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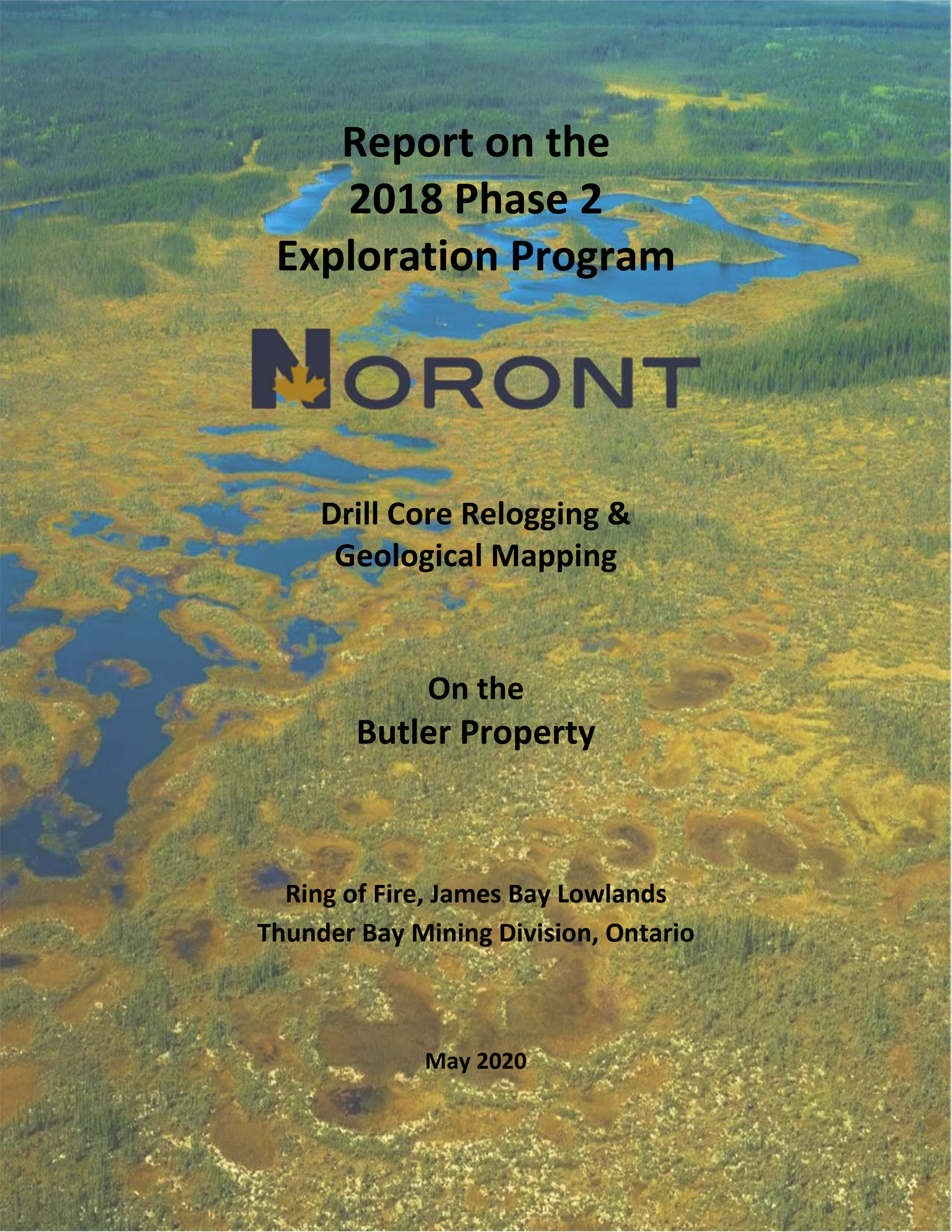

Report on the 2018 Phase 2 Exploration Program

NORONT

Drill Core Relogging & Geological Mapping

On the Butler Property

Ring of Fire, James Bay Lowlands
Thunder Bay Mining Division, Ontario

May 2020

Butler Property
2018 Phase 2 Exploration Report
Drill Core Relogging &
Geological Mapping

Centered on or about
514000mE, 5840350mN (NAD 83/UTM 16N)

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Summary

This report details Noront's 2018 Phase 2 exploration program on the Butler Property in the Ring of Fire. This work involved relogging of historical drill core and geological outcrop mapping. Noront's exploration program began on May 23, 2018 and ended August 7, 2018. The table below summarizes the work herein.

Phase	Work Type Category	Work Type Description	Main Work Operator(s)	Date From	Date To	Work	Exploration Permit/Plan
2018 Phase 2	Drill Core Relogging	Core relogging	Noront	23-May-18	30-May-18	26 DDH, 5946m	Work did not require a plan or permit
	Drill Core Relogging	Assays	Actlabs	04-Jun-18	30-Jun-18	18 samples	
	Geological Mapping	Outcrop mapping	Noront	06-Jun-18	13-Jun-18	10 traverses; 121 outcrops	
	Geological Mapping	Assays	Actlabs	19-Jun-18	07-Aug-18	11 samples	

Table 1: Summary of exploration work.

1. Introduction

From May 23, 2018 to August 8, 2018, Noront Resources Ltd. ("Noront") completed their 2018 Phase 2 exploration program on the Butler property in the Ring of Fire ("ROF"), James Bay Lowlands, Northern Ontario (**Fig. 1**). This program consisted of drill core relogging and geological outcrop mapping with associated geochemical analyses and assaying. The Butler property is located in the townships of BMA 526 863, BMA 526 864, BMA 527 863 and BMA 527 864 (NTS Sheet 43D10 and 43D15; Thunder Bay Mining Division). **Appendix 1** is a listing of the 126 claims whereupon exploration work was completed.

The majority of Noront's exploration work since 2017 has focused on the McFaulds Lake VMS property. However, smaller exploration programs have also been completed on the Butler and Sanderson properties in order to understand their geology and prospectivity (**Fig. 2**). Noront acquired a 75% interest in these two properties from MacDonald Mines in 2016, and MacDonald sold their 25% interest to Juno Corporation in early 2020. Noront is the controlling owner of the property and the sole operator of the project.

The Butler (or 'Butler Lake') property lies along the south-western edge of the arcuate McFaulds Lake Greenstone Belt in the ca. 2828 Ma Butler Assemblage, which contains the oldest known units in the ROF. The property is located approximately 30km due west of the Eagle's Nest Ni-Cu-PGE deposit and 50km west of the McFaulds Lake volcanic basin. Exploration work on the property began in 2003 by MacDonald Mines following the VMS discoveries at McFaulds Lake in 2001-2002. Initial work focused on the VMS potential as it had been hypothesized that the area could represent a geological equivalent to the McFaulds Lake volcanic basin. MacDonald Mines worked the property from 2003 to 2013 and through extensive geophysical surveying and diamond drilling made four significant Cu-Zn VMS discoveries (Butler 1 through 4) as well as the discovery of low-grade Ni-sulfide bearing zones within mafic-ultramafic sills (Butler 5), and a Ti-V-rich ilmenite-magnetite bearing gabbro (Butler 6). MacDonald also made lesser discoveries of Ni-sulfide mineralization at Butler 7 and 8, and VMS at Butler 9, 10, and 11. Although the Butler property has seen much exploration since 2003 and no major discovery, the terrain is still prospective for the expansion of the known occurrences and the discovery of new.

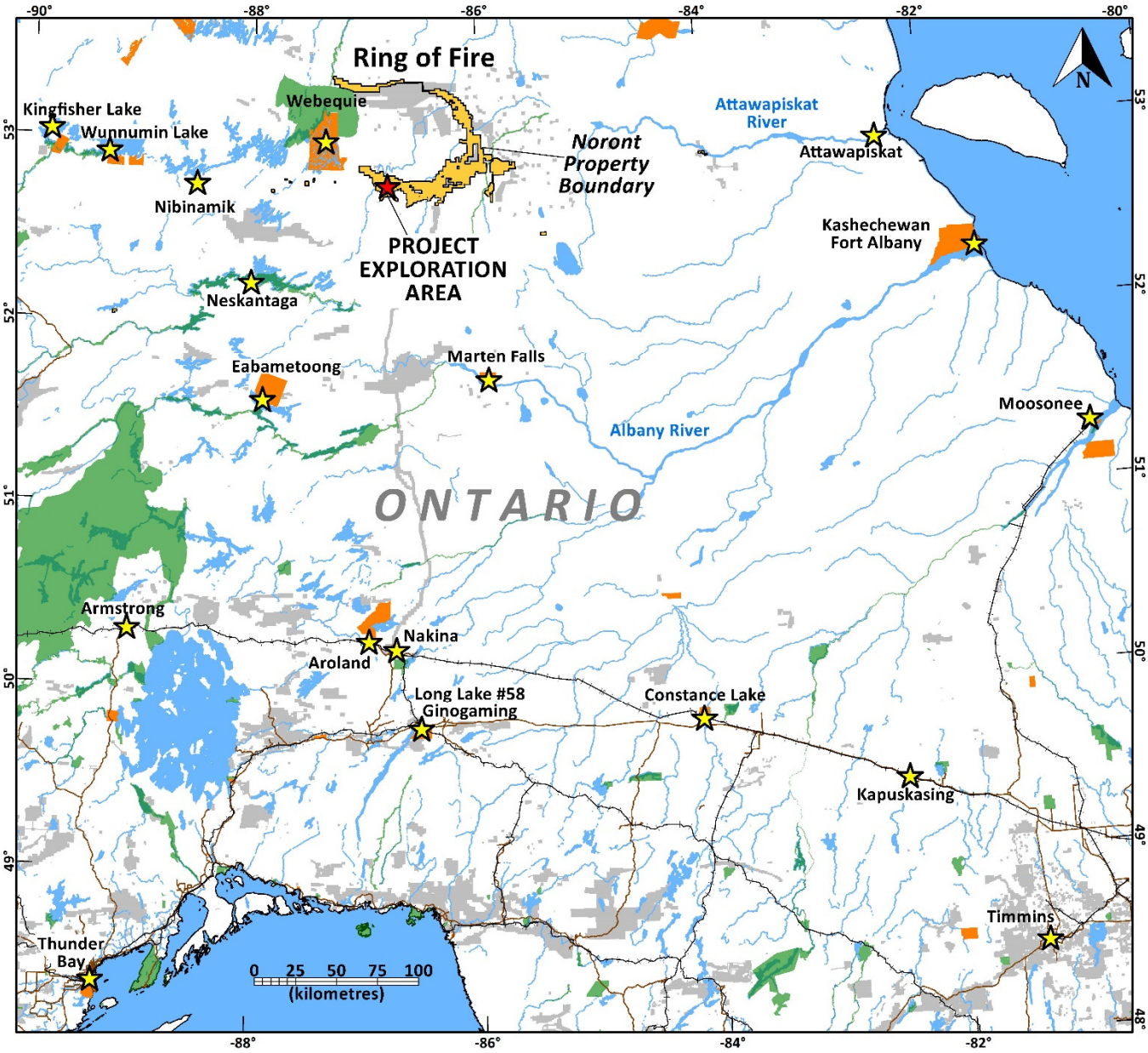

Figure 1: Location in Ontario.

The Butler property is situated within the ca. 2828 Ma Butler Assemblage of the McFaulds Lake Greenstone Belt and contains the oldest known geological units in the ROF. It is characterized by thin sub-parallel magnetic linear features that define the local intrusive-volcanic-sedimentary stratigraphy and is divided into prominent western and eastern limbs cored by a large tonalitic intrusion of the same age (2773 Ma) as the footwall tonalite at Eagle's Nest.

The western limb comprises an overturned succession of felsic to intermediate volcanic rocks with footwall mafic intrusive rocks, and the eastern limb comprises a possible thrust-repeated succession of mafic volcanics with interlayered mafic to ultramafic intrusive sills with minor felsic volcanic intervals. The assemblage is affected by at least two folding events and is strongly deformed by the Webequie Shear Zone, which bounds the property to the north. To the west and east, the package is bounded by older granitic-tonalitic basement rocks, and to the south the package is bounded by younger granitic plutons. Hydrothermal alteration is extensive in some units on the western limb and the rocks of the assemblage are overprinted by amphibolite facies metamorphism.

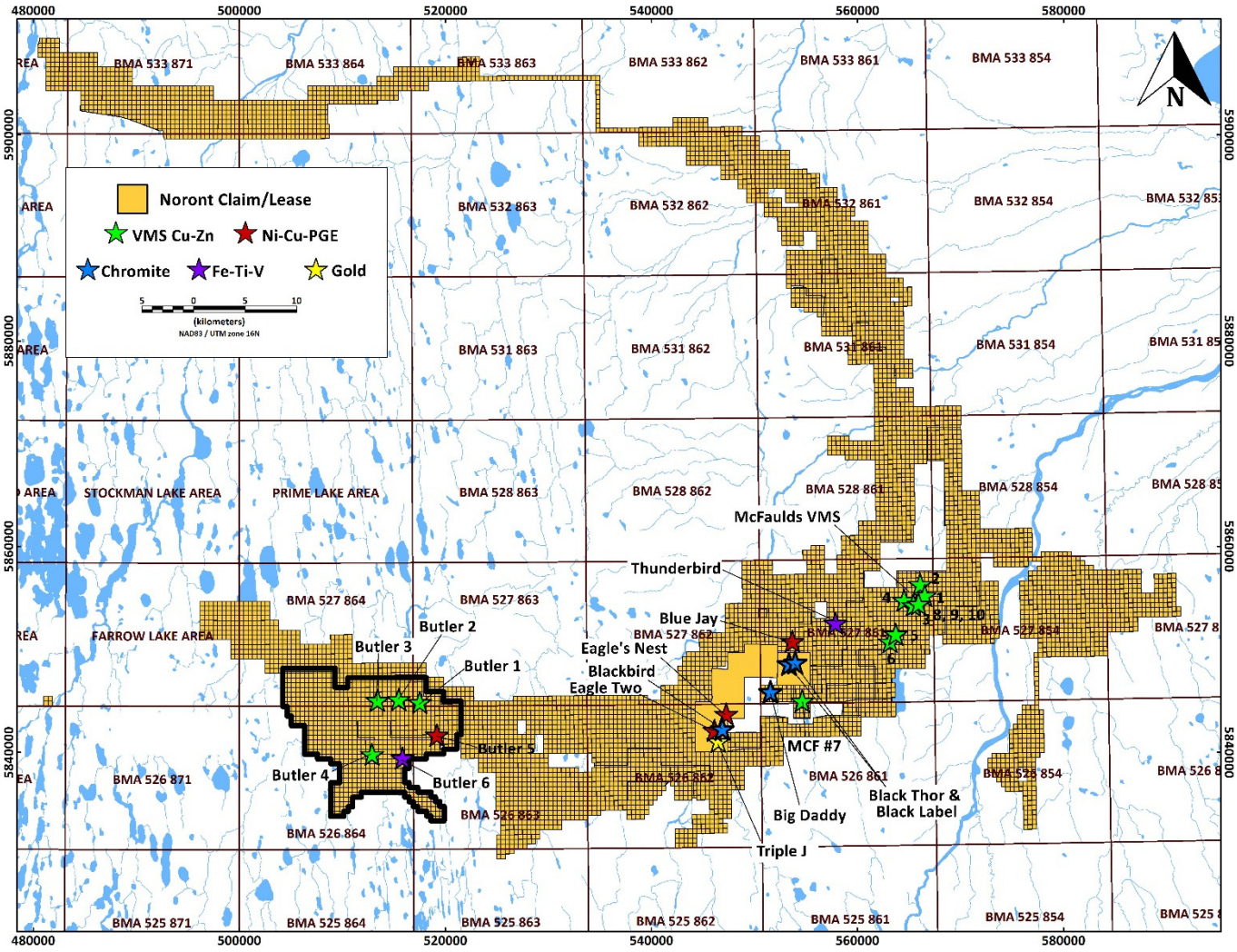

Figure 2: Noront claim map in the Ring of Fire.

At least 11 principle exploration areas have been targeted on the Butler property since work began in 2003: Butler 1 through 4 and 9 through 11 for Zn-Cu-Ag-Pb VMS, and Butler 5 through 8 for Ni-Cu-PGE, Ti-V, and Cr. The Butler 1 through 4 Cu-Zn-Ag-Pb VMS occurrences occur along a common stratigraphic horizon along the western limb of the Butler property. Butler 3 is located within the approximate hinge of the west-northwest plunging fold and has had the most exploration work completed to date. Butler 1 and 2 occur on the east-west striking arm of the limb (east of Butler 3), and Butler 4 occurs on the north-south striking arm of the limb (south of Butler 3). These four VMS occurrences are the most significant discoveries to-date on the Butler property and lie along portions of a 13-kilometre-long fertile exhalative horizon extending the length of the of the limb. Of these, Butler 3 and 4 have the thickest intersections of Zn-Cu mineralization.

Exploration work completed by MacDonald Mines followed a cycle of targeting geophysics (predominately electromagnetic, or 'EM') followed by drill testing. Once initial discoveries were made, borehole EM played a significant role in the development of subsequent programs. Surface geophysical work comprising horizontal loop EM, ground magnetics, ground gravity, and surface pulse EM have been employed numerous times to better target mineralized zones.

Since acquiring a majority interest in the property in 2016, Noront's main objective for the Butler property has been to generate a unified geological model of the stratigraphy, alteration, structure and mineralization in order

to assess the economic potential of the property and to guide future exploration. Noront believes that the entire 13km strike length of the western limb of the property is a highly prospective VMS terrain where favourable geology, alteration, and structure coincide, and as such, believes that the property possesses strong potential for the discovery of a significant VMS deposit or the expansion of a known one. As well, the eastern limb remains prospective for Ni-Cu-PGE mineralization.

The comprehensive geological database built by MacDonald Mines, containing 180 drill holes with extensive geochemical sampling and near-total airborne, ground, and borehole geophysical coverage, has allowed thorough reviews of nearly all portions of the property by Noront without the requirement for much new work. However, there are still prospective areas with limited to no drilling. As a result, in 2017 Noront completed an expansive geochemical soil survey over the western limb of the VMS horizon, primarily in the areas of Butler 3 and 4. The results of this soil survey were promising and were potentially picking up the signature from undiscovered VMS occurrences along the horizon.

As part of the ongoing assessment of the property, in 2018 Noront completed a systematic review of drill core from all of the mineralized occurrences (Butler 1 through 11) in conjunction with field geological mapping of identified outcrops in order to build upon the geological model and to guide any future exploration targeting. This drill core review and geological mapping is the focus of this report and is described herein.

2. Exploration History

Between 1959 and 1988, there was sporadic exploration for diamonds by companies such as Consolidated African Selection Trust, De Beers South Africa (1962), and Monopros Limited (the Canadian subsidiary of De Beers), until the discovery of the Attawapiskat diamondiferous kimberlite field by Monopros Limited in 1988. In the early to mid-1990s, joint ventures partners Spider Resources Inc. ('Spider') and KWG Resources Inc. ('KWG') conducted an airborne magnetic survey throughout the northern part of the James Bay Lowlands focusing on diamond exploration. They discovered the Good Friday and MacFadyen kimberlites in the Attawapiskat cluster, as well as the five Kyle series kimberlites, that lie to the east of the property being reported herein.

In 2002, De Beers Canada entered into a joint venture with Spider and KWG after discovering the McFaulds No. 1 volcanogenic massive sulfide (VMS) deposit while searching for kimberlites in 2001. Subsequent work by Spider and KWG, following another Spider/KWG airborne magnetometer survey, led to the discovery of the McFaulds No. 3 deposit and other related VMS occurrences nearby.

The discovery of these deposits, and the recognition of the region as a Greenstone Belt with great potential for further discoveries of base metal deposits, led to a staking rush by junior mining companies (including Noront) that began in December 2002 and continued well into 2003. The staking rush and subsequent exploration led to the discovery of six additional VMS deposits in 2003 by other junior exploration companies in the region.

Noront has been exploring the general area since early 2003, shortly after the VMS mineralization was discovered near McFaulds Lake by De Beers Canada. Noront acquired their initial claims by staking in August 2003 and followed that up with additional claim staking in January 2006, in the fall of 2007, and in the spring of 2008. Geophysical surveys (VTEM and ground magnetometer) conducted between 2004 and 2006 identified magnetic targets that were drilled in 2006 by Probe Mines Ltd. on Noront-held claims. It was this drilling that led to the identification of ultramafic rock, which thus highlighted the potential for Ni-Cu-PGE-Cr mineralization in the area.

Noront discovered the Eagle One (now termed Eagle's Nest) magmatic massive sulfide (MMS) deposit while searching for VMS mineralization in 2007. Following this discovery, Noront commissioned airborne and ground geophysical surveys to aid in the search for other similar deposits nearby. Noront completed a large-scale airborne

geophysical survey in the fall of 2007 using Aeroquest Ltd. and their AeroTEM system. This was then followed by ground geophysical surveying (magnetics and gravity) by JVX Ltd., which was completed in the early part of 2008 on the Grid 1 property, as well as in late 2008 and early 2009 on the Grid 2 property. In 2008, Noront completed another large-scale airborne geophysical survey (Geotech VTEM) over nearly all of Noront's claims in the Ring of Fire region.

Following these surveys, a total of twelve anomalous conductive and magnetic targets were chosen for further exploration, in the hopes of finding another MMS deposit in the host ultramafic rocks. These targets were given a project designator, 'AT', and a number (1 through12), and most were investigated through diamond drilling. This led to the 2008 discovery of the Eagle Two shear hosted sulfide deposit nearby, as well as the AT12 (now called Blue Jay) MMS deposit to the northeast of Eagle's Nest. It was the drilling of the Eagle Two deposit that led to the later discovery of the Blackbird chromite deposits in 2008 and the Blackstone/AT1 chromite occurrence in 2010, which are both hosted by the same ultramafic complex as Eagle's Nest. In 2009, the Thunderbird vanadium occurrence was discovered further to the east of Blackbird – Eagle Two – Eagle's Nest in a large mafic body (thought to the be the compliment to the Eagle's Nest – Blackbird ultramafic body), and in late 2009, the Triple J gold occurrence was discovered in the area of Eagle Two and Blackbird, in a contact zone between the granodiorite and Blackbird-hosting peridotite.

In January 2010, a resource model and National Instrument 43-101 report was released on the Blackbird Chromite deposits, entitled "Technical Report on the Mineral Resource Estimate for the Blackbird Chrome Deposits, James Bay Lowlands, Northern Ontario, Canada". The resource model and report were created by Micon International Ltd. In April 2011, an updated resource model and National Instrument 43-101 report was released for the Eagle's Nest Sulfide deposit, entitled "Technical Report on the Updated Mineral Resource Estimate for the Eagle's Nest Property, McFaulds Lake Project, James Bay Lowlands, Ontario, Canada". The resource model and report were created by Micon International Ltd. And in May 2012, an updated resource model and National Instrument 43-101 report was released for the Blackbird Chromite deposits, entitled "Technical Report on the Updated Mineral Resource Estimate for the Blackbird Chrome Deposits, McFaulds Lake Property, James Bay Lowlands, Ontario, Canada". The resource model and report were again created by Micon International Ltd. In 2010, Noront completed yet another large-scale airborne geophysical survey (Terraquest High Resolution Magnetic and VLF-EM Airborne Survey) over nearly all of Noront's claims in the Ring of Fire region.

Noront completed a preliminary feasibility study in October 2011 (Burgess et al. 2011) to evaluate the development of the Eagle's Nest deposit, a high-grade Ni-Cu-Pt-Pd mineralized pipe-like body that is approximately 60 by 200 metres wide, and extends to depths beyond 1600 metres. This study indicated that the proposed mine infrastructure would be constructed underground. A contained, buried pipeline would then pump and transport a slurry of nickel-copper concentrate from the mill at the Eagle's Nest mine site to Webequie Junction, 90 kilometres west of the proposed mine site. From there, the concentrate would be dewatered and loaded for bulk transportation along a proposed 210-kilometre-long all-season road to Highway 808 north of Pickle Lake, Ontario. Transportation would then continue along the existing highway through Pickle Lake to the proposed Savant Lake concentrate handling facility. Development of a 105-kilometre-long winter road would provide a road connection from Webequie Junction to the Eagle's Nest mine site. This proposed infrastructure plan is termed the "East-West Corridor Alternative". In May 2012, the Ontario Government announced their support for a north-south access route (the "North-South Corridor Alternative"), which provides access to the Ring of Fire via an access road from Nakina, Ontario. Noront adopted this proposed infrastructure corridor as the base case for the Eagle's Nest project in their 2012 feasibility study (Burgess et al. 2012). However, Noront has retained the originally designed East-West Corridor as an alternative, and in order to support construction activities, Noront plans to upgrade the existing winter road along the existing East-West Corridor from Pickle Lake to Webequie, in conjunction with the First Nations that currently use this route. This will include increasing funding to develop the main winter road towards Webequie and development of a new winter road leading east to the project site from south of Webequie, at Webequie Junction.

Insight IP was conducted over the Eagle's Nest – Blackbird property area in 2011-2012 and was followed by limited drilling of IP targets in 2012. IP was also conducted over the AT12/Blue Jay property, and drilling took place there as well. Valuable information on the geology of these areas was gained, but no deposits were uncovered.

In 2015, Noront purchased Cliffs Chromite Far North (formerly Spider Resources) and Cliffs Chromite Ontario (formerly Freewest Resources), thereby purchasing all property formerly owned by Cliffs Natural Resources in the Ring of Fire. In doing so, Noront purchased a 100% ownership in the Black Thor & Black Label chromite deposits, a 70% and controlling interest in the Big Daddy chromite deposit, an 85% and controlling interest in the McFaulds Lake VMS deposits and occurrences, and a 50% interest in the Kyle kimberlite occurrences. As a result, Noront now owns the majority of property in the Ring of Fire, and with it, all major deposits and much of the prospective ground.

In August 2016, Noront purchased a 75% interest in the Butler Lake and Sanderson properties from MacDonald, both located in the Ring of Fire area of Northern Ontario. In January 2020, Juno Corporation purchased MacDonald's 25% share in the Ring of Fire properties. Juno Corp. will carry a 25% interest in the two properties until the issuance of a NI 43-101 compliant resource on either property, at which time they will have the option to convert the interest into a 1% NSR. If they do not elect to convert, Noront can elect to purchase the remaining 25%. If neither company chooses their respective options, then a joint venture arrangement will be formed in order to develop the properties.

The majority of Noront's exploration work beginning in late 2016 has focused on the McFaulds Lake VMS property. The McFaulds VMS deposits were the first discoveries in the ROF and spurred the initial staking rush in 2002-2003. Since then, ten Cu-Zn rich VMS deposits have been identified on the property, two of which (MCF No. 1 and No. 3) have calculated resources. Early exploration on the property focused on near-surface mineralization easily detected with airborne geophysics. This exploration methodology successfully identified seven of the Cu-Zn mineralized occurrences. However, after the discovery of Eagle's Nest and the various chromite deposits in the ROF, exploration shifted away from VMS to magmatic Ni-Cu-PGE and chromite. Starting in late 2016, Noront began systematically compiling and reviewing historic geological, geochemical, and geophysical datasets in order to develop a geological model for the property. This included the re-logging of one-quarter of all historical drill holes and the acquisition of high-resolution airborne magnetic data through a Heli-GT survey. Following up on this initial work, in 2017 Noront completed an MMI geochemical soil survey, ground and borehole EM surveys, and a drill program, which led to the discovery of a new VMS deposit, McFaulds No. 8, located in the footwall of the high-grade McFaulds No. 3 deposit. Subsequent drilling and ground and borehole EM in late 2017 and early 2018 helped to identify an additional two VMS exhalative horizons, McFaulds No. 9 and No. 10. Exploration work in 2018 and 2019 has focused almost solely on the McFaulds No. 8 deposit, with small accessory programs on McFaulds No. 10 and a new target, McFaulds No. 11. This work has consisted of diamond drilling, surface and borehole EM, soil sampling, and ground gravity.

Noront maintains a mandate for continued Ni-Cu-PGE exploration in the ROF. In early to mid-2016, Noront's exploration programs focused on Ni-Cu-PGE exploration along the footwall margins of the Ring of Fire intrusion, in the Black Thor, Blue Jay, Blue Jay Extension, Big Daddy, AT3, AT4, and AT5 areas. No new mineralization was discovered. In 2017, a Rotary Air Blast (RAB) drilling campaign in the Area 7 target corridor was successful in identifying 9 new occurrences of ultramafic rock in the footwall to Eagle's Nest, which remain future targets for Ni-Cu-PGE exploration. As well, the Pinay Target (Sanderson Property) was identified in 2017 as a high priority target for focused Ni-Cu-PGE exploration. Soil sampling programs in 2017 supported a mafic-ultramafic lithology for the target, which ultimately led to a diamond drill program. This drill program failed to identify any ultramafic rock nor mineralization on the property.

2.1 Exploration History of the Butler Property

MacDonald Mines acquired the Butler property through claim staking shortly after the discovery of the McFaulds Lake VMS deposits in 2002. Claims were staked using regional government airborne geophysical surveys which showed that the Butler area had similarities to the McFaulds Lake area as well as to other Greenstone Belts in the Superior province. Late in 2003, MacDonald commissioned Geotech Ltd. to perform a VTEM helicopter-borne geophysical survey, which was flown in January-February, 2004. The survey covered two survey blocks, the Big Mac (Sanderson) Property and the McNugget (Butler) Property. Total coverage amounted to 2065 km of lines on the Big Mac block and 2280 km of lines on the McNugget block (Masters 2011). The purpose of the survey was to explore for Noranda style copper-zinc-silver VMS and shear-hosted mesothermal gold deposits in the McFaulds Lake Greenstone Belt. The airborne surveys identified 47 zones in the Butler block that were considered to be bedrock conductors. These zones consisted of anomalous trends that ranged from 150 meters to 2.4 kilometers in length. An additional 20 discrete, short strike length, poor-to-moderate conductors in the Butler block were identified as possible kimberlite targets (Masters 2011). This survey established the initial drill targets on the Butler property.

A substantial amount of work has been completed on the property since the initial VTEM survey. This has included additional airborne EM surveying (GeoTEM, AeroTEM, and VTEM), extensive ground geophysical surveying (magnetics, gravity, MaxMin, HLEM, TDEM, Surface Pulse EM, Insight IP), and the drilling of 180 drill holes totaling 36,200 metres with borehole EM on 86 of those totaling 20,600 metres. Outcrop mapping was also completed on the property in 2004-2005 and 2008. This work has resulted in the discovery of 4 significant Cu-Zn VMS occurrences (Butler 1 through 4), a Ni-Cu occurrence (Butler 5) as well as a V-Ti occurrence (Butler 6). **Table 2** is a summary of exploration work completed to-date on the property.

Owing to the extensive geological, geochemical, and geophysical database built by MacDonald Mines, Noront has been able to focus its attention on compilation and geological modeling in order to fully understand the geology, stratigraphy and structure of the property and evaluate its prospectivity. With that said, in 2017 Noront completed a 564-sample EDTA Cyanide Leach geochemical soil survey across the western limb of the property, from Butler 3 south to Butler 4. This was the first geochemical soil survey completed on the property. The objective was to calibrate the geochemical results to the known VMS deposits (Butler 3 and 4) and then to use this information to test un-drilled portions of the ground between and in the surrounding parts of the western limb for geochemical anomalies. Following this, in 2018 Noront completed a drill core relogging program covering 15% of all historic drill holes, and an expansive outcrop mapping exercise covering 121 outcrops across the breadth of the property. These last two programs are the focus of this report.

Assay highlights from the 2004-2013 drill programs on the Butler property are included in tables below. **Table 3** highlights the VMS occurrences, **Table 4** the Ni-Cu occurrences, and **Table 5** the Ti-V occurrences.

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Year	Sub-Work Type	Company	Area/Notes
Airborne Geophysics			
2008	GeoTEM	Fugro	Adelaide (far south) & York (far west) blocks
2004	VTEM	Geotech	Original VTEM survey covering Butler basin
2008	VTEM	Geotech	Southern end of western limb; Butler 9-10
2008	VTEM	Geotech	Southern western and SE Limb
2010	AeroTEM	Aeroquest	Block A (Butler 3 area) & Block B (Butler 5 area)
Ground Geophysics			
2006	HLEM, Mag	Exsics Exploration	Butler 1-4
2007	Gravity	Allan Spector	Butler 1-3, 5

2008	Gravity	MWH Geo-Surveys	Butler 1, 2, 3 Hinge, 4, 5 (& N-series grids)
2008	Mag, MaxMin HLEM	Geophysique TMC	Numerous N-series grids
2008	TEM	Quantec	Butler 3 Hinge area (N1 grid)
2010	Surface Pulse EM	Crone	Butler 1, 3, 3 South, 5
2011	Magnetics	MacDonald	BP11-V series holes
2011	Magnetics	MacDonald	Butler 3, 4, 5, 8
2011	Surface Pulse EM	Crone	Butler 3, 5, 7, 8
2012	Gravity	Abitibi	Butler 3, 4, 5
2012	IP	Insight	Butler 2, 3, 4, 5
2012	Magnetics, TDEM	Abitibi	Butler 3, 4, 5
2013	Magnetics	Abitibi	Butler 5
2013	Surface Pulse EM	Crone	Butler 3, 4
Geophysical Inversions			
2011	Magnetic Inversion	MacDonald; MIRA	Inversion of Butler property (airborne, ground)
2012	Airborne Gravity Inversion	MacDonald; Abitibi	Inversion of portion of OGS survey
Downhole Geophysics			
2010-13	Borehole EM	Crone, Abitibi	86 holes surveyed (20,614m)
Diamond Drilling			**180 holes drilled on property (36,193m)**
2004	*Drilling breakdown by year*	MacDonald	8 DDH; 1062 metres
2006			19 DDH; 4007 metres
2007			27 DDH; 4169 metres
2008			31 DDH; 4804 metres
2010			55 DDH; 10993 metres
2011			17 DDH; 3827 metres
2012			19 DDH; 5871 metres
2013			4 DDH; 1460 metres
Geological Mapping			
2005	Outcrop mapping	MacDonald	Western limb
2008	Outcrop mapping	MacDonald	Southern portions (Butler 8-11)
2018	Outcrop mapping	Noront	121 outcrops
Soil Surveying			
2017	EDTA Cyanide Leach soil	Noront	564 samples over Butler 3 & 4
Geological Reporting/Relogging			
2018	Drill core relogging	Noront	26 DDH

Table 2: Butler property summary of exploration.

Occurrence	Hole	From (m)	To (m)	Width (m)	Cu (%)	Zn (%)	Ag (g/t)	Au (g/t)
Butler 1	MN06-20	49.7	53.3	3.6	0.2	7.5	30.7	0.1
Butler 1	MN06-21	64.8	70.5	5.7	1.2	0.2	16.0	0.3
Butler 1	including	62.0	64.0	2.0	0.2	12.1	25.5	0.0
Butler 1	MN06-22	124.9	126.2	1.3	0.1	12.8	27.5	0.2
Butler 2	MN06-14	82.2	84.8	2.6	1.0	2.5	31.0	0.2
Butler 2	MN10-102	24.0	39.0	15.0	1.1	0.5	6.7	0.1
Occurrence	**Hole**	**From (m)**	**To (m)**	**Width (m)**	**Cu (%)**	**Zn (%)**	**Ag (g/t)**	**Au (g/t)**
Butler 3	BP11-CU06	130.0	297.0	167.0	0.4	1.2	4.1	0.0
Butler 3	including	168.0	220.0	52.0	0.5	3.5	8.2	0.0
Butler 3	and	169.5	183.0	13.5	0.5	6.4	13.1	0.0
Butler 3	BP12-CU14	120.0	175.0	55.0	0.3	2.6	4.9	0.1
Butler 3	including	147.5	168.0	20.5	0.6	6.4	8.9	0.1
Butler 3	and	151.0	160.0	9.0	0.2	10.3	5.0	0.1
Butler 3	MN10-131	208.2	215.2	7.0	0.5	5.3	7.9	0.0
Butler 3 South	MN06-25	88.4	90.4	2.1	0.8	1.0	7.0	0.0
Butler 4	MN04-03	65.6	71.5	5.9	1.2	0.3	16.5	0.1
Butler 4	MN07-47	67.5	70.5	3.0	0.4	10.4	115.1	0.1
Butler 4	MN10-116	43.8	51.4	7.6	1.0	1.8	12.6	0.1
Butler 4	including	46.8	50.0	3.2	2.1	3.2	21.7	0.3
Butler 5	MN10-120	34.0	37.0	3.0	1.3	0.0	2.9	0.7
Butler 6	MN10-110	94.3	94.8	0.5	0.1	10.0	4.8	0.0
Butler 9	MN08-80	55.5	60.0	4.5	0.6	0.0	3.9	0.0

Table 3: Historical assay highlights from the VMS deposits/occurrences at Butler, occurring in felsic-intermediate volcanic rocks. The largest and highest grades of Cu-Zn occur in the Butler 3 deposit.

Occurrence	Hole	From (m)	To (m)	Width (m)	Ni (%)	Cu (%)	Pd (g/t)	Pt (g/t)
Butler 3 Hinge	MN07-46	18.0	133.0	115.0	0.2	0.0	0.0	0.0
Butler 5	MN07-39	57.5	82.2	24.7	0.3	0.0	0.0	0.0
Butler 5	including	82.1	82.2	0.1	1.0	0.1	0.2	0.0
Butler 5	MN07-55	66.5	69.4	2.9	0.3	0.1	0.1	0.0
Butler 5	including	69.3	69.4	0.1	0.7	0.2	0.1	0.0
Butler 8 / Butler SE Limb	MN08-82	30.0	34.5	4.5	0.0	0.8	0.0	0.0

Table 4: Historical assay highlights from the Ni-Cu occurrences at Butler. It should be noted that in most cases, the Ni represents ultramafic intrusive rock and not necessarily sulfide mineralization.

Occurrence	Hole	From (m)	To (m)	Width (m)	TiO2 (%)	V2O5 (%)
Butler 3 West	BP11-V01	8.5	66.4	57.9	4.1	0.5
Butler 3 West	BP11-V06	170.5	172.1	1.6	10.1	1.4
Butler 3 West	BP11-V07	77.7	83.0	5.3	9.8	0.9
Butler 3 West	MN07-49	60.0	67.5	7.5	0.6	0.8
Butler 4 Footwall	BP11-V02	62.2	82.2	20.0	3.7	0.4
Butler 4 Footwall	MN08-61	99.0	139.5	40.5	0.4	0.5
Butler 6	BP11-V04	118.5	147.0	28.5	7.1	0.5
Butler 6	MN08-70	96.5	135.5	39.0	0.5	0.5
Butler 6	MN08-78	50.0	69.0	19.0	6.3	0.8

Table 5: Historical assay highlights from the Ti-V occurrences at Butler, occurring in ferrogabbroic rocks.

3. Property Description

3.1 Location and Accessibility

The Butler property is located in the James Bay Lowlands of Northern Ontario, in the Thunder Bay Mining Division, and is centered at approximately 514000mE, 5840350mN (NAD83/UTM Zone 16N). The property is located approximately 45 kilometres southeast of the community of Webequie, 135 kilometres northwest of the community of Marten Falls, 100 kilometres northeast of the community of Neskantaga, 300 kilometres west of the community of Attawapiskat, 280 kilometres north of the town of Nakina, and 515 kilometres north of Thunder Bay (**Fig. 1**). The closest all-season accessible community to the Ring of Fire is Nakina, where there is a paved 3,500-foot airstrip and access to the provincial road and rail network. The communities of Webequie, Marten Falls, Neskantaga, and Attawapiskat each contain gravel airstrips that can be accessed year-round as well as winter roads during the winter months. There are however currently no roads leading to the Ring of Fire.

For the period from May 23rd to 30th, 2018, during the Butler drill core review, exploration personnel were accommodated at the Butler Lake Site (513110mE, 5845460mN). The Butler Lake Site is non-operational, but all environmental hazards have been removed and there remain a number of sleeping tents available for short stays. For the remainder of the exploration program, personnel were accommodated at Noront's year-round Esker Site (547500mE, 5843730mN). The Butler project area is approximately 30-35 km west of the Esker Site, and access was by helicopter only, with the field crews mobilizing to the project sites every day from Esker. Access to Esker is by snowmobile, helicopter, ATV, or Argo from the Koper Lake base site (~4 km southeast of Esker), which is serviced by fixed wing (ice or float planes) from Nakina, Ontario, or by helicopter from the First Nation community of Webequie.

Noront holds the health, safety and overall wellness of our workforce as a core value. All workers at the Esker Site are well-trained in the aspects of health and safety procedures, and there are first responders on-site. However, should an emergent situation arise, personnel are evacuated via helicopter to the medical facilities available at the Webequie Nursing Station, located 80km west of Esker Site, an approximately 30 to 40-minute helicopter ride. The Webequie Nursing Station is usually operated with three nurses, a Community Health Representative (CHR), and two full-time counsellors. Should further evacuation be required, personnel are transported to Sioux Lookout or Thunder Bay.

3.2 Physiography and Climate

The project area is located along the western margin, or Ontario side, of the James Bay Lowlands within the Tundra Transition Zone, an area lying between coniferous and mixed forests to the south and tundra to the north. The area is a large wetland consisting primarily of string and palsa bog, fens, swamps, and muskeg, and is poorly drained due to a lack of relief. Topography slopes gently from approximately 170 metres above sea level in the Eagle's Nest area towards James Bay and Hudson Bay, 300km to the east and northeast. Rock outcroppings are sparse in the Eagle's Nest area and tend to exist only along riverbanks, but moving west into the Butler area, the abundance of outcrop is greater.

Glacial features are abundant in the area and consist of till deposits, eskers, and drumlins, all of which are typically overlain by glaciolacustrine silts and clays and glaciomarine mud and clay from the glacial rebound during the Holocene period. As many as three glacial periods are recorded in underlying till in the Ontario side of the James Bay Lowlands. Total thickness of all glacial and post-glacial unconsolidated material can reach up to 100 metres with an average thickness of approximately 15-20 metres throughout the southern portion of the ROF.

The main rivers which drain the general area include, from south to north, the Albany & Ogoki Rivers, the Atikameg River, the Attawapiskat River, the Little Attawapiskat (Muketei) River, the Ekwan River, and the Winisk River and Winiskisis Channel. All of these rivers flow eastward or north into James and Hudson Bays, and string bogs are developed between local drainages. The area extending from Eagle's Nest to McFaulds Lake is located between the drainage basins of the Attawapiskat and Little Attawapiskat Rivers. The Butler property, west of the Little Attawapiskat River, is located within the drainage basin of the Ekwan River and its tributaries.

Vegetation is dominated by sphagnum moss, shrubs, grass, lichen, and sedges with sparsely scattered stunted larch and black spruce. There are occasional patches of boreal forest (black and white spruce, tamarack, trembling aspen, balsam poplar and white birch) where drainage is locally enhanced by the presence of low sand ridges, raised beaches, or along larger rivers. The Esker Site sits atop a well-treed and sandy esker, which extends for many kilometres to the north and south.

The climate of the James Bay Lowlands area is dominantly a typical continental climate with extreme temperature fluctuations from the winter to summer seasons. During the summer months this can be moderated by the maritime effects of James and Hudson Bays. Summer temperatures range between 10°C and 35°C, with a mean temperature of 13°C in July. Winter temperatures usually range between -10°C and -55°C with an average January temperature of -23°C. Water bodies typically freeze-up in mid-October and break-up is usually in mid-April. The region usually receives approximately 600-700 mm of precipitation per year with 2400 mm average snowfall.

3.3 Mineral Claims and Early Exploration Plans & Permits

Noront's land package in the Ring of Fire contains 8296 mineral cell claims (both standard and boundary cell claims) and two mining leases totaling approximately 155,580 hectares of ground and mineral exploration rights (**Fig. 2**). The Butler property contains 841 cell claims (**Fig. 3)**. Of this, 126 claims were covered during the exploration program, 100 of which are standard cell claims and 26 of which are boundary claims. The claims collectively cover an area of approximately 2,280 hectares (**Fig. 4**).

The Butler property is part of a joint venture between Noront (75% ownership) and Juno Corp. (25% ownership). Noront is the controlling owner of the property and sole operator of the project and contributes 100% of all exploration expenditures. The claims are located in the township areas of BMA 526 863, BMA 526 864, BMA 527 863 and BMA 527 864 (NTS Sheets 43D10 and 43D15), and at the time of the writing of this report, are due between December 27, 2020, and September 21, 2021 (**Fig. 4**).

Although the work herein described was not subject to the requirements of an Early Exploration Plan and/or Permit, Noront did have in place PR-13-10213R (expiring in May 19, 2021) and PL-18-010892 (effective from July 19, 2018 and expiring July 18, 2020).

3.4 Species At Risk Mitigation Plans

Under the Federal Species at Risk Act ('SAR') and the Provincial Endangered Species Act ('ESA'), any company engaging in early mineral exploration in Ontario is required to prepare a mitigation plan for species classified as "at risk" in their project areas. According to MNRF data, in the Ring of Fire this includes Woodland Caribou and Wolverine. Accordingly, in 2017 and then in 2018, Noront hired outside experts to prepare mitigation plans for Noront's project areas in the Ring of Fire to ensure a minimal impact on these animals. Integral pieces of the mitigation plans are to avoid key biological areas (calving & nursing sites), keep to a minimum any disturbed areas, and document and report any SAR sightings to MNRF. Our aim is to minimize the disturbed footprint of exploration activity on the natural habitat and to minimize the overall contribution to cumulative disturbance.

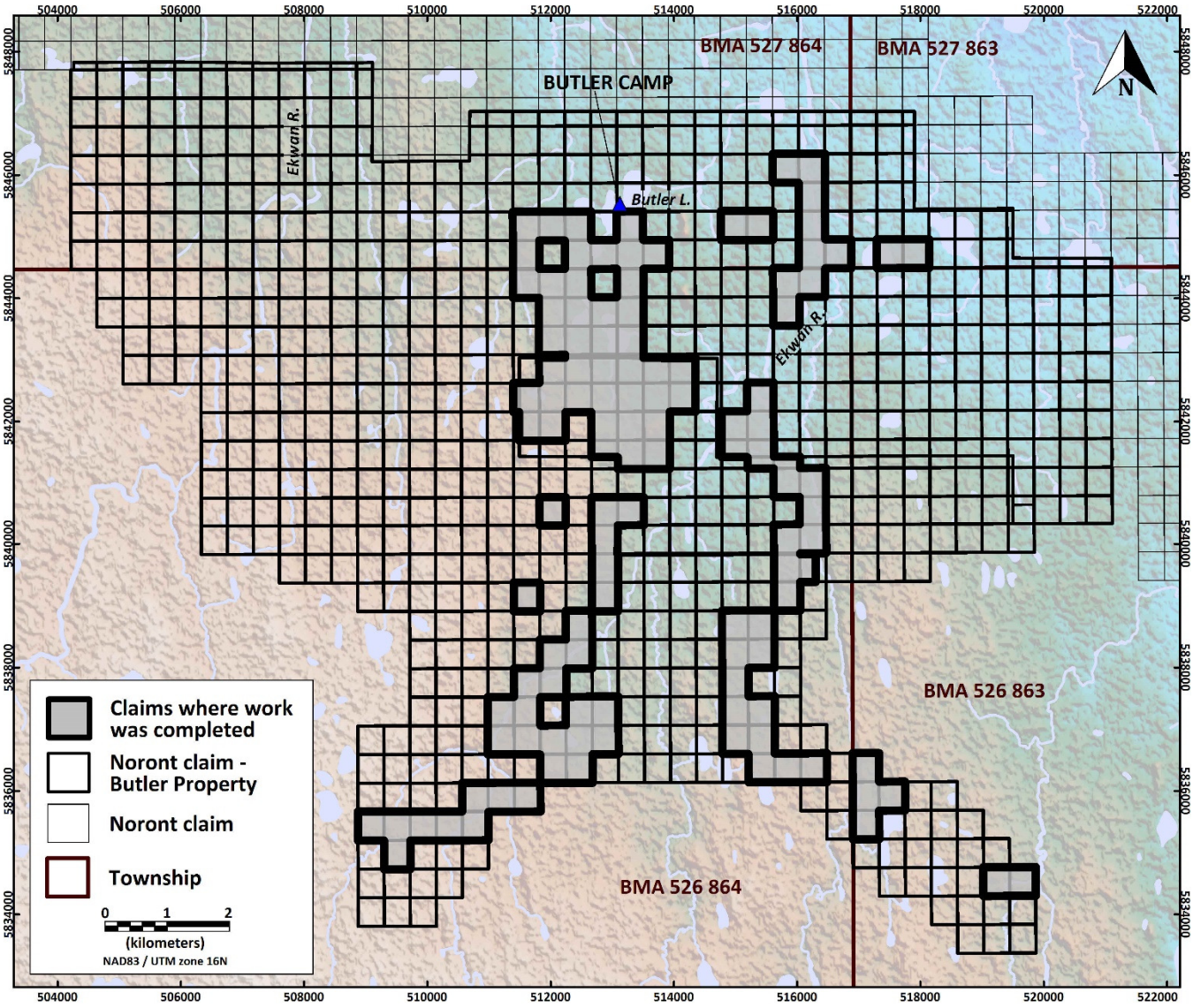

Figure 3: Claim map of the Butler property. DEM in background.

4. Geology

4.1 Regional Geology

The project area is situated in the Ring of Fire ('ROF') in Northern Ontario. This area is underlain by rocks of the northwestern part of the Archean Superior province, which is the world's largest continuously exposed Archean craton. The northwestern Superior province is composed of a series of major Mesoarchean volcanic and plutonic belts trending from west to east that each formed as separate microcontinents <3.0 Ga and are separated by younger Neoarchean metasedimentary belts and crustal-scale faults. These continental fragments underwent rifting and lateral transport through processes considered to be a mixture of modern horizontal plate tectonics (such as those presently operative in largely oceanic domains such as the western Pacific Ocean) and vertical plate tectonics (those that would have occurred during the Archean when the continents were thinner, hotter, and less dense). Later subduction of the oceanic crust between these microcontinents eventually led to their collision and amalgamation to form the current geometry of the Superior province (**Fig. 5**).

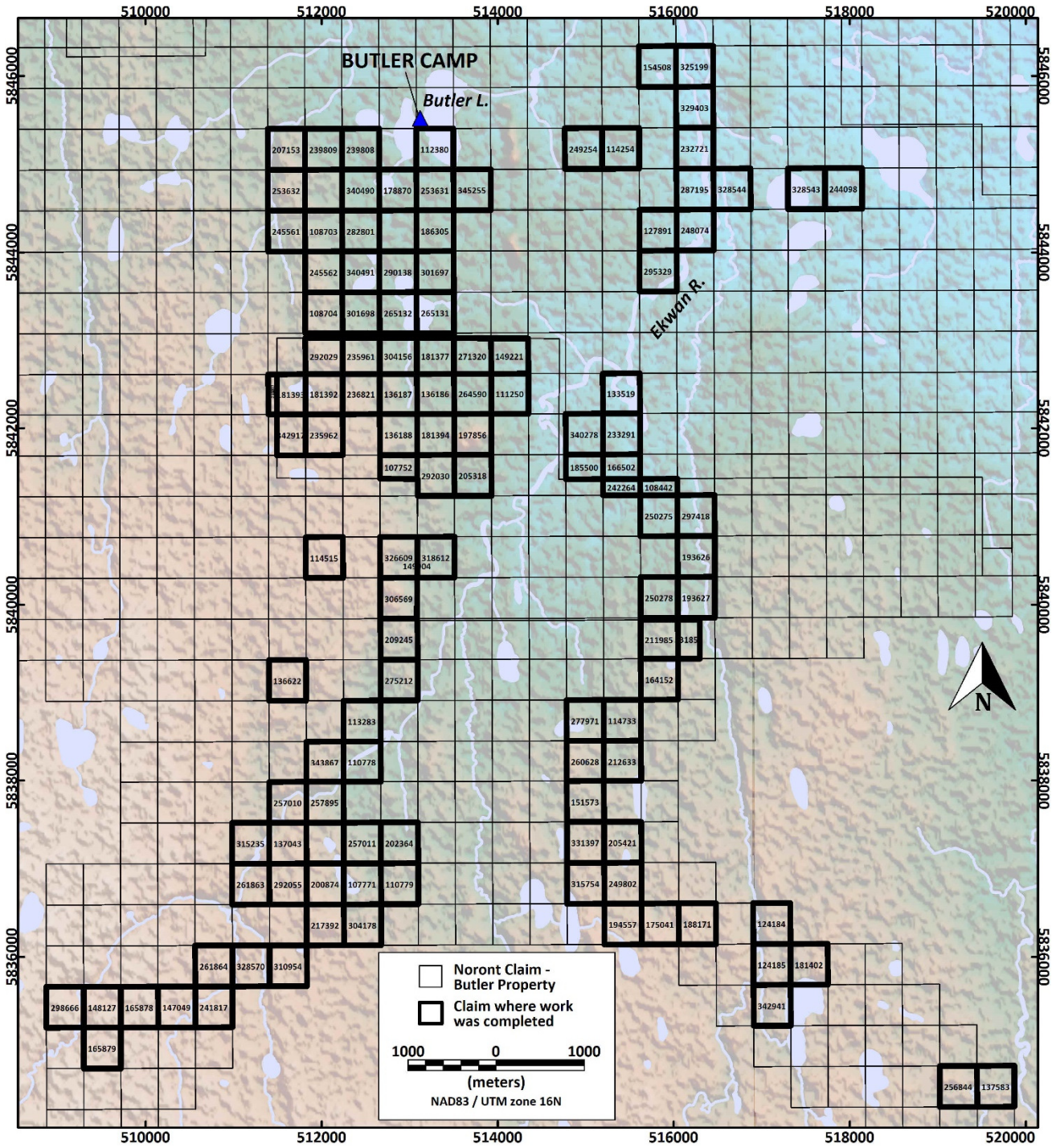

Figure 4: Claims worked on the Butler property during the current exploration program. DEM in background.

The project areas lie within the McFaulds Lake Greenstone Belt, which lies within the North Caribou terrane of the western Superior province (Stott et al. 2010; Stott 2011; **Figs. 5**, **6**), formerly known as the Sachigo subprovince and the North Caribou superterrane (Rayner and Stott 2005; Percival et al. 2006; Stott 2007, Percival and Easton 2007). The North Caribou terrane is comprised of a centrally-located core flanked by the Island Lake domain in the north and west, the Uchi domain in the south, and the Oxford-Stull domain in the north and east (Percival and Easton 2007, Stott et al. 2010; Stott 2011). The terrane is dominated by two major periods of plutonic and

metamorphic activity at 2895-2890 Ma and 2860-2850 Ma, but the subdomains within it (Island Lake, Uchi, and Oxford-Stull) contain evidence of Neoarchean magmatism and sedimentation (Stott et al. 2010).

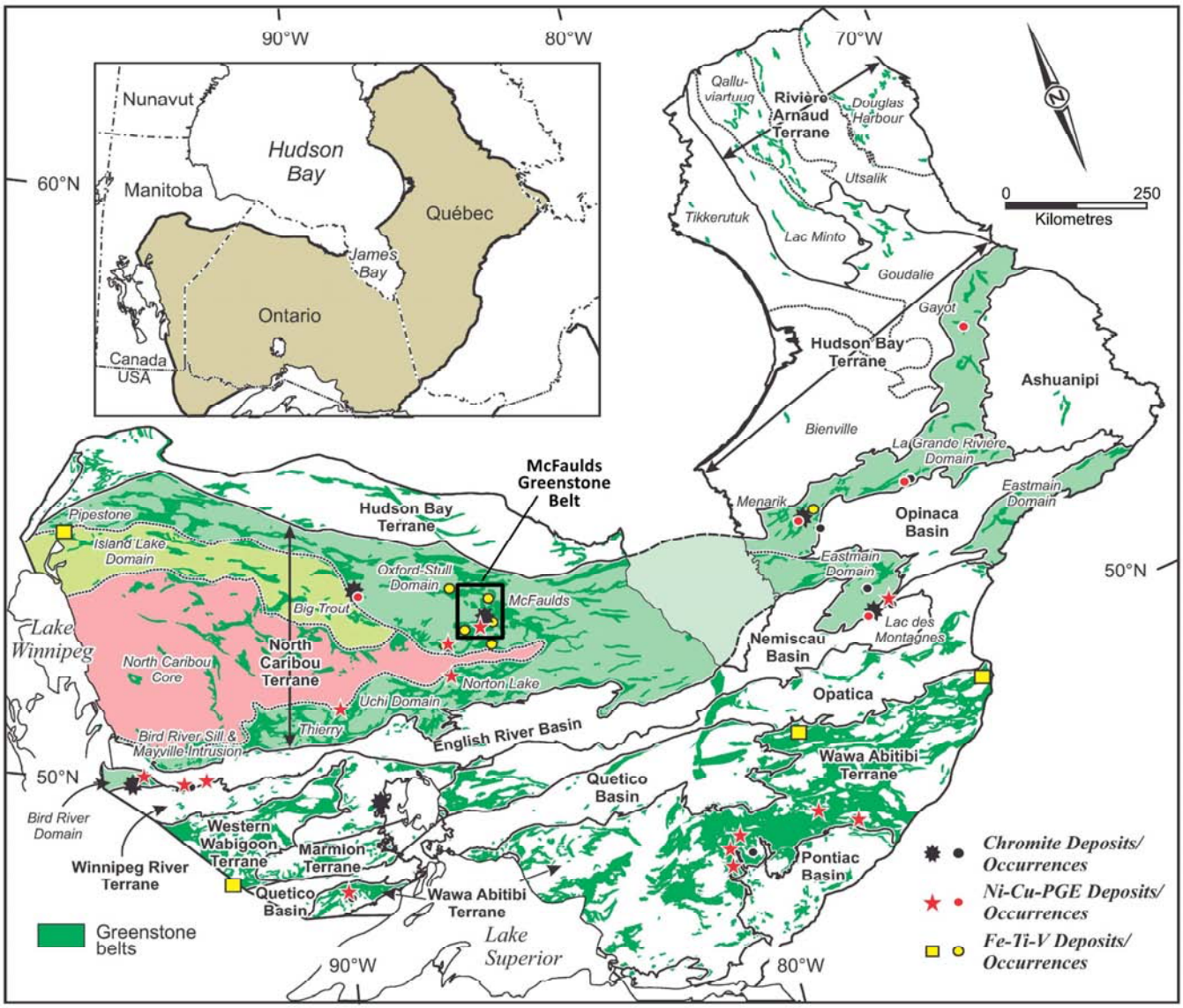

Figure 5: Schematic geological map showing the main Archean Cr, Ni-Cu-(PGE), and Fe-Ti-(V) deposits/occurrences within the Superior province (from Houlé et al. 2015).

The Oxford-Stull domain (Thurston et al. 1991; Oxford-Stull subprovince of Rayner and Stott 2005), which contains the McFaulds Lake Greenstone Belt at its eastern limit of exposure, runs northwest-southeast and forms the northern and eastern portions of the North Caribou terrane. It stretches from northwestern Manitoba to north-central Ontario where it extends under the Paleozoic cover rocks of the James Bay Lowlands (**Fig. 6**). The domain is one that represents largely juvenile, 2880-2730 Ma (Neoarchean) continental crust that was accreted upon the northern margins of the 3 Ga (Mesoarchean) North Caribou terrane that was tectonically imbricated with oceanic crustal fragments (Percival and Easton 2007). The tectono-stratigraphy of the Oxford-Stull domain includes multiple generations of tholeiitic and calc-alkaline metavolcanic rocks, clastic metasedimentary rocks and some iron formation ranging in ages from about 2880 Ma through about 2700 Ma. The various assemblages that make up the Oxford-Stull domain are cut by northwest-southeast trending regional-scale dextral shear/fault zones whose ages have been bracketed between about 2704 Ma and 2692 Ma (Percival and Easton 2007).

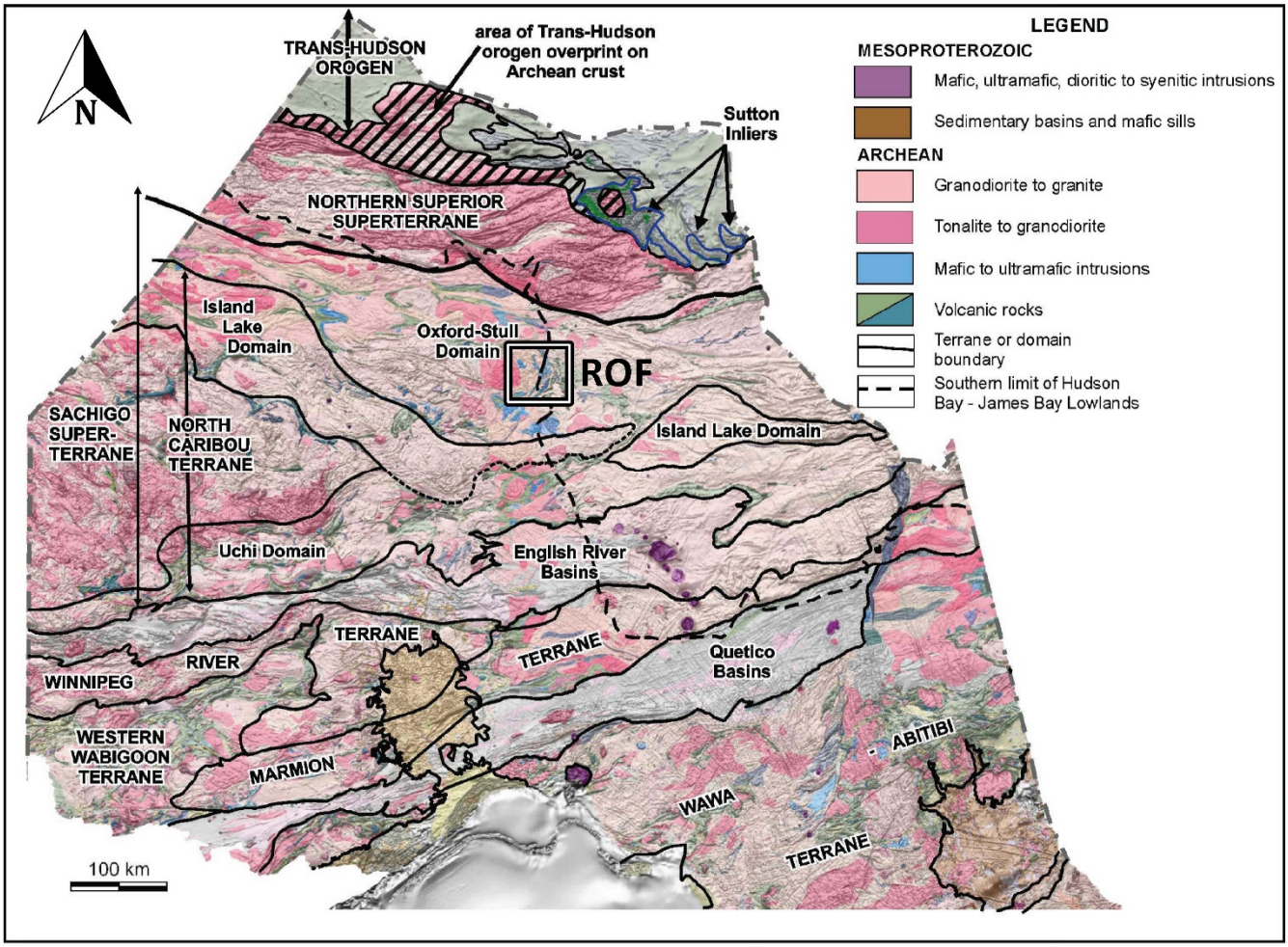

Figure 6: Geology of the Superior province in Ontario (from Stott 2011). The McFaulds Lake Greenstone Belt is in the centre of the figure.

The Stull-Wunnummin Fault Zone (SWFZ) demarcates the southern boundary of the Oxford-Stull domain and is a major ductile shear zone that separates the domain from the Island Lake domain and the rest of the North Caribou terrane. The southern contact of the Oxford-Stull domain with the Island Lake domain shows a prevalence of Mesoarchean zircon ages and isotopic evidence suggests that the two domains share a constructive history prior to the development of the SWFZ (Stott 2008). The northern boundary of the Oxford-Stull domain contains two major shear zones, the North Kenyon Fault Zone (NKFZ) and the South Kenyon Fault Zone (NKFZ). The NKFZ is a major ductile strike-slip deformation corridor that separates the entire North Caribou terrane from the Hudson Bay terrane to the north, which is recognized as another older (> 3.0 Ga) continental fragment (Stott et al. 2010), whereas the SKFZ lies further to the south within the Oxford-Stull domain. The ROF area is located between the SKFZ and the Ekwan Fault Zone (EFZ), which is locally referred to as the Webequie Shear Zone (**Fig. 7**).

4.2 Ring of Fire Geology and the McFaulds Lake Greenstone Belt

A key feature of the area is a prominent linear magnetic high (associated with laterally extensive formational conductors) that is continuous for up to tens of kilometers, and forms a semi-circle, ~70 kilometres in diameter from north to south, as seen on the regional airborne magnetic anomaly maps. This prominent linear magnetic high is known as the Ring of Fire (ROF). The ROF has been interpreted as a regionally extensive iron formation, or more probably a series of ferrogabbroic intrusions, that was deposited/intruded along the margins of a regional

scale granodiorite pluton or series of plutons, that had been intruded into and caused doming of supracrustal rocks of the Oxford-Stull domain. Along the length of the ROF magnetic high, it is generally intercalated with mafic to intermediate lavas and tuffs and intruded by a variety of mafic to intermediate sills and dykes.

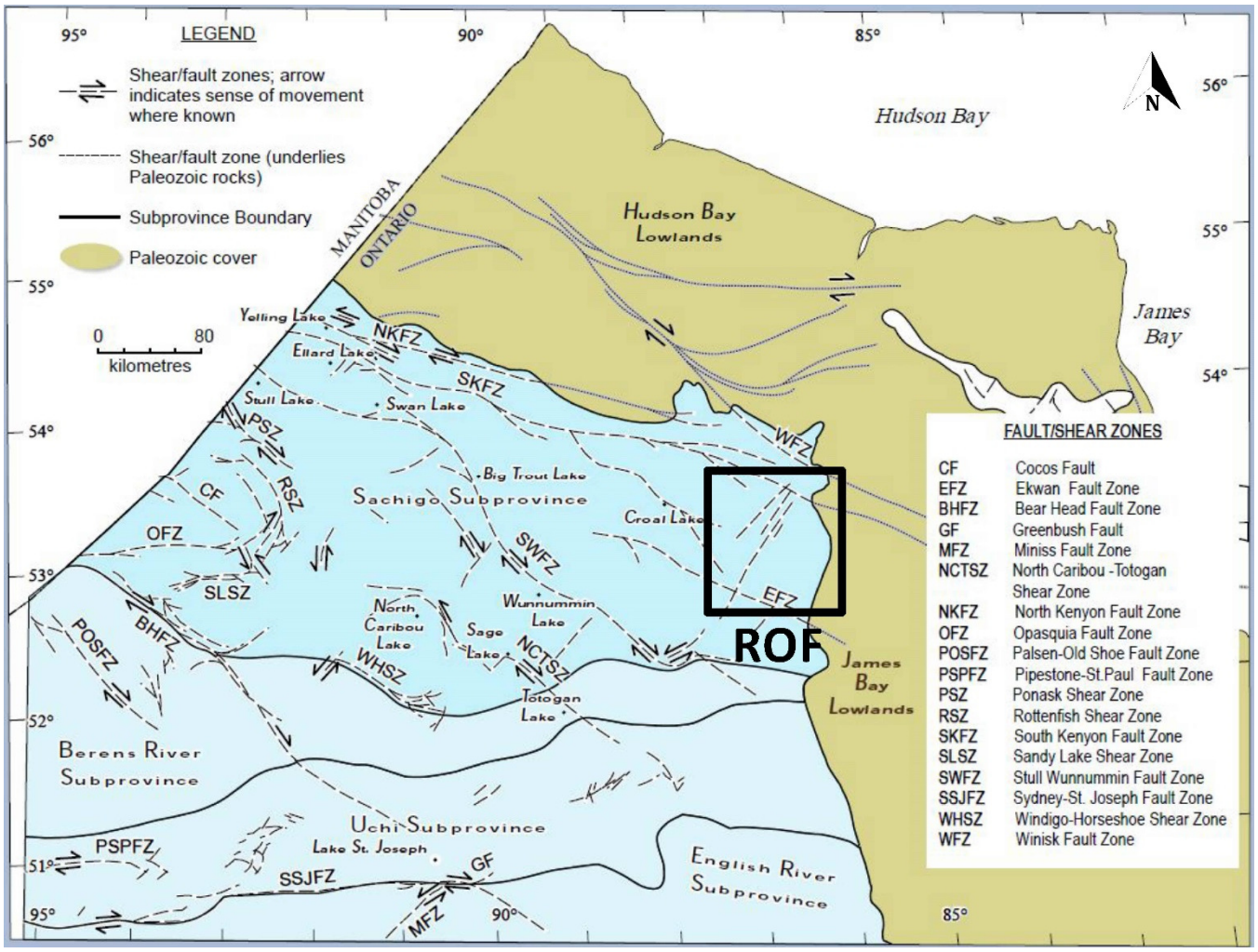

Figure 7: Summary of major shear zones in the Northern Superior province (from Rayner and Stott 2005).

Due to the near-total absence of outcrops, no such greenstone belt was recognized in the McFaulds Lake area until 1999 (Percival et al. 1999). Since then, however, much work has been done, sparked by the discoveries from 2003-2007. The McFaulds Lake Greenstone Bel, is comprised of six lithotectonic assemblages, which have all been age-dated and are listed from youngest to oldest: the Tappan Assemblage (< ca. 2702 Ma); the Muketei Assemblage (ca. 2734 Ma); the Winiskisis Assemblage (ca 2757 Ma, < ca. 2714 Ma); the Victory Assemblage (2797-2781 Ma); the Attawapiskat Assemblage (2820-2811 Ma); and the Butler Assemblage (ca. 2828 Ma; Mungall et al. 2010; Metsaranta and Houlé 2011, 2012, 2013, and 2017 a, b, c; **Fig. 8**).

The data suggests that the McFaulds Lake Greenstone Belt has had a complex history of volcanism, sedimentation, and deformation spanning from at least ca. 2828 Ma to 2702 Ma (Metsaranta and Houlé 2013, and 2017a, c). The Muketei Assemblage is the most fertile of the assemblages and is host to nearly all of the known occurrences in the Ring of Fire, including the major ultramafic Ni-Cu-PGE and chromite deposits (Eagle's Nest, Black Thor, Blackbird, Big Daddy), as well as the McFaulds Lake VMS deposits and occurrences (**Fig. 9**).

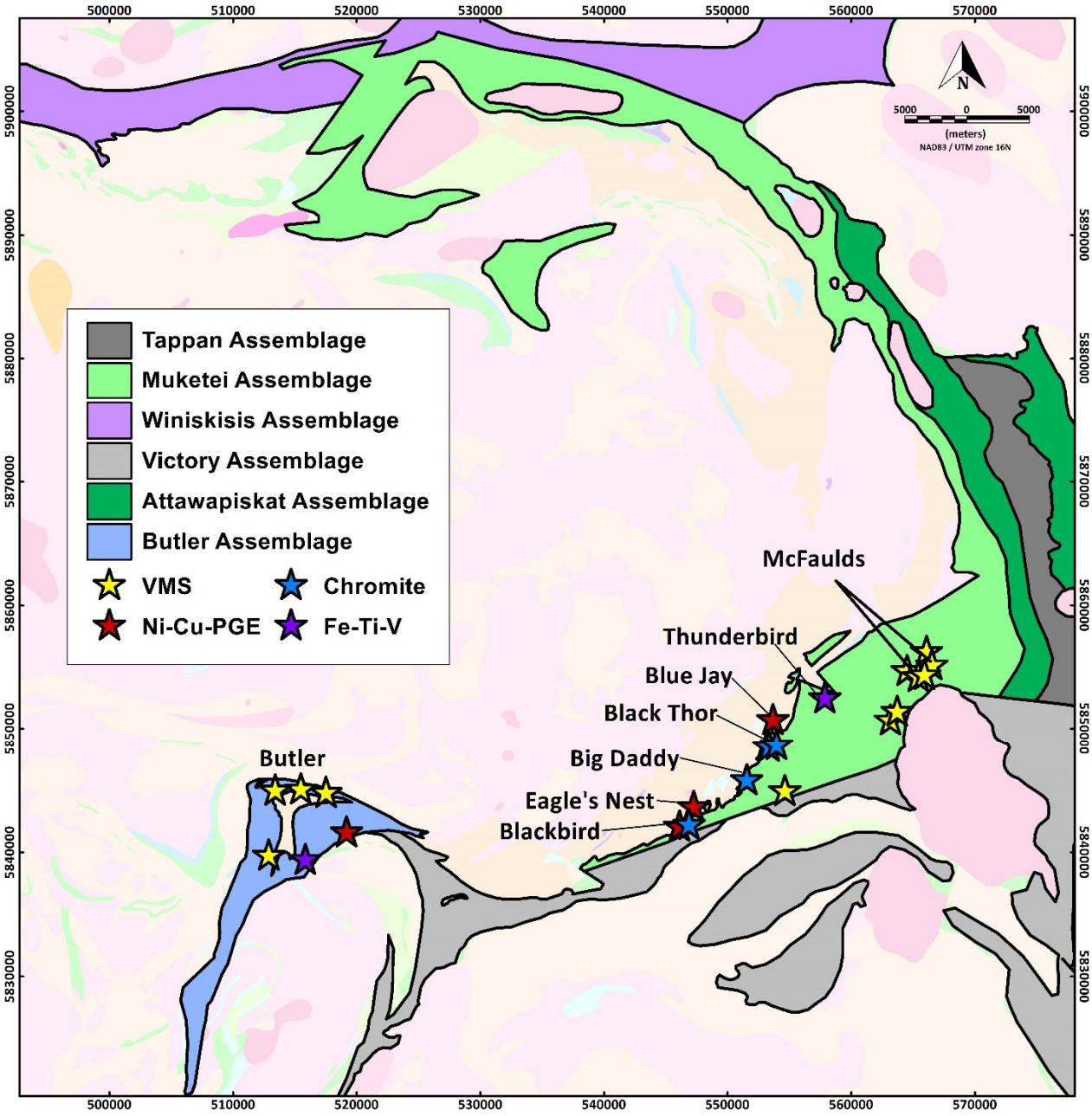

Figure 8: Assemblages of the McFaulds Lake Greenstone Belt.

4.2.1 Muketei Assemblage

The Muketei Assemblage displays a complex history of volcanism, sedimentation, and plutonism, with two ages of volcanic deposition, two ages of felsic plutonism, one mafic-ultramafic intrusive event, and one ferrogabbroic intrusive event. A period of mafic to felsic volcanism was the first to occur (with synvolcanic granitic intrusion) and has been dated at 2782.2 +/- 5.2 Ma (Mungall et al. 2010). This volcanism was proceeded shortly after by the intrusion of large tonalitic bodies at 2773.4 +/- 0.9 Ma (Mungall et al. 2010; Metsaranta and Houlé 2017a, c). This event in turn was proceeded by a very significant and short period of intermediate to felsic volcanism and mafic to ultramafic intrusion at 2734 Ma, which marks the main deposition of the Muketei Assemblage (Mungall et al. 2010; Metsaranta and Houlé 2011, 2012, 2013, and 2017a, c). Many drill core samples from a variety of rock types in the Muketei Assemblage have been age-dated and all have been found to lie, within error, very close to this date. Ultramafic sills and dykes, which host the Ni-Cu-PGE and Cr deposits, and which also cut the 2773.4 Ma

footwall tonalite, have been dated at 2734 Ma. Intermediate volcanics, which lie stratigraphically beneath and above the felsic volcanics which host the McFaulds Lake VMS deposits and occurrences, have been dated at 2734 Ma as well. Finally, the ferrogabbroic intrusions, which host the Fe-Ti-V-P mineralization in the ROF, have an age of 2733 Ma. Late granitic intrusions cap the activity in the area and have been dated at ca. 2728 to 2698 Ma (Metsaranta and Houlé 2017a, c; **Fig. 9**).

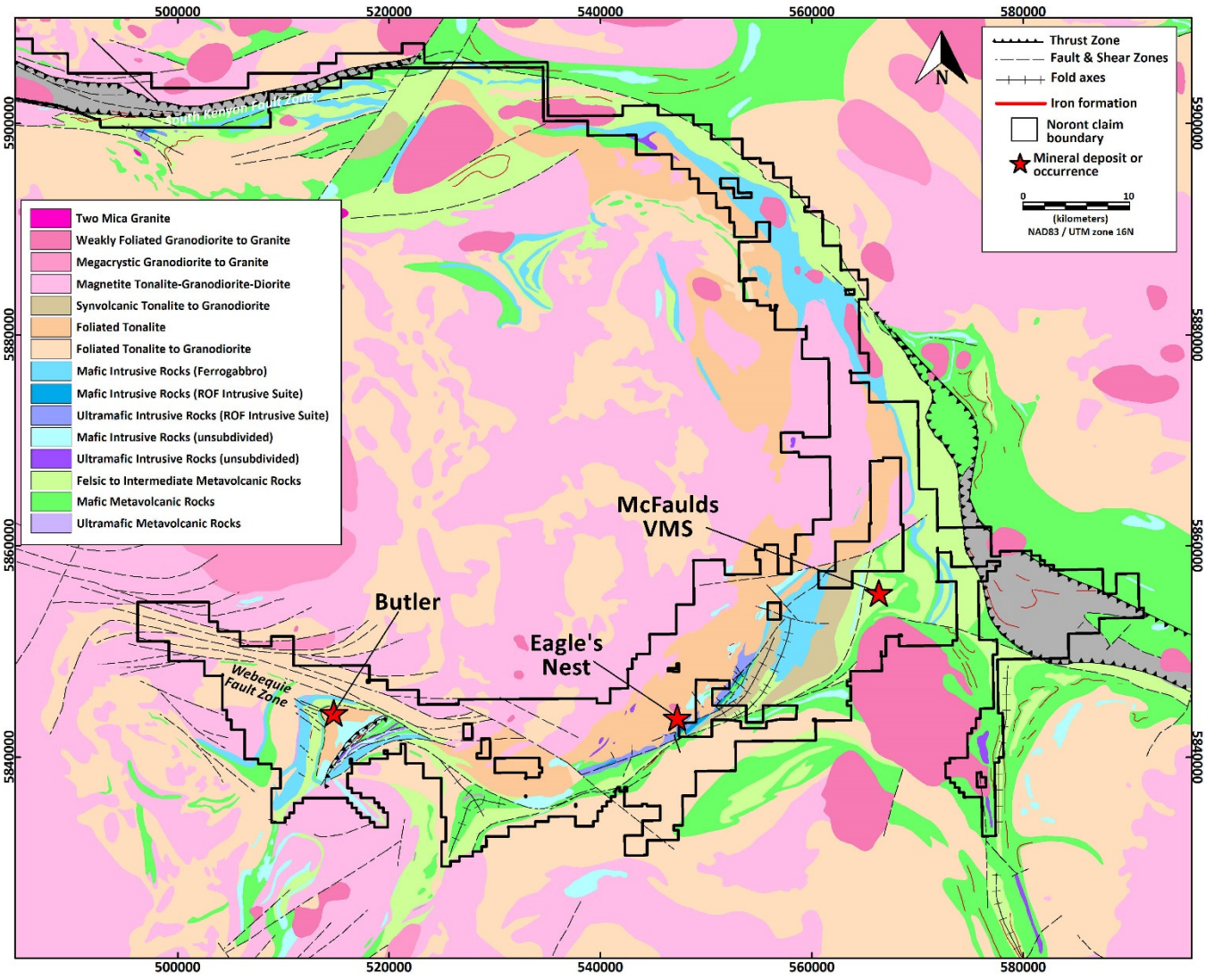

Figure 9: Geology of the McFaulds Lake Greenstone Belt.

4.2.2 Butler Assemblage

The ca. 2828 Ma Butler Assemblage is characterized by thin sub-parallel magnetic linear features that define the local intrusive-volcanic-sedimentary stratigraphy and is divided into prominent western and eastern limbs cored by a large tonalitic intrusion of the same age (2773 Ma) as the footwall tonalite at Eagle's Nest. The western limb comprises an overturned succession of felsic to intermediate volcanic rocks with footwall mafic intrusive rocks, and the eastern limb comprises a possible thrust-repeated succession of mafic volcanics with interlayered mafic to ultramafic intrusive sills with minor felsic volcanic intervals. Younging directions on both limbs indicate facing directions to the southeast.

The assemblage is affected by at least two deformation events. Isoclinal folds on the eastern limb have axes plunging to the southwest with axial planes striking parallel to the stratigraphy. This folding likely represents the first deformation event in the area and possibly contributed to the development of a foliation. A second deformation event is related to the regional-scale dextral Webequie Shear Zone, which appears to create a broad regional drag fold. Here, the northern margins of both limbs are terminated against the shear zone and are bent towards the east by it. An observed fold axis in the Butler hinge area on the western limb plunges to the west-northwest parallel to the shear zone. The western limb is more sharply folded than the eastern limb.

The northern margins of the assemblage have been subject to strong deformation related to the Webequie Shear Zone. The southern margin of the assemblage is deformed, folded and attenuated by large late felsic to intermediate intrusive bodies. To the west, the package appears to be bounded by older tonalitic rocks and migmatized supracrustal rocks, and to the east, by a variety of tonalitic to granodioritic intrusive rocks. Hydrothermal Mg-Fe (anthophyllite-garnet) alteration is extensive in some units on the western limb and the rocks are overprinted by amphibolite facies metamorphism, which is generally higher here than in other parts of the McFaulds Lake Greenstone Belt.

Two age dates from a felsic volcanic unit on the eastern limb constrain the age of the assemblage at between 2831 and 2828 Ma, however, no age determinations have yet been made on the western limb (Metsaranta and Houlé 2017a). The tonalitic intrusion lying in the magnetic low between the western and eastern limbs has an age date of 2773 Ma (Metsaranta and Houlé 2017a), which is the same age as the footwall tonalite at Eagle's Nest (in the Muketei Assemblage). This could suggest that the Butler and Muketei Assemblages were joined at some point prior to the Webequie shearing event. As well, if a thrust model is invoked in the Butler area, whereby the older eastern limb was thrust upon the presumably younger western limb (prior to the development of Webequie Shear Zone), then the VMS-rich western limb could be of Muketei Assemblage age (2734 Ma).

4.3 Geology of Noront Properties in the Ring of Fire

Several magmatic Ni-Cu-PGE sulfide occurrences, such as the Eagle's Nest and Blue Jay/AT12 deposits, are hosted in ultramafic dykes that lie structurally beneath the ROF magnetic high. Extensive layered ultramafic sills (which are considered to form the main intrusion) consisting of dunite, peridotite, pyroxenite, and chromite lie structurally on top of the aforementioned ultramafic dykes. The current theory for the formation of the Eagle's Nest magmatic sulfide deposit, as well as other nearby sulfide and chromite deposits, is that a mantle plume appeared beneath the margin of the North Caribou microcontinent around 2735 Ma. Passing up through extensional faults, the ultramafic komatiitic parental magma interacted with sulfide-bearing metasediments (including iron formation), causing saturation with sulfide liquid and the collection of massive to net-textured magmatic sulfides in short-lived orthocumulate-textured mush zones at the bases of dykes (Eagle's Nest, Eagle Two, AT12 deposits). In places, these feeders formed into substantial sills, and in these sills, in higher, longer-lasting sill-like feeders, chromite and olivine were segregated mechanically into layers and lenses from the highly contaminated komatiite magma (Blackbird, Black Creek, Big Daddy, Black Thor, Black Label deposits). The magma residual to the deposition of the sulfide, chromitite, dunite, peridotite and pyroxenite crystallized as a layered intrusion, leading to the deposition of anorthosite, ferrogabbro, and V-rich titanomagnetite layers (Thunderbird deposit). Heat-driven circulation of hydrothermal fluids through the older, pre-existing and overlying sedimentary and volcanic rocks caused the deposition of massive Cu-Zn sulfide mineralization (VMS) where these fluids vented at the sea floor during volcanism. Subsequent metamorphic fluid flow through shear zones caused the formation of mesothermal Au mineralization in the Triple J Gold occurrence directly adjacent to the Blackbird and Eagle Two deposits.

The Black Thor – Black Label Igneous Complex is a mantle derived, layered ultramafic intrusion, and was emplaced along the contact of the uplifted gneissic dome and the McFaulds Lake Greenstone Belt. Sulfide droplets separated

from the melt as an immiscible liquid and settled towards the base of the intrusion because of their greater densities, accumulating as massive sulfides in embayments and producing the basal contact zone sulfide mineralization (i.e. at the AT12 Extension, Contact Zone, F2 Zone, and NW Breccia Zone). Base and precious metals (Ni-Cu-PGEs) were scavenged from the melt into sulfide droplets due to their chalcophile affinity. The ultramafic magma became oversaturated in chromite via magma mixing, contamination, a decrease in oxygen fugacity, and/or an increase in pressure, which led to the chromite mineralization seen in the Black Thor and Black Label areas. Continual pulses of magma led to further chromite mineralization. The Black Thor – Black Label Igneous Complex was subsequently intruded by a late websterite intrusion that crosscut and brecciated older rocks in the area. Sulfides were subsequently precipitated and possibly remobilized within magmatic breccias formed along the margins of the websterite intrusion (e.g. F2 Zone and NW Breccia Zone). The Black Thor – Black Label Igneous Complex was then intruded by a late biotite gabbro intrusion.

The Eagle's Nest deposit is a subvertically dipping body of massive and net-textured magmatic sulfide minerals (pyrrhotite, pentlandite, and chalcopyrite) and magnetite in the form of a sheet about 200 metres long, as much as several tens of metres thick, and at least >1000 metres deep. It strikes northeast-southwest and occupies the northwestern margin of a vertically inclined serpentinized peridotite dyke. Near the surface, the massive sulfides are confined to the northwestern tip edge of this intrusive body and are bordered to the south and southeast by thicker zones of net-textured sulfides, which are hosted by serpentinized peridotite. At depth, there are occurrences of massive sulfides further to the east within the dyke, although they tend to be concentrated near the western and northern extremities. The dyke is closed off both at its northern and southern ends and plunges vertically or very steeply to the south.

The McFaulds VMS deposits are situated within in a structurally controlled volcanic basin near the top of the Muketei Assemblage, stratigraphically above the ultramafic sills hosting the Ni-Cu-PGE and chromite resources and above the large Thunderbird layered ferrogabbro body. Age-dating by the OGS and GSC has determined the age of these underlying intrusive suites and the overlying volcanic succession to be virtually the same, suggesting the heat source for hydrothermal VMS mineralization at McFaulds may have been driven by cooling of these large, high-temperature magmatic bodies. The VMS deposits are hosted within a northeast trending and northwest facing sequence of altered felsic to intermediate tuffs and lesser flows. There exist four main VMS horizons on the property. From bottom to top these are the: i) Tamarack horizon, ii) MCF No.1–No.3–No.8–No.9–No.10–No.6 horizon, iii) MCF No.2 horizon, and iv) MCF No.4–No.5 horizon, although the geological model is currently being re-defined as work progresses. Mineralization consists dominantly of copper-zinc rich banded sulfides and stringers. Broad zones of chlorite alteration mark the exhalative horizons with intense talc-magnetite zones immediately adjacent to or within the mineralized zones at McFaulds No. 1 and No. 3. The copper-rich nature of the mineralization along with the presence of talc-magnetite zones attest to the high-temperature nature of the VMS hydrothermal system at McFaulds. The most recent discoveries have been the McFaulds No. 8, 9, and 10 occurrences, with the most significant find being the McFaulds No. 8 deposit which was discovered in 2017. This deposit is currently defined to have a dip extent of roughly 600m, defining copper-zinc mineralization to a vertical depth of 830m below surface. The deposit remains open along strike and at depth. The deposit is also more zinc-rich than copper-rich, with the largest interval of mineralization reaching 2.1% Cu, 3.4% Zn, and 5.5 g/t Ag over 26.4 metres (massive sulfide). Drilling in 2019 defined a Cu-rich stockwork zone beneath the McFaulds No. 8 deposit, based off of the banded and copper-rich nature of the zones, the intensity and width of hydrothermal alteration, and the marked change in orientation and stratigraphic position of this stockwork zone as opposed to the VMS orebody. It is suspected that this footwall stockwork zone is proximal to the vent source for the McFaulds No. 3 and No. 8 deposits.

4.3.1 Butler Property Geology

The Butler property is situated within the ca. 2828 Ma Butler Assemblage of the McFaulds Lake Greenstone Belt and contains the oldest known geological units in the ROF. It is characterized by thin sub-parallel magnetic linear features that define the local intrusive-volcanic-sedimentary stratigraphy and is divided into prominent western and eastern limbs cored by a large tonalitic intrusion of the same age (2773 Ma) as the footwall tonalite at Eagle's Nest. Only the eastern limb and tonalite core of the assemblage have been age-dated, and thus the possibility remains that the western limb is of Muketei Assemblage age. The property is strongly deformed by the Webequie Shear Zone, which bounds the property to the north and folds the western limb, and to a lesser extent the eastern limb, to the east-southeast in a large regional drag fold (**Fig. 10**).

All four of the significant VMS occurrences (Butler 1 to 4) occur along the western limb and of the Butler property (Butler 1 and 2 on the east-west striking arm, Butler 3 in the fold hinge, and Butler 4 in the north-south striking arm) where volcanic units dip sub-vertically (are overturned), and young to the east and south based on alteration patterns and volcanic successions. From west to east, the stratigraphy is floored locally by ultramafic cumulates and laterally extensive stacked gabbro to ferrogabbro sills injected into a felsic volcanic and non-magnetic siltstone sequence which progresses upwards (to the east and south) into interlayered felsic tuffs, lapilli tuffs, breccias and sub-volcanic sills with local successions of magnetic siltstone and epiclastic felsic tuffs.

The felsic volcanic to volcaniclastic and sedimentary rocks host the laterally continuous and conductive exhalative horizon and VMS-mineralized occurrences. In addition, the Zn-Cu rich VMS mineralization is largely associated with the upper felsic tuffaceous units on the eastern/southern sides of the limb, where strong hydrothermal alteration assemblages of biotite+/-anthophyllite-cordierite-chlorite-garnet are documented in footwall lithologies to the inferred hydrothermal vents. Of the four Butler VMS occurrences, Butler 3 and 4 have the thickest intersections of Zn-Cu mineralization. The top of the stratigraphic sequence is capped by a laterally continuous magnetic feature interpreted to be a ferrogabbroic sill. The basal gabbroic to ferrogabbroic sills may represent multiple thin pulses intruding the volcanic strata or may represent a single large differentiated mafic intrusion, but importantly they display well-preserved igneous interlayering of gabbroic units suggesting a younging direction to the east-southeast as well.

The geology of the eastern limb is much more mafic dominated and lacks the extent of felsic volcanism. From west to east, the geology is dominated by mafic volcanic units, locally with low-grade VMS mineralization, intruded by gabbro and ferrogabbro sills. To the northeast along strike, a panel of interlayered ultramafic and gabbroic-ferrogabbroic sills intrude the volcanic sequence and locally contain wide intercepts of low-grade Ni-Cu-PGE mineralization associated with peridotite and ferrogabbro sills (Butler 5). Ferrogabbro and gabbro sills dominate the eastern margin of the eastern limb and locally contain magmatic V-Ti mineralization associated with cumulate ilmenite-magnetite layering (Butler 6). Based on geochemical analyses, the intrusive rocks in the Butler 5 area contain a series of sub-parallel fractionated ultramafic and ferrogabbroic sills containing accumulations of barren sulfides as well as accumulations of Ni-bearing sulfides. Interestingly, the fractionated ultramafic sills appear to contain only minor amounts of barren sulfide, whereas the fractionated ferrogabbroic sills contain the low-grade Ni-sulfide mineralization in the area. In the ultramafic sills, comparative geochemistry indicates that these have the same fractionation components as the Eagle's Nest magmas whereas the ferrogabbroic sills are similar to Pechenga ferrogabbros and not Eagle's nest magmas. On the basis of a normal fractionation sequence (olivine cumulates to feldspar cumulates) in the ultramafic sills, the sills are interpreted to be younging to the southeast.

The area is affected by at least two deformation events. Isoclinal folds on the eastern limb have axes plunging to the southwest parallel to the stratigraphy, and this likely represents the first foliation-forming deformation event in the area. The second deformation event is related to the regional-scale dextral Webequie Shear Zone, which appears to create a broad regional drag fold by bending both limbs towards the east. In the Butler 3 hinge area, the fold axis plunges to the west-northwest parallel to the shear zone.

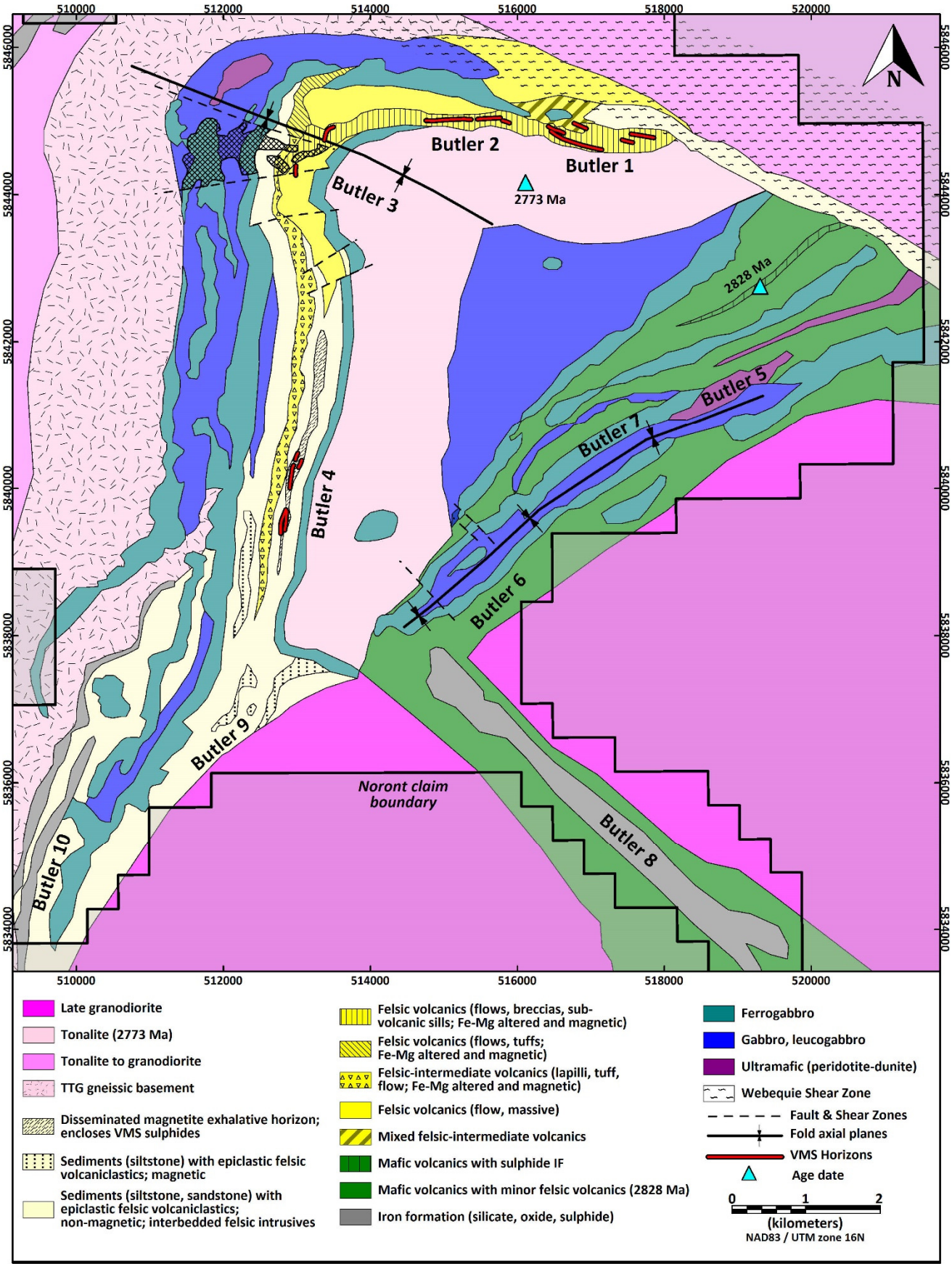

Figure 10: Geology of the Butler property.

Age dating of the Butler Assemblage has constrained only the eastern limb at 2828 Ma but no age determinations have yet been made of the western limb. As both limbs young to the southeast, a thrust-fault model for the Butler Assemblage is favoured whereby older rocks in the eastern limb may have been thrust upon younger rocks of the western limb prior to the Webequie shearing event. This could suggest that the western limb is be of Muketei Assemblage age (2734 Ma).

5. Butler Exploration Program

The 2018 Phase 2 exploration program on the Butler property consisted of a systematic review of historical drill core from all of the mineralized occurrences (Butler 1 through 10) in conjunction with geological field mapping of identified outcrops. This was undertaken in order to generate a unified geological model of the greenstone stratigraphy, alteration and mineral potential with the aim of guiding future exploration targeting.

At least 11 principle exploration areas have been targeted on the Butler property since work began in 2003: Butler 1 through 4 and 9 through 11 for Zn-Cu-Ag-Pb VMS, and Butler 5 through 8 for Ni-Cu-PGE, Ti-V, and Cr. The Butler 1 through 4 Cu-Zn-Ag-Pb VMS occurrences occur along a common stratigraphic horizon along the western limb of the Butler property. Butler 3 is located within the approximate hinge of the west-northwest plunging fold and has had the most exploration work completed to date. Butler 1 and 2 occur on the east-west striking arm of the limb (east of Butler 3), and Butler 4 occurs on the north-south striking arm of the limb (south of Butler 3). These four VMS occurrences are the most significant discoveries to-date on the Butler property and lie along portions of a 13-kilometre-long fertile exhalative horizon extending the length of the of the limb (**Fig. 11**).

5.1 Drill Core Re-Logging Program

5.1.1 Program Description & Personnel

To obtain a better understanding of the geology and the mineral potential of the area a drill core review program was executed between May 23-30, 2018. The program targeted areas that would maximize the understanding of the greenstone terrain. Priority drill holes focused on known Cu-Zn mineralized areas and the stratigraphy that hosts them, followed by a broad property-scale review to constrain the relationships between the various fold limbs and arms of the Butler area.

A total of 26 drill holes were reviewed at the Butler Lake site over the one-week period. Core was either laid out on the ground or on temporary core benches for review. Point data was collected for both portable XRF (pXRF) and magnetic susceptibility to confirm similar responses to the historic data. Core logging focused on major units, the stratigraphic sequence, facies changes within the stratigraphic sequence and the style of mineralization when present. Field notes were taken and compiled and core photos taken.

Drill holes reviewed are grouped together as target areas beginning with Butler 3. Reviewed areas then progress south down the western limb (Butler 3 South, Butler 4 and Footwall, Butler 9, Butler 10). The next area jumps over to the southeast limb area (Butler 8), as these rocks appear similar to Butler 10. Butler 1 and 2 are summarized next as a progression from east to west back towards Butler 3 on the northern arm of the western limb. Finally, the Butler 6 area is summarized (**Fig. 12**).

Noront's exploration team consists of Ryan Weston (VP Exploration), Matt Deller and Geoff Heggie (Senior Geologists), and Matt Downey (Manager, Lands & Data). They were involved in the planning and execution of the exploration program. Each hole was re-logged concurrently by Ryan Weston and Geoff Heggie and notes were compared at the end of the program to compile summaries for each hole. Core logging was completed with the

assistance of Curtis Coaster (Noront geotechnician) at the Butler Lake site. Activation Laboratories ('Actlabs') of Thunder Bay, Ontario, analyzed the drill core samples.

Noront strives to hire from local communities whenever possible. Over the last two years, our exploration team has consisted of 65% local First Nation workers, with Webequie and Marten Falls representing 75-80% of that First Nation workforce. We remain committed to hiring from Webequie and Marten Falls first. Active roles include cook-medics, kitchen staff, camp support, and field and geological assistants. Training and capacity building of First Nation employees remains a priority for Noront.

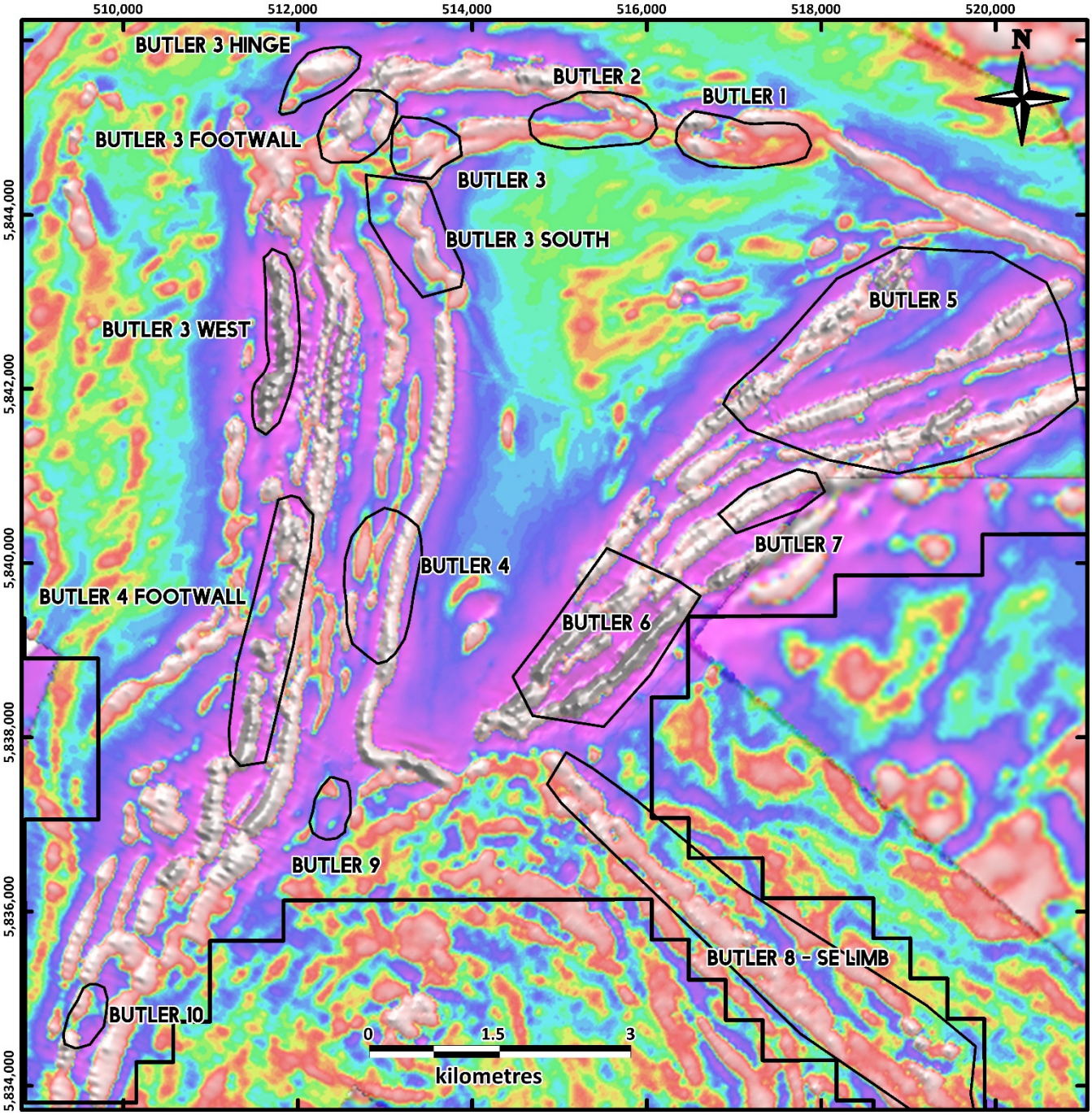

Figure 11: Target zones on the Butler property. First vertical derivative of airborne magnetic data in background.

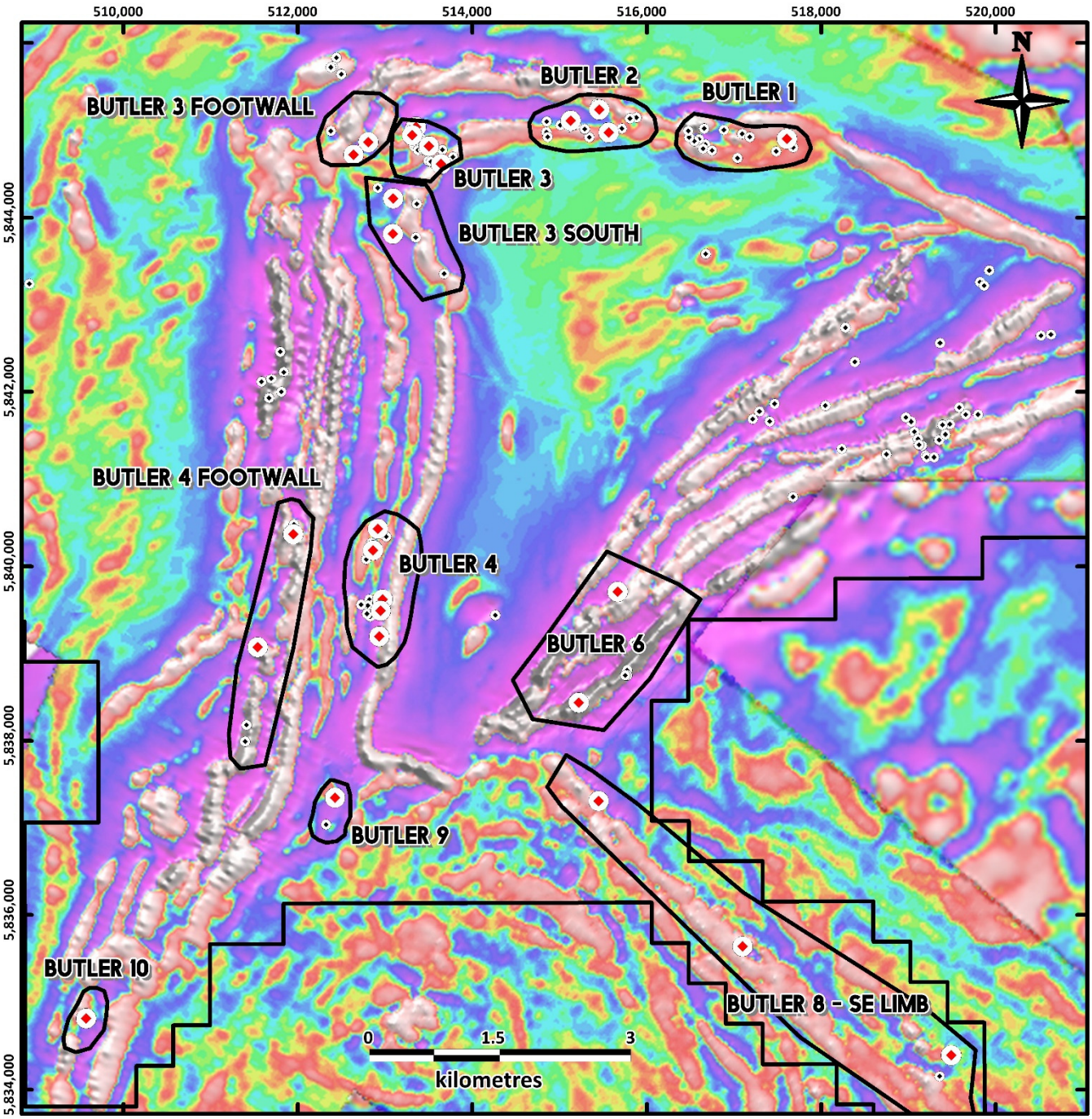

Figure 12: Target zones for drill core re-logging. Black symbols are collar locations; red symbols are collar locations of re-logged holes. First vertical derivative of airborne magnetic data in background.

5.1.2 Quality Assurance and Quality Control (QA/QC) Program

Noront maintains a strict QA/QC protocol for all its drilling and core relogging programs. Core logging and sampling is performed on-site under the supervision of geologists licensed by the Association of Professional Geoscientists of Ontario (APGO). Reference standards, field blanks, and duplicates are inserted into the sample stream at regular intervals. Once cut, drill core samples are labelled and sealed in individual bags then grouped into batches for shipping to Thunder Bay via Nakina under chain of custody documentation.

Samples are submitted to Activation Laboratories (Actlabs), an ISO-17025 certified laboratory in Thunder Bay, for sample preparation and multi-element analysis. This includes fire-assay for precious metals and total-digestion ICP-OES for base metals (exclusive of chromium which is analysed by XRF). Samples exceeding analytical upper limits are automatically run for over-limit analysis. Analytical results are sent electronically by Actlabs to a database manager at Noront whereupon the company's internal standards, duplicates and blanks are reviewed for accuracy, precision and the presence of possible contamination. QA/QC results for each batch are reviewed by a Noront Qualified Professional prior to accepting and importing new assays into the database. All assays reported in this assessment report passed the Noront QA/QC program.

5.1.3 Program Results

Detailed summaries of each drill hole are presented below with associated strip logs attached as figures. **Table 6** is a collar table summarizing which holes were re-logged and their locations and attitudes. Drill logs, cross-sections, and assay certificates can be found in **Appendix 2**, and a full legend of the rock codes is presented in **Appendix 3**.

Target	Hole_ID	Easting	Northing	Elevation	Azimuth	Dip	EOH (m)
Butler 1	MN10-118	517605.9	5844903.0	190.1	140	-45	307.85
Butler 2	MN10-115	515127.0	5845110.0	186.9	190	-45	185.93
Butler 2	MN10-88	515563.3	5844975.2	189.1	353	-55	182.88
Butler 2	MN10-97	515455.0	5845235.0	186.3	7	-45	114.7
Butler 3	BP11-CU03	513353.0	5845037.0	187.0	165.8	-57.94	339
Butler 3	BP12-CU12	513501.0	5844818.0	187.0	285	-50	194
Butler 3	BP13-CU20	513641.0	5844616.0	201.0	300	-60	395
Butler 3	MN10-138	513310.7	5844944.0	191.8	135	-60	347.47
Butler 3 Footwall	BP12-CU08	512806.0	5844864.0	185.0	73.4	-62.2	500.84
Butler 3 Footwall	BP12-CU09	512637.0	5844721.0	185.0	283	-63	409.5
Butler 3 South	MN08-84	513088.0	5843816.0	188.7	52.5	-50	149.35
Butler 3 South	MN10-136	513091.1	5844219.8	191.8	90	-60	192.02
Butler 4	BP13-CU21	512917.0	5840429.0	197.0	100	-55	341
Butler 4	MN06-27	512970.0	5839620.0	193.1	270	-45	213.38
Butler 4	MN08-59	512932.0	5839196.0	192.8	105	-45	184.44
Butler 4	MN08-69	512948.0	5839492.0	191.8	285	-45	225.55
Butler 4	MN10-121	512861.5	5840184.2	199.6	90	-45	150.88
Butler 4 Footwall	MN08-60	511538.0	5839074.0	196.9	105	-45	155.45
Butler 4 Footwall	MN10-117	511946.3	5840368.5	201.6	97	-75	228.6
Butler 6	BP11-V05	515664.0	5839710.0	189.8	132	-50	249
Butler 6	MN10-110	515220.2	5838437.4	195.5	300	-62	195.07
Butler 8 / SE Limb	MN08-75	517099.0	5835640.0	194.1	40	-45	198.12
Butler 8 / SE Limb	MN08-76	515447.0	5837302.0	193.2	215	-45	112.78
Butler 8 / SE Limb	MN08-82	519490.0	5834395.0	193.5	235	-50	179.83
Butler 9	MN08-79	512425.0	5837340.0	192.0	304	-55	139
Butler 10	BP11-CU02	509573.0	5834816.0	201.9	313.27	-48.77	54
TOTALS:	**26 DDH**						**5946 m**

Table 6: Collar table of re-logged drill holes. Coordinates in NAD83/UTM 16N.

5.1.3.1 Butler 3

BP13-CU20 Drill hole summary

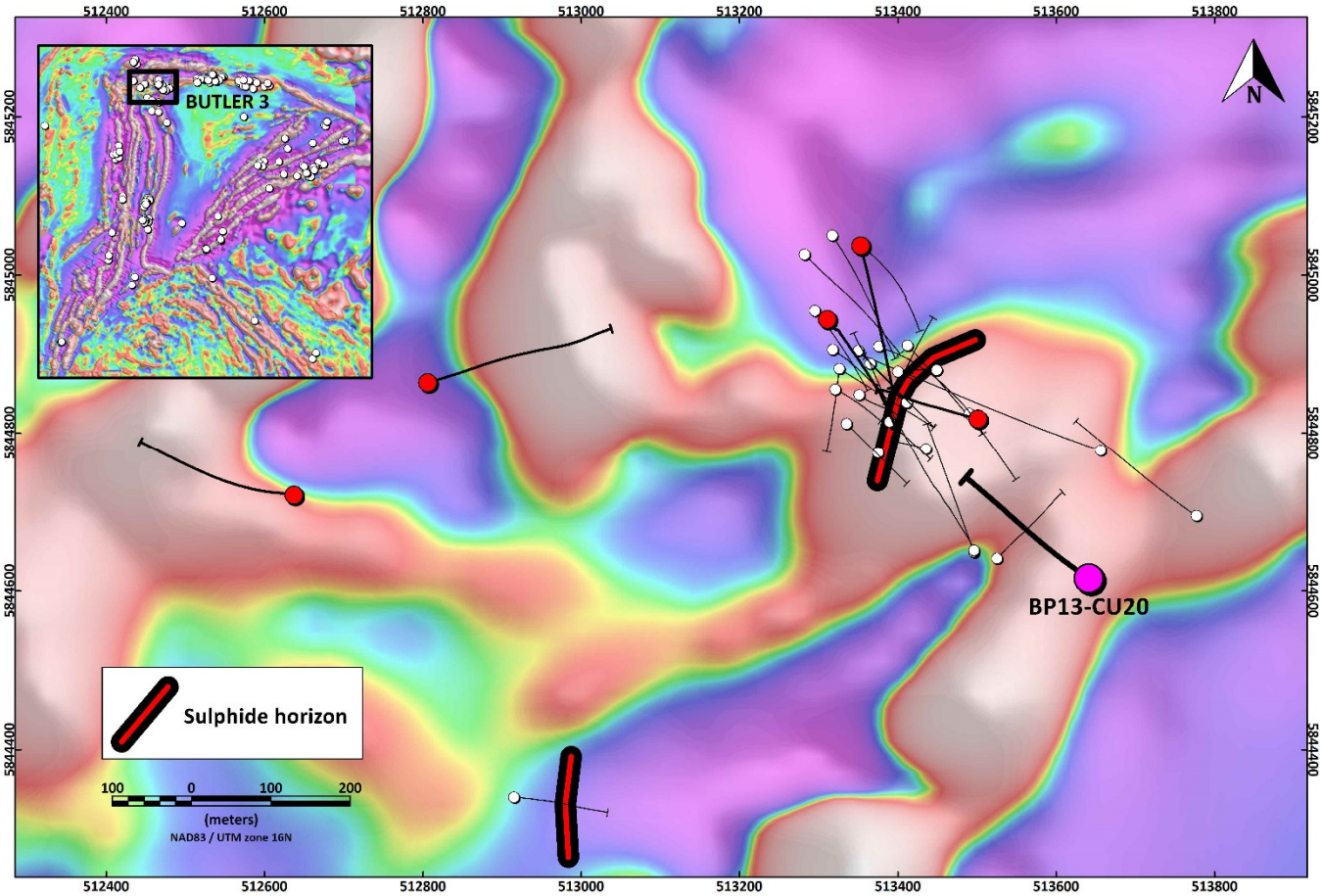

Figure 13: Butler 3 drill hole plan map with BP13-CU20 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 13, Fig. 14**) collars in massive felsic volcanics to a depth of ~60m where it grades into an intermediate volcaniclastic tuff intruded/interbedded with a ferrogabbro with a basal contact at 129m. Starting at 129m is a massive intermediate volcanic that is chlorite altered with minor biotite. A narrow interval with facies change occurs between 140-143m with interflow metasediments/volcaniclastics observed with strong foliation and disseminated and stringer sulfides (anomalous Cu assays). Extending below 143m is an intermediate volcanic ranging from massive to flow top brecciated. From 195m to 204m mafic flow/gabbro intrusion (possibly ferrogabbro) is observed. From 204-259.8m is an intermediate volcaniclastic unit (feldspar and quartz phenocrysts) with sericite alteration between 242-247m.

At 259.8m the rocks become dark in colour (possibly mafic) volcanic/volcaniclastic and continue to a depth of 287.3m where an intermediate volcaniclastic tuff is intersected until the end of the hole. The intermediate volcaniclastic is strongly deformed, with convolute quartz pods. This unit is quartz and carbonate altered at the contact and contains disseminated magnetite and trace garnet. Trace disseminated sulfide occurs below the contact, possibly defining an exhalative horizon. The drill hole ends in sericite and chlorite altered volcaniclastics that are all Na depleted, with strong silicification, minor garnet and disseminated sulfide at ~350m.

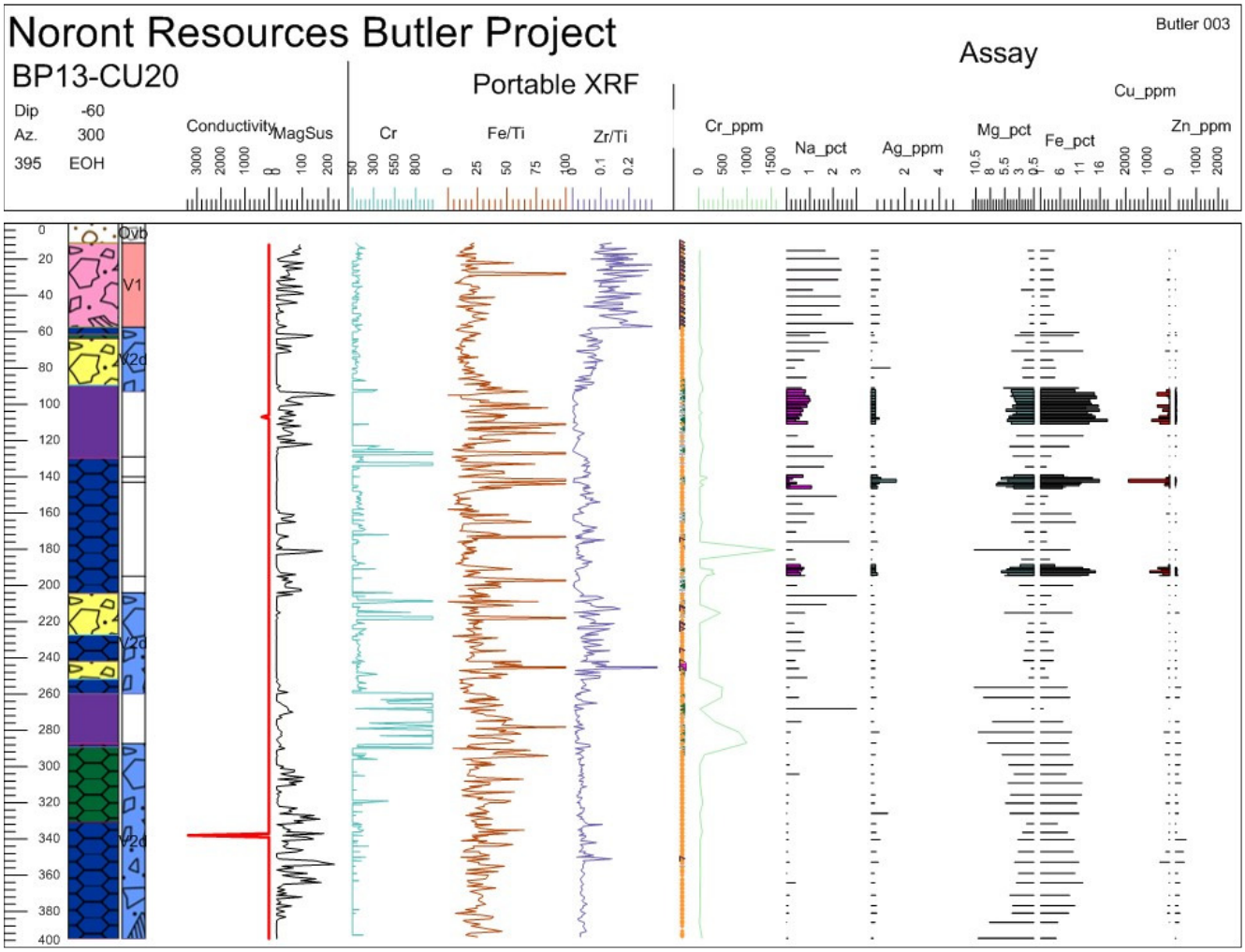

Figure 14: Strip log of BP13-CU20.

The interpretation is that the hole was collared in the hangingwall stratigraphy to Butler 3 and extends down through weakly developed exhalative horizons with an Na-depleted footwall. The drill hole may end in the hangingwall to Butler 3 and appears not to have intersected the main exhalative horizon.

BP12-CU12 Drill hole summary

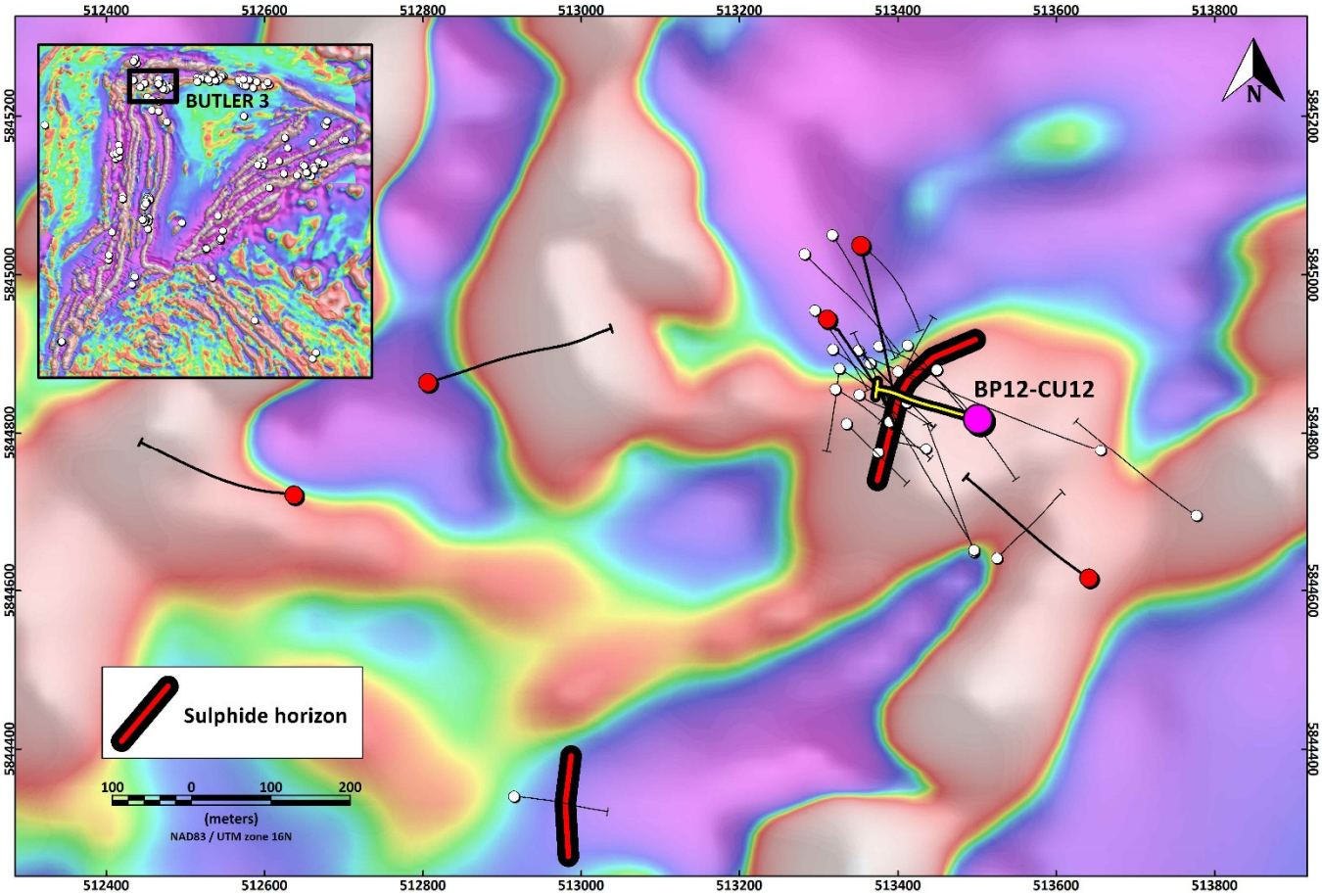

Figure 15: Butler 3 drill hole plan map with BP12-CU12 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 15, Fig. 16**) collars into felsic/intermediate volcanic. Unit appears massive with minor quartz phenocrysts and quartz filled amygdules and trace aluminosilicates throughout. Unit contains an interval of coarse fragmental at 56m with fine laminated metasediments/volcaniclastic tuffs and amygdaloidal units within. Fine convolute/folded bedding is observed with garnet occurring throughout. From 89m a sulfide zone occurs as replacement. Disseminated to blebby pyrite and pyrrhotite with strong sericite alteration and moderate Na-depletion. At 125m a felsic/intermediate amygdaloidal rich interval is observed with limited sericite alteration. At 134m a finely laminated garnet bearing tuff is observed and at 138m is the start of an exhalative horizon. Sulfide transitions from massive at the top grading down into disseminated to blebby granular replacement textures to 151.5m, sulfide continues below but appears as more disseminated-banded texture. At 165.4m a sharp end to the sulfide mineralization occurs with weak to moderate alteration of intermediate to felsic volcanic to end of drill hole.

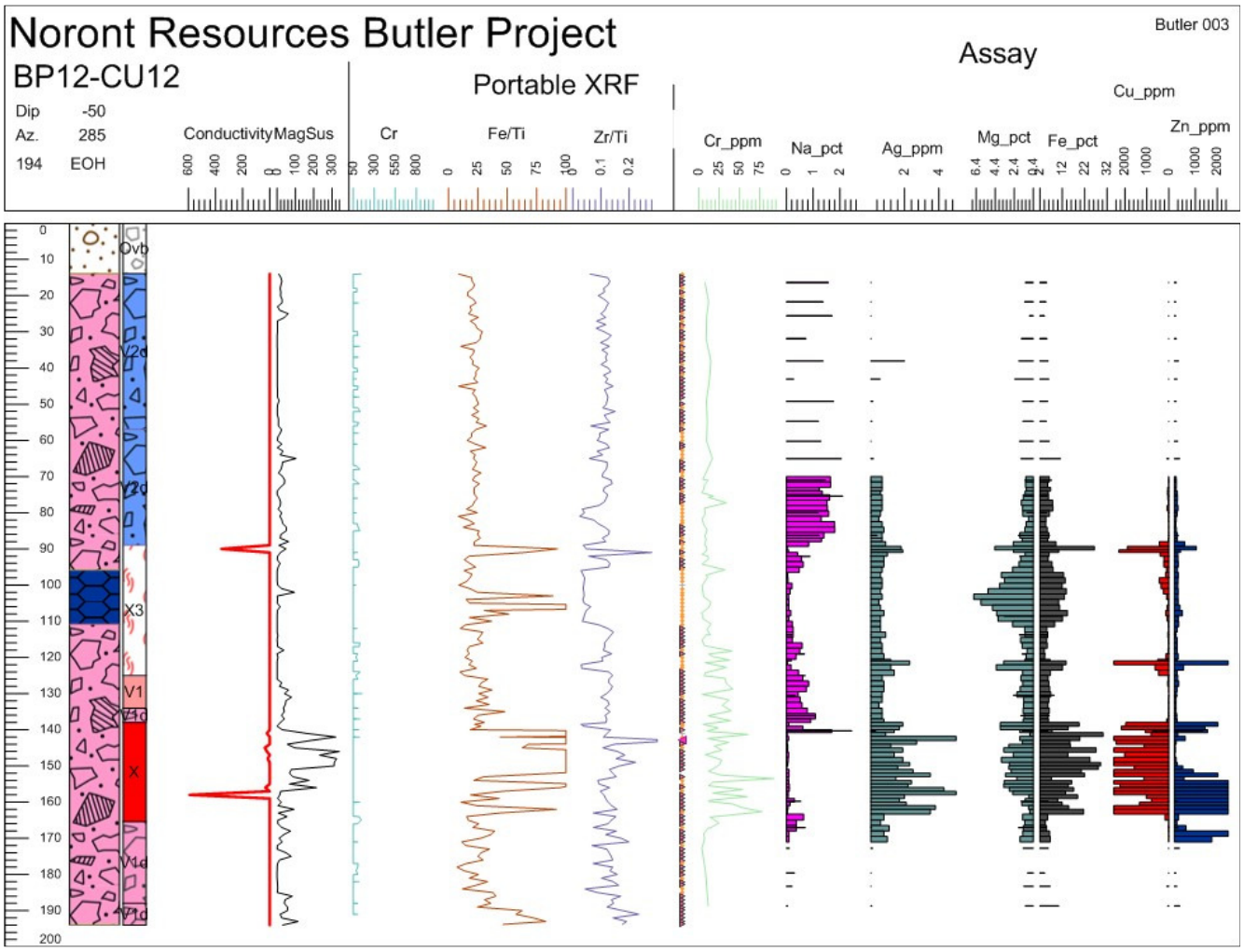

Figure 16: Strip log of BP12-CU12.

The interpretation is that the hole was collared into hanging wall stratigraphy to Butler 3, extends down through the Butler 3 exhalative horizon. Well-developed exhalative horizon with Na-depleted footwall.

MN10-138 Drill hole summary

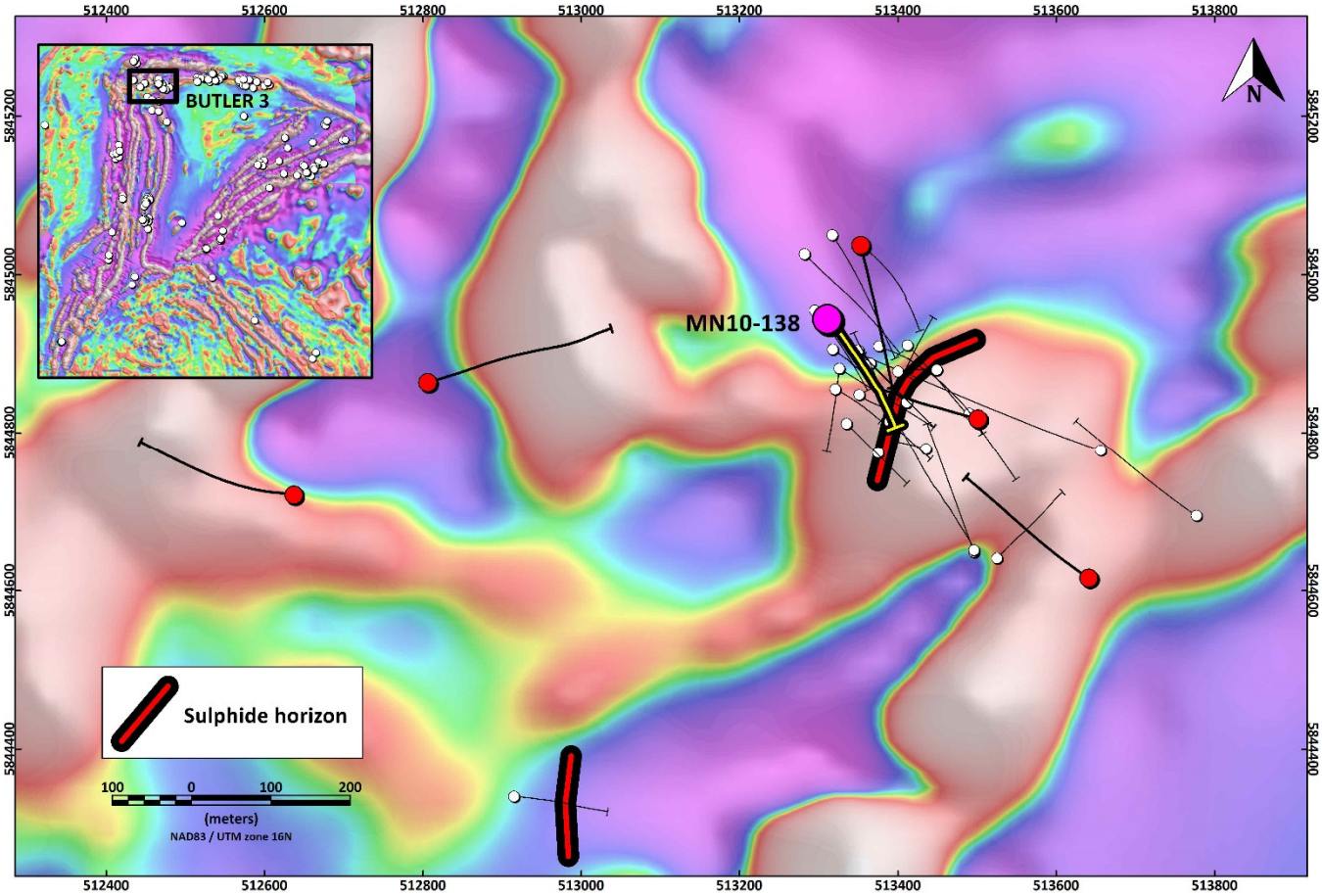

Figure 17: Butler 3 drill hole plan map with MN10-138 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 17, Fig. 18**) collars into intermediate volcanic tuff, massive to well bedded-laminated. Variably altered with magnetite, anthophyllite, biotite, sericite and continues to a depth of ~170m. Contained within are narrow intervals of felsic rock (intrusive or volcanic?) as observed from 110 to 116m is a dacite, white in colour with massive texture and medium grained and a second dacite unit occurring at 131.5-140.8m. The top of the intermediate volcaniclastic sequence occurs at ~170m and is demarked by silicate iron formation containing finely laminated magnetite with garnet, chlorite, sulfides, and grunerite. Stratigraphically above this (down hole) are felsic volcanic rocks progressively becoming more massive in the central portion with the unit ending at ~214m. Narrow intervals of amygdules are observed proximal to basal and top contacts.

Felsic unit is overlain by (214-252m) finely laminated/volcaniclastics grading into massive sulfide comprising pyrite and pyrrhotite with sphalerite as both replacement and massive bedded forming the Butler 3 exhalative horizon. Patchy garnet alteration occurs within the intercalated felsic volcanic unit with moderate sericite alteration.

From 252 to 267m intermediate finely laminated volcaniclastic tuff with moderate to strong foliation is observed. From to 267 to end of hole (347m) the sequence is dominated by intermediate to felsic volcaniclastic with a mix of finely laminated to amygdaloidal rich (e.g. 270m). Minor garnet occurs throughout with weak biotite and sericite alteration.

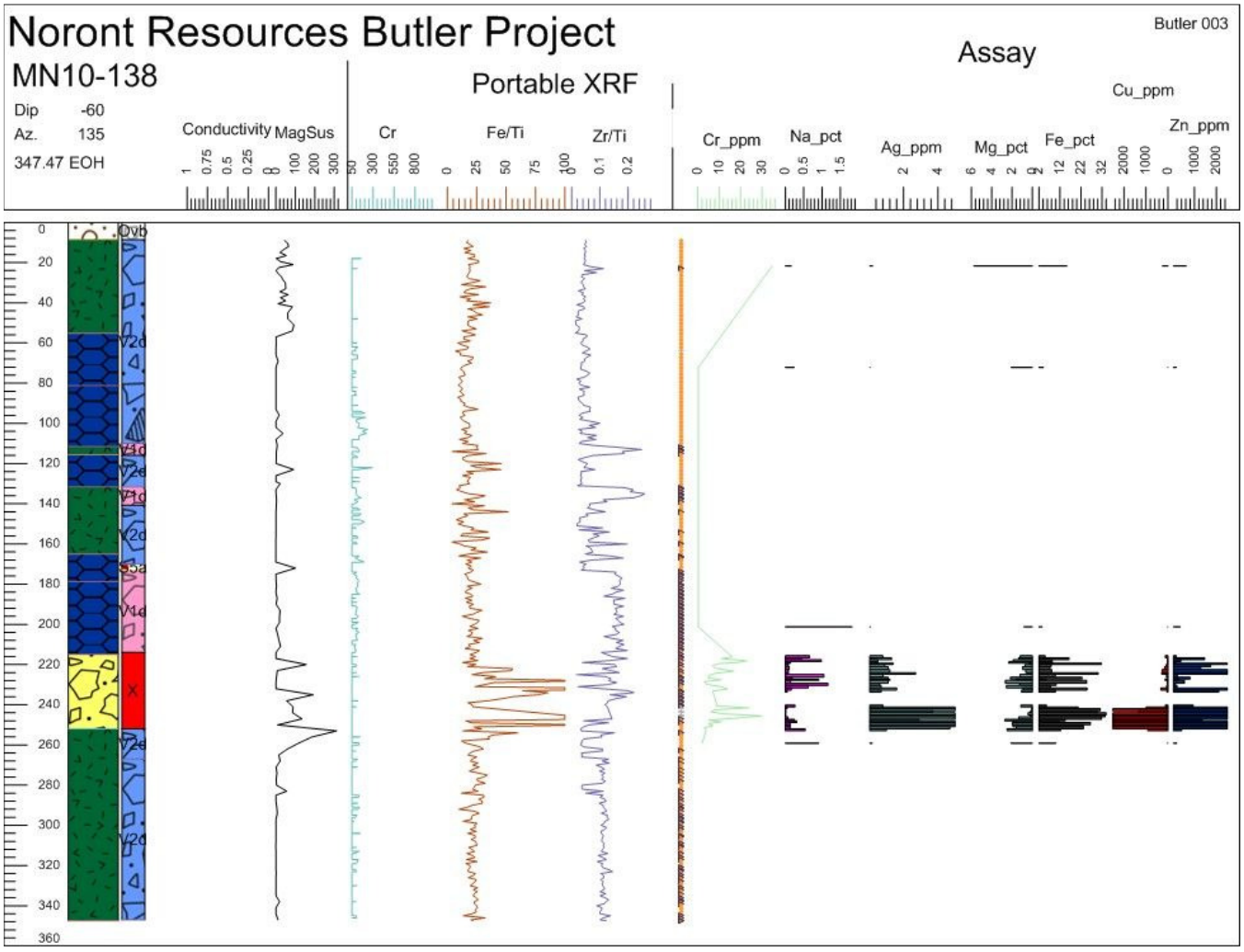

Figure 18: Strip log of MN10-138.

BP11-CU03 Drill hole summary

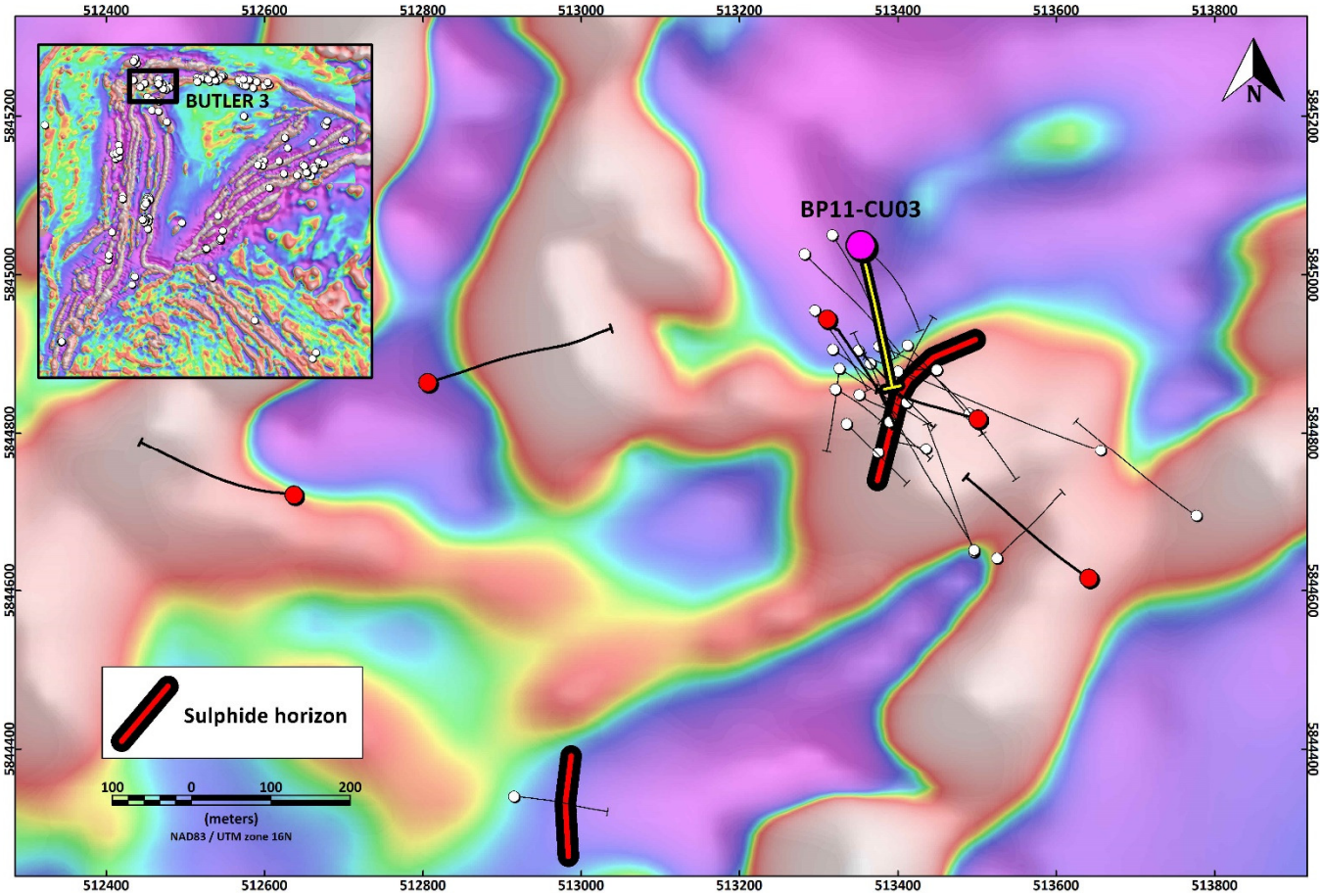

Figure 19: Butler 3 drill hole plan map with BP11-CU03 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 19**) collars into a mafic to intermediate volcaniclastic unit with localized intervals of rhyolitic-dacitic composition, with the unit becoming progressively mafic going down-hole to 127m. This interval contains a small amount of disseminated pyrite as well as a small semi-massive sulfide intersection with net and stringer pyrite and disseminated pyrrhotite (66.44-66.79m) and contains minor garnet and anthophyllite alteration. At 127m, the hole grades into a felsic to intermediate volcaniclastic unit, which extends to 180.6m. This unit is moderately biotite and chlorite altered, with minor anthophyllite and sericite, and contains trace pyrite. At 180.6m, the hole grades into an intermediate to felsic volcaniclastic unit until 208m and is moderately to highly altered by anthophyllite. Unit contains trace pyrite and contains siliceous intervals. At 208m, the hole encounters a more massive rhyolitic unit, which extends to 249.3m. This unit is moderately to strongly altered in biotite. Sulfides are disseminated and there is trace magnetite. Lower contact is gradational. At 249.3m, the hole encounters what has been previously described as the black felsic marker unit. This unit extends to 265.4m and is a dark grey, aphanitic, very hard and siliceous, well flow-banded dacite with local flow-top breccia. Flow banding is crenulated and the unit contains minor pyrite and magnetite. The unit is largely unaltered, except for minor chlorite alteration and alteration increases downhole. From 265.4m to the end of the hole at 339m, the hole intersects the moderately to strongly biotite altered rhyolite previously described from 208-249.3m. This unit however contains greater concentrations of blebby and stringer sulfides in localized zones.

Butler 3 Stratigraphy and Cross-Section Interpretation

As observed along the 3 drill hole fence through the Butler 3 occurrence (holes MN10-138, BP12-CU12, and BP13-CU20), volcanic stratigraphy consists of footwall intermediate volcaniclastics (minimum 120m thickness) which contains narrow intercalations of felsic volcanic (dacite) interpreted to be massive flows occurring in the upper half, which are potentially precursor flows during initial felsic magma emplacement within the volcanic pile. The top of the intermediate volcaniclastic unit is demarked by a silicate iron formation (garnet-chlorite-grunerite) interpreted to be an interval of limited volcanic activity prior to the main onset of felsic volcanism which overlies the Si-Fe-formation (**Fig. 20**).

Felsic volcanism varies from volcaniclastic to massive flows and grades up stratigraphy into the Butler 3 exhalative horizon for an estimated thickness of ~55m. Felsic volcanic activity continues above the Butler 3 horizon but the unit appears to be a mix of felsic and intermediate volcaniclastics for a maximum thickness of ~160m (portion of the stratigraphy is not covered by drilling). Stratigraphically overlying the mixed intermediate-felsic volcaniclastic is a sequence of relatively 'clean' intermediate volcaniclastic intercalated with tuffaceous to finely laminated metasediments with a stratigraphic thickness of ~115m. Strong Na-depletion is observed at the base of this sequence with thin exhalative horizons (Si-Fe-formation) developed higher up in the stratigraphy.

Thin mafic (intrusive/volcanic/metasedimentary) unit(s) occur higher up in the sequence which correlates with the regional magnetic lineament (ferro-gabbro?) that defines the inside of the Butler fold. The top of the sequence is a felsic volcanic as observed in hole BP13-CU20.

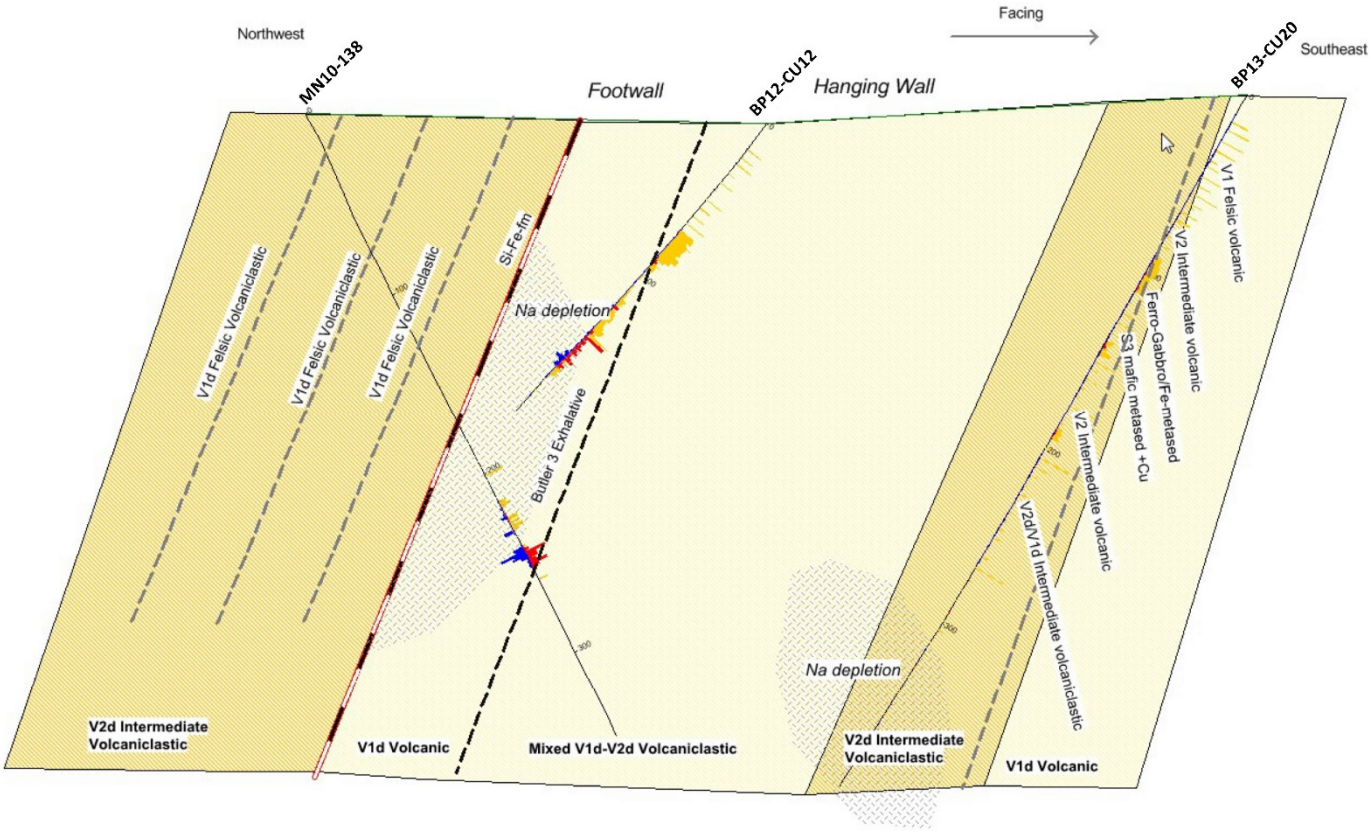

Figure 20: Interpreted geological cross-section illustrating the stratigraphy at Butler 3.

From the geochemical sampling completed in the three drill holes, Na-depletion occurs in the footwall to Butler 3, the down stratigraphic extent is not constrained due to limited sampling. Above Butler 3, the rocks appear unaltered until the unit at the bottom of BP13-CU20, which appears Na-depleted. The lateral continuity of the mafic unit (intrusive/volcanic/metasedimentary) at the top of the sequence is of interest. It maintains a constant stratigraphic setting, lacks volcanic textures, and appears massive.

The interpretation is that the Butler 3 exhalative horizon is stratigraphically located at the transition between intermediate volcanic footwall rocks and felsic hanging wall rocks.

5.1.3.2 Butler 3 Footwall

BP12-CU09 Drill hole summary

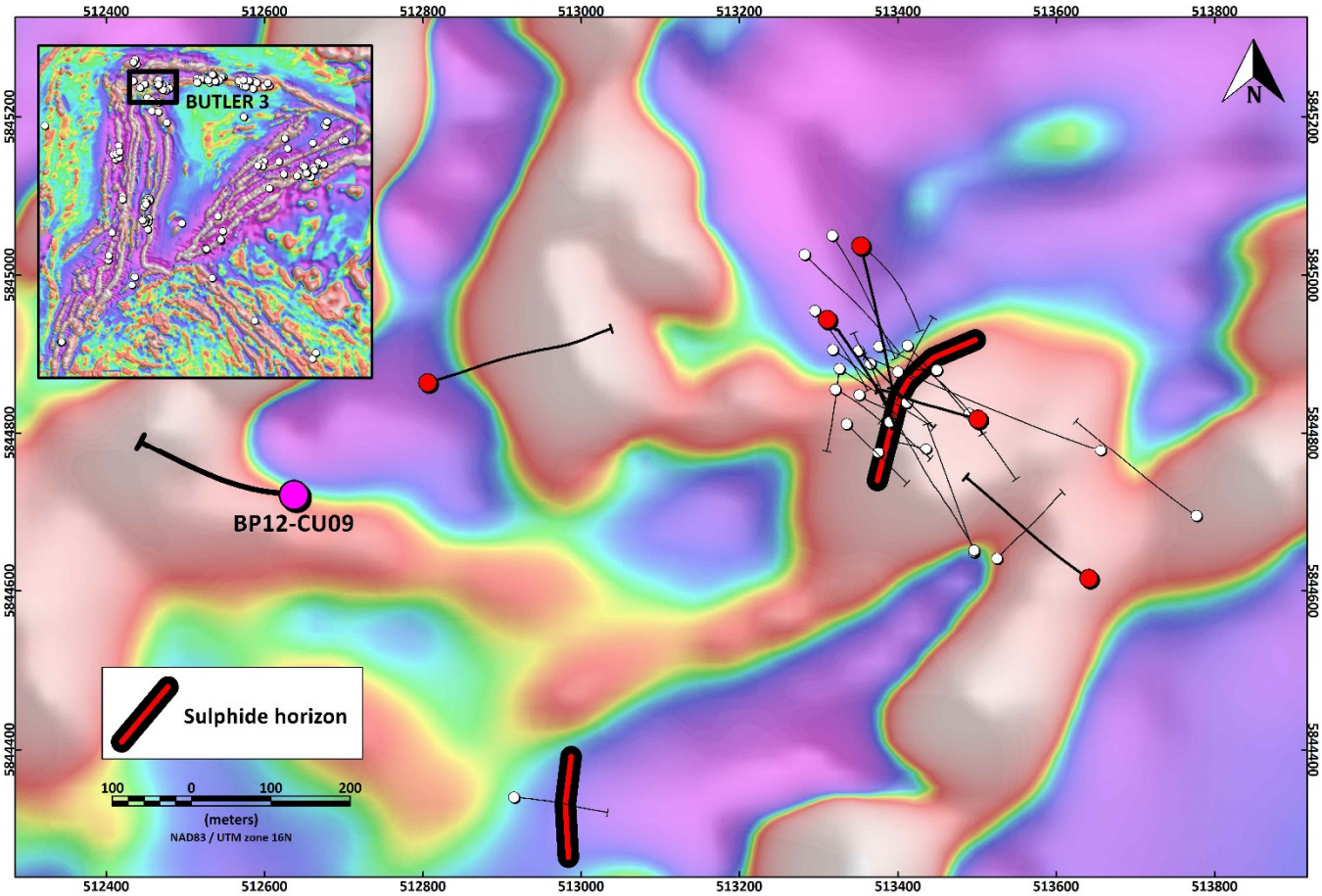

Figure 21: Butler 3 footwall drill hole plan map with BP12-CU09 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The hole (**Fig. 21, Fig. 22**) was drilled into the footwall stratigraphy of Butler 3 and probably drilled down the dip of the stratigraphic plane resulting in a greater apparent thickness of units, covering only ~60m of stratigraphy. The drill hole collared into interpreted felsic to intermediate volcanics from 14 to 23m with a massive unit appearing re-crystalized with no apparent texture. From 23 to ~64m rock varies from vague fragmental texture to massive fine-grained homogenous texture. Compositionally, the interval is darker in colour, but pXRF data is

interpreted to reflect intercalated felsic and intermediate compositions. Magnetic susceptibility is elevated possibly reflecting some Fe-enrichment (magnetite and darkening the colour). From 64m to ~150m the rocks appear as volcaniclastic to tuffaceous, and display size and compositional grading trends from coarser (lighter coloured) felsic to finer (darker coloured) intermediate. Compositionally, this is apparent in the pXRF with a broad down hole increase in Zr/Ti ratios (higher felsic content). Moderate iron enrichment (increasing Fe/Ti ratio) is observed from 150m down hole with weakly developed silicate Fe-formation noted at 160m comprising garnet-grunerite and possible cordierite, weak magnetite accumulation is apparent in the magnetic susceptibility dataset. Compositionally, the rocks are still mixed intermediate and felsic. Anthophyllite is present throughout and overprinting all units. At ~209m graded bedding is observed at the start of a fine-grained homogenous sequence of metasedimentary rocks with magnetite abundance increasing down hole. Unit continuous to a depth of ~257.9m, with magnetic susceptibility intensity dropping off at ~237m. Overall interval is felsic in composition and lacks the intercalation of intermediate compositions observed higher in the stratigraphy. From 257.9m to ~300m fine grained metasedimentary rocks are observed, but compositionally these are now exclusively intermediate in composition with a homogeneous equigranular texture. A narrow (~1m) chlorite-silicate-Fe formation containing brown garnet is observed at 300m. This unit demarks Na-depletion above (up stratigraphy) from Na-undepleted below. Compositionally, the footwall is intercalated intermediate and felsic volcaniclastic (commonly narrow intervals of quartz-crystal tuffs) becoming more massive (dacite?) down hole below 393m with interfingers of intruding granite to the end of hole.

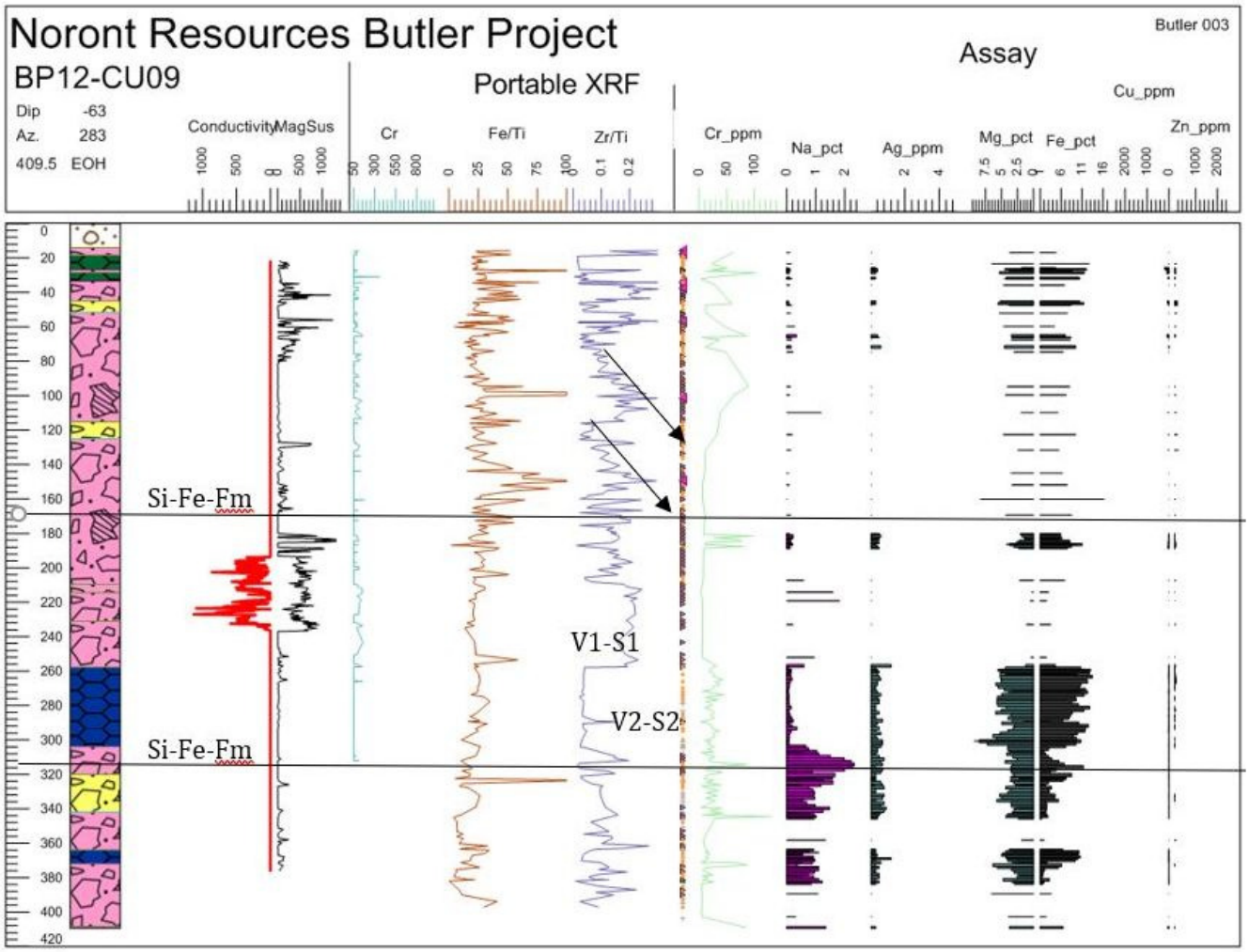

Figure 22: Strip log of BP12-CU09.

BP12-CU08 Drill hole summary

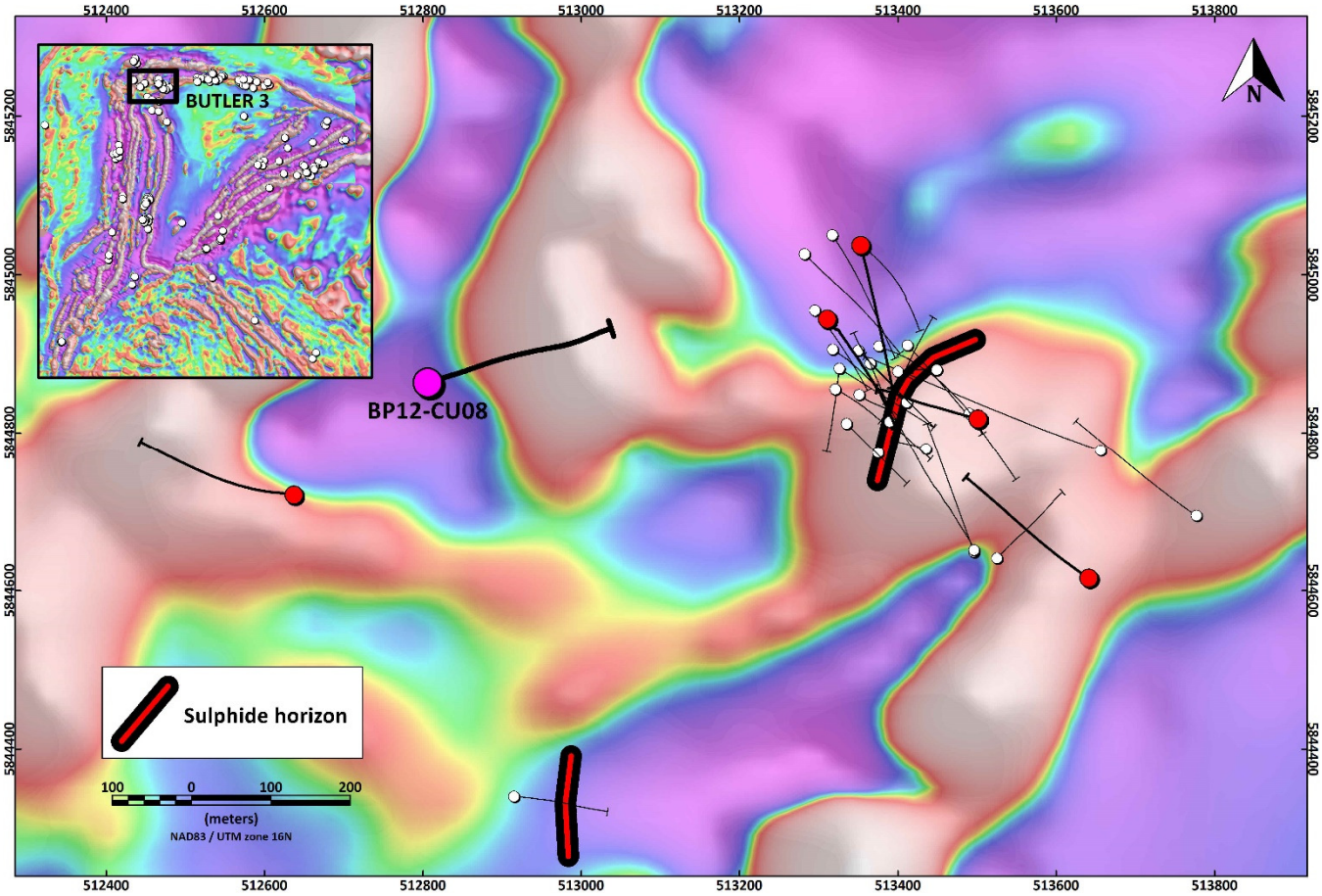

Figure 23: Butler 3 footwall drill hole plan map with BP12-CU08 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The hole (**Fig. 23, Fig. 24**) was drilled into the footwall of Butler 3. The hole collars in felsic volcanics grading down hole (~26m) into garnet and anthophyllite altered gabbro/diorite that displays a very homogenous texture and intermediate composition (moderate-low Zr/Ti ratio). Alternatively, this is a homogenous altered intermediate volcaniclastic. Intermediate to felsic volcanic is noted at ~224.5m containing spherulites altered by biotite along the rims and within the matrix. Similar felsic-intermediate units probably occur at ~260m and ~290m based on Zr/Ti ratios, within a dominant intermediate sequence.

A Fe-formation/exhalative horizon occurs at 409.5m with anomalous magnetic susceptibility above and below. An equigranular ferrogabbro is noted in the stratigraphic hanging wall of the exhalative to a depth of 438m where intermediate volcanic as defined by flow breccias and biotite altered spherulites are noted. The unit has moderate to strong foliation. Largely the drill hole is strongly Na-depleted, but select intervals are not and usually correlate with elevated magnetite content (higher magnetic susceptibility e.g. 192-217m) possibly reflecting late intrusions into the volcanic pile.

The majority of this hole consists of a series of altered hypabyssal sills, dominantly andesite/dacite in composition, with high silica compositions, high Fe and Mg (due to alteration) and low alkalis (Na-depletion). Alteration assemblages are anthophyllite and biotite. In a few cases, these sills are cut by more felsic spherulitic sills/dykes

(syn-volcanic) with biotite alteration. A thin seam of IF occurs and may be a raft. Unaltered ferrogabbro occurs towards the end of the hole and is likely late.

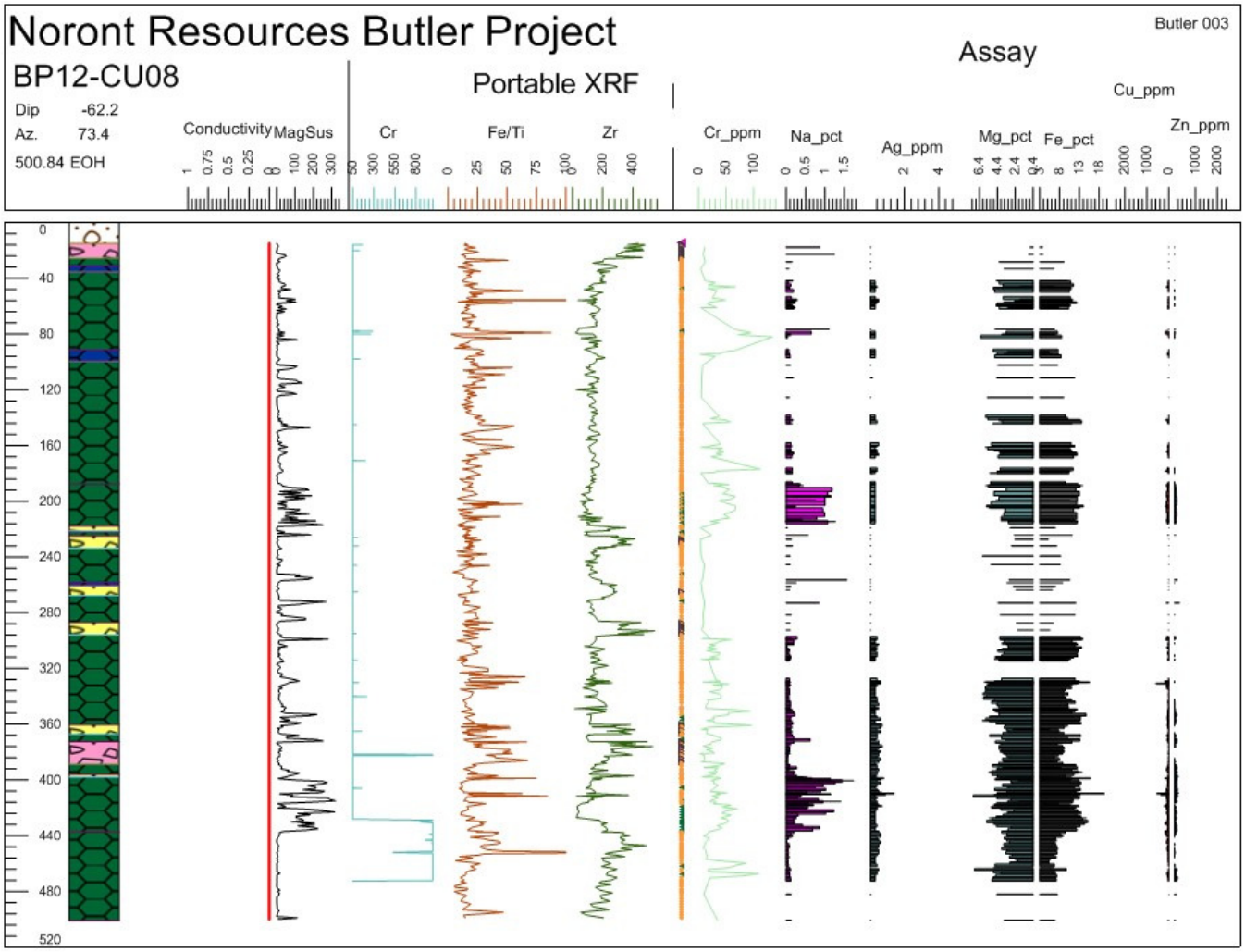

Figure 24: Strip log of BP12-CU08.

Butler 3 Footwall Stratigraphy and Cross-Section Interpretation

The stratigraphic sequence in the footwall to Butler 3, as defined by BP12-CU08 and BP12-CU09, continues to display an alternating sequence of intermediate and felsic volcanics/volcaniclastics rocks. The alteration is moderate to intense with garnet and anthophyllite occurring throughout much of the sequence obscuring a portion of the primary texture, consequently making textural and lithological interpretations difficult. Much of the stratigraphic sequence observed is Na-depleted with multiple exhalative horizons identified in the form of either silicate iron formation or oxide iron formation (**Fig. 25**).

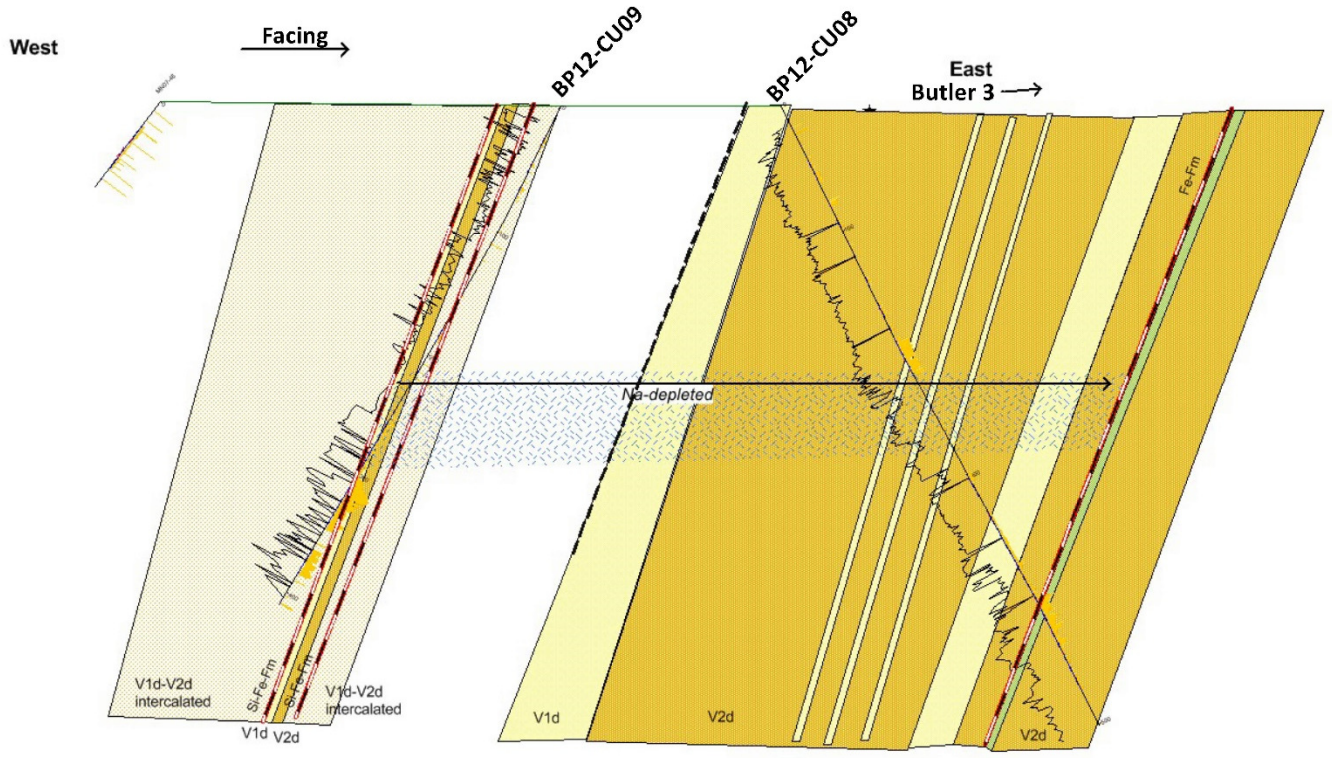

Figure 25: Interpreted geological cross-section illustrating the footwall stratigraphy at Butler 3. Dips of units are interpreted from Figure 20 at Butler 3.

5.1.3.3 Butler 3 South

MN10-136 Drill hole summary

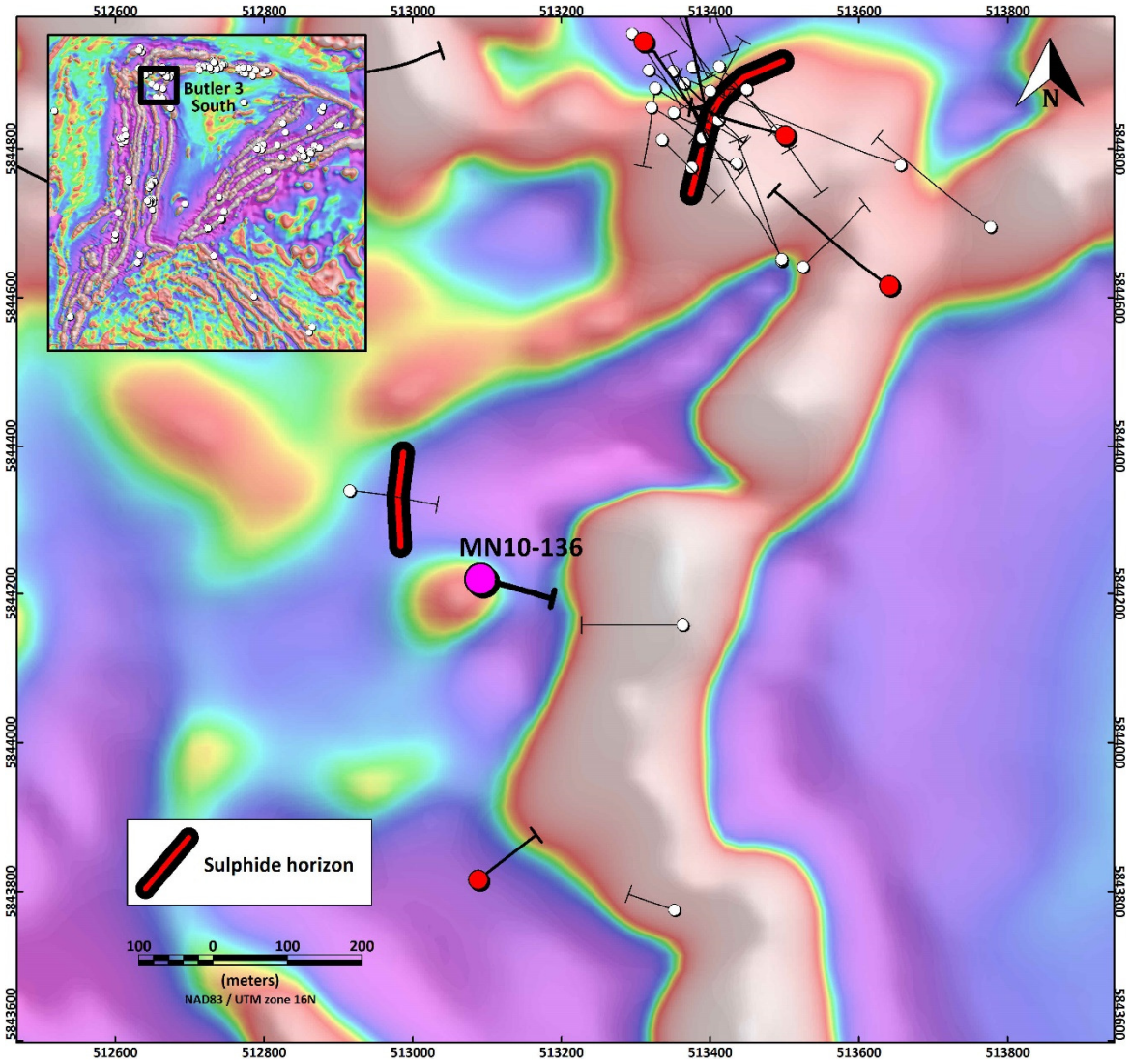

Figure 26: Butler 3 south drill hole plan map with MN10-136 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 26**) is located ~700m to the south of Butler 3 on the edge of an isolated magnetic feature. The hole collars into intermediate volcanic rocks with convolute bedding (flow banding?). Moderate chlorite and sericite alteration are pervasive with trace garnet beginning to occur below 30m as seams and patches with minor pyrite and pyrrhotite. From 102 to 117m quartz flooding with garnet, chlorite and biotite and narrow interval of massive sulfide with anomalous Cu and Zn. Stronger chlorite alteration extends down hole (hanging wall) to ~145m with better preserved bedding at 152-157m becoming convolute below to end of drill hole. Limited assay data is available for the drill hole, pXRF data collected indicates a fairly consistent sequence of intermediate compositions.

Butler 3 South Stratigraphy and Cross-Section Interpretation

Three drill holes define the cross-section to the south of Butler 3. To date only one drill hole has been reviewed (MN10-136). Stratigraphic correlation with Butler 3 is ambiguous as the hole is entirely within intermediate volcanic, whereas Butler 3 is associated with felsic volcanic rocks with mixed felsic-intermediate in the hanging wall. The entire sequence appears to be Na-depleted and contain exhalative horizons (**Fig. 27**).

Further work relogging MN06-25 and MN07-43 (if available) would be beneficial to: 1) better constrain the stratigraphic setting and relationship to Butler 3; 2) qualify the rock type that makes up the inner magnetic feature of the fold hinge; and 3) assess the mineralizing potential of the area (untested/poorly tested airborne EM anomalies, anomalous soil geochemistry in the area).

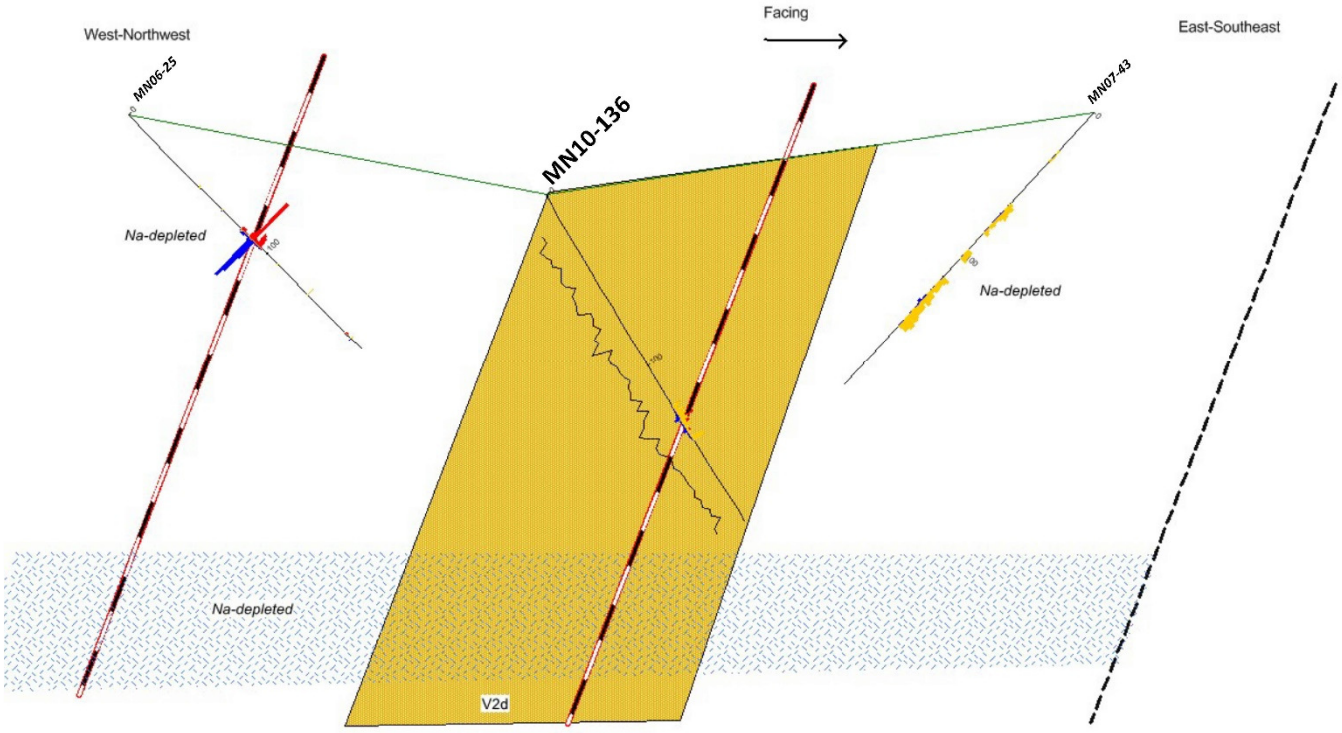

Figure 27: Interpreted geological cross-section of the Butler 3 south area.

MN08-84 Drill hole summary

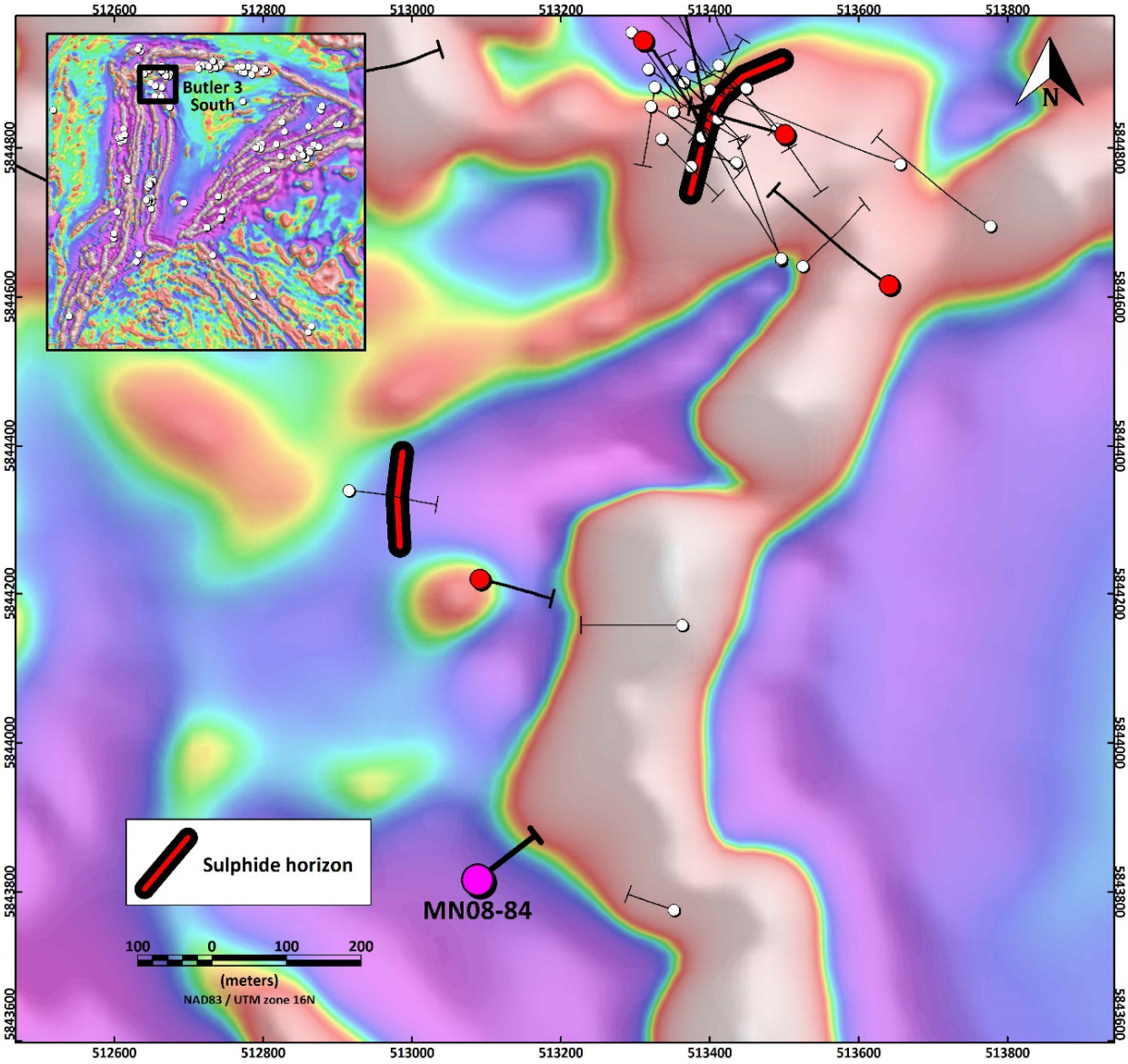

Figure 28: Butler 3 south drill hole plan map with MN08-84 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged. First vertical derivative of airborne magnetic data in background.

The drill hole (**Fig. 28, Fig. 29**) is located ~1100m to the south of Butler 3. It collars into felsic volcaniclastic tuffs that are finely laminated with well-defined beds and minor biotite along bedding planes. Rare fragmental layers are observed. At approximately 92m garnet begins to occur along mafic/biotite partings and lenses. From 96 to 96.75m there is an occurrence of massive to semi-massive sulfide (pyrrhotite, pyrite) with a nodular 'cherty' interval (~10cm) at the top. This interval demarks the transition from felsic to intermediate compositions. Stratigraphically overlying (down hole) from 96.75 to 106.5m is intermediate volcaniclastic tuff with no apparent alteration. From 106.5m to 138m is a disrupted intermediate volcaniclastic tuff-breccia/fragmental that is sericite and anthophyllite altered with disseminated blebs of sulfide occurring throughout. From 138-142.7m there is a chlorite-garnet rich interval with convolute bedding and chevron textured rock is observed. A very sharp contact is observed against an overlying unaltered massive felsic volcanic (dacite) flow or intrusive. Unit appears to

coarsen slightly down hole (up stratigraphy). This is probably the 'black felsite' unit mentioned in McDonald Mines documentation.

Overall, the stratigraphy does not appear to be extensively Na-depleted. Local depletion is present from 110m to 140m associated with the sulfide, garnet-chlorite, sericite and anthophyllite alteration. Sulfides are weakly anomalous in Zn. This area could be the lateral equivalent of the Butler 3 horizon, but nothing is diagnostic as multiple exhalative horizons are present.

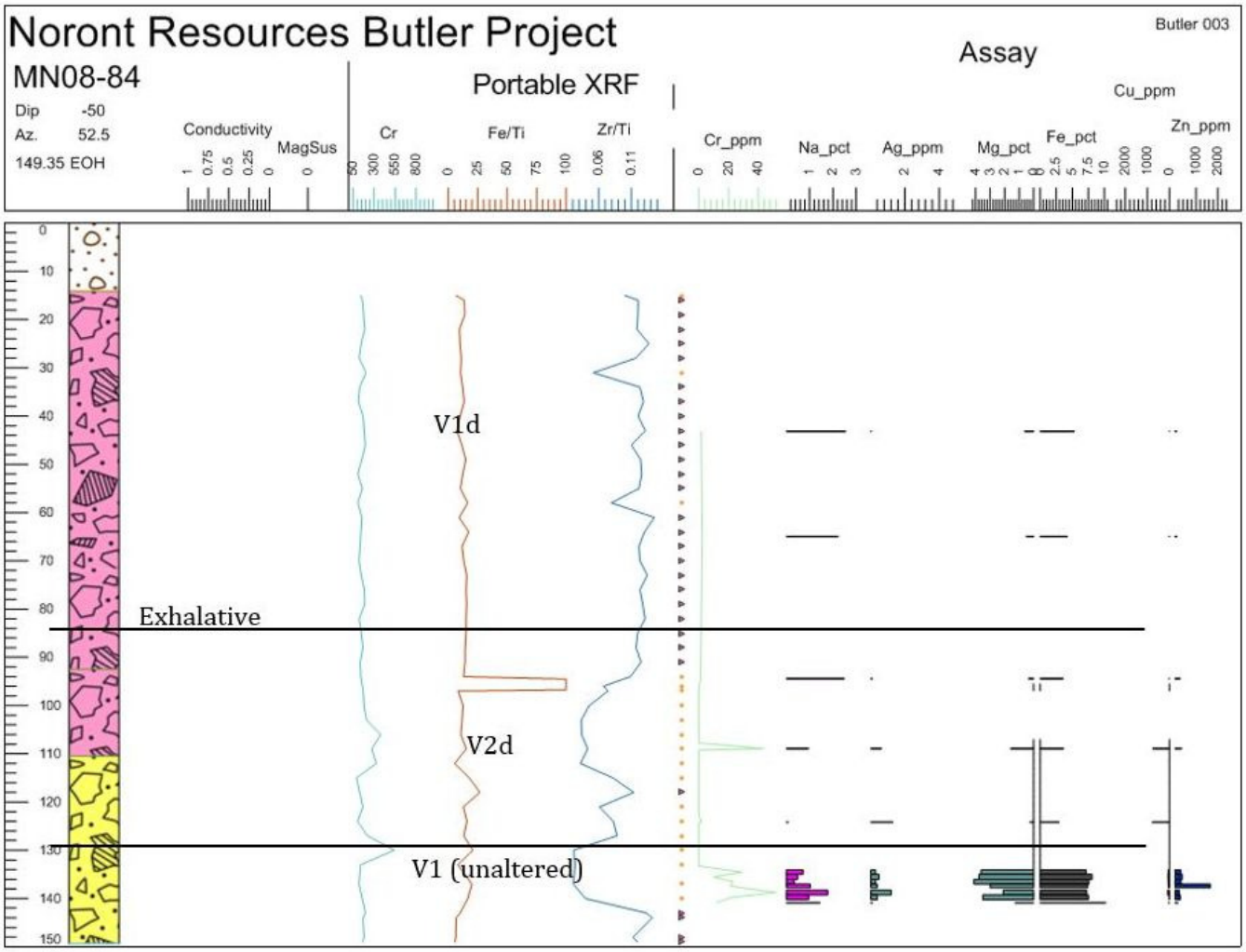

Figure 29: Strip log of MN08-84.

5.1.3.4 Butler 4

The Butler 4 area is located ~5km to the south of Butler 3. Drilling has focused on a linear stratigraphic horizon that contains coincident magnetic features and airborne EM anomalies.

BP13-CU21 Drill hole summary

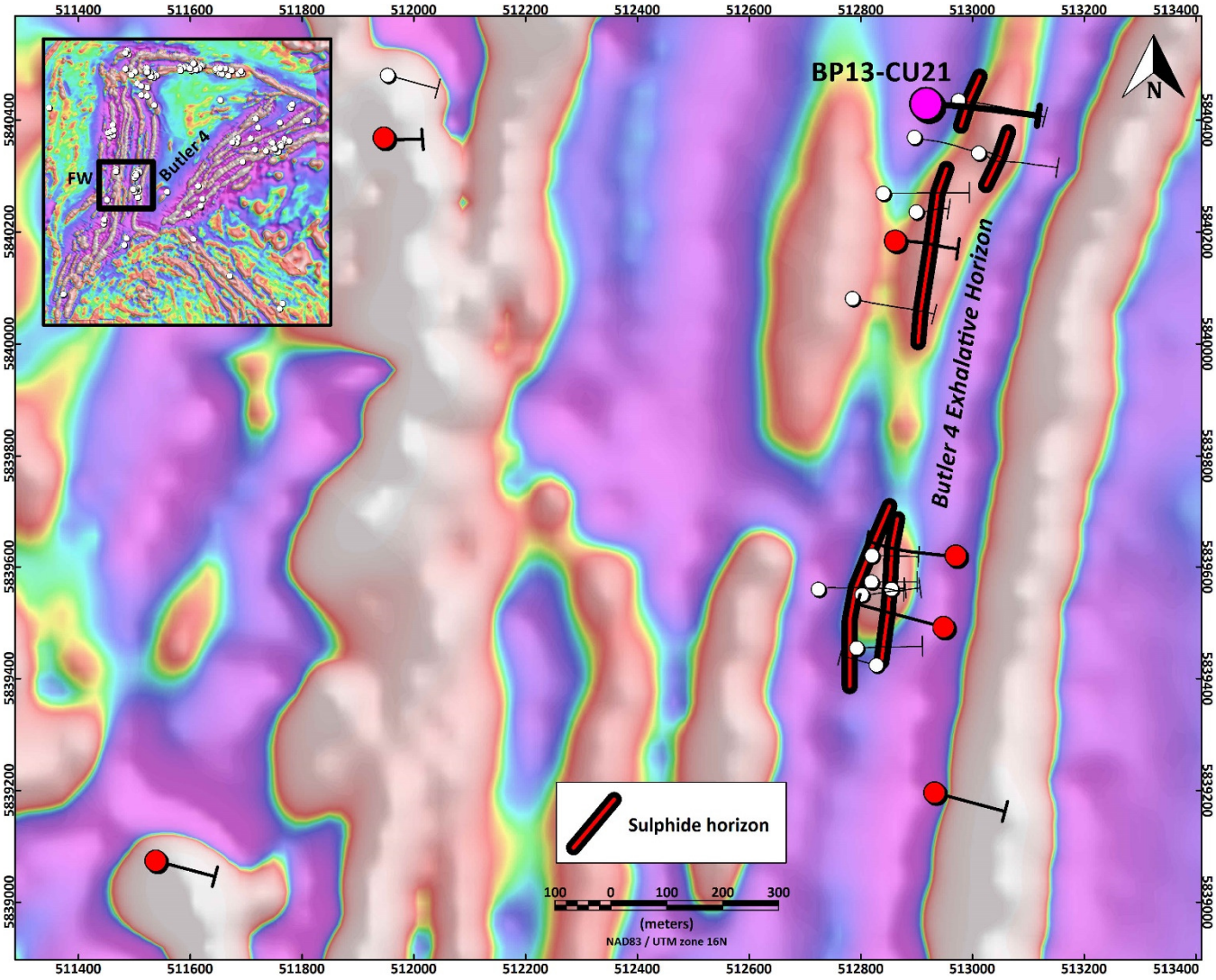

Figure 30: Butler 4 drill hole plan map with BP13-CU21 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged.

The drill hole (**Fig. 30, Fig. 31**) is located at the northern end of the Butler 4 area and collars into intermediate volcaniclastic that appears massive and recrystalized and extends to a depth of ~47m. From 47m to 61m is a planar bedded tuff to metasediment (or possible crystal tuff) that appears slightly more fractionated. From 61 to 74m homogenous intermediate volcaniclastic is observed with sulfide blebs occurring between 67-68m. From 74 to 140m an exhalative sequence is present with banded alteration from intense chlorite and garnet to chlorite and amphibole. Anthophyllite occurs throughout as granoblastic texture. Sulfides begin to occur at ~82m as a 40cm wide semi-massive interval and at 132 to 133m as convolute stringer bands hosted in a chlorite schist. Anomalous Cu is observed over the interval. The basal contact of the exhalative defines a transition to felsic volcaniclastic (in the hanging wall) with pervasive anthophyllite alteration. Felsic volcanic is generally massive with a vague indication of lapilli and fragments. Stratigraphic top of the unit occurs at 213m with a narrow interval of spherulite textured volcanic, possibly with a chilled margin. From 213m to 235m is an intermediate volcaniclastic with a narrow sulfide stringer zone in chlorite altered rock from 216-223m. From 235m to 248m the lithology becomes intermediate to mafic metasediments/tuffs with fine laminations becoming actinolite rich at 240m as bands

grading to massive at 244m. From 248m to 256.5m is a volcanic tuff with strong sericite alteration with quartz veining and garnet, minor sulfide grades down hole into more sulfide rich biotite quartz sericite with a very nodular appearance (sulfide as replacement) to ~261m. 261m to end of hole tuffaceous volcaniclastic with disseminated magnetite throughout. Grades down into fragmental with bands of biotite and garnet.

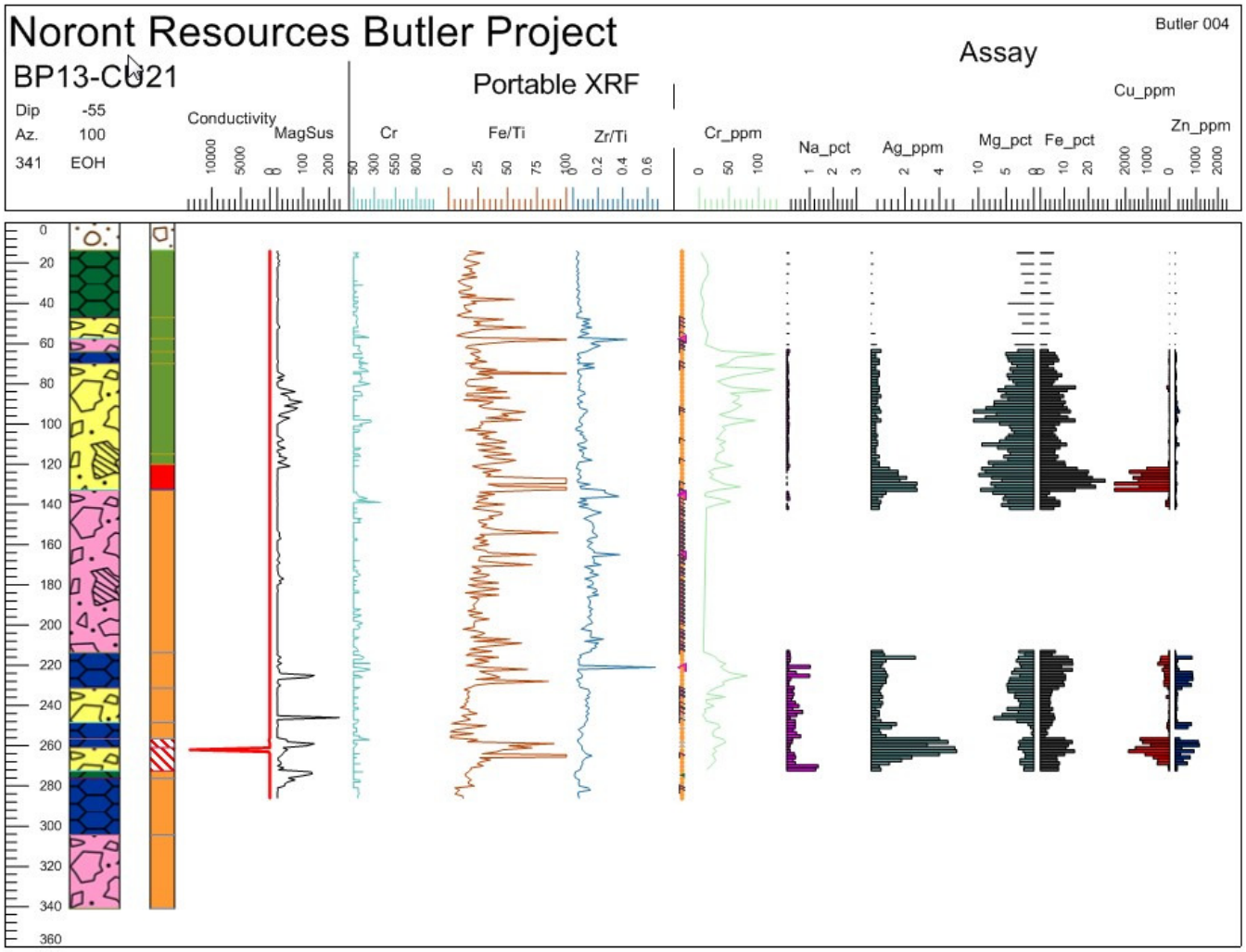

Figure 31: Strip log of BP13-CU21.

MN10-121 Drill hole summary

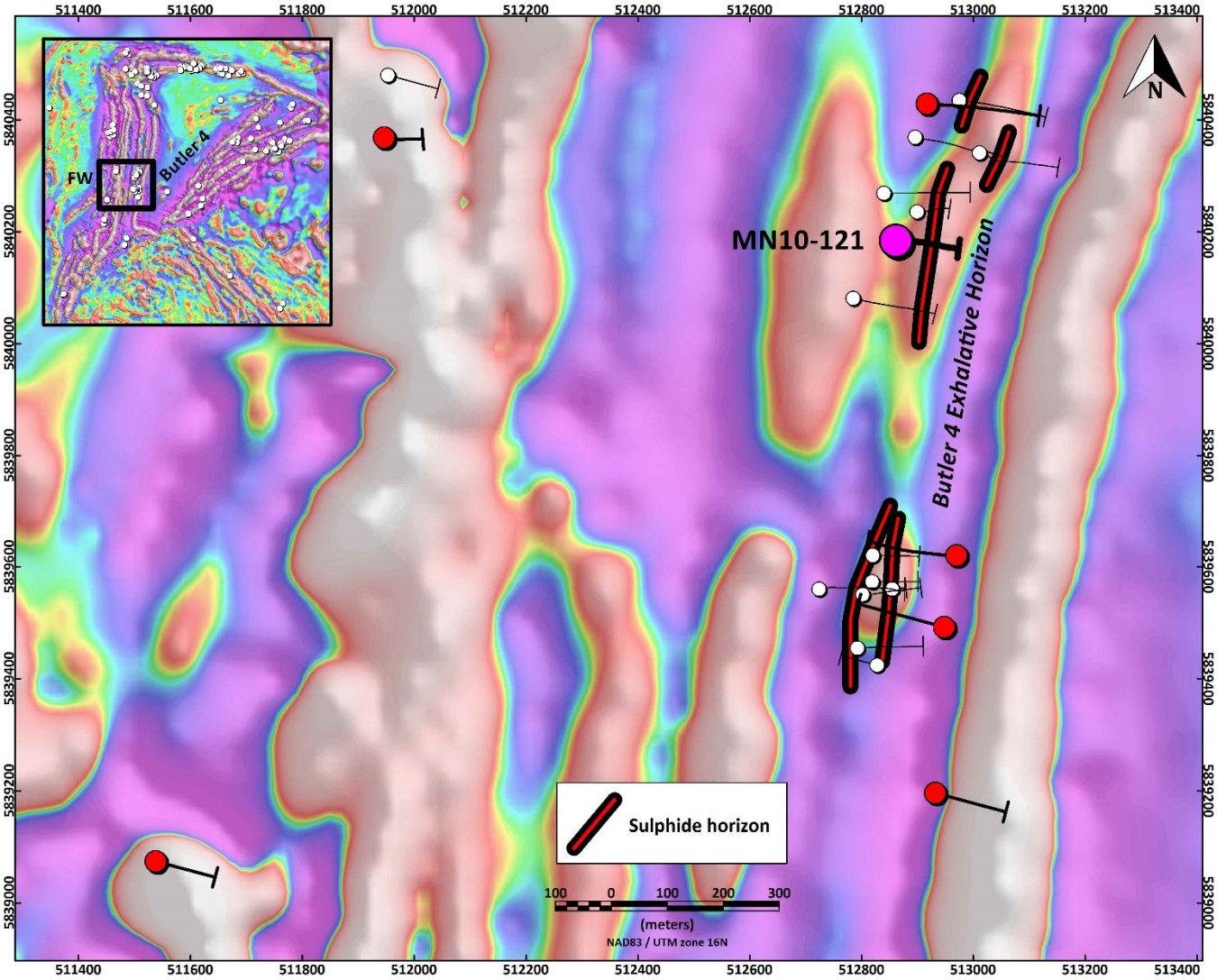

Figure 32: Butler 4 drill hole plan map with MN10-121 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged.

The drill hole (**Fig. 32, Fig. 33**) is located ~250m to the south of BP13-CU21 and drills the same stratigraphy. Of note, magnetite is zoned around the exhalative and overprints all lithological boundaries. Sulfide is partially replacement textured with cross-cutting chlorite and possible talc (possibly representing the seafloor interface). Strong Na-depletion is noted in the stratigraphic footwall to the exhalative (up hole) with limited data below; this exhalative zone (Butler 4 horizon) extends from 82-102m. Here, the base metals are low but the best reaches up to 4.8% Zn. A second exhalative horizon is not observed (as seen in BP13-CU21), as this drill hole was possibly stopped prior.

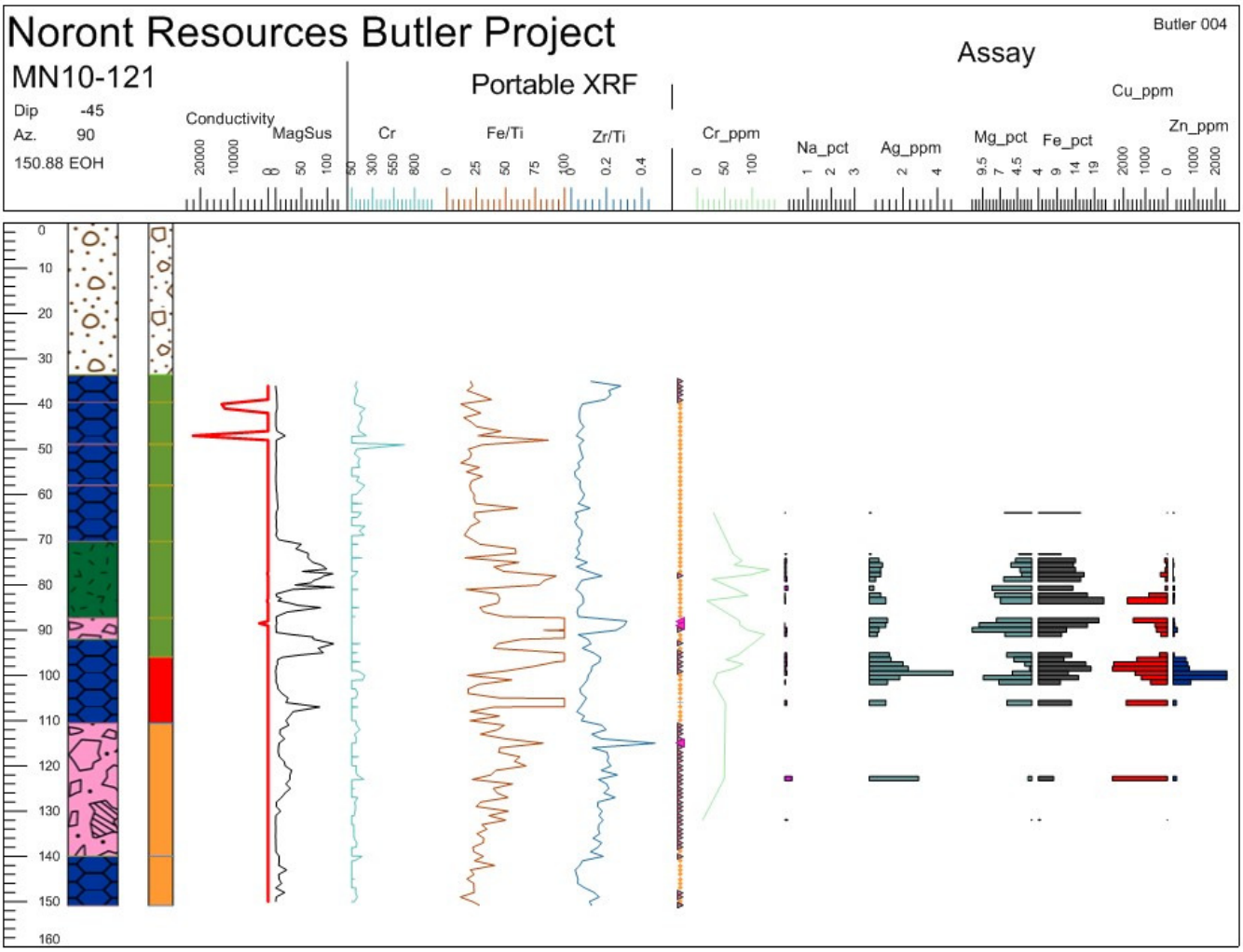

Figure 33: Strip log of MN10-121.

MN06-27 Drill hole summary

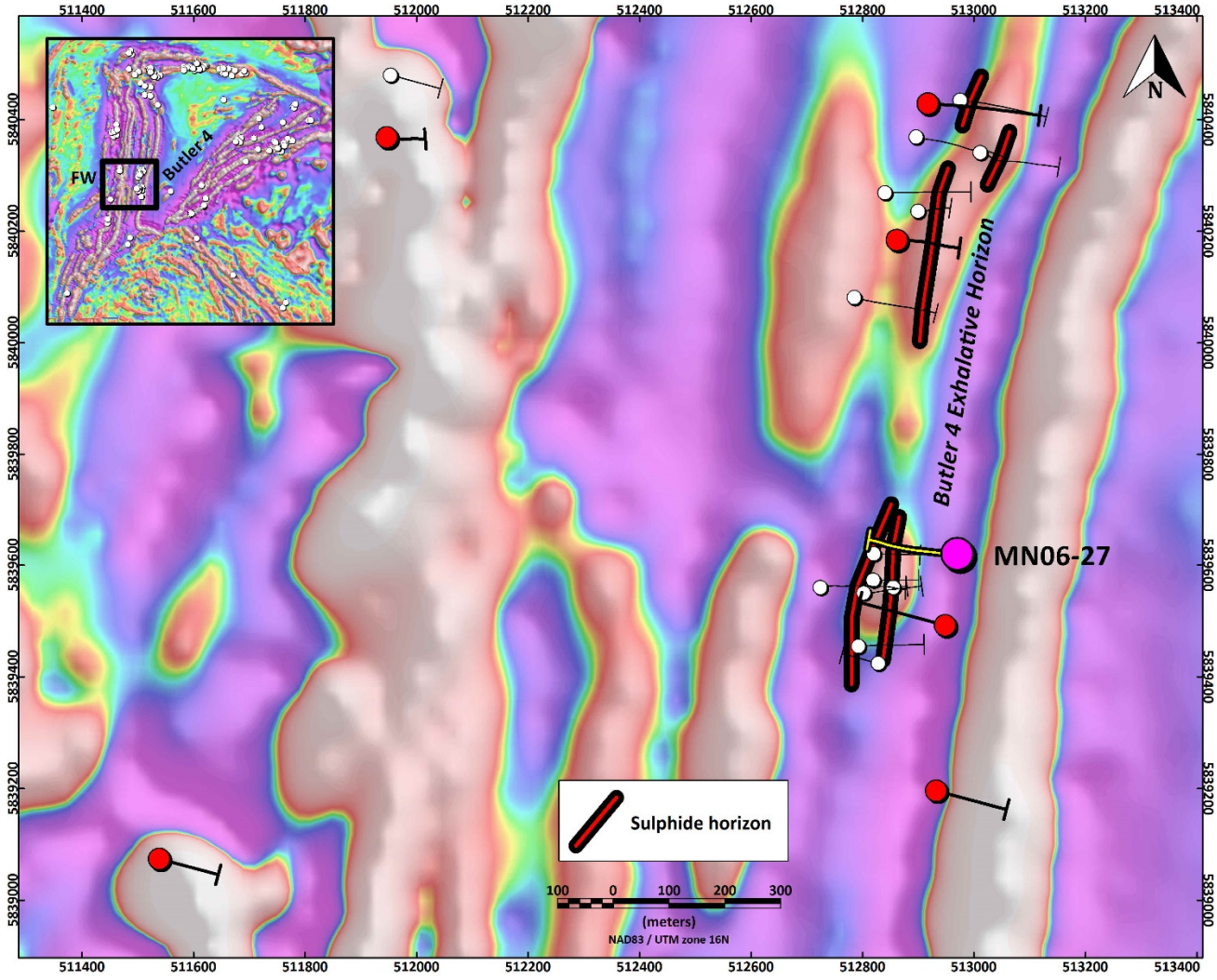

Figure 34: Butler 4 drill hole plan map with MN06-27 highlighted with pink collar.

The hole (**Fig. 34**) collars into felsic volcaniclastics until reaching the Butler 4 exhalative zone at 152m, which extends to 159m. Past this point, the composite of the volcaniclastics is intermediate (previously logged as felsic). Texturally it appears to be volcaniclastic lapilli. A second exhalative zone is encountered from 192.6-197.7m. Strong Fe enrichment is observed in both Fe-silicates and Fe-sulfides (Fe/Ti ratio), supporting a VMS-exhalative interpretation for the primary sulfides. Sulfide phases are dominantly pyrite with trace chalcopyrite, total sulfide is probably around the 15-20% as disseminated. Texturally the sulfide appears as disseminated replacement. Silicate phases are chlorite and Fe-Mg amphibole. Minor oxide (magnetite) occurs as both disseminated and narrow cross-cutting veinlets.

Two samples in the original assaying returned very high gold values (15.4 and 2.3 g/t Au). Upon re-examination by Noront in 2018, no visible gold was observed in this interval as was any adjacent veining. However, an unsampled ~12cm wide quartz vein occurs in the footwall nearby. Re-sampling of the area in 2018 could not reproduce the anomalous gold results, despite splitting the sampling area. Results for Ag, Cu, and Zn returned similar results, suggesting that the problem lay with the original gold analysis (**Table 7**).

Check Assay (Actlabs 2018, A18-07456)							
Sample	From	To	Width	Au ppb	Ag ppm	Cu ppm	Zn ppm
113456	192.6	193.6	1.00	< 2	0.7	521	704
113457	193.6	194.6	1.00	< 2	0.9	776	563
113458	194.6	195.1	0.50	19	1.9	1780	755
113459	195.1	195.7	0.51	15	3	2350	1400
113461	195.7	196.2	0.50	9	1.4	1420	13800
113462	196.2	196.7	0.50	11	32	1570	7870
113463	196.7	197.2	0.50	3	3	4040	884
113464	197.2	197.7	0.52	< 2	0.8	166	217
113465	197.7	198.7	1.00	< 2	0.7	128	212
113466	198.7	199.7	1.00	4	0.8	423	163
113467	199.7	200.7	1.00	< 2	0.7	334	107
113468	200.7	201.7	1.00	< 2	0.8	265	59
113469	201.7	202.9	1.23	< 2	0.8	100	69
113471	202.9	203.9	1.00	< 2	0.7	141	102
113472	203.9	204	0.10	5	0.4	694	130
113473	204	205	1.00	2	0.9	472	132

Original Data (Accurassay 2006)							
Sample	From	To	Width	Au ppb	Ag ppm	Cu ppm	Zn ppm
136956	192.64	193.64	1.00	6	2	384	536
136957	193.64	194.64	1.00	13	2	681	464
136958	194.64	195.65	1.01	40	5	2439	894
136959	195.65	196.66	1.01	15406	7	2190	9666
136961	196.66	197.67	1.01	2259	4	2290	3395
136962	197.67	198.67	1.00	7	2	191	188

Additional samples taken by Noront to extend the original sampling

Table 7: Assay results from MN06-27. The left contains check assay results from Noront in 2018; the right represents the original data.

MN08-69 Drill hole summary

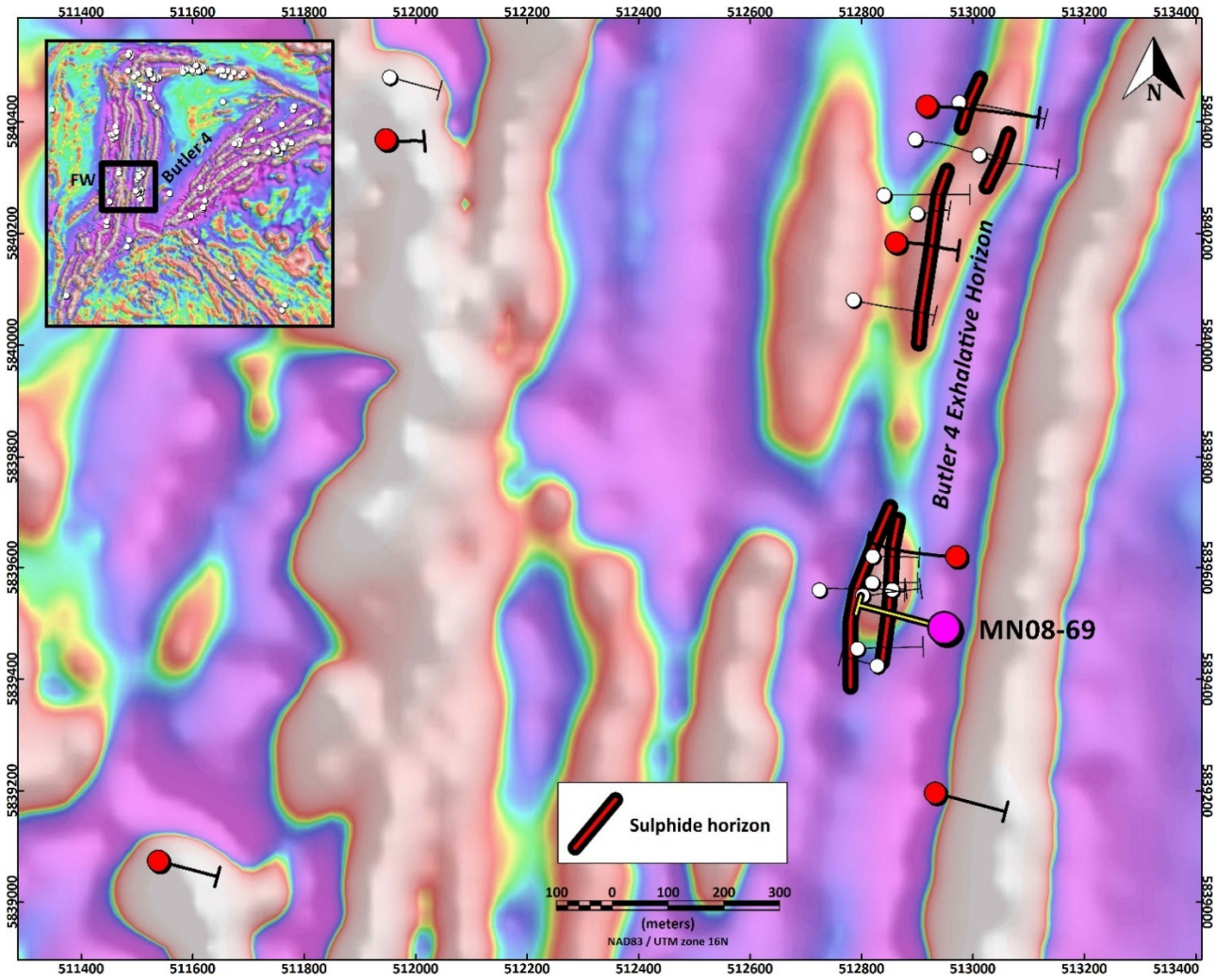

Figure 35: Butler 4 drill hole plan map with MN08-69 highlighted with pink collar.

The hole (**Fig. 35**) is in the south-central portion of the Butler 4 area and was drilled from east to west going down the stratigraphy. Hole collars at 16m into felsic volcaniclastic tuff/metasediment which contains intervals of lapilli and bombs present with strong flattening parallel to foliation alternating with fine graded bedding and laminated intervals. Biotite, chlorite and trace garnet occurs as minor alteration. From 103-115m intermediate volcaniclastic tuff/metasediment is observed and is darker in colour with increased abundance of actinolite and chlorite. From 115-122m an intermediate to felsic volcaniclastic/metasediment is observed. This interval is very hard with limited Fe/Mg minerals present. The interval 122-128.5m is an intermediate volcaniclastic ranging from fragmental to well laminated. From 128.5-131.7 massive sulfide with granular replacement is observed. The interval 131.7-133m (footwall to exhalative) is chlorite altered felsic volcaniclastic fragmental. From 133-166m is a felsic to intermediate volcaniclastic lapilli which locally appears more massive with garnet and sericite (minor) throughout. The interval 166-170m is well laminated intermediate metasediments with high abundance of actinolite throughout the unit and is bedding parallel. From 170-226m intermediate to felsic volcaniclastic (overall homogenous) is observed with intervals of finely laminated. Alteration comprises sericite, garnet and anthophyllite and appears to increase down hole, commonly pervasive. Anomalous Cu occurs as disseminated to blebs as replacement along bedding planes. There appears to be very limited alteration in the footwall of the exhalative. Pervasive alteration appears to pick up lower in the footwall.

MN08-59 Drill hole summary

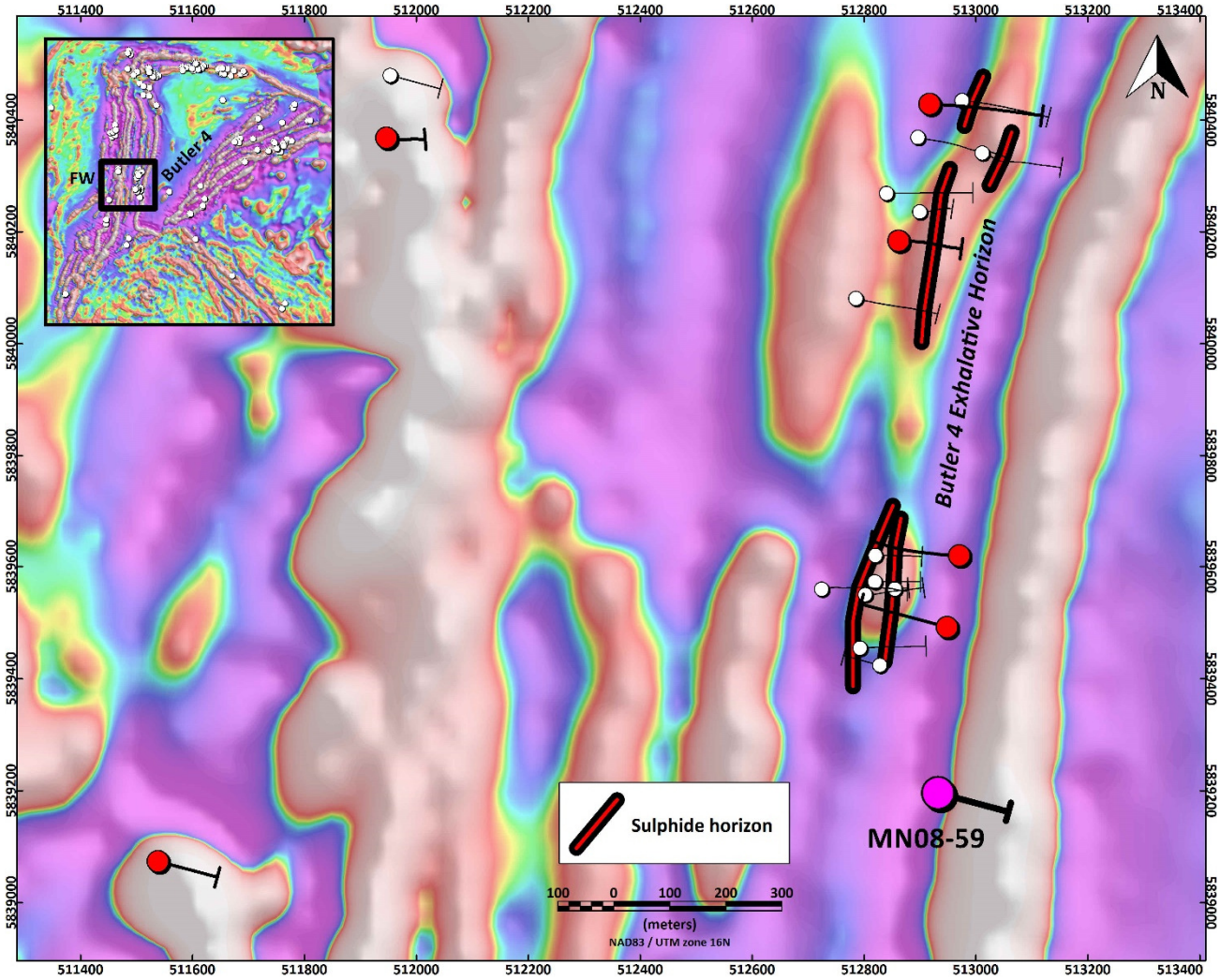

Figure 36: Butler 4 drill hole plan map with MN08-59 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged.

The hole (**Fig. 36**) is located ~300m to the south of MN08-69 and is drilled to the east to test the stratigraphy above MN08-69. The hole tested both a strong regional magnetic feature that demarks the (structural) top of the volcanic sequence and extends around much of the Butler western limb as well as a weak airborne EM response.

The hole collars into felsic metasediments from 20 to 52m. Metasediments are characterized as fine grained and well laminated with trace garnet occurring throughout. Stratigraphically overlying this from 52 to 105m is an intermediate to mafic metasediment that appears slightly darker in colour with increased magnetite content. Chlorite alteration begins to occur at ~86m continuing to 105m with minor actinolite bands above 105m. From 105-113m mafic metasediments (or possible ferrogabbro) is observed. The rock is coarser grained with biotite and chlorite and coarse-grained magnetite. A sharp contact is observed with felsic metasediments with fine laminated volcaniclastics intercalated occur to a depth of 116m. From 116-121.9m mafic metasediments are again observed and contain disseminated to stringer pyrite/pyrrhotite +- chalcopyrite. Interval is strongly foliated or dominated by well laminated beds. From 121.9m to end of hole (184m) felsic to intermediate metasediments varying from finely laminated to more massive occur with minor mafic intercalations are observed. TTG dykes begin to occur below 146m as the contact to intermediate intrusive occupying the inner portions of the fold hinge is approached.

5.1.3.5 Butler 4 Footwall

MN10-117 Drill hole summary

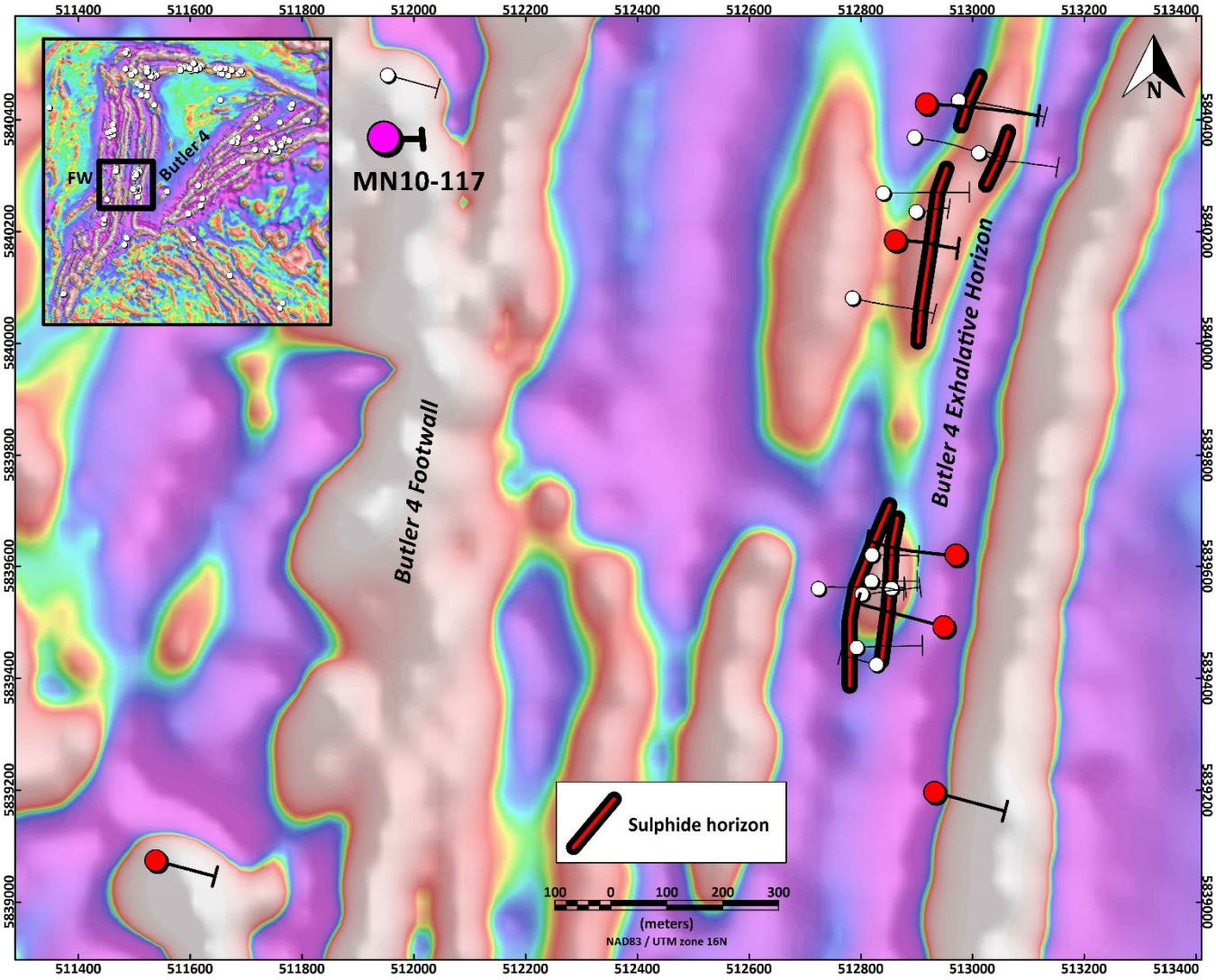

Figure 37: Butler 4 footwall drill hole plan map with MN10-117 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged.

The drill hole (**Fig. 37**) is located in the footwall to Butler 4 ~ 1000m to the west. The hole tests a magnetic high anomaly with coincident weak VTEM conductor. The drill hole intersected gabbro to ferrogabbro comprising coarse grained feldspar, clinopyroxene, and oxides. Numerous resorbed feldspar crystals with rounded and amoeboid shapes are observed. Intrusion grades down hole into gabbro with rare anorthosite intervals. Cross-cutting diorite dykes are also observed.

MN08-60 Drill hole summary

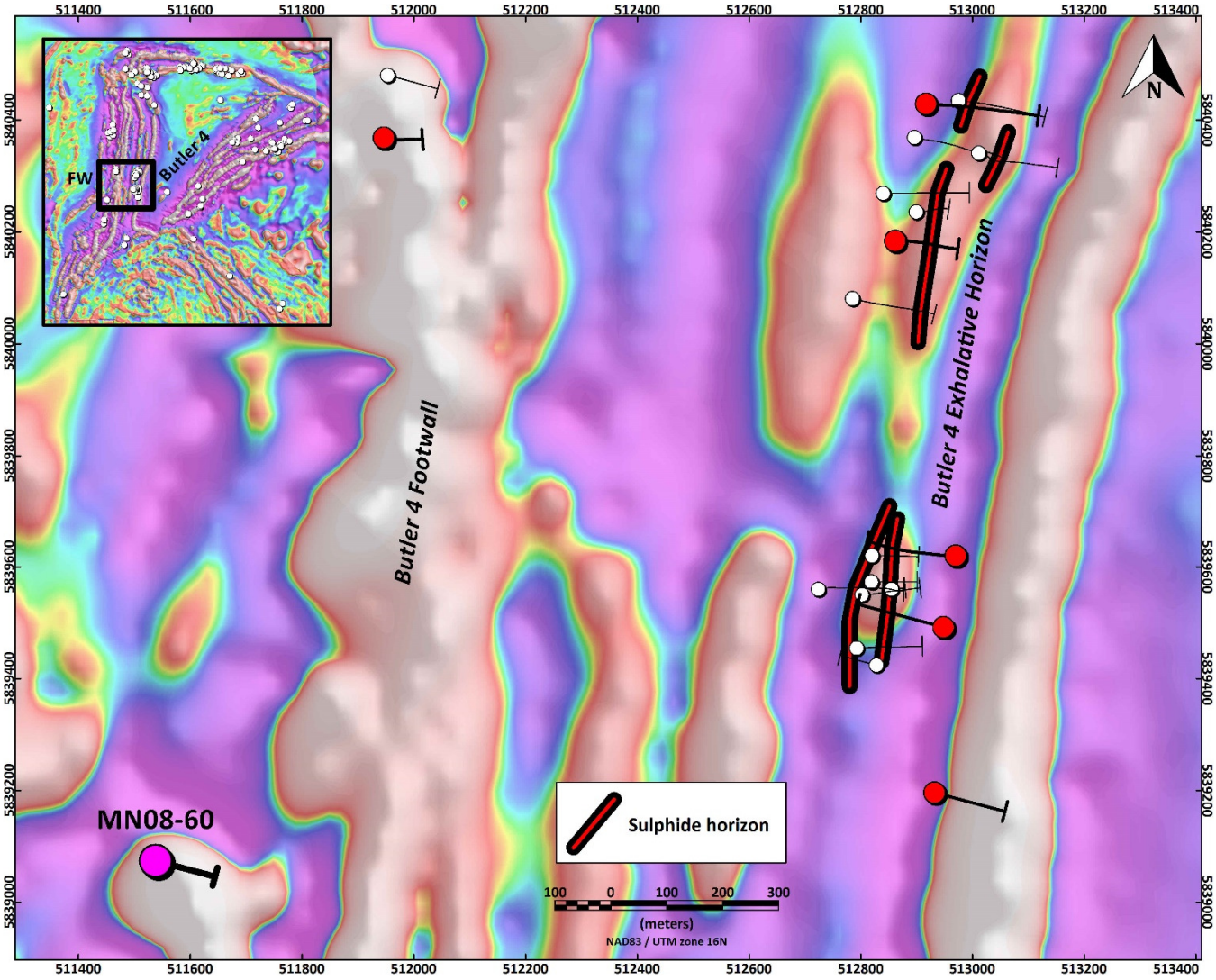

Figure 38: Butler 4 footwall drill hole plan map with MN08-60 highlighted with pink collar. Red collars represent other holes relogged in this area and white collar represent holes that were not relogged.

The hole (**Fig. 38**) tests a similar target as MN10-117, namely a strong magnetic feature with weak airborne EM anomaly, although the target may be slightly deeper in footwall relative to MN10-117, which is ~1370m to the northeast. This hole collars into what is interpreted to be the basement gneiss/TTG, where the rock is characterized as a tonalite gneiss with a diverse suite of angular xenoliths and autoliths. A sharp contact is observed with oxide occurring and hosted within a melanogabbro. Down hole the rocks grade from melanogabbro to gabbro ending in leucogabbro interpreted to be an upward facing igneous fractionation sequence.

Butler 4 Stratigraphy and Cross-Section Interpretation

The review of the drill holes in the Butler 4 area show a very interesting stratigraphic sequence. The base of the sequence occurring in the west (MN08-60) contains a tonalite (TTG) gneiss, which is interpreted to represent the older basement rocks to the Butler Assemblage, however, this TTG gneiss may represent later felsic-intermediate intrusives postdating the volcanic-sedimentary sequence. Strong magnetic banding paralleling the Butler structure is observed further to the west and tested by a few holes (BP11-V06, MN07-49, etc.). Gabbroic intrusions

appear to have been emplaced near the base of the volcanic-sedimentary sequence. Intrusions have undergone some differentiation and segregation of mineral phases (magnetite accumulation at bases). What rocks these are emplaced into are not drill tested (only strong magnetic lineaments). Similarly, the stratigraphy between MN10-117 and MN10-123 (Butler 4 exhalative horizon) is not at all tested along the N-S limb of the Butler fold. Outcrop mapping that was completed in the area may provide some insight. The volcanic stratigraphy is not correlatable between all the drill holes, and it is ambiguous if the exhalative horizons are at the same stratigraphic horizon. The sequence as observed appears to be intermediate volcaniclastic that forms the footwall to an exhalative which is directly overlain by felsic volcaniclastic. The sequence appears to fine upwards with increased ferromagnesian content in the metasediments which are capped by the magnetic unit. The magnetic unit is interpreted to be exhalative metasedimentary based on texture, adjacent mineralogy (chlorite, actinolite) and the thin regionally extensive nature to the unit (alternate interpretation is a magnetic ferrogabbro). Overlying this unit are fine grained well laminated felsic metasediments. The increased presence of cross-cutting TTG dykes supports an interpretation that the hinge core is late stage felsic-intermediate intrusive. Multiple exhalative horizons are present and appear laterally continuous. Copper-zinc mineralization appears poorly developed and the presence of volcaniclastics and fining upward sequences of metasediments are interpreted to be a distal volcanic facies of lower prospectivity. This sequence is potentially capped by a regional low temperature Fe-oxide metasedimentary unit, with rare weak conductors occurring higher in stratigraphy.

5.1.3.6 Butler 9

The Butler 9 area occurs along strike to the south from Butler 4. The upper magnetic unit stratigraphically lying above Butler 4 does not occur above Butler 9, rather it is folded to the northeast. As such, some structural complexities are hypothesized. Two drill holes targeted conductive anomalies located in a magnetically benign area. Only MN08-79 was reviewed.

MN08-79 Drill hole summary

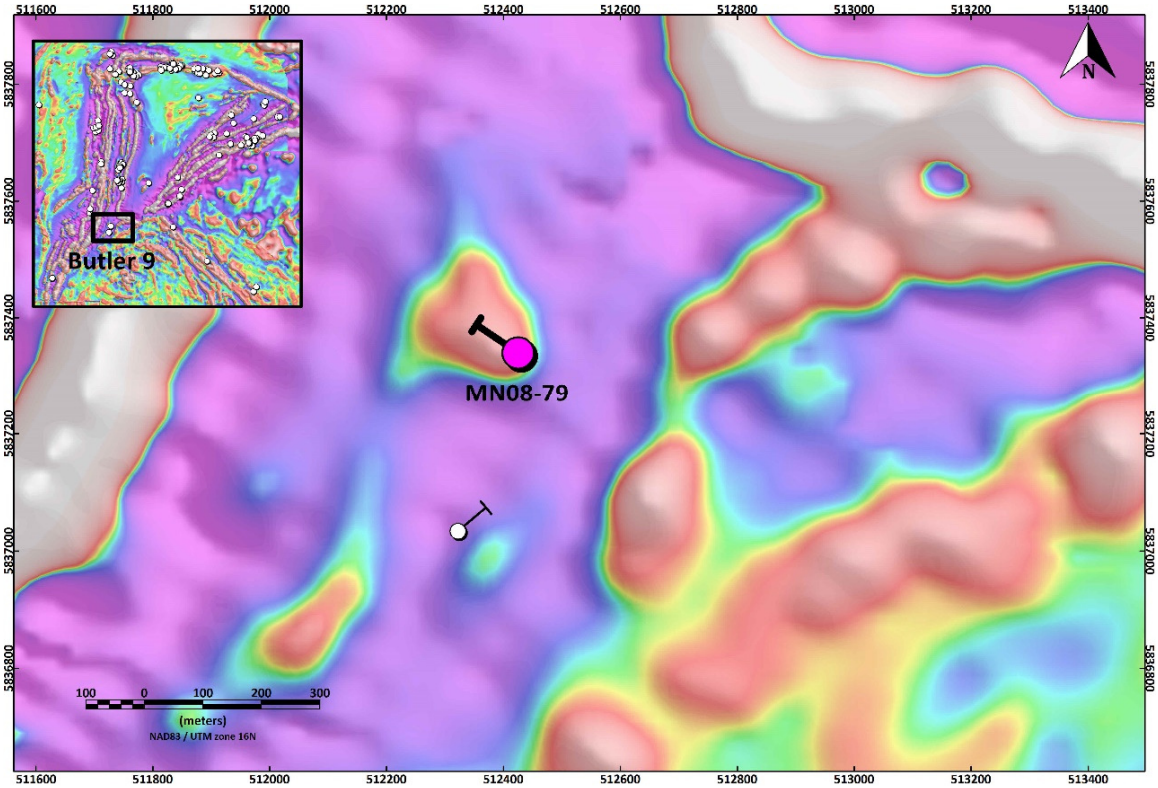

Figure 39: Butler 9 drill hole plan map with MN08-79 highlighted with pink collar.

The hole (**Fig. 39**) was drilled to the northwest and interpreted to be drilling down stratigraphy. The hole collars into granitoid at 9m and a biotite-chlorite altered schist at 11m. From 11m to ~61m metasedimentary rocks alternating between biotite-chlorite schists and wacke sediments with laminated bedding were observed. Massive sulfide (pyrite and pyrrhotite) occurs from 61.0 to 61.5m followed more wacke sediments from 61.5m to 89m. The angle of bedding indicates units dip to the west. Sulfide occurs within the unit as 50-70cm wide patches/intervals. Felsic volcanics are observed from 89m to end of hole. Volcanic rocks appear to be volcaniclastic or flow top breccias to a depth of ~114m where a transition to more massive units are observed. Minor alteration is observed in the unit.

5.1.3.7 Butler 10

The Butler 10 area occurs along strike to the south from Butler 4 and Butler 9. On the basis of magnetic response Butler 10 appears to be testing an interval equivalent to the Butler 4 footwall (MN10-117) stratigraphy. Two drill holes targeted conductive anomalies located in the area that were coincident with a strong magnetic response. Only BP11-CU02 was reviewed.

BP11-CU02 Drill hole summary

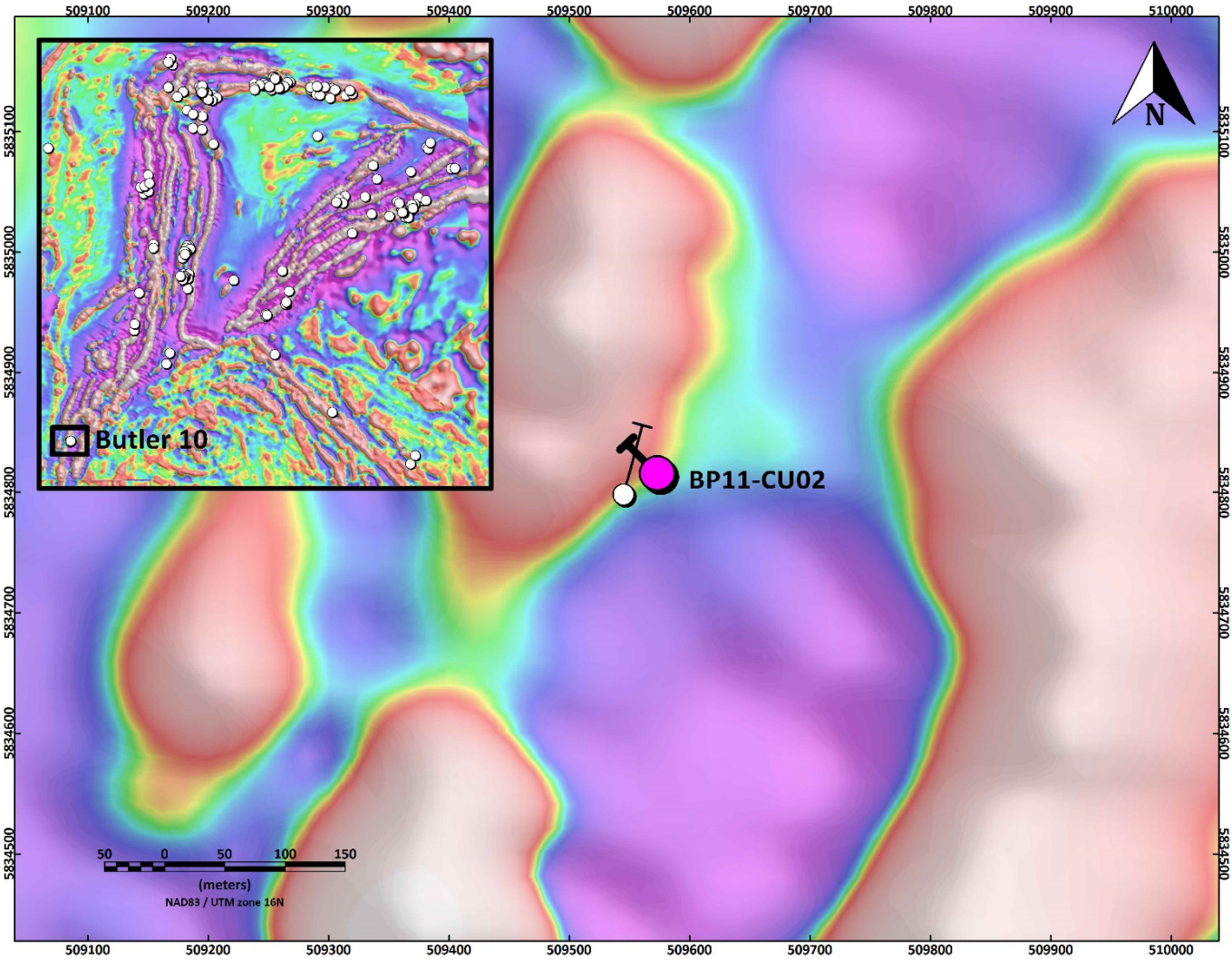

Figure 40: Butler 10 drill hole plan map with BP11-CU02 highlighted with pink collar.

The hole (**Fig. 40**) was drilled to the northwest and interpreted to be drilling down stratigraphy. Metamorphic grade was noticeably higher in the drill hole then elsewhere, with a pronounced granular texture and abundant cross-cutting granite dykes. The EM conductor was identified within the drill hole as a sulfide hosted within tectonic veins/breccias. Spatially, chert and quartzite/wackes were with the sulfides. The rocks in the hangingwall to the metasedimentary unit were re-crystalized felsic to intermediate intrusives, possibly diorite, whereas the rocks in the footwall were re-crystalized mafic intrusives, as hypothesized from amphibolite. The bottom of the drill hole was a homogenous biotite quartz-feldspar diorite/tonalite.

5.1.3.8 Butler 8 / SE Limb

The south east limb of the Butler area (also referred to as Butler 8) extends eastwards and almost perpendicular to the western limb and the greenstone that occurs as the southeast closure to the hinge. The tectonic/structural relationship to the rest of the Butler area is not understood. A moderately high linear magnetic response is observed with coincident conductivity. A series of drill holes have been completed in the area testing the highest conductance airborne EM anomalies along the strike of the regional target. Drill holes MN08-75, MN08-76 and MN08-82 were reviewed to establish geological understanding of the area and mineralizing potential.

MN08-76 Drill hole summary

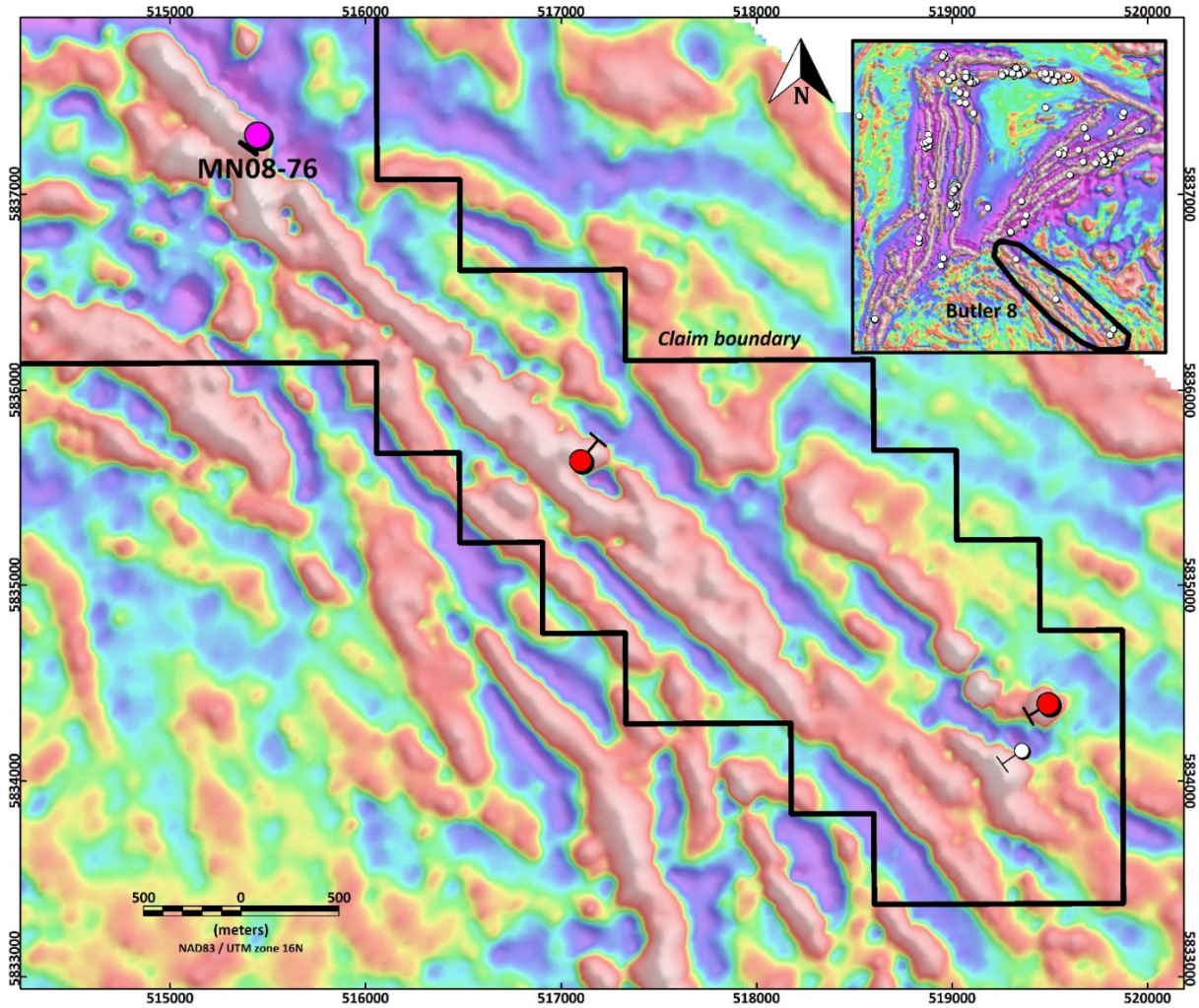

Figure 41: Butler 8 / SE Limb drill hole plan map with MN08-76 highlighted with pink collar.

The hole (**Fig. 41**) was drilled on the northeast end of the linear magnetic feature that defines the Butler southeast limb. And was drilled to the southwest testing coincident a magnetic and airborne EM response. The hole is complex as the stratigraphy is inflated by 50% by cross-cutting diorite/tonalite dykes characterized by coarse grained feldspar with a biotite matrix. The central portion of the supracrustal (EM target) is an exhalative pyrrhotite with laminated/planar bedding. Lenses of metasedimentary rocks continue above and below with laminations and potential graded beds (garnet and biotite). Unit is interpreted to be a quartz rich sandstone (greywacke).

MN08-75 Drill hole summary

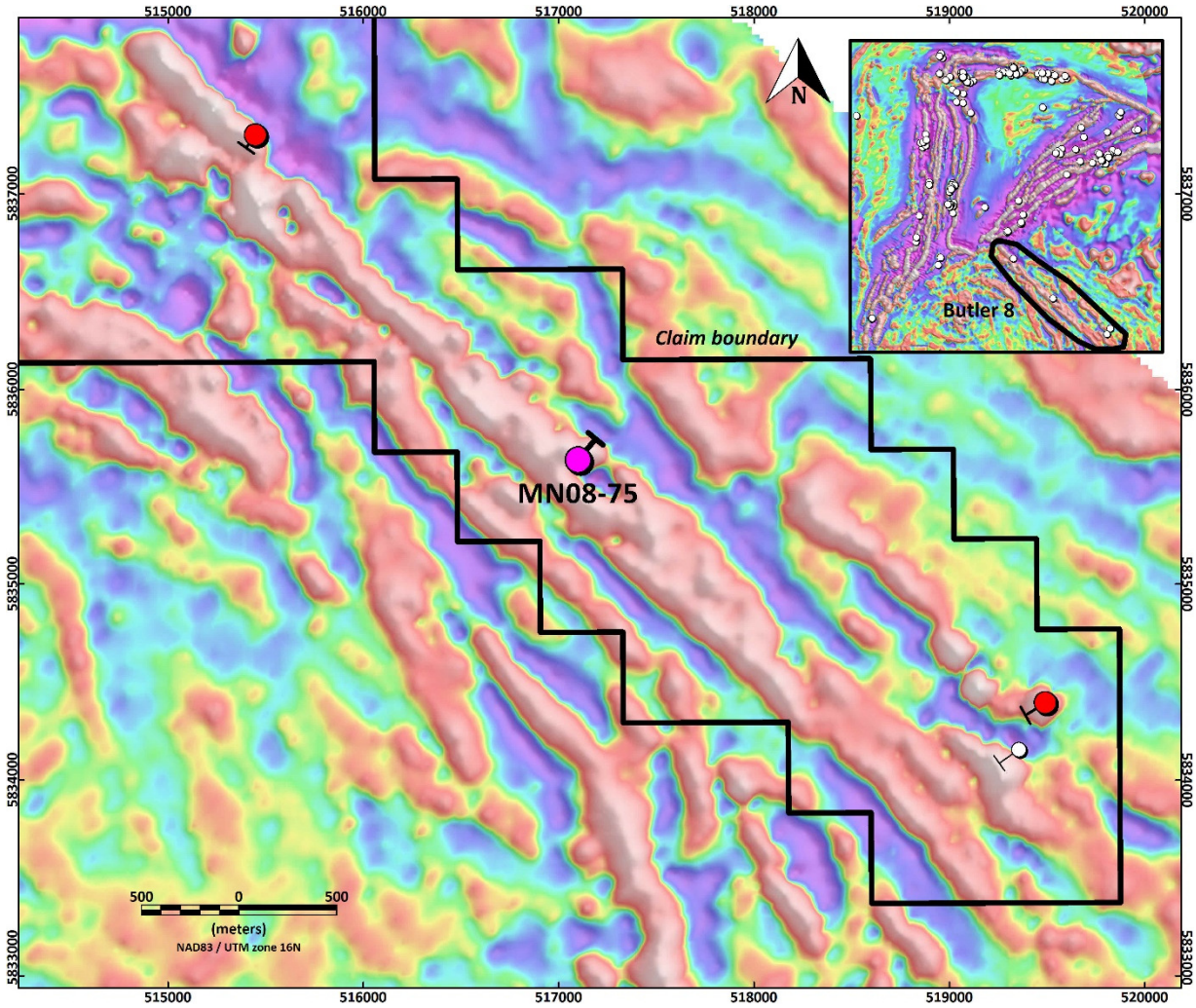

Figure 42: Butler 8 / SE Limb drill hole plan map with MN08-75 highlighted with pink collar.

The hole (**Fig. 42**) was drilled in the central portion of linear magnetic feature targeting the same stratigraphy as MN08-76 and was drilled to the northeast testing a coincident magnetic and airborne EM response. Similar rock types are observed with the EM target identified as massive to semi-massive pyrite and pyrrhotite with elevated copper. Up hole from this is a massive homogenous unit interpreted to be a mafic volcanic that is garnet and biotite altered with chlorite stringers cross-cutting (possible Fe-metasediment). This may be retrograded cordierite in some sections. Downhole from the massive sulfide is a narrow chert band (at ~125m) with weak

graded bedding indicating tops down hole (younging to northeast). Minor disseminated sulfide occurs above and the rocks are increasingly cross-cut by tonalite dykes.

MN08-82 Drill hole summary

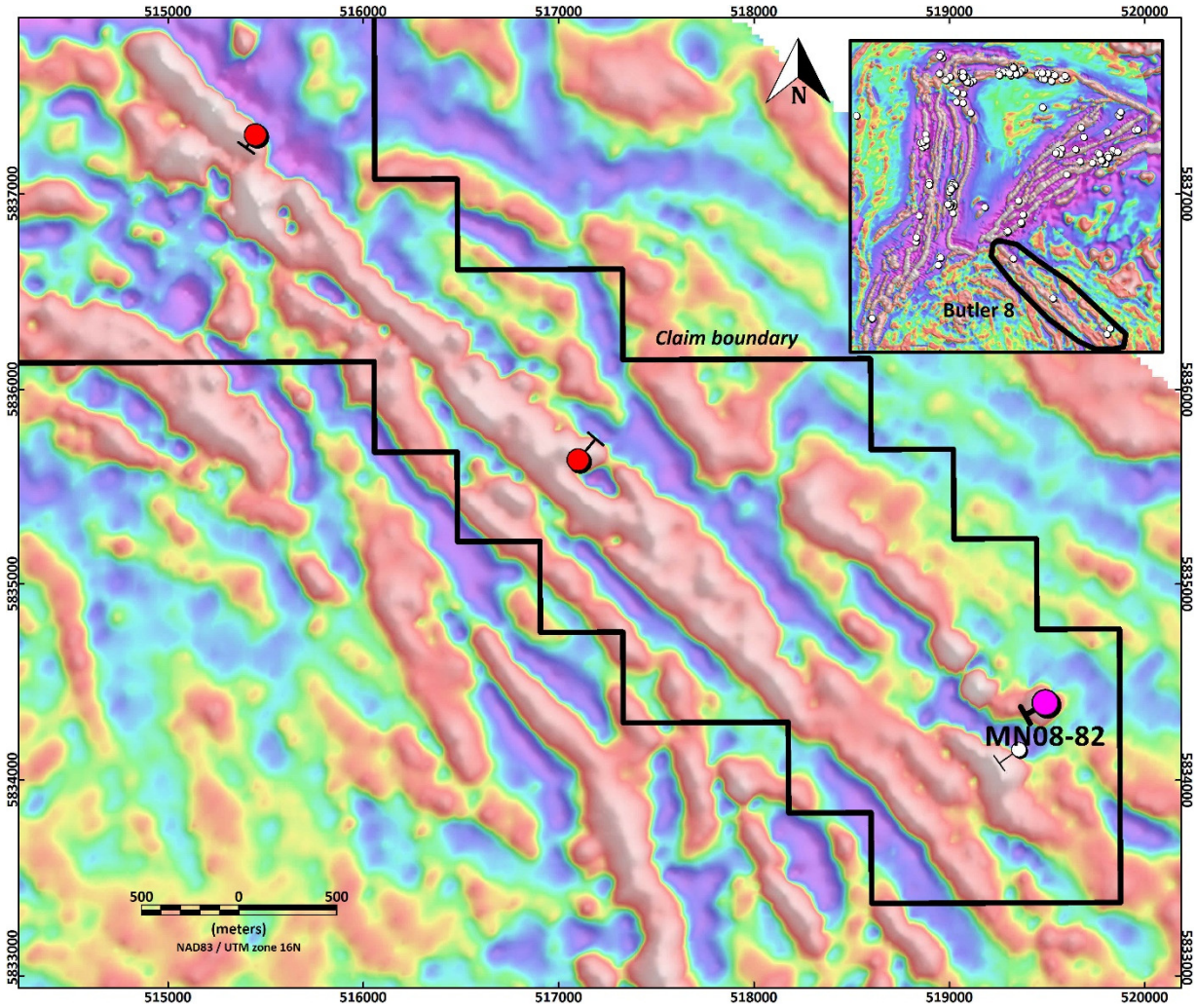

Figure 43: Butler 8 / SE Limb drill hole plan map with MN08-82 highlighted with pink collar.

The hole (**Fig. 43**) was drilled in the southeast end of the linear magnetic feature and was targeting the same stratigraphy as MN08-75 and -76. The hole was drilled to the southwest testing a coincident magnetic and airborne EM response. The hole collars into tonalite/diorite and at ~20m intersects intensely chlorite altered volcanic with narrow stringers of pyrite and chalcopyrite. This is followed by a narrow interval of felsic volcanic which grades into an observed quartzite unit by ~42m. There is a gradational change again down hole into a quartz rich metasediment following this.

Butler 8, 9, and 10 Summary

These areas display very similar rock types and sulfide mineralization. Quartz rich metasedimentary units are ubiquitous in all areas. Exhalative sulfide comprising pyrite and pyrrhotite were intersected and all had low to anomalous concentrations of Cu or Zn. Both silicate facies iron formation and banded iron formation are present within the sedimentary stratigraphic sequence. On the western limb of the Butler fold these rocks appear to be

low in the stratigraphy potentially near the base of the greenstone sequence. The presence of mature metasediments and exhalative sulfide is tectonically interesting, but they do not appear to be well mineralized.

5.1.3.9 Butler 1

The Butler 1 area occurs along the same stratigraphic horizon as Butler 3 (3.7km to the west) and Butler 2 (2.2km to the west). The stratigraphy at Butler 1 appears slightly more complex as two regional conductive horizons are identified, with one occurring above the magnetic feature where at Butler 2 it was located stratigraphically below. Drill testing has been completed on both horizons. Core reviewed at this time examined a single drill hole from the western end.

MN10-118 Drill hole summary

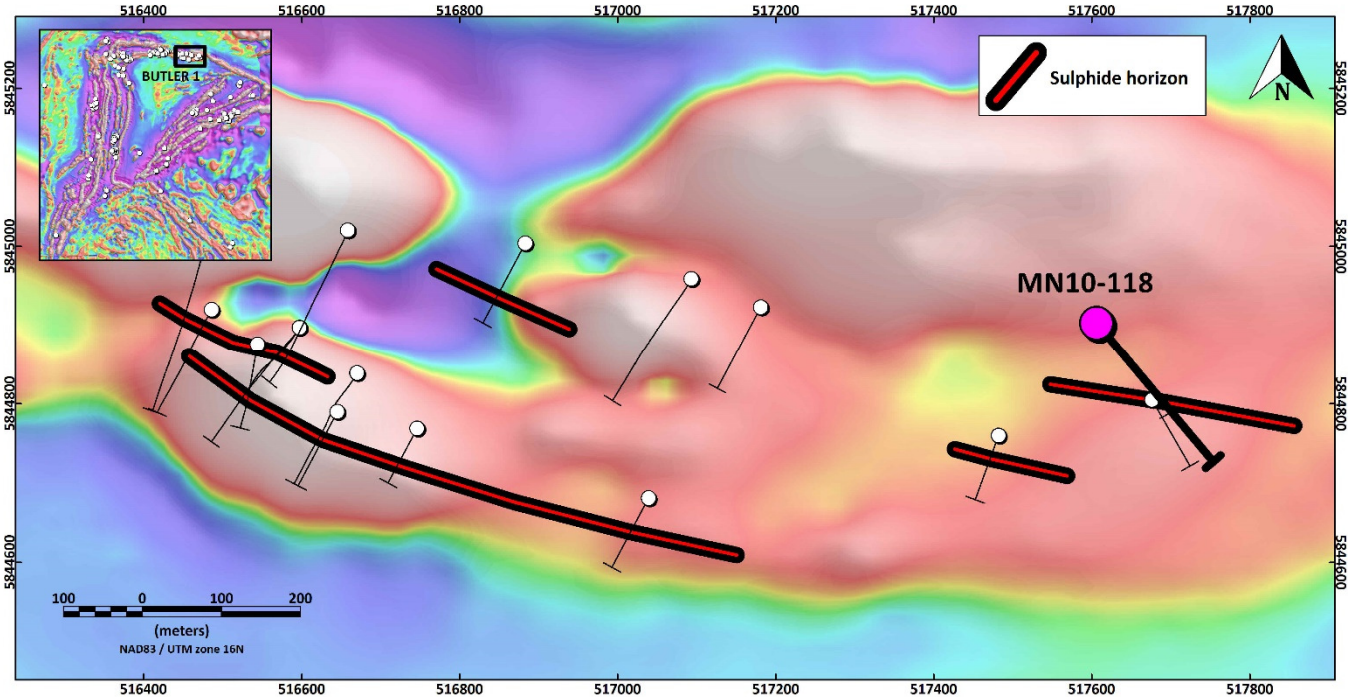

Figure 44: Butler 1 drill hole plan map with MN10-118 highlighted with pink collar.

The hole (**Fig. 44**) was drilled on the eastern end of the Butler 1 area where two conductive horizons merge into one with a broad regional magnetic high response. The hole was drilled to the southeast and drilled up stratigraphy. The hole collars into felsic volcanic flows at 16.5m that display massive basal portions to ~46m then transition into flow top breccia ending at ~59.5m. Weak to no alteration was present. An intermediate volcanic flow occurs from 59.5 to 87.3m. Unit appears massive and fine grained at the base grading down hole into spherulitic textured massive flow with possible flow top breccia for the last ~2-3m. Sharp contact is observed at the end of the unit with weak pervasive chlorite alteration. A mafic tuff to massive metasediment (possible intrusive?) occurs from 87.3m to 104m. Unit is massive, fine grained, homogenous in texture. Minor brittle calcite fractures occur. From 104 to 132m a fine grained massive felsic tuff with rare quartz phenocrysts is present. Unit contains possible lapilli. An intermediate volcaniclastic as a feldspar-crystal lapilli tuff (or intrusive) occurs from 132 to 161.45m. Interval has a very uniform texture with biotite surrounding the lapilli fragments. From 161.45m to 189.6m intermediate volcaniclastic grades down hole from fragmental to finely laminated tuffs. Pervasive biotite alteration occurs throughout with moderate chlorite alteration and trace stringer of sulfide. Possible feldspar crystal tuff layers are present. Mafic tuff characterized by fine grained and well laminated bedding occurs from 189.6m to 220m. Strong pervasive chlorite alteration with foliation parallel stringer sulfide begins to occur

with increased magnetite abundance. Sulfides dominant pyrite and pyrrhotite with minor chalcopyrite. Massive sulfide occurs at 205.5 to 206.4m with stringer sulfide below and a second massive sulfide intersection ~30cm wide at 212m. Strong chlorite alteration continues to ~220m. Felsic to intermediate flow top breccia is observed from 220-261m. Numerous flow bands are observed at random orientations. Unit is chlorite altered and sulfidized with chlorite alteration decreasing down hole. Sulfide (mix of pyrite and chalcopyrite and rare veinlets of sphalerite) occurs largely as replacement with rare massive accumulations (234.75m at 30cm). A narrow interval from 261 to 264.3m was logged as felsic tuff to greywacke. Unit contains massive bands to finer bands with strong chlorite alteration and possible talc. Fine disseminated pyrite occurs throughout. From 264.3 to 299.3m a massive felsic unit is observed (intrusive?). Unit is fine grained to aphanitic-dark grey to black in colour and featureless. Sharp contacts are observed at the top and bottom. Unit is not altered and contains only minor brittle veining. Possible fine spherulite texture at up hole contact for ~2m. The end of the drill hole from 299.3 to 307m (EOH) is an intermediate to felsic volcaniclastic tuff with moderate to weak pervasive chlorite alteration, strong banded appearance and minor sulfide at the upper contact as foliation parallel stringers. The drill hole appears to have more proximal volcanic facies lower in the stratigraphy than the Butler 2 area. This area still displays a fining upward sequence that is common around the Butler hinge. Exhalative sulfides are present, both as massive intervals and as replacement, but grades and thicknesses are low.

5.1.3.10 Butler 2

The Butler 2 area is located ~2km to the east of Butler 3. The target area appears to be at a very similar stratigraphic setting as Butler 3. The area was targeted to follow up on the strongest airborne EM conductors occurring within and adjacent to a linear magnetic high feature. A moderate to high amount of drilling has been completed in the area with limited ore grade intersections. Two drill holes were reviewed higher in the stratigraphy (MN10-88 and MN10-115) and a single drill hole that is located ~250m into the footwall (MN10-97).

MN10-88 Drill hole summary

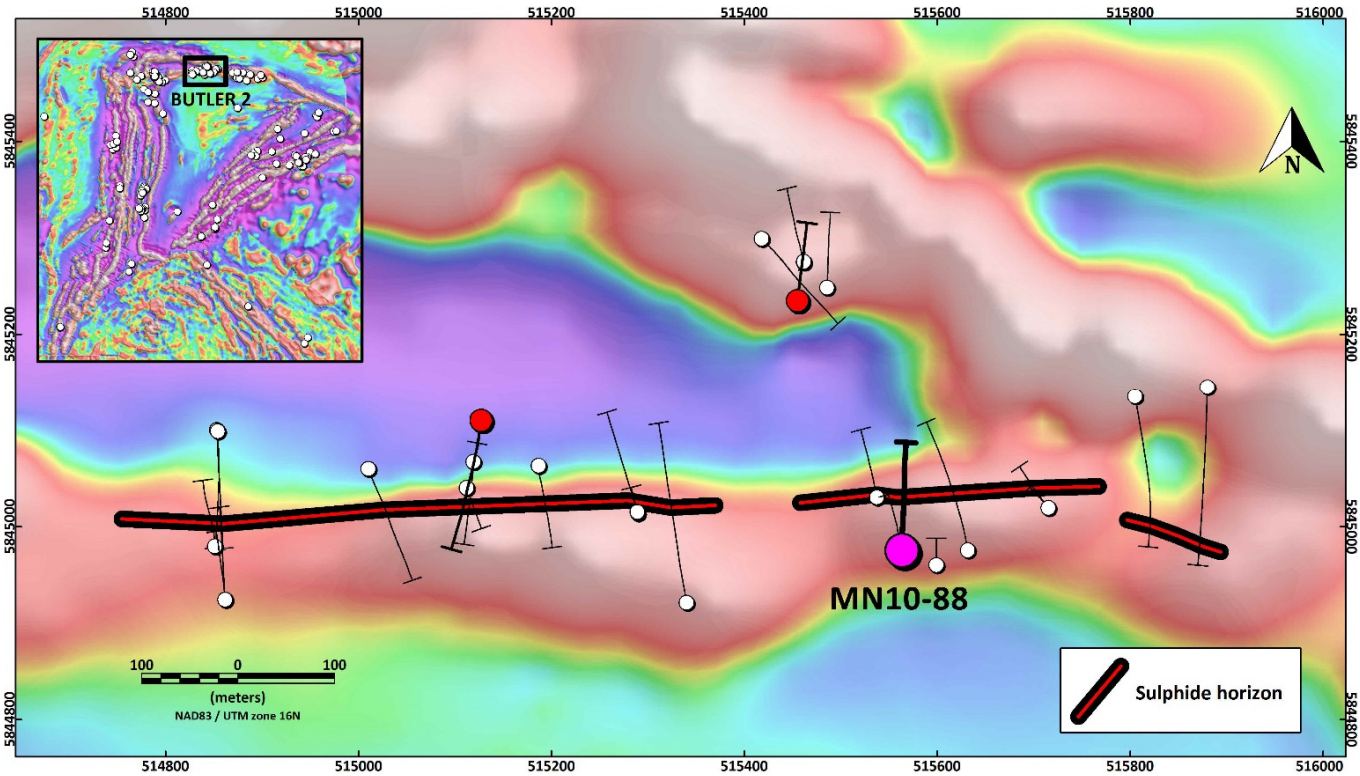

Figure 45: Butler 2 drill hole plan map with MN10-88 highlighted with pink collar.

The hole (**Fig. 45**) was spotted to the south of a regional conductor and coincident magnetic trend and was drilled north, down stratigraphy. The hole collared into mafic volcaniclastic rocks that were dark green in colour with moderate to strong chlorite alteration. Strongly deformed lapilli are present along with nodular quartz (possibly deformed amygdules). Trace disseminated sulfide occurs throughout with anomalous Cu and Zn. From 66m to 85m intermediate to felsic volcaniclastic lapilli tuffs with moderate chlorite alteration is observed. Unit contains finely laminated intervals and dominantly laminated at the base of the unit. Sulfide zone occurs from 85m to 87m comprising pyrite and sphalerite as replacement of lapilli fragmental. Very sharp contacts occur at top and bottom and unit grades down into intermediate fragmental with limited alteration (footwall). Intermediate to felsic metasediments that are well laminated extend to a depth of 110m with very siliceous sections. Felsic to intermediate lapilli tuff to tuff occur from 110 to 169.2m. Volcaniclastic coarsens down hole (down stratigraphy) to fragmental and possible flow banded breccia at 147m. Cross-cutting pyrite chlorite-magnetite stringers are present. From 169.2m to 182.8 (EOH) rocks are felsic volcaniclastic lapilli tuff with weak to moderate chlorite alteration with chlorite-sulfide stringers cross-cutting.

MN10-115 Drill hole summary

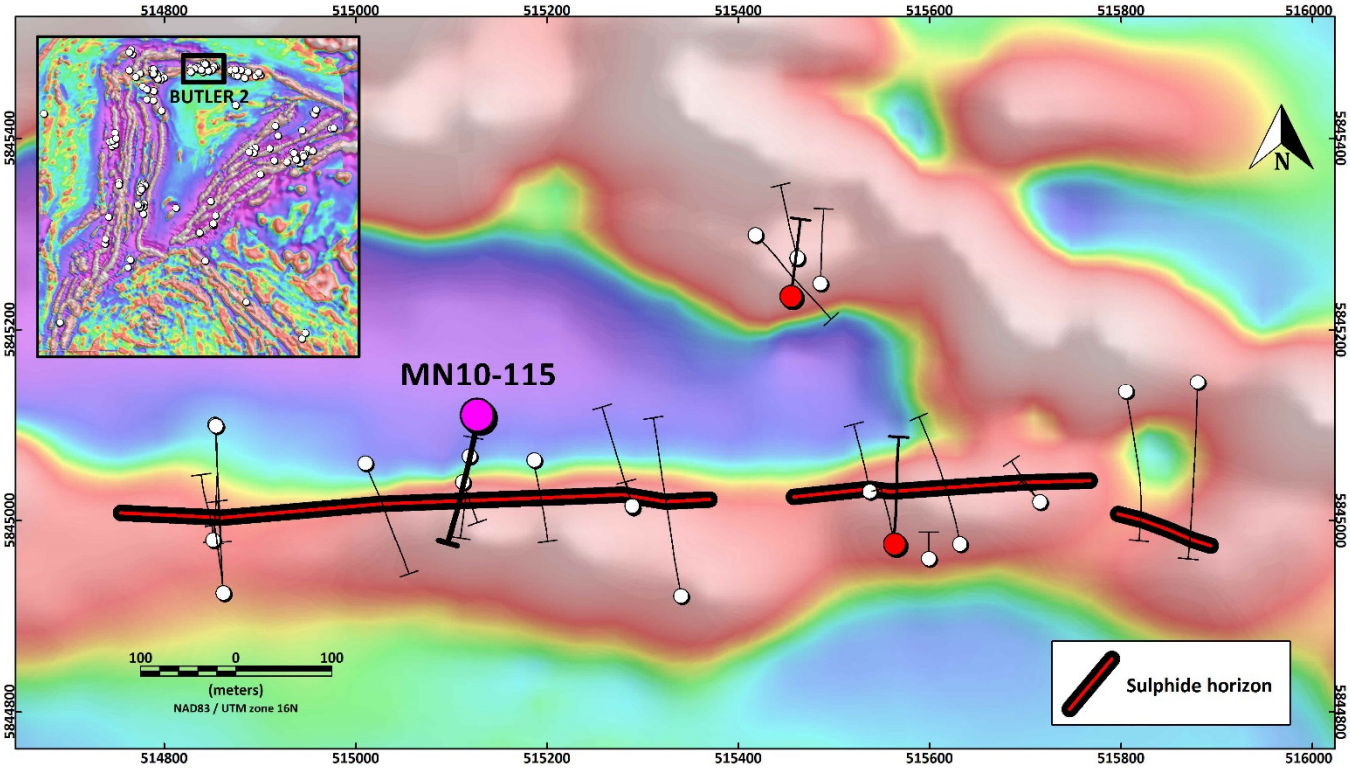

Figure 46: Butler 2 drill hole plan map with MN10-115 highlighted with pink collar.

The drill hole (**Fig. 46**) tests the same linear magnetic target with coincident EM response as MN10-88. The hole was drilled from north to south and intersects the same sequence of rock types. The sulfide zone again looks as replacement texture in volcaniclastic lapilli fragmental with moderate chlorite and carbonate alteration. Minor sericite was observed in the interpreted footwall and chlorite is observed to extend higher up into the stratigraphy. The hole collars into felsic flow rock and lapilli tuffs with minimal alteration. This fines upwards to well laminated felsic siltstone with tops to the south. The Butler 2 exhalative horizon is thin with sulfide replacement and poor grades (due to lateral fluid movement over broad zone). This is capped by intermediate flow/tuff rocks with moderate chlorite alteration.

MN10-97 Drill hole summary

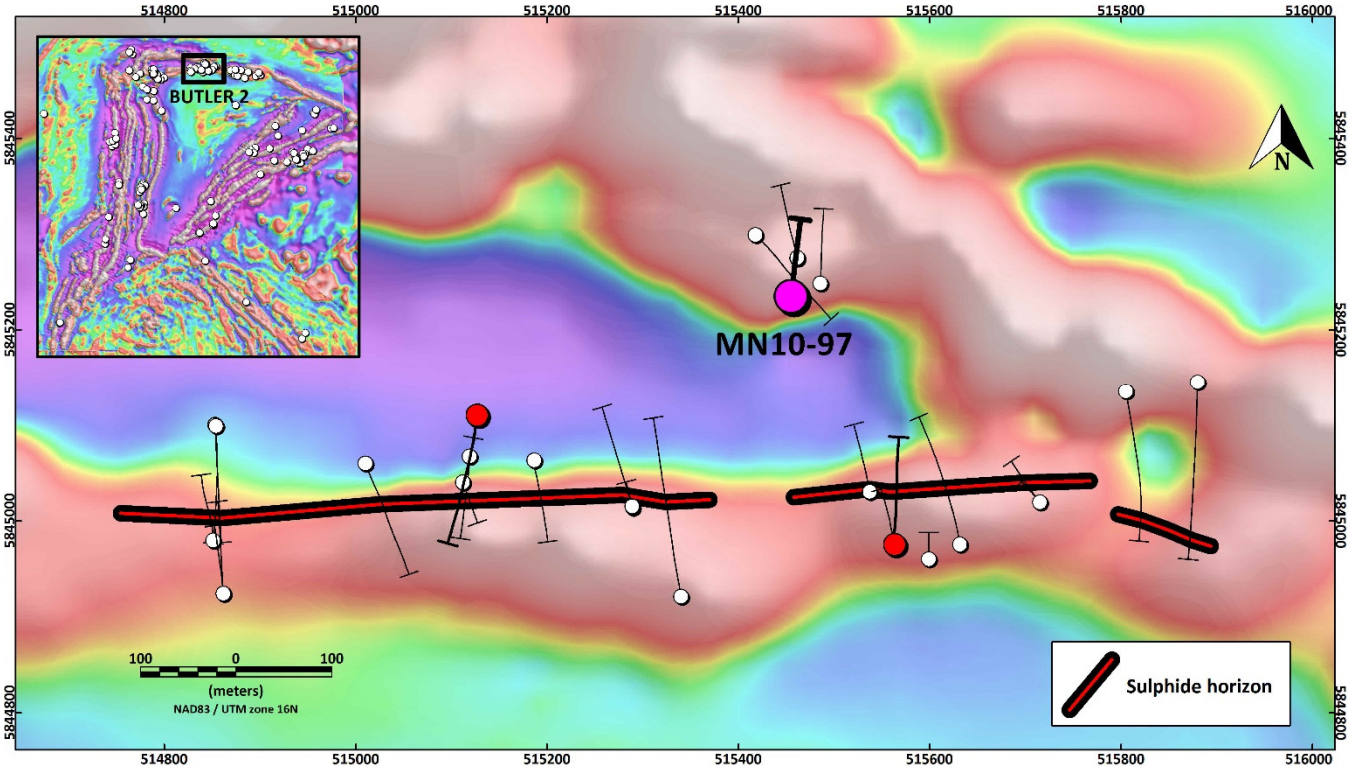

Figure 47: Butler 2 drill hole plan map with MN10-97 highlighted with pink collar.

The hole (**Fig. 47**) was drilled to test a short strike length airborne EM conductor pick associated with a regional magnetic high linear. Drill hole was drilled north (down stratigraphy). The hole collars into massive felsic-intermediate sub-volcanic flow/intrusive. Unit appears undeformed and unaltered. At 52m intermediate supracrustals occur. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization. At ~59m the lower contact of the unit is observed. From 69 to ~80m amphibole-phyric unit, possibly cross-cutting mafic dyke is observed. Weakly anthophyllite altered felsic-intermediate occurs to end of the drill hole. Unit is very crystalline and hard.

5.1.3.11 Butler 6

The Butler 6 area is located on the eastern limb of the Butler Assemblage and is proximal to the junction of Butler 4 area, Butler 9 area and where the southeast limb joins. A series of magnetic high lineaments are present with a series of short strike length conductors present. A number of holes were drilled in the area with two holes reviewed (MN10-10 and BP11-V05).

MN10-110 Drill hole summary

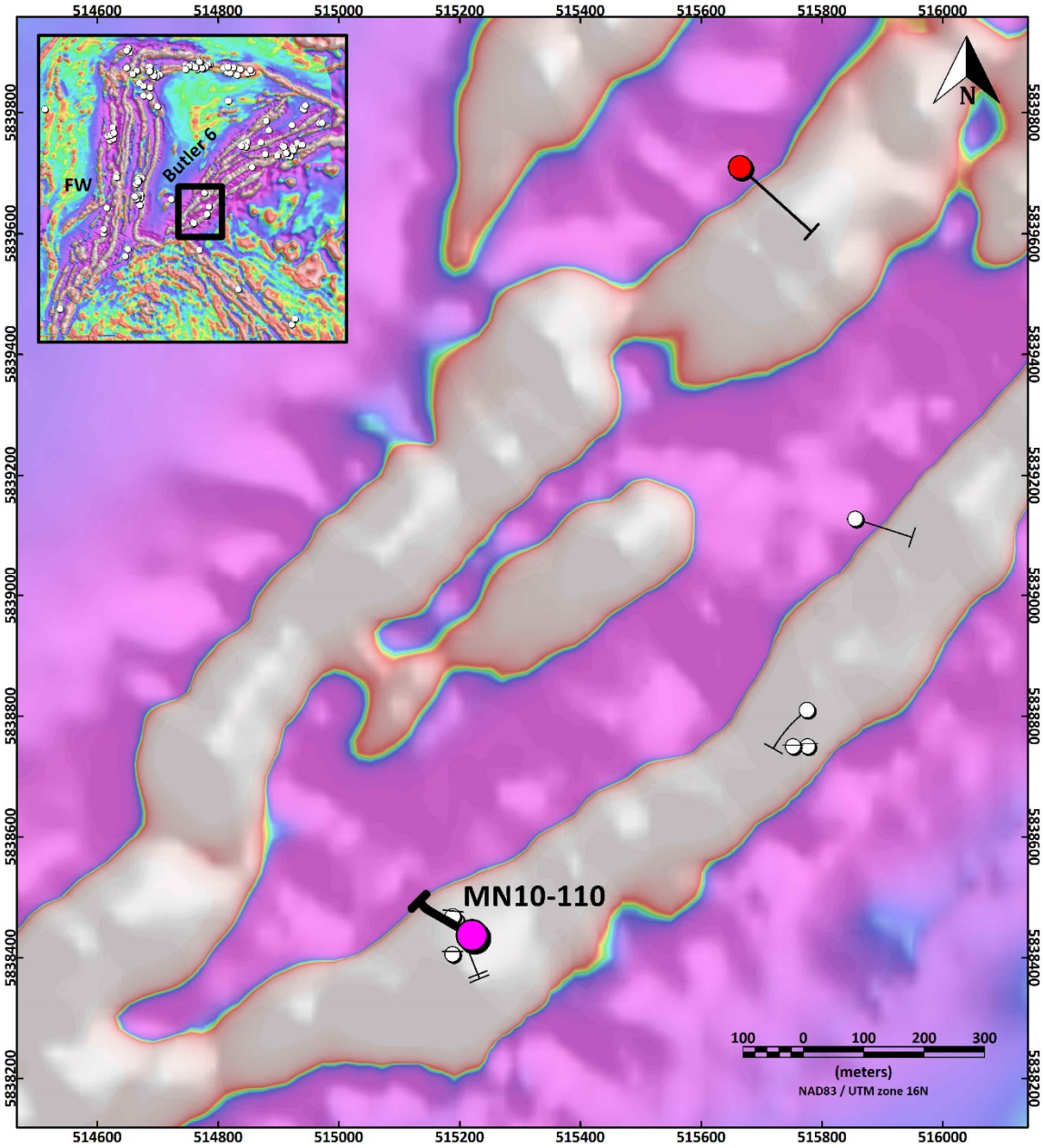

Figure 48: Butler 6 drill hole plan map with MN10-110 highlighted with pink collar.

The hole (**Fig. 48**) was drilled to the northwest on a strong magnetic linear high targeting a series of airborne EM anomalies. The drill hole collared into ferro-gabbro to oxide gabbro with magnetite accumulations (massive oxide at ~20m). Cross-cutting tonalite dyke occurred from 24 to 32m. Gabbro becomes finer grained down hole to ~61.3m where the main lithology was interpreted to be mafic volcanic with variable textures ranging from coarse to fine and variable magnetite with a strongly altered and sheared zone from 67-74m. The mafic volcanic where cross-cut by a series of ferro-gabbro intrusions. Cohesive ferro-gabbro is again observed at ~82m and continued to the end of the drill hole. The lower gabbro unit varies from fine grained to coarse grained with feldspar, pyroxene, magnetite and trace sulfide. Multiple thin mineral fractionation sequences comprising of oxide accumulations, feldspar accumulation decreasing in size down hole followed by a sheared ferro-magnesium

interval were observed and hypothesized to indicate facing direction to be down hole. The drill hole intersected a Zn mineralization of ~10% from a single sample at a depth of 94.5m. The occurrence was a sphalerite-pyrite-pyrrhotite veinlet with a brecciated texture occurring at the contact between ferro-gabbro and tonalite intrusive. The interpretation was the vein represented late remobilized/hydrothermal sulfide. Based on general fractionation trends and grading of layers in the intrusives (ferrogabbro), it would suggest a younging to the NW and lies in an isoclinal fold with a fold nose to the SW.

BP11-V05 Drill hole summary

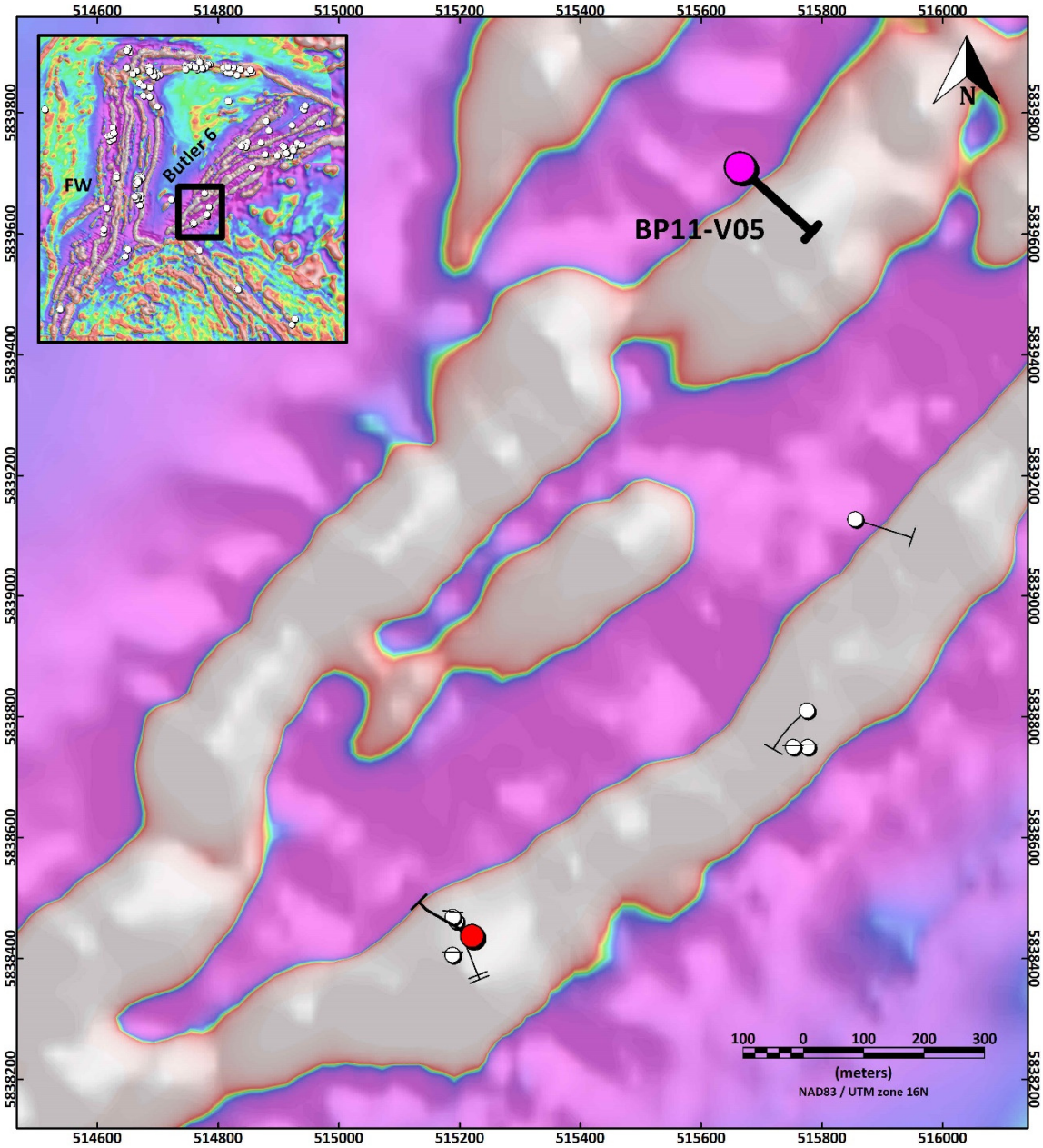

Figure 49: Butler 6 drill hole plan map with BP11-V05 highlighted with pink collar.

The hole (**Fig. 49**) was drilled 1.3km to the NNE of MN10-110. Drill hole target coincident EM located along a strong magnetic linear. Hole was drilled to the southeast and intersected mafic volcanic at a depth of 12m. Unit was fine grained and homogenous with rare possible elongate amygdules. Moderate pervasive foliation was observed throughout. A narrow felsic volcaniclastic crystal tuff occurred between 40.83 and 42.5m followed by mafic volcanics to a depth of 84.5m where a ferro gabbro is observed with massive oxide accumulations in a melano-gabbro. Intrusive unit continues to a depth of ~119m where it is cross-cut by a granite intrusive till~154m. Ferro-gabbro continues to ~160m where accumulations of oxide up to 1m in width are observed. Oxide accumulations define a sharp transition to the underlying pyroxenite (?) which extends to a depth of ~190m where a quartz vein (fault?) defines the contact. At 191m a possible narrow chert band (<10cm) wide occurs structurally above possible mafic volcanic rocks that are cross-cut by granite veins. The interpreted mafic volcanic extends to a depth of 225m where a ferro-leuco gabbro as defined by coarse feldspar and magnetite is observed.

5.2 Geological Mapping

5.2.1 Program Description & Personnel

In conjunction with the Butler core re-logging program, a Butler mapping program was executed between June 7-11, 2018. Outcrop in the Ring of Fire is generally very sparse, with most of the region covered by muskeg, till and water. However, in the Butler area, and towards the west of the Ring of Fire in general, thinning muskeg and till layers result in more exposed bedrock. With this in mind, the objective of the program was to map identified outcrops on the property in hopes of better understanding the distribution of key units identified in the core logging program, as well as to obtain information in areas where little historical drilling had taken place.

The program consisted of two mapping crews, each with a geologist and field assistant. The first crew consisted of Ryan Weston (geologist and Noront VP of Exploration) and Rob Lyght (geotechnician) and the second crew consisted of Matt Deller (senior geologist) and Tristan Megan (geotechnician). Garmin handheld 60CX and 62CS devices were used for collecting positioning data.

The focus of the program was to work in areas where known occurrences and/or EM conductors lie, and as such traverses were planned to cover as much of the western and eastern limbs of the Butler fold structure as possible. The mapping parties were successful in this objective, traversing a collective 67km and mapping 121 individual outcrops in five days between June 7-11, 2018 (**Fig. 50**). This work was facilitated through use of publicly available satellite imagery to trace inferred outcrops and bedrock exposures prior to planning traverse lines. **Table 8** below presents details on the traverses completed. A detailed table of the outcrops along with the geochemistry certificate is presented below in section 5.2.2 and in **Appendix 4**.

All work was staged out of Noront's Esker site, with daily crew drop-off and pick-up via helicopter. Drop off and pick up points were pre-determined and communicated to the helicopter pilot each morning. Crews were outfitted with handheld radios to communicate with each other, as well as SPOT GPS units and a satellite phone to communicate with Esker site in the event of an emergency. With the exception of the 'odd' mosquito or black fly bite, the mapping program was completed without incident or injury to any of the workers.

A total of 10 grab samples were taken in the field in order to examine the geochemistry of certain lithologies encountered in the field (**Table 9**). Activation Laboratories ('Actlabs') of Thunder Bay, Ontario, analyzed the samples and normal internal QA/QC processes were followed (see section 5.1.2 above).

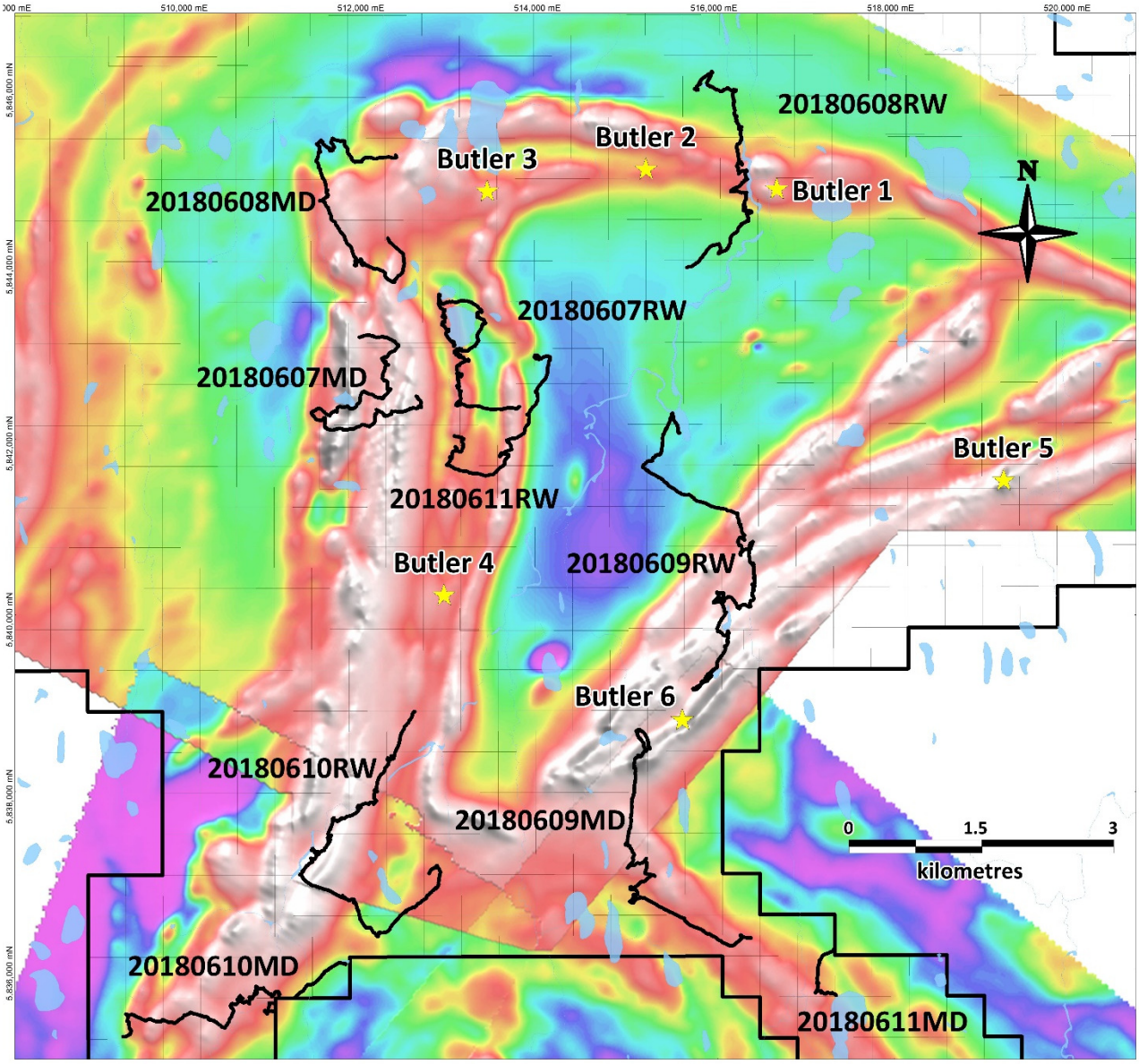

Figure 50: Location of 2018 mapping traverse lines on the Butler property.

Traverse_ID	Geologist	Date	Traverse KM	# Outcrops	# Samples
20180607MD	Matt Deller	07-Jun-2018	5.3	17	2
20180608MD	Matt Deller	08-Jun-2018	5.8	19	1
20180609MD	Matt Deller	09-Jun-2018	6.0	8	0
20180610MD	Matt Deller	10-Jun-2018	6.2	5	0
20180611MD	Matt Deller	11-Jun-2018	2.4	3	0
20180607RW	Ryan Weston	07-Jun-2018	7.6	19	2
20180608RW	Ryan Weston	08-Jun-2018	8.4	16	3
20180609RW	Ryan Weston	09-Jun-2018	10.6	13	3
20180610RW	Ryan Weston	10-Jun-2018	9.9	17	0
20180611RW	Ryan Weston	11-Jun-2018	4.8	4	0
TOTALS			**67**	**121**	**11**

Table 8: Summary of geological mapping traverses.

Sample ID	X	Y	Description	Outcrop #	Traverse	Cu ppm	Zn ppm	Ag ppm	Au ppb	Fe %	S %
1304251	512889	5843384	~1-2 cm Qz. Vein in altered felsic volcanics; chlorite, tr. py. Magnetite	BL03RW	20180607RW	18	18	<0.3	<2	7.44	<0.01
1304252	513060	5842727	~1-2cm Qz. Vein in Felsic intermediate, slightly altered, tr. Py and po	BL15RW	20180607RW	19	1760	<0.3	<2	8.92	<0.01
1304253	516222	5845082	dacite, ladder qz veining, Qz eyes, chlorite dyke, bio, calcite, tr.py, 4m X4m angular float.	BL26RW	20180608RW	20	54	<0.3	<2	4.14	0.03
1304254	516225	5845086	Same as above, but with 2-3% diss py	BL26RW	20180608RW	81	54	<0.3	<2	5.98	0.42
1304255	516265	5845125	dacite, calcite, 1-2 % diss.py, calcite and chlorite	BL28RW	20180608RW	18	41	<0.3	<2	5.44	0.04
1304256	516398	5840572	meta gabbro with chlorite dykes, feldspars, tr-1% py., Non magnetic	BL36RW	20180609RW	42	36	<0.3	<2	8.34	0.03
1304257	516064	5840180	meta gabbro with feldspars, tr. py., Non magnetic	BL40RW	20180609RW	24	7	<0.3	<2	6.17	0.04
1304258	516115	5839697	ferro gabbro, small outcrop, Moderately magnetic, 1-mm bleb of cpy	BL44RW	20180609RW	252	69	<0.3	6	11.5	0.07
1304259	511997	5843984	ferro gabbro, Moderately magnetic, 1-2%po, tr, py, tr.-1% cpy	BL19MD	20180608MD	525	79	<0.3	<2	11.9	0.35
1304260	512296	5842563	med grain grey mela gabbro, moderately magnetic, tr-0.5 % py, tr. cpy.	BL02bMD	20180607MD	475	65	<0.3	<2	11.7	0.16
1304261	N/A	N/A	Standard CDN-GS-5F	BL02bMD	20180607MD	n/a					

Table 9: Listing of grab samples taken during the mapping program.

5.2.2 Program Results

A summary of each traverse with accompanying map and photos is outlined below. Traverses were named according to date *YYYYMMDD* and geologist (*MD*-Matt Deller, PGO; *RW*-Ryan Weston, PGO). Labelled rock codes are alphanumeric, with the first character defining the rock class (V=volcanic; I=intrusive; S=sedimentary), second character defining approximate composition (1=felsic; 2=intermediate; 3=mafic; 4=ultramafic) and the third character defining the specific rock type. A full legend of rock codes is presented in **Appendix 3**.

Mapping encountered many of the lithologic units observed in the re-logging program, specifically:

- anthophyllite-garnet altered felsic-intermediate volcanic tuff/flows associated with the Butler 3 horizon

- variably magnetic siliceous siltstone/sandstone observed in the footwall and hangingwall of the Butler 4 occurrence and interpreted to be the epiclastic equivalent of coarser felsic-intermediate tuffs observed proximal to the Butler 3 occurrence
- crudely layered and fractionated gabbro-ferrogabbro suite in the footwall to the volcanic suite hosting the Butler 3 and 4 occurrences
- mafic volcanic and equivalent gabbro-ferrogabbro units of the eastern limb
- late granitoid intrusions south and east of the Butler fold structure

Foliation and bedding measurements taken in the field closely match the observed trend of the regional magnetic signature (**Fig. 51**) and confirm the dominant west-northwest plunging fold structure on the property as well as the overturned bedding on the west limb and the probable existence of a southwest plunging isoclinal fold in the east limb.

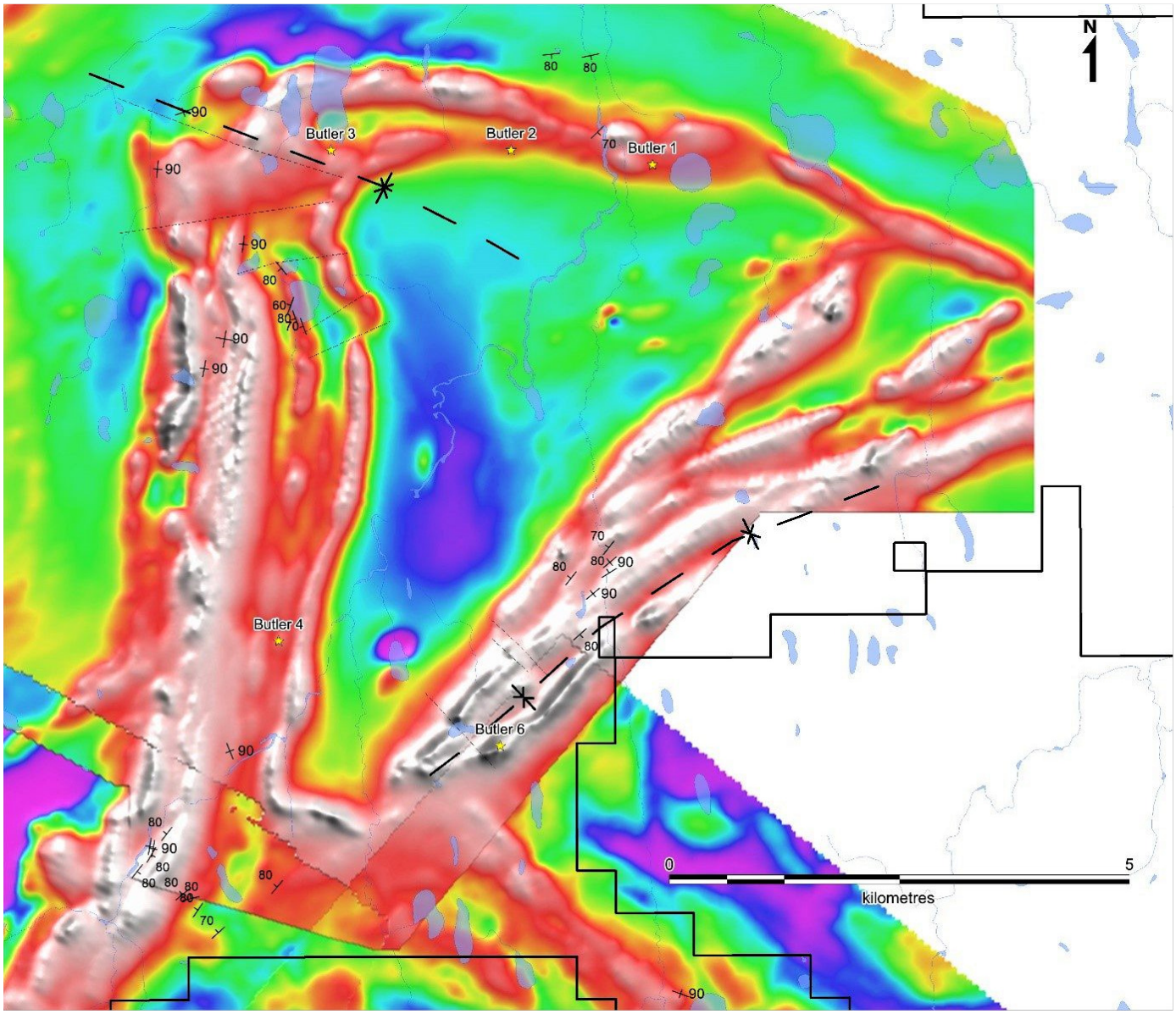

Figure 51: Foliation measurements from 2018 mapping program.

5.2.2.1 Traverse 20180607RW

Mapping targeted the southern continuation of the Butler 3 mineralized horizon. Abundant bedrock on the west and south sides of a small lake expose highly altered and metamorphosed intermediate to felsic volcaniclastic flows and tuffs (**Fig. 52**), commonly with radiating anthophyllite crystals believed to represent metamorphosed chlorite associated with VMS hydrothermal alteration (**Fig. 53**). A small exposure of unaltered felsic ash tuff was observed on the east side of the small lake.

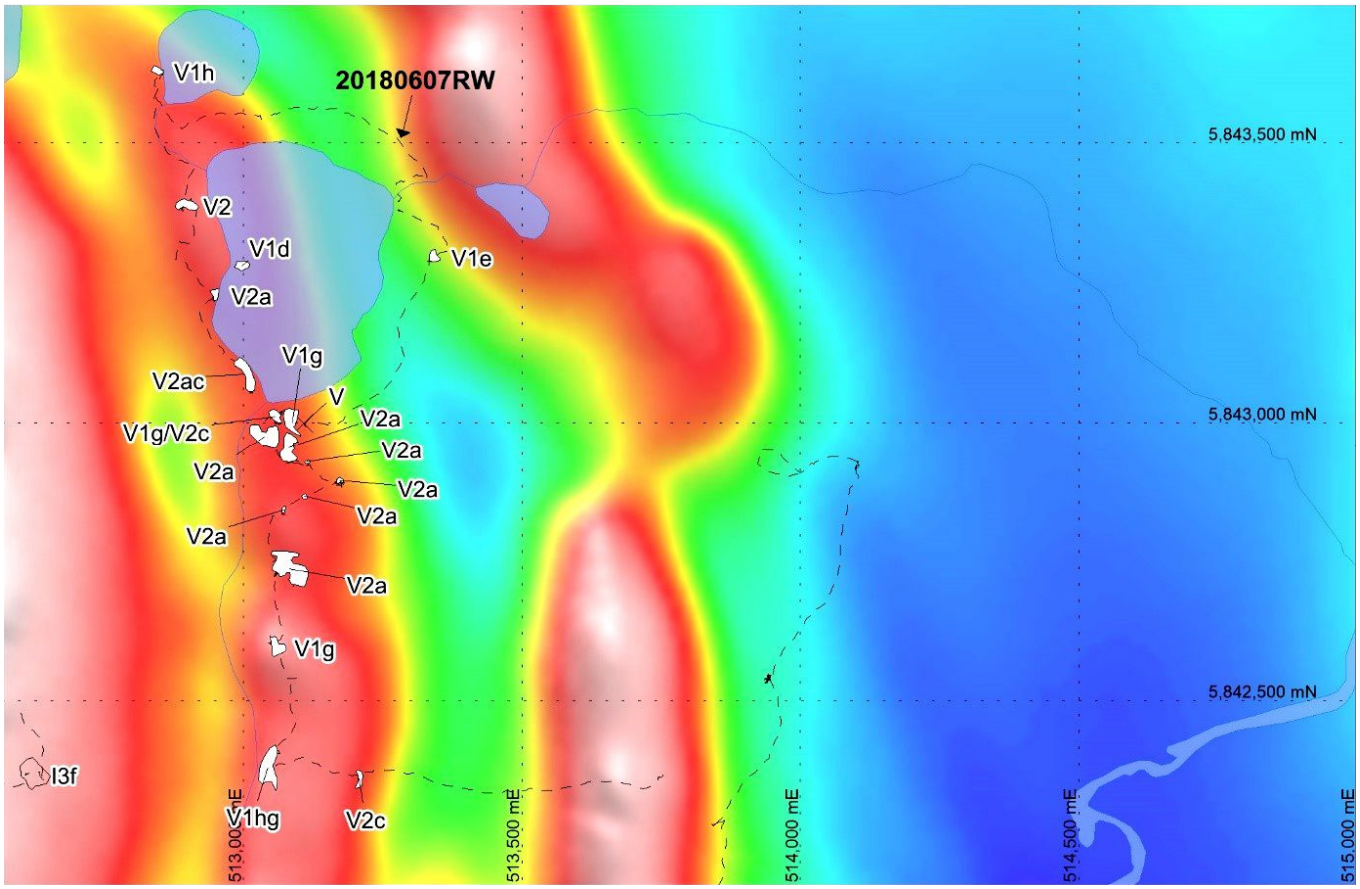

Figure 52: Outline of traverse 20180607RW with labelled outcrops and TMI airborne magnetics as base.

Figure 53: Weathered surface of felsic lapilli-tuff (top left); fresh surface showing grey anthophyllite crystals in a feldspathic matrix (top right); pillowed int-felsic flows (centre left); fine felsic ash tuff (centre right); weathered int-felsic lapilli-tuff (bottom left); quartz-amygdular lapilli fragments (bottom right).

5.2.2.2 Traverse 20180608RW

Mapping followed the west side of the north-trending Ekwan River and targeted a cross-section of the northern limb which hosts the Butler 1 and 2 occurrences. Sparse exposure south of the magnetic high consists mostly of granodiorite boulder fields and rare outcrop (**Fig. 54**). Within the magnetic high only sparse outcrops of altered felsic tuff were encountered. A large (~15m^2) boulder of sheared and highly chlorite-carbonate altered volcanic tuff riddled with quartz ladder veins (**Fig. 55**) was encountered and sampled for gold (samples 1304253, 1304254) but did not return any significant values.

At the north end of the traverse a large field of angular boulders (presumed sub-crop) of strongly sheared k-spar porphyritic monzodiorite was encountered and is believed to be the southern manifestation of the Webequie Shear zone (WSZ), a regional dextral shear structure which continues to the east and is believed to truncate the Double Eagle Intrusive complex, host to the Eagle's Nest Ni-Cu-PGE and Blackbird chromite deposits.

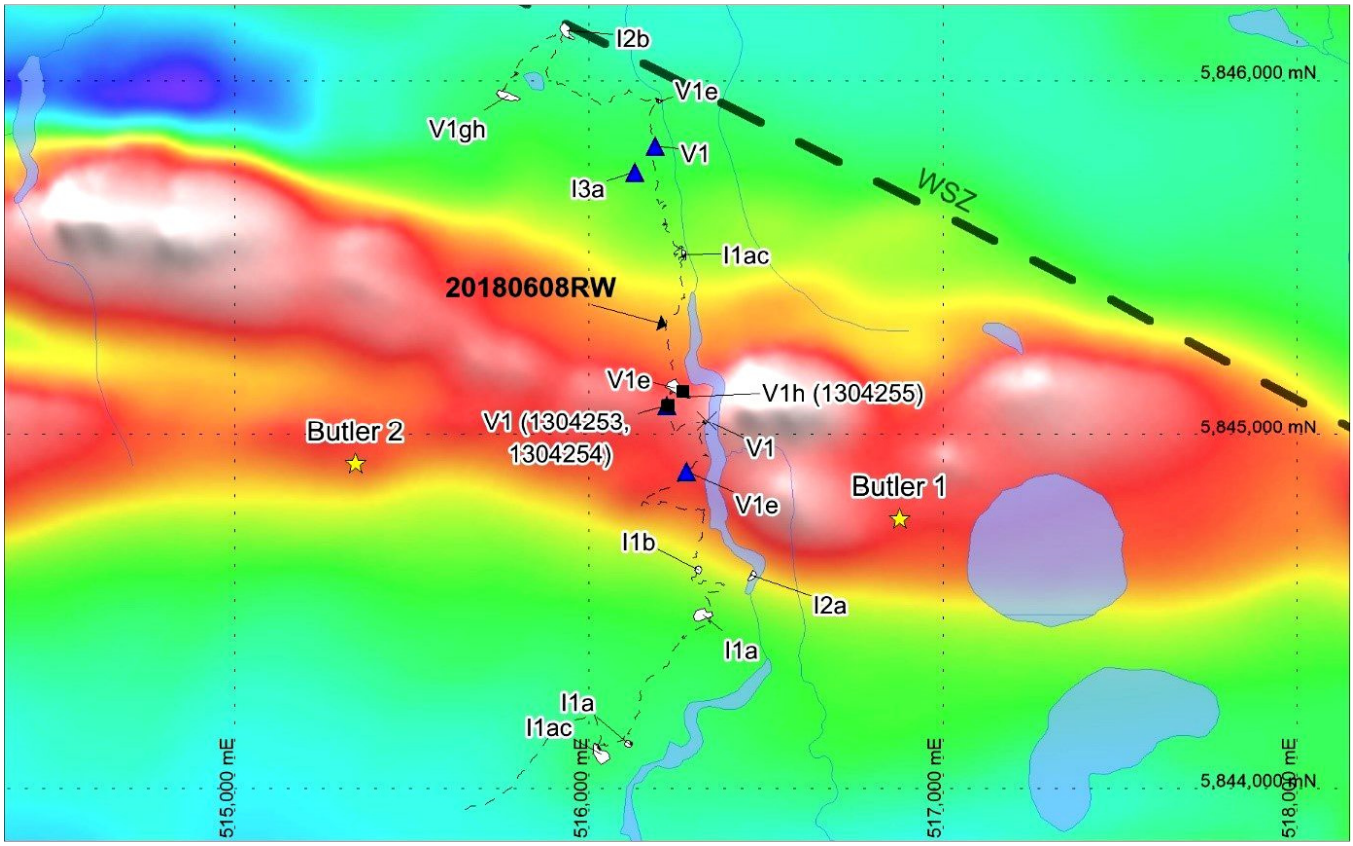

Figure 54: Outline of traverse 20180608RW with labelled outcrops and grab samples (black squares) and TMI airborne magnetics as base.

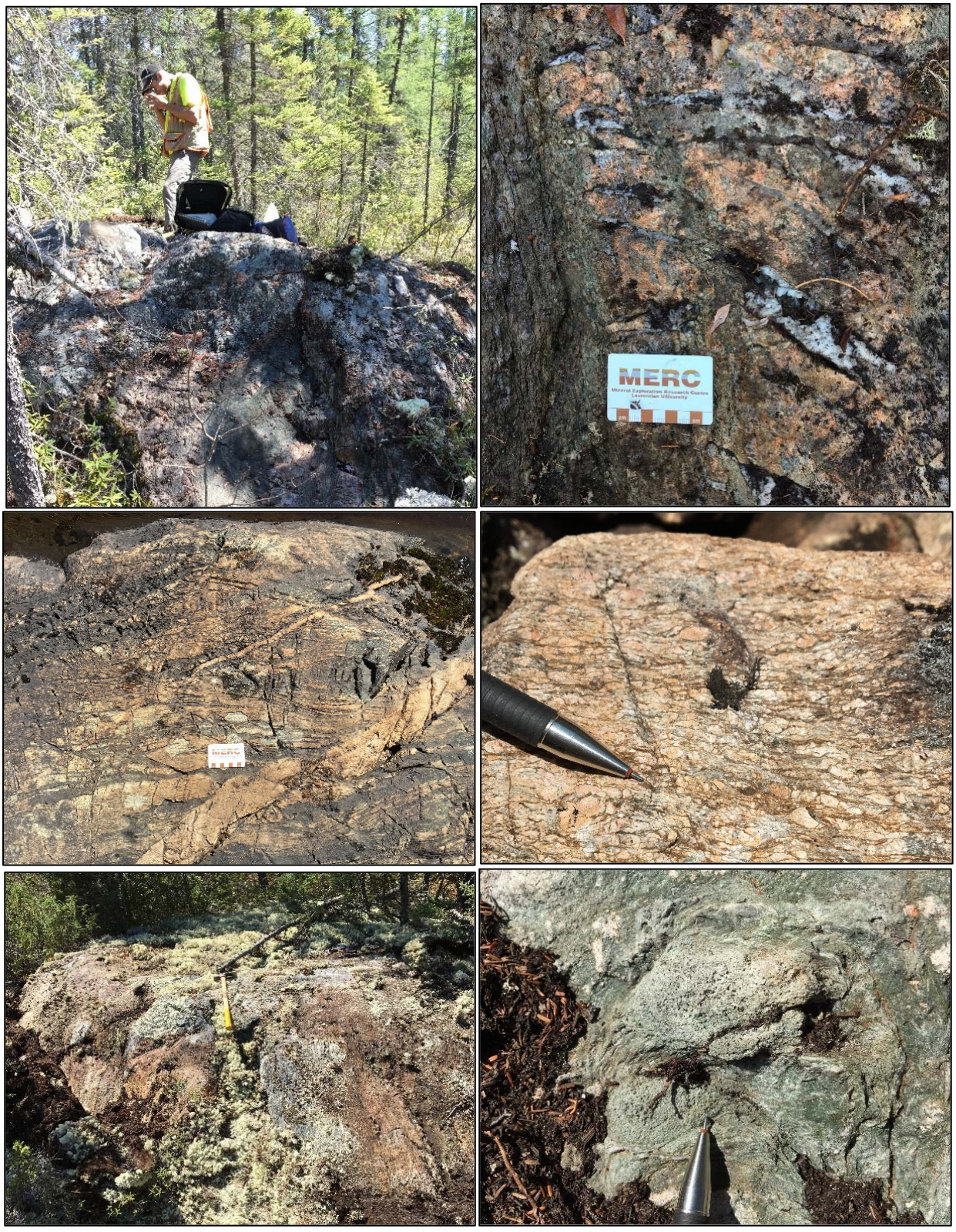

Figure 55: Large sheared and altered boulder of volcanic tuff (top left) showing quartz ladder veins within chlorite-carbonate altered shear (top right); finely laminated felsic tuff/lapilli-tuff with syn-volcanic dykes (centre left); sheared k-spar porphyritic monzodiorite boulder associated with the WSZ (centre right); large outcrop of moderately sheared int-felsic lapilli-tuff at northern extent of traverse (bottom left) with locally preserved pumice clasts in felsic lapilli-tuff (bottom right).

5.2.2.3 Traverse 20180609RW

Mapping followed a southeast traverse line intending to crosscut the eastern limb of the property (**Fig. 56**). A single outcrop of non-magnetic homogeneous phaneritic gabbro (**Fig. 57**) was encountered at the drop off point roughly half-way between the western and eastern limbs. No outcrop was then encountered until well within the eastern limb, where higher ground on the edge of a small creek exposed numerous interlayered outcrops of crudely layered to megacrystic gabbro-melagabbro, massive to flow-brecciated basalt and minor ferrogabbro. Locally, crude modal layering in outcrop from ferrogabbro to anorthositic gabbro suggest stratigraphic tops to the southeast (**Fig. 57**).

Three gabbro grab samples (1304256-1304258) were collected for lithogeochemical characterization and reveal elevated Fe_2O_3 values (8.8-16.4%) but low MgO (2.5-6.1%), Ni (967-143ppm) and Cu (24-252ppm) values.

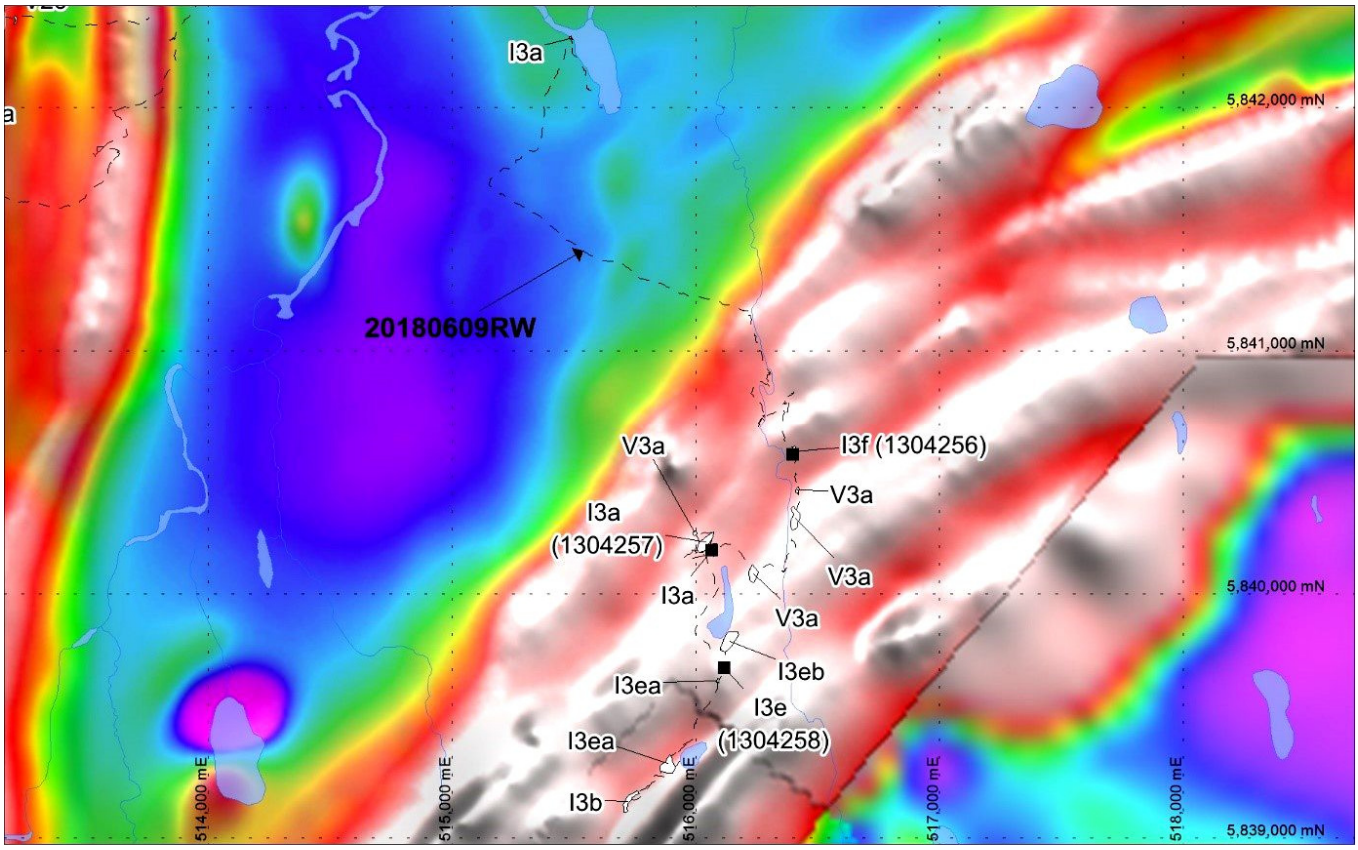

Figure 56: Outline of traverse 20180609RW with labelled outcrops and grab samples (black squares) and TMI airborne magnetics as base.

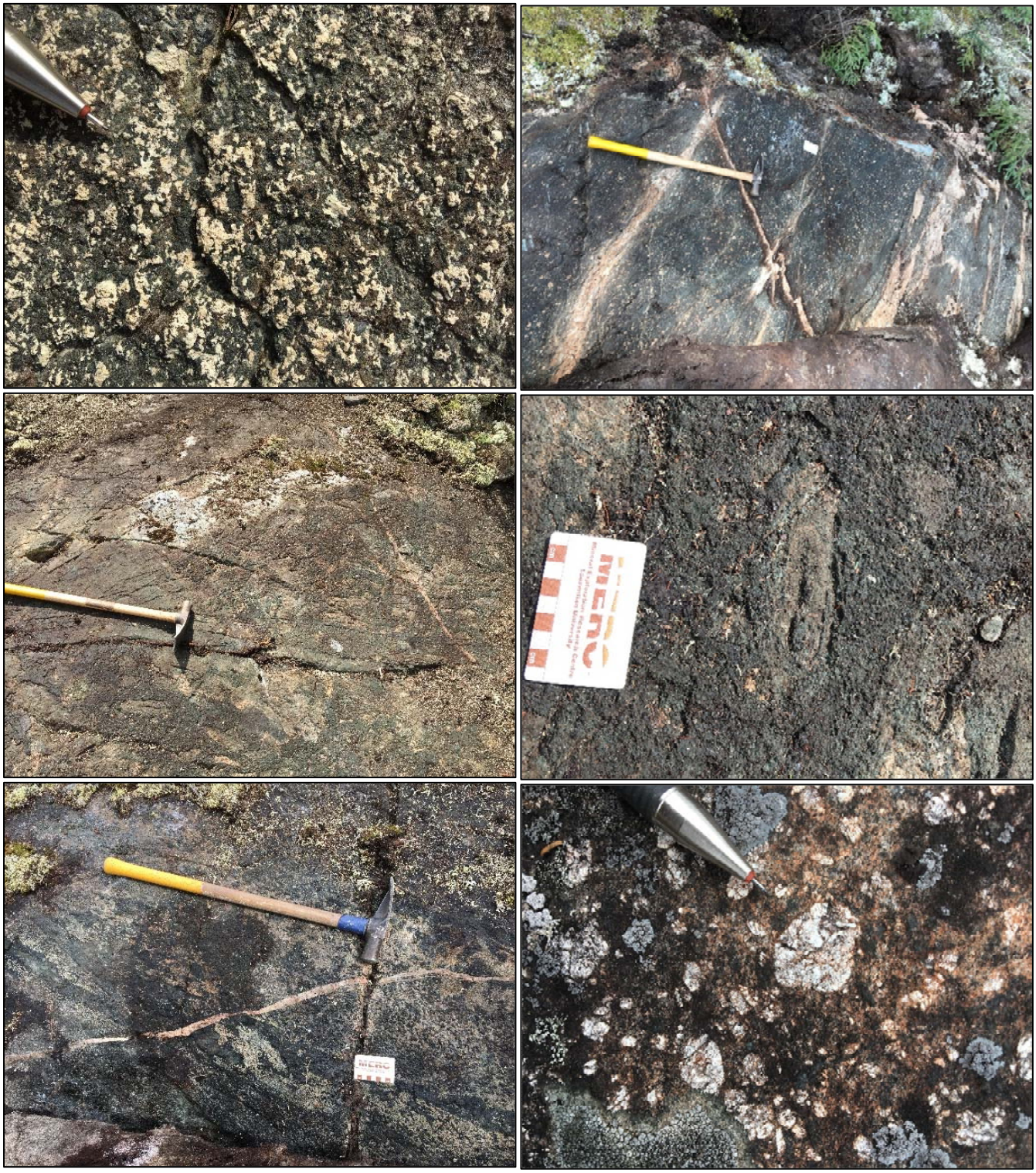

Figure 57: Non-magnetic homogeneous gabbro located in magnetic low in centre of property (top left); crudely layered porphyritic melagabbro in eastern limb (top right); basalt breccias showing recessed fragments on weathered surface (centre left and right); crude modal layering from ferrogabbro to anorthositic gabbro suggesting stratigraphic tops to the southeast (up) with hammer pointing north (bottom left); feldspar megacrystic gabbro (bottom right).

5.2.2.4 Traverse 20180610RW

Mapping followed a southwest traverse line intending to track the various lithologies of the western limb and its footwall, as well as investigate the magnetic low immediately south of the fold nose in the centre of the property (**Fig. 58**). In the north, abundant outcrops of light grey, fine-grained and granular, weak-moderately magnetic metamorphosed felsic siltstone/sandstone (S1b, S1c) were encountered. This unit is quite massive and typically shows no obvious bedding features (**Fig. 59**) and is believed to be the lowermost unit of the felsic tuff/sandstone encountered further north within the stratigraphy hosting the Butler 4 occurrence.

South of here, along the eastern side of the river is a continuous ridge exposing variably magnetic, crudely layered gabbro, melagabbro and anorthositic gabbro, with lesser ferrogabbro and pyroxenite units. Numerous internal contacts were mapped showing a north-northeasterly strike and steep dip varying from west to east.

Southeast of the main ridge and off the magnetic high are exposed numerous flat outcrops of coarsely bedded felsic siltstone/sandstone with lesser intermediate/mafic variants. Bedding consistently strikes southwest with steep westerly dips. Continuing east, large outcrops of medium-coarse grained weakly magnetic granodiorite are exposed often with mafic xenoliths. Contacts between this unit and the felsic sandstone were observed trending southwest with a steep westerly dip.

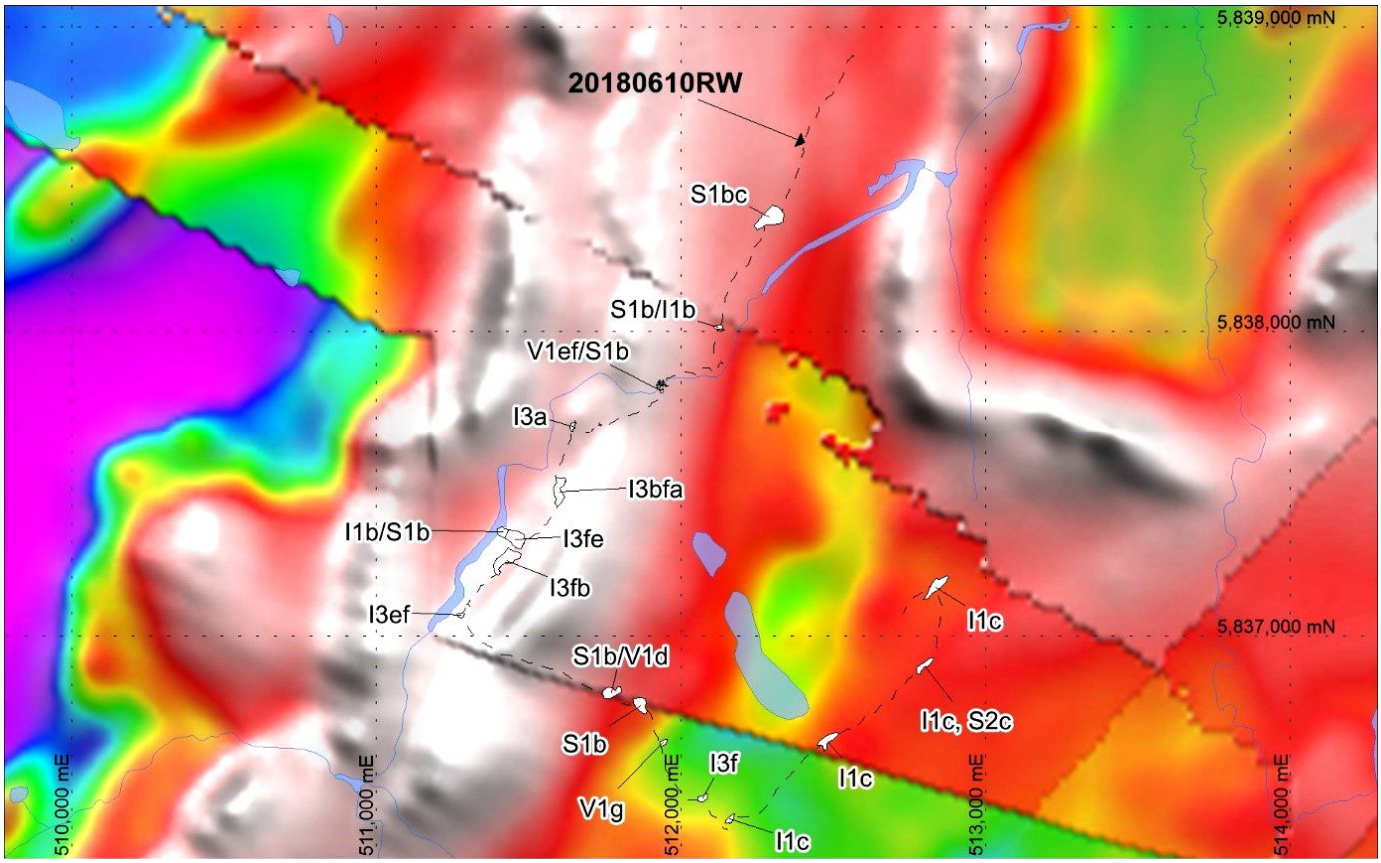

Figure 58: Outline of traverse 20180610RW with labelled outcrops and TMI airborne magnetics as base.

Figure 59: Fine-grained granular massive felsic sandstone (top left); gabbro ridge (top right) locally displaying modal layering of dark green pyroxenite and light grey anorthosite (centre left and right) and dark green ferrogabbro with magnetite clots (centre right); well bedded felsic sandstone (bottom left); medium to coarse-grained granodiorite (bottom right)

5.2.2.5 Traverse 20180611RW

Mapping continued along the north-south magnetic high investigated on the first day (**Fig. 60**). As observed on traverse 20180607RW, the bulk of the outcrops exposed strongly altered intermediate to felsic lapilli-tuff, with pervasive medium-grained anthophyllite (after chlorite) and patchy pink garnet (**Fig. 61**). Rounded lapilli of quartz-amygdular dacite comprise 5-10% of fragments and indicate a fairly shallow water depositional setting. No outcrop was exposed 500m to the east on a parallel magnetic high.

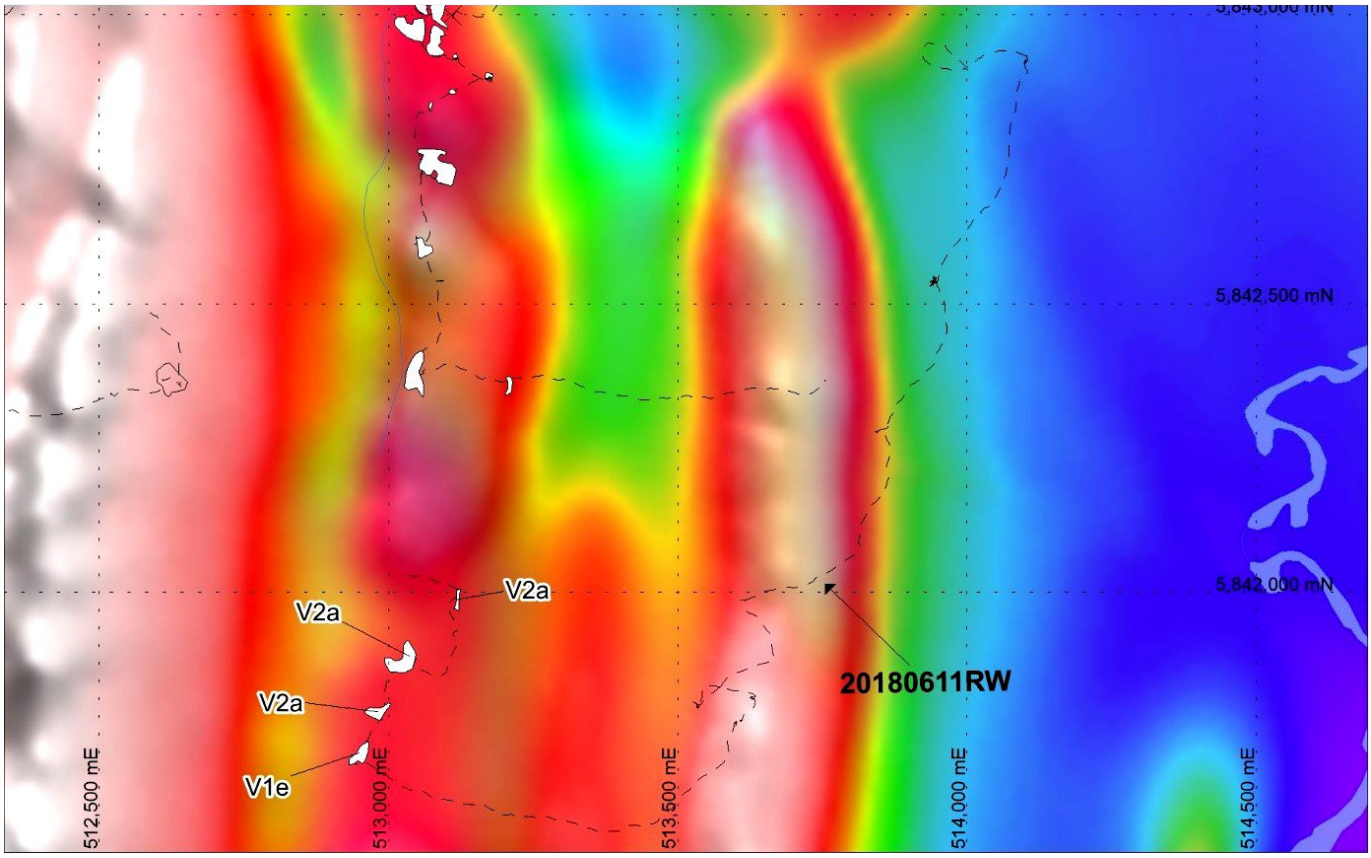

Figure 60: Outline of traverse 20180611RW with labelled outcrops and TMI airborne magnetics as base.

Figure 61: Intense garnet-anthophyllite alteration in felsic-intermediate lapilli-tuff (top left); well preserved felsic-intermediate lapilli-stone with recessed matrix (top right); medium-grained anthophyllite altered intermediate flow (centre left); (centre right); quartz-amygdular dacite fragments (bottom left and right).

5.2.2.6 Traverse 20180607MD

Mapping intended to investigate footwall lithologies of the western limb across two north-south trending magnetic highs (**Fig. 62**). Several large exposures of crudely layered medium-grained gabbro, melagabbro, anorthositic gabbro and ferrogabbro were encountered within the magnetic highs, with non-magnetic leucogabbro to diorite in the far west of the area (**Fig. 63**).

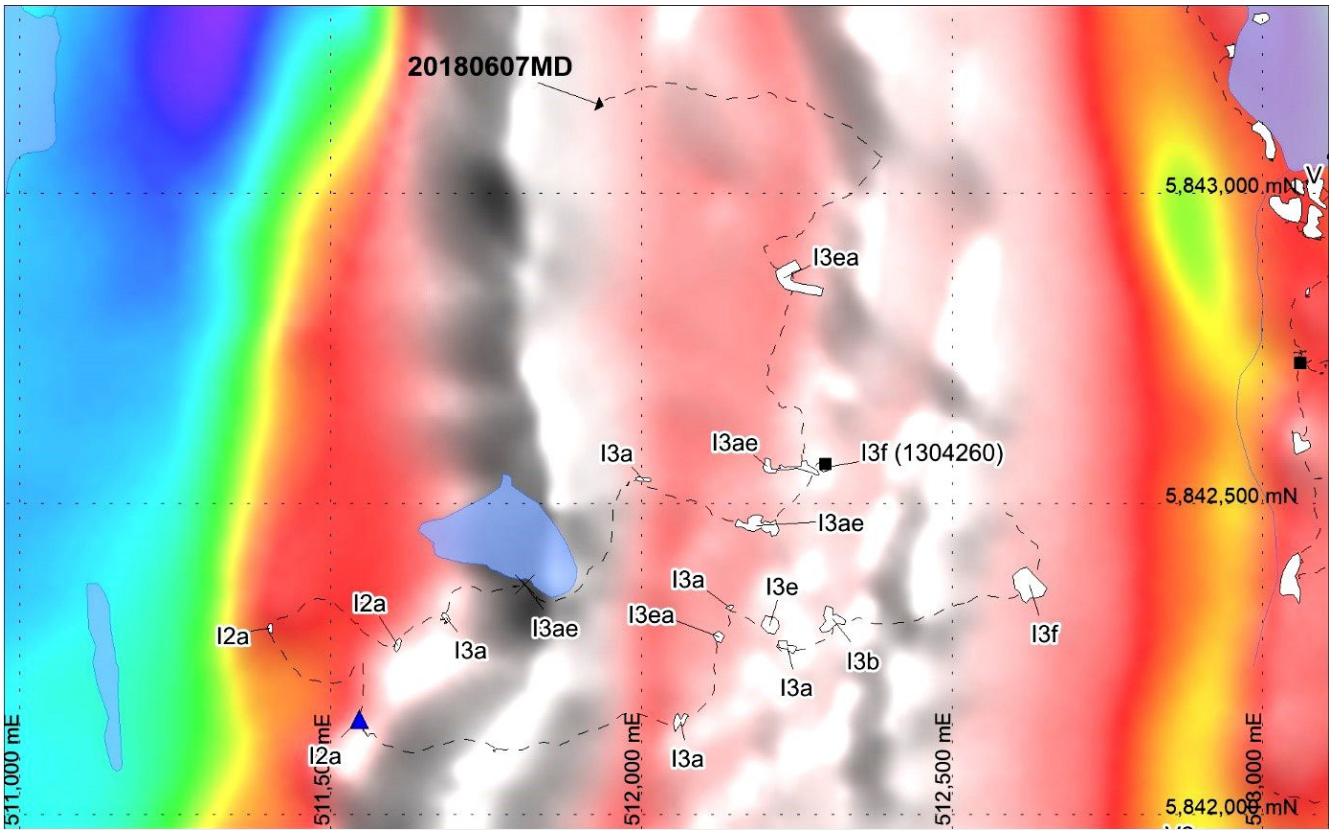

Figure 62: Outline of traverse 20180607MD with labelled outcrops and TMI airborne magnetics as base.

Figure 63: Medium-grained massive non-magnetic gabbro (left); medium-grained massive melagabbro (right).

5.2.2.7 Traverse 20180608MD

Mapping intended to investigate footwall lithologies in the hinge zone of the western fold and deep within the footwall to the Butler 3 occurrence (**Fig. 64**). In the south within the magnetic high is a very well exposed area of crudely layered gabbro, melagabbro and ferrogabbro. Outcrop stripping in this area by previous operators expose several relationships including syn-intrusive cross-cutting mafic dykes, modal layering and disrupted magmatic layers (**Fig. 65**).

Further north, in an area of magnetic low are abundant exposures of weakly foliated non-magnetic gabbro. Between this presumably late gabbro phase and the magnetic gabbro-ferrogabbro suite to the south is an enclave of migmatite (**Fig. 65**) and granodiorite which likely represents the older meso-Archean basement into which the Butler gabbro-ferrogabbro suite intruded, and onto which the Butler volcanic suite was deposited.

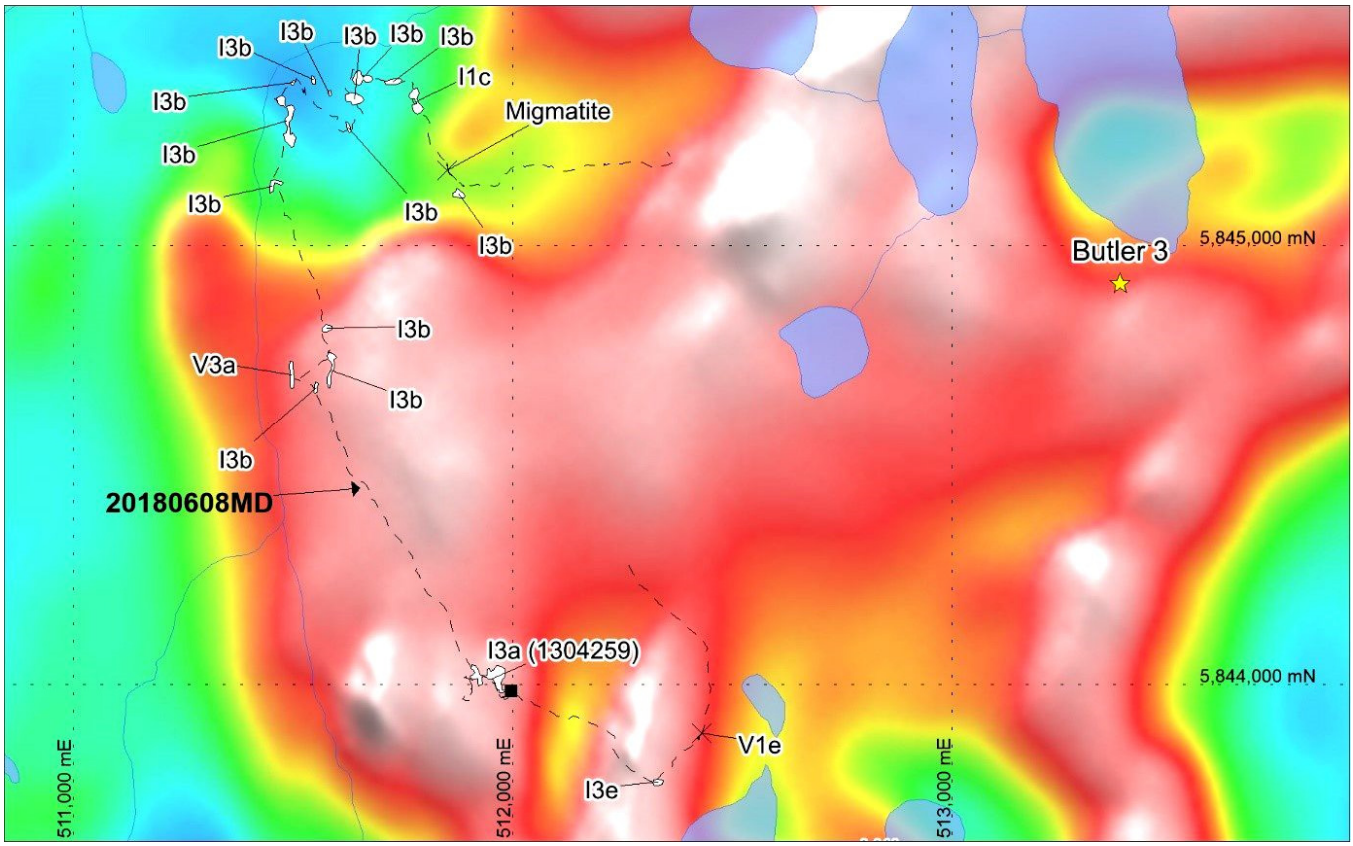

Figure 64: Outline of traverse 20180608MD with labelled outcrops and TMI airborne magnetics as base.

Figure 65: dm-scale modal layering between pyroxenite and anorthosite (top left); layered gabbro cut by pyroxenite dyke (top right); crude rhythmic layering in gabbro (centre left); disrupted anorthosite layers (centre right); melagabbro dyke cutting fine-grained gabbro (bottom left); meso-Archean migmatite basement rocks in footwall to fold hinge (bottom right).

5.2.2.8 Traverse 20180609MD

Mapping intended to investigate the southeast magnetic arm which continues south of the east limb (**Fig. 66**). Very little bedrock is exposed in the area, most stations observed only large boulders. A few small outcrops in the south revealed small flat outcrops of magnetic siltstone/sandstone with trace pyrite. This correlates well with drilled geology further to the southeast.

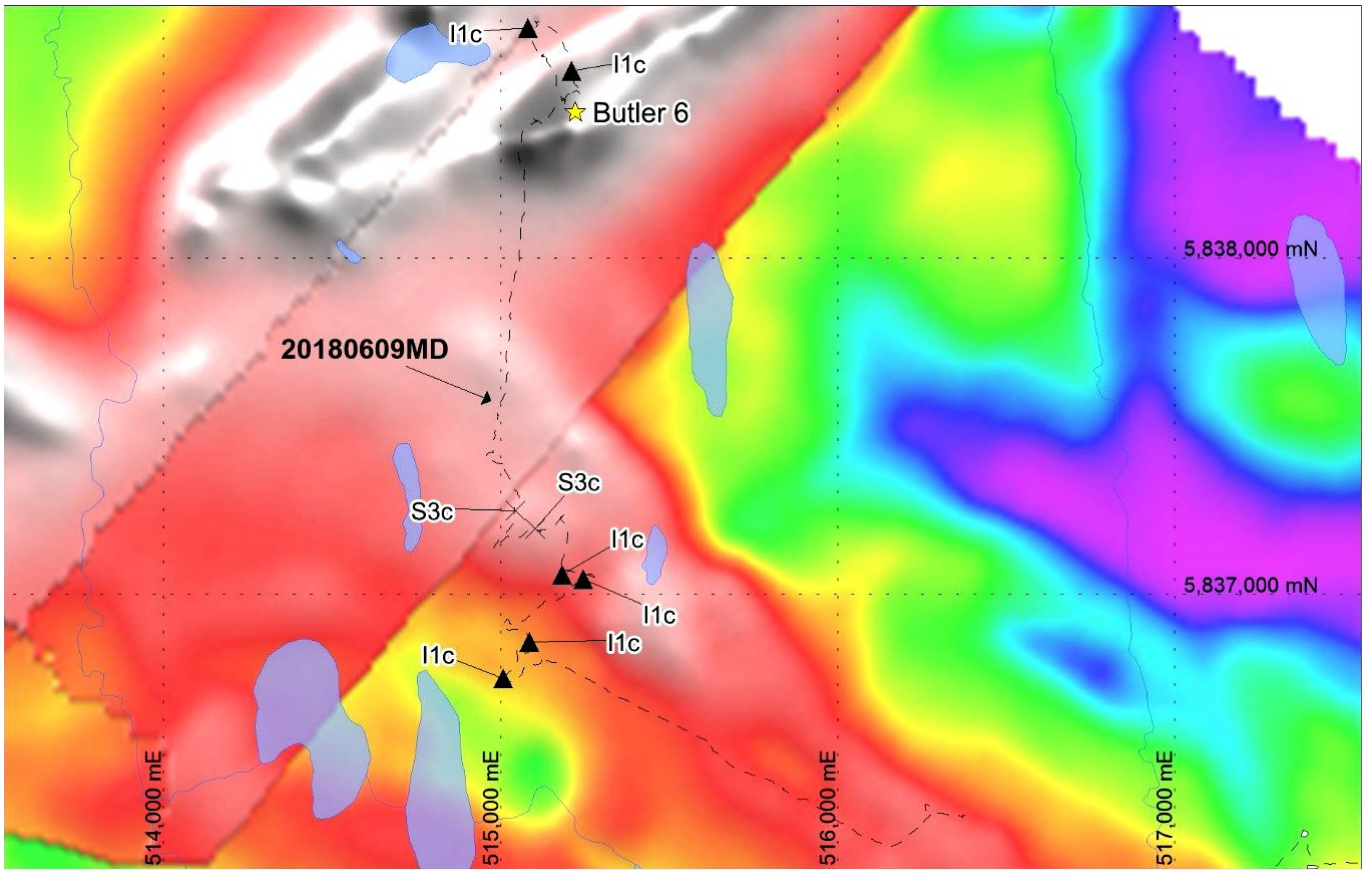

Figure 66: Outline of traverse 20180609MD with labelled outcrops and TMI airborne magnetics as base.

5.2.2.9 Traverse 20180610MD

Mapping intended to investigate the southwest continuation of the magnetic high in the footwall of the west limb (**Fig. 67**). No outcrop was exposed until the eastern margin of the magnetic high where several exposures of massive to thinly bedded variably magnetic volcanic siltstone/sandstone and lesser quartzite were encountered, locally as xenoliths within diorite.

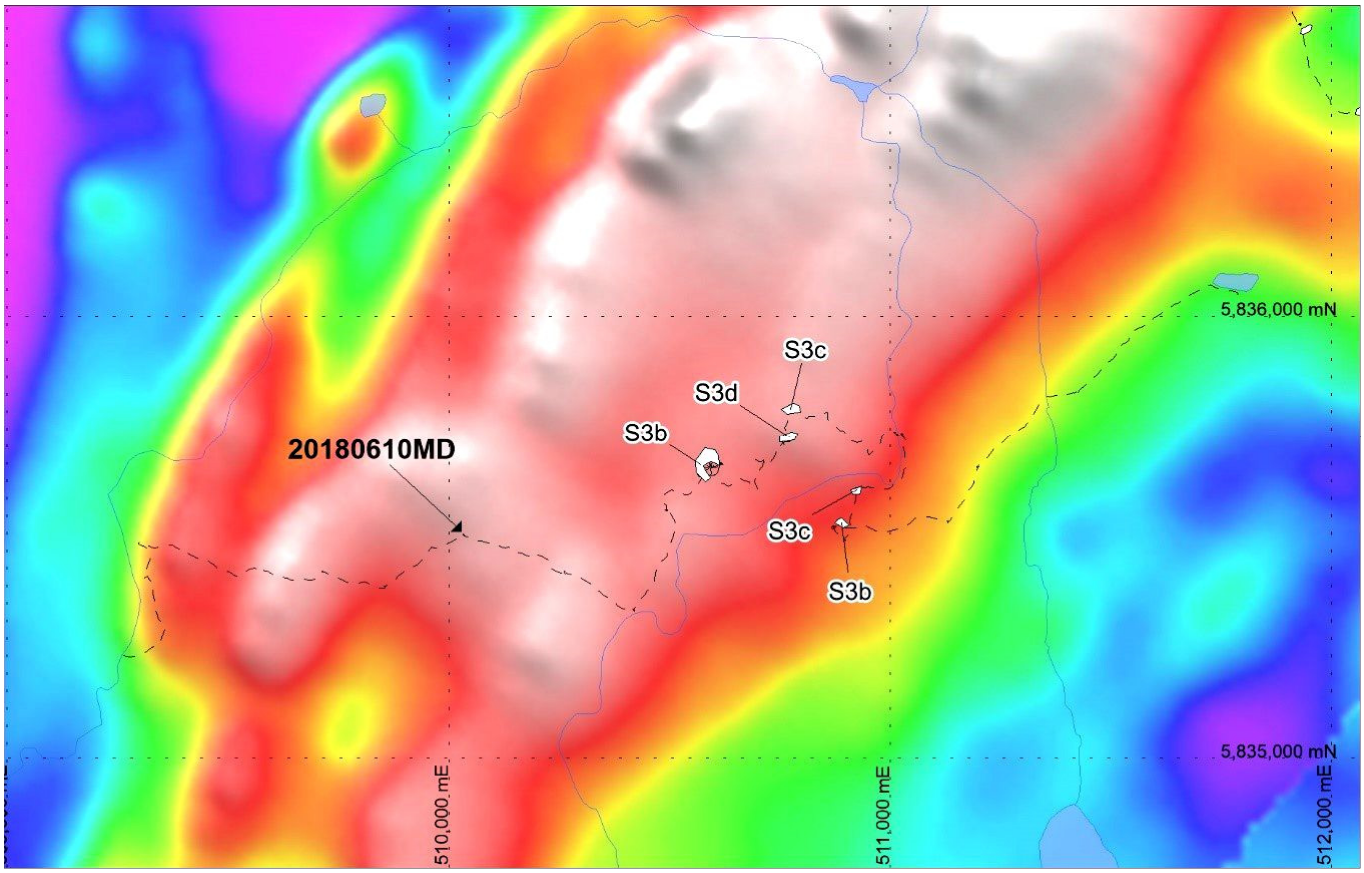

Figure 67: Outline of traverse 20180610MD with labelled outcrops and TMI airborne magnetics as base.

Figure 68: Sericite altered felsic siltstone (top left); pink garnet associated with chlorite altered mafic siltstone (top right, centre left); strongly foliated felsic tuff/siltstone (centre right); thinly bedded felsic siltstone/sandstone (bottom left and right).

5.2.2.10 Traverse 20180611MD

Mapping intended to investigate the intrusive unit to the north of the southeast magnetic arm (**Fig. 69**) that was previously examined with traverse 20180609MD. Several small exposures of magnetic mafic siltstone were encountered at the edge of the magnetic high prior to encountering several large exposures of medium-grained non-magnetic massive granodiorite to the northeast. This granodiorite unit is interpreted to be the same age as the granodiorite encountered on traverse 20180610RW further to the west and likely intruded the sequence during later deformation of the Butler assemblage.

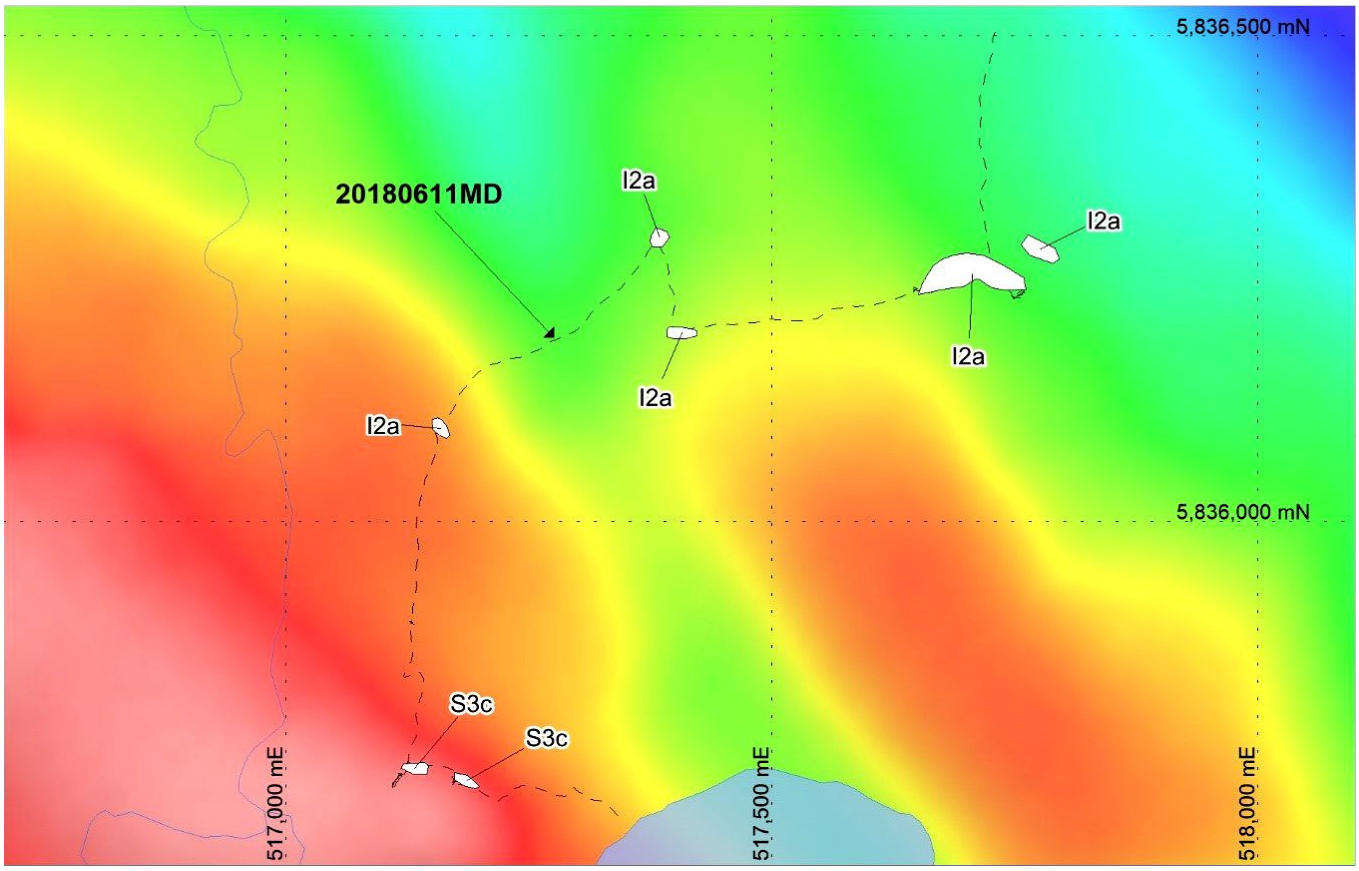

Figure 69: Outline of traverse 20180611MD with labelled outcrops and TMI airborne magnetics as base.

5.3 Interpretations

The Butler property displays considerable lateral continuity to stratigraphic units. This is most apparent in the airborne magnetic data and is supported by laterally continuous EM conductors, and in the mapped exposure and structural measurements of key geologic units along strike. Based on these various datasets, a robust geological understanding of key stratigraphic units can be made. Detailed review of historic drill core allows for more detailed analysis of the facies variations along strike of the key VMS horizons. Vent proximal felsic volcanics appear to be restricted to the Butler 3 area (hinge) and possibly Butler 1 area. The areas extending out from these display a transition to more distal lower energy environments as witnessed with the fining of coarse felsic tuffaceous units in the vicinity of Butler 3 towards fine epiclastic quartz-rich siltstones and sandstones further to south on the western limb. Similarly, progressing up stratigraphy there is a macro fining upward progression.

In VMS settings, vent proximal areas are typically most prospective for mineralization due to proximity to felsic dome structures which typically map out 1st order syn-volcanic faults which provide pathways for hydrothermal

fluids. Secondary to this, areas where there appear to be obvious disruption of the stratigraphy are of interest for fluid flow pathways as these may reflect basin growth faults (e.g. Butler 3 south offset of upper magnetic rock). Similarly, stratigraphic patterns that change should be examined in more detail (e.g. airborne conductor axes switching from above/below magnetic stratigraphy at Butler 1 and south of Butler 4).

The lower mafic stratigraphy in the Butler area does not appear as prospective for Cu-Zn mineralization as the upper felsic-intermediate stratigraphy, where VMS sulfides are intimately associated with strongly altered (anthophyllite-garnet) and laterally continuous dacite-andesite tuffs and flows. However, if the emplacement age of the lower gabbro suite is roughly equivalent to the depositional age of the upper volcanic suite, it would have provided ample heat in the upper crust to drive hydrothermal fluid circulation and convection resulting in the Butler VMS mineralization.

Finally, the lower mafic stratigraphy of the western limb shares many characteristics with the eastern limb and may be correlative, although the tectonic and structural configuration required to correlate these units is not currently understood.

6. Conclusions & Recommendations

From May 23, 2018 to August 8, 2018, completed their 2018 Phase 2 exploration program on the Butler property in the Ring of Fire. This program consisted of drill core relogging and geological outcrop mapping with associated geochemical analyses and assaying and covered portions of 126 claims. Noront acquired a 75% interest in these two properties from MacDonald Mines in 2016, and MacDonald sold their 25% interest to Juno Corporation in early 2020. Noront is the controlling owner of the property and the sole operator of the project.

The Butler property lies along the south-western edge of the arcuate McFaulds Lake Greenstone Belt in the ca. 2828 Ma Butler Assemblage, which contains the oldest known units in the ROF. The property contains four significant Cu-Zn VMS discoveries (Butler 1 through 4) as well as low-grade Ni-sulfide bearing zones within mafic-ultramafic sills (Butler 5), and a Ti-V-rich ilmenite-magnetite bearing gabbro (Butler 6).

Drill core review on the Butler property has focused on the western and northern limbs of the Butler fold with lesser review of holes through the southeast arm. While a cursory review of key holes in the eastern limb was performed during this program, no detailed review work was carried out. Mapping in the eastern limb investigated abundant outcrops of dominantly mafic volcanic and intrusive lithologies with some suggestion of fold repetition of units. Further core review and mapping in the eastern limb is warranted to better understand i) the stratigraphy of units hosting Ni-Cu-PGE, Cr and V-Ti occurrences, ii) the VMS potential of felsic volcanic units inferred by others in the eastern limb, iii) the possible presence of isoclinal folds and the significance of this with respect to repetition of favorable units for Ni-Cu-PGE and/or VMS mineralization, and iv) the possible correlation of the eastern limb with the basal sequences of the western limb.

Respectfully submitted:

Matt Downey, M.Sc., PGO, May 2020

7. References

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Certificate

I, Matt Downey, M.Sc., P. Geo., of 34 Glen Dhu Drive, Whitby, Ontario, do hereby certify that:

1. I am a geologist in the province of Ontario with 14 years of experience in the mineral exploration industry. I have an Hon. B.Sc. from the University of Toronto, Toronto, Ontario (2002) and an M.Sc. from the University of Waterloo, Waterloo, Ontario (2005).
2. I have worked in the Ring of Fire as a geologist and lands & data manager since September 2008.
3. I have studied the projects thoroughly and have visited the project areas a number of times since 2009.
4. I obtained my P. Geo status within the province of Ontario (APGO) in March, 2011.
5. I am responsible for the preparation of this report, except as provided for or disclaimed in the report, based on the sources and documents described in the report.
6. As of the date of this report, I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report, the omission to disclose which makes this report misleading.
7. I am the Manager, Lands & Data for Noront Resources Ltd. and handle land and data management, map and geological report preparation, and aid in Noront's exploration projects.
8. I hereby give my consent to Noront Resources to use this report in support of their application for assessment credit on the subject property.

Matt Downey, M.Sc., P. Geo., May 2020
Toronto, Ontario

Appendix 1

Butler Program
Claim List

APPENDIX 1 - Claim List - Butler Project

#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
1	Butler	107752	43D10K131	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
2	Butler	107771	43D10K330	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
3	Butler	108442	43D10K138	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
4	Butler	108443	43D10K218	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
5	Butler	108703	43D10K009	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
6	Butler	108704	43D10K049	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
7	Butler	110778	43D10K270	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
8	Butler	110779	43D10K331	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
9	Butler	111250	43D10K094	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
10	Butler	112380	43D15C372	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
11	Butler	113283	43D10K250	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
12	Butler	114254	43D15C377	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
13	Butler	114515	43D10K169	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
14	Butler	114733	43D10K257	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
15	Butler	124184	43D10J341	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping
16	Butler	124185	43D10J361	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping, Core Relogging
17	Butler	127891	43D10K018	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
18	Butler	133519	43D10K097	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
19	Butler	136186	43D10K092	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
20	Butler	136187	43D10K091	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
21	Butler	136188	43D10K111	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
22	Butler	136622	43D10K228	Standard	Noront 75% - Juno Corp. 25%	20210219	BMA 526 864	Core Relogging
23	Butler	137043	43D10K308	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
24	Butler	137583	43D10G027	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
25	Butler	147049	43D10K385	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
26	Butler	148127	43D10K383	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
27	Butler	149221	43D10K074	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
28	Butler	149904	43D10K171	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Core Relogging
29	Butler	150337	43D10K072	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
30	Butler	151573	43D10K296	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
31	Butler	154508	43D15C338	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
32	Butler	164152	43D10K238	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
33	Butler	165878	43D10K384	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
34	Butler	165879	43D10F003	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Core Relogging
35	Butler	166502	43D10K137	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
36	Butler	175041	43D10K358	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
37	Butler	178870	43D15C391	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
38	Butler	181377	43D10K072	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
39	Butler	181392	43D10K089	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
40	Butler	181393	43D10K088	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
41	Butler	181394	43D10K112	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
42	Butler	181402	43D10J362	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping
43	Butler	185500	43D10K136	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
44	Butler	186305	43D10K012	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Core Relogging
45	Butler	188171	43D10K359	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
46	Butler	193626	43D10K179	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
47	Butler	193627	43D10K199	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
48	Butler	194557	43D10K357	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
49	Butler	197856	43D10K113	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
50	Butler	200874	43D10K329	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
51	Butler	202364	43D10K311	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
52	Butler	205318	43D10K133	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
53	Butler	205421	43D10K317	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping, Core Relogging
54	Butler	205798	43D10K071	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
55	Butler	207153	43D15C368	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
56	Butler	209245	43D10K211	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
57	Butler	211985	43D10K218	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping, Core Relogging
58	Butler	212633	43D10K277	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Core Relogging
59	Butler	215897	43D10K088	Boundary	Noront 75% - Juno Corp. 25%	20210219	BMA 526 864	Geological Mapping
60	Butler	217392	43D10K349	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
61	Butler	232721	43D15C379	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping

APPENDIX 1 - Claim List - Butler Project

#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
62	Butler	233291	43D10K117	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
63	Butler	235961	43D10K070	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
64	Butler	235962	43D10K109	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
65	Butler	236821	43D10K090	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
66	Butler	239808	43D15C370	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
67	Butler	239809	43D15C369	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
68	Butler	241817	43D10K386	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
69	Butler	242264	43D10K137	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
70	Butler	244098	43D15B383	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 863	Core Relogging
71	Butler	245561	43D10K008	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
72	Butler	245562	43D10K029	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
73	Butler	248074	43D10K019	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
74	Butler	249254	43D15C376	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
75	Butler	249802	43D10K337	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
76	Butler	250275	43D10K158	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
77	Butler	250278	43D10K198	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
78	Butler	253631	43D15C392	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
79	Butler	253632	43D15C388	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
80	Butler	256844	43D10G026	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
81	Butler	257010	43D10K288	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
82	Butler	257011	43D10K310	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
83	Butler	257895	43D10K289	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
84	Butler	260628	43D10K276	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping, Core Relogging
85	Butler	261863	43D10K327	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
86	Butler	261864	43D10K366	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
87	Butler	264590	43D10K093	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
88	Butler	265131	43D10K052	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
89	Butler	265132	43D10K051	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
90	Butler	271320	43D10K073	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
91	Butler	275212	43D10K231	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
92	Butler	277971	43D10K256	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping, Core Relogging
93	Butler	282801	43D10K010	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
94	Butler	287195	43D15C399	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
95	Butler	290138	43D10K031	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
96	Butler	292029	43D10K069	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
97	Butler	292030	43D10K132	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
98	Butler	292055	43D10K328	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
99	Butler	295329	43D10K038	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
100	Butler	297418	43D10K159	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
101	Butler	298666	43D10K382	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
102	Butler	301697	43D10K032	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping, Core Relogging
103	Butler	301698	43D10K050	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
104	Butler	304156	43D10K071	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
105	Butler	304178	43D10K350	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
106	Butler	306569	43D10K191	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
107	Butler	310954	43D10K368	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
108	Butler	315235	43D10K307	Standard	Noront 75% - Juno Corp. 25%	20201227	BMA 526 864	Geological Mapping
109	Butler	315754	43D10K336	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
110	Butler	318612	43D10K172	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Core Relogging
111	Butler	325199	43D15C339	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
112	Butler	326609	43D10K171	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
113	Butler	328543	43D15B382	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 863	Core Relogging
114	Butler	328544	43D15C400	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
115	Butler	328570	43D10K367	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
116	Butler	329403	43D15C359	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
117	Butler	331397	43D10K316	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
118	Butler	331851	43D10K219	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
119	Butler	340278	43D10K116	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
120	Butler	340490	43D15C390	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
121	Butler	340491	43D10K030	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
122	Butler	340492	43D10K070	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping

APPENDIX 1 - Claim List - Butler Project

#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
123	Butler	342917	43D10K108	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
124	Butler	342941	43D10J381	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
125	Butler	343867	43D10K269	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
126	Butler	345255	43D15C393	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging

Appendix 2

Butler Program
Drill Core Relogging Data

Master collar table
Master sample list
Master plan maps
Target plan maps
Drill logs
Cross-sections
Actlabs assay certificate A18-07456 (MN06-27)

Butler Program - Drill Core Relogging Collar Table

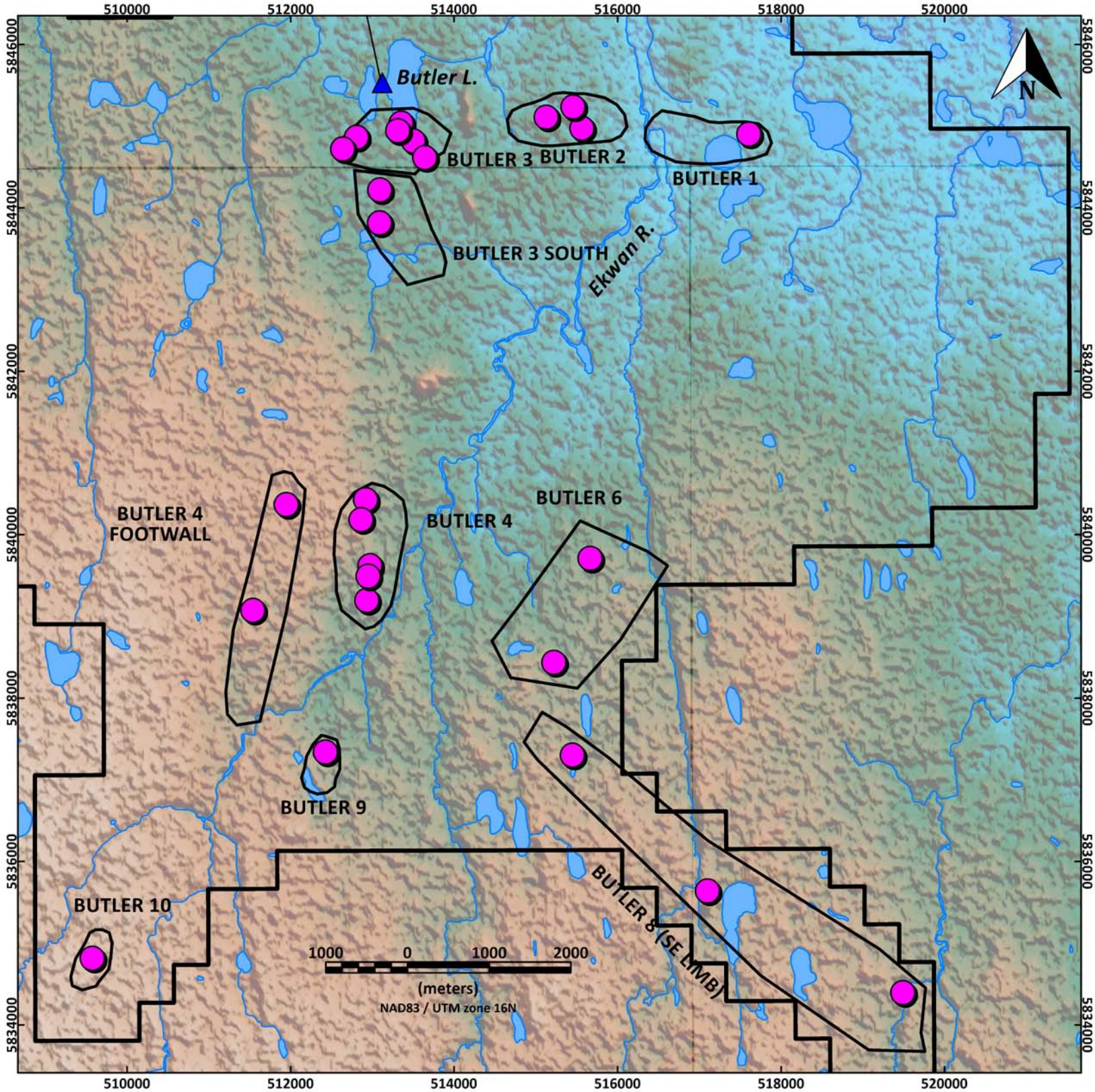
Target	Hole_ID	Easting	Northing	Elevation	Azimuth	Dip	EOH (m)	Relogged	Original Logger (MacDonald)	Original Drill Contractor	Core Size
Butler 1	MN10-118	517605.9	5844903.0	190.1	140	-45	307.85	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 2	MN10-115	515127.0	5845110.0	186.9	190	-45	185.93	R. Weston & G. Heggie, May 23-30, 2018	Paul Gann	Cartwright	NQ
Butler 2	MN10-88	515563.3	5844975.2	189.1	353	-55	182.88	R. Weston & G. Heggie, May 23-30, 2018	James Masters	Cartwright	BQTW
Butler 2	MN10-97	515455.0	5845235.0	186.3	7	-45	114.7	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	BQTW
Butler 3	BP11-CU03	513353.0	5845037.0	187.0	165.8	-57.94	339	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 3	BP12-CU12	513501.0	5844818.0	187.0	285	-50	194	R. Weston & G. Heggie, May 23-30, 2018	Craig Hunt	Cyr	NQ
Butler 3	BP13-CU20	513641.0	5844616.0	201.0	300	-60	395	R. Weston & G. Heggie, May 23-30, 2018	Craig Hunt	Cyr	NQ
Butler 3	MN10-138	513310.7	5844944.0	191.8	135	-60	347.47	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 3 Footwall	BP12-CU08	512806.0	5844864.0	185.0	73.4	-62.2	500.84	R. Weston & G. Heggie, May 23-30, 2018	Craig Hunt	Cyr	NQ
Butler 3 Footwall	BP12-CU09	512637.0	5844721.0	185.0	283	-63	409.5	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cyr	NQ
Butler 3 South	MN08-84	513088.0	5843816.0	188.7	52.5	-50	149.35	R. Weston & G. Heggie, May 23-30, 2018	Yash Shelat	Cartwright	BQTW
Butler 3 South	MN10-136	513091.1	5844219.8	191.8	90	-60	192.02	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 4	BP13-CU21	512917.0	5840429.0	197.0	100	-55	341	R. Weston & G. Heggie, May 23-30, 2018	Kevin McKinney	Cyr	NQ
Butler 4	MN06-27	512970.0	5839620.0	193.1	270	-45	213.38	R. Weston & G. Heggie, May 23-30, 2018	Chris Roney	Cartwright	BQTW
Butler 4	MN08-59	512932.0	5839196.0	192.8	105	-45	184.44	R. Weston & G. Heggie, May 23-30, 2018	Kevin McKinney	Cartwright	BQTW
Butler 4	MN08-69	512948.0	5839492.0	191.8	285	-45	225.55	R. Weston & G. Heggie, May 23-30, 2018	Kevin McKinney	Cartwright	BQTW
Butler 4	MN10-121	512861.5	5840184.2	199.6	90	-45	150.88	R. Weston & G. Heggie, May 23-30, 2018	Paul Gann	Cartwright	NQ
Butler 4 Footwall	MN08-60	511538.0	5839074.0	196.9	105	-45	155.45	R. Weston & G. Heggie, May 23-30, 2018	Kevin McKinney	Cartwright	BQTW
Butler 4 Footwall	MN10-117	511946.3	5840368.5	201.6	97	-75	228.6	R. Weston & G. Heggie, May 23-30, 2018	Paul Gann	Cartwright	NQ
Butler 6	BP11-V05	515664.0	5839710.0	189.8	132	-50	249	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 6	MN10-110	515220.2	5838437.4	195.5	300	-62	195.07	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
Butler 8 / SE Limb	MN08-75	517099.0	5835640.0	194.1	40	-45	198.12	R. Weston & G. Heggie, May 23-30, 2018	Aristea Doikas	Cartwright	BQTW
Butler 8 / SE Limb	MN08-76	515447.0	5837302.0	193.2	215	-45	112.78	R. Weston & G. Heggie, May 23-30, 2018	Aristea Doikas	Cartwright	BQTW
Butler 8 / SE Limb	MN08-82	519490.0	5834395.0	193.5	235	-50	179.83	R. Weston & G. Heggie, May 23-30, 2018	Yash Shelat	Cartwright	BQTW
Butler 9	MN08-79	512425.0	5837340.0	192.0	304	-55	139	R. Weston & G. Heggie, May 23-30, 2018	Yash Shelat	Cartwright	BQTW
Butler 10	BP11-CU02	509573.0	5834816.0	201.9	313.27	-48.77	54	R. Weston & G. Heggie, May 23-30, 2018	J. Masters	Cartwright	NQ
TOTALS:	**26 DDH**						**5946 m**				

Butler Re-Sampling and Re-Assaying, refer to A18-07456

Hole	Sample	Type	From	To	StdType	Check_Parent
MN06-27	113456	Check	192.64	193.64		136956
MN06-27	113457	Check	193.64	194.64		136957
MN06-27	113458	Check	194.64	195.14		136958
MN06-27	113459	Check	195.14	195.65		136958
MN06-27	113460	Standard			CDN-GS-5F	
MN06-27	113461	Check	195.65	196.15		136959
MN06-27	113462	Check	196.15	196.65		136959
MN06-27	113463	Check	196.65	197.15		136961
MN06-27	113464	Check	197.15	197.67		136961
MN06-27	113465	Check	197.67	198.67		136962
MN06-27	113466	Assay	198.67	199.67		
MN06-27	113467	Assay	199.67	200.67		
MN06-27	113468	Assay	200.67	201.67		
MN06-27	113469	Assay	201.67	202.9		
MN06-27	113470	Standard			Blank	
MN06-27	113471	Assay	202.9	203.9		
MN06-27	113472	Assay	203.9	204		
MN06-27	113473	Assay	204	205		

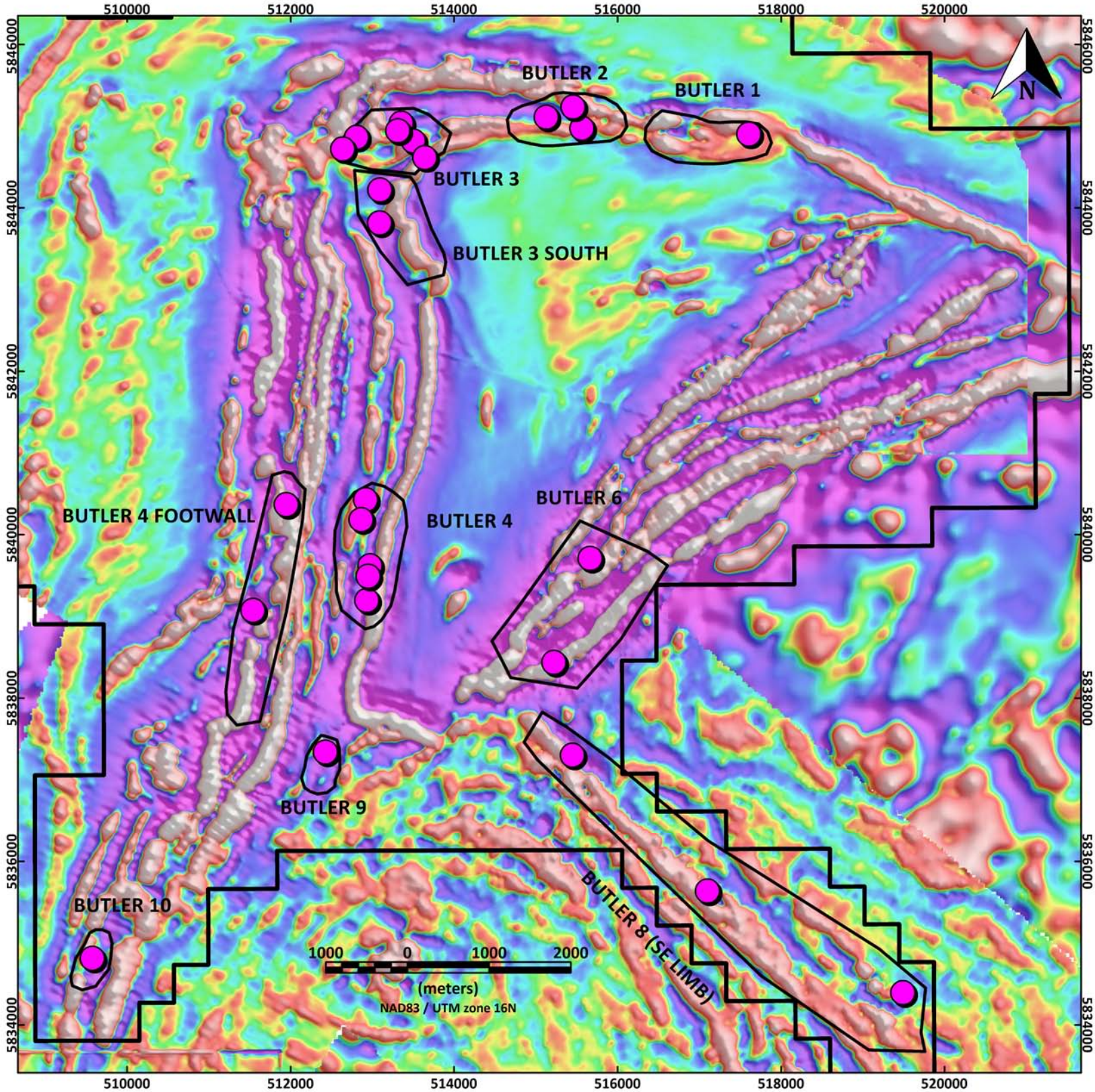
Butler Plan Map, Drill Holes Relogged 2018

Topography and Water



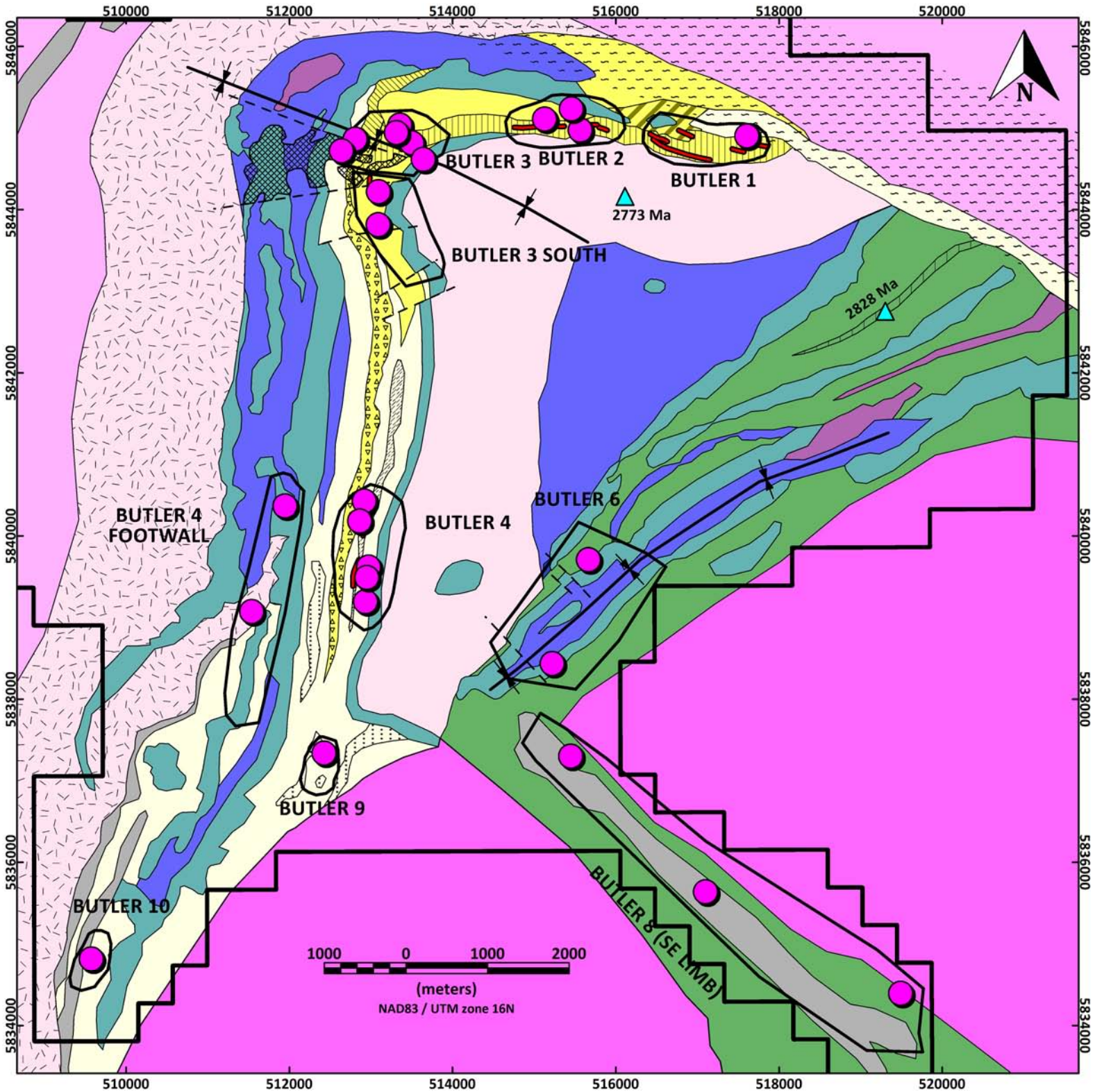
Butler Plan Map, Drill Holes Relogged 2018

First vertical derivative of airborne magnetics



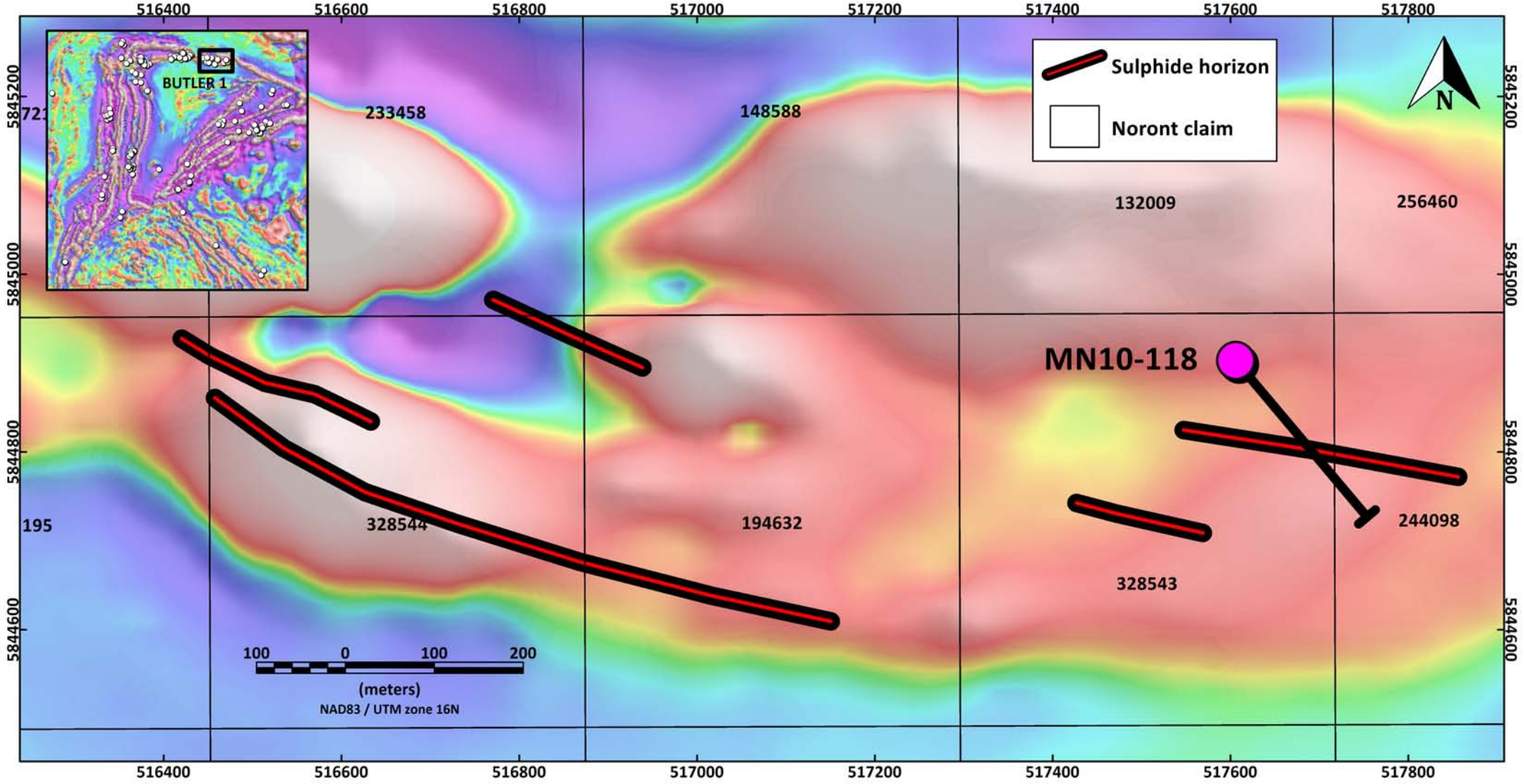
Butler Plan Map, Drill Holes Relogged 2018

Geology



- Late granodiorite
- Tonalite (2773 Ma)
- Tonalite to granodiorite
- TTG gneissic basement
- Disseminated magnetite exhalative horizon; encloses VMS sulphides
- Sediments (siltstone) with epiclastic felsic volcaniclastics; magnetic
- Sediments (siltstone, sandstone) with epiclastic felsic volcaniclastics; non-magnetic; interbedded felsic intrusives
- Felsic volcanics (flows, breccias, sub-volcanic sills; Fe-Mg altered and magnetic)
- Felsic volcanics (flows, tuffs; Fe-Mg altered and magnetic)
- Felsic-intermediate volcanics (lapilli, tuff, flow; Fe-Mg altered and magnetic)
- Felsic volcanics (flow, massive)
- Mixed felsic-intermediate volcanics
- Mafic volcanics with sulphide IF
- Mafic volcanics with minor felsic volcanics (2828 Ma)
- Iron formation (silicate, oxide, sulphide)
- Ferrogabbro
- Gabbro, leucogabbro
- Ultramafic (peridotite-dunite)
- Webequie Shear Zone
- Fault & Shear Zones
- Fold axial planes
- VMS Horizons
- Age date
- Collar of Relogged hole

Butler 1


516400
516600
516800
517000
517200
517400
517600
517800
5845200
5845000
5844800
5844600
BUTLER 1
721
233458
148588
132009
256460
195
328544
194632
328543
244098
MN10-118
Sulphide horizon
Noront claim
N
100
0
100
200
(meters)
NAD83 / UTM zone 16N

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-118**	Units: Metric

Cover Page

Project Name:	Butler Butler 1	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	517605.9 5844903 190.1	Collar Azimuth: Collar Dip: Final Depth (m):	140 -45 307.85	Mining Claim(s) / Provincial Cell Grid(s): Township:	244098 (43D15B383), 328543 (43D15B382) BMA 527 863
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 16.5	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 12-Jul-2010 13-Jul-2010

ReLog Notes	MN10-118 was drilled on the eastern end of the Butler 1 area where two conductive horizons merge into one with a broad regional magnetic high response. The hole was drilled to the southeast and drilled up stratigraphy. The hole collars into felsic volcanic flows at 16.5m that display massive basal portions to ~46m then transition into flow top breccia ending at ~59.5m. Weak to no alteration was present. An intermediate volcanic flow occurs from 59.5 to 87.3m. Unit appears massive and fine grained at the base grading down hole into spherulitic textured massive flow with possible flow top breccia for the last ~2-3m. Sharp contact is observed at the end of the unit with weak pervasive chlorite alteration. A mafic tuff to massive metasediment (possible intrusive?) occurs from 87.3m to 104m. Unit is massive, fine grained, homogenous in texture. Minor brittle calcite fractures occur. From 104 to 132m a fine grained massive felsic tuff with rare quartz phenocrysts is present. Unit contains possible lapilli. An intermediate volcaniclastic as a feldspar-crystal lapilli tuff (or intrusive) occurs from 132 to 161.45m. Interval has a very uniform texture with biotite surrounding the lapilli fragments. From 161.45m to 189.6m intermediate volcaniclastic grades down hole from fragmental to finely laminated tuffs. Pervasive biotite alteration occurs throughout with moderate chlorite alteration and trace stringer of sulfide. Possible feldspar crystal tuff layers are present. Mafic tuff characterized by fine grained and well laminated bedding occurs from 189.6m to 220m. Strong pervasive chlorite alteration with foliation parallel stringer sulfide begins to occur with increased magnetite abundance. Sulfides dominant pyrite and pyrrhotite with minor chalcopyrite. Massive sulfide occurs at 205.5 to 206.4m with stringer sulfide below and a second massive sulfide intersection ~30cm wide at 212m. Strong chlorite alteration continues to ~220m. Felsic to intermediate flow top breccia is observed from 220-261m. Numerous flow bands are observed at random orientations. Unit is chlorite altered and sulfidized with chlorite alteration decreasing down hole. Sulfide (mix of pyrite and chalcopyrite and rare veinlets of sphalerite) occurs largely as replacement with rare massive accumulations (234.75m at 30cm). A narrow interval from 261 to 264.3m was logged as felsic tuff to greywacke. Unit contains massive bands to finer bands with strong chlorite alteration and possible talc. Fine disseminated pyrite occurs throughout. From 264.3 to 299.3m a massive felsic unit is observed (intrusive?). Unit is fine grained to aphanitic-dark grey to black in colour and featureless. Sharp contacts are observed at the top and bottom. Unit is not altered and contains only minor brittle veining. Possible fine spherulite texture at up hole contact for ~2m. The end of the drill hole from 299.3 to 307m (EOH) is an intermediate to felsic volcaniclastic tuff with moderate to weak pervasive chlorite alteration, strong banded appearance and minor sulfide at the upper contact as foliation parallel stringers. The drill hole appears to have more proximal volcanic facies lower in the stratigraphy than the Butler 2 area. This area still displays a fining upward sequence that is common around the Butler hinge. Exhalative sulfides are present, both as massive intervals and as replacement, but grades and thicknesses are low.

DETAILED LOG

Hole Number: **MN10-118**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5844903.00	North:	5844903.00	Collar Az:	140.00
Location:		East:	517605.90	East:	517605.90	Length:	307.85
		Elev:	190.10	Elev:	190.10	Start Depth:	0.00
Date Started:	Jul 12, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 307.85
Date Completed:	Jul 13, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 1

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	140.00	-45.00	UK	OK		**20.00**	140.00	-42.43	UK	OK	
25.00	140.00	-42.38	UK	OK		**30.00**	140.00	-42.16	UK	OK	
35.00	140.00	-42.06	UK	OK		**40.00**	140.00	-42.03	UK	OK	
45.00	140.00	-41.92	UK	OK		**50.00**	140.00	-41.89	UK	OK	
55.00	140.00	-41.75	UK	OK		**60.00**	140.00	-41.70	UK	OK	
65.00	140.00	-41.71	UK	OK		**70.00**	140.00	-41.71	UK	OK	
75.00	140.00	-41.69	UK	OK		**80.00**	140.00	-41.46	UK	OK	
85.00	140.00	-41.46	UK	OK		**307.85**	140.00	-41.46	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	16.50	**O1, Overburden Unclassified** Overburden								
16.50	59.50	**V1a, Volcanic Felsic rhyodacite - massive** Felsic volcanic flows that display massive basal portions to ~46m then transition into flow top breccia ending at ~59.5m. Weak to no alteration								
59.50	87.30	**V2a, Volcanic Intermediate andesite-massive** Intermediate volcanic flow. Unit appears massive and fine grained at the base grading down hole into spherulitic textured massive flow with possible flow top breccia for the last ~2-3m. Sharp contact is observed at the end of the unit with weak pervasive chlorite alteration								
87.30	104.00	**I2a, Intrusive Intermediate Diorite** A intermediate-mafic tuff to massive metasediment (possible intrusive?). Unit is massive, fine grained, homogenous in texture. Minor brittle calcite fractures occur.								
104.00	132.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Fine grained massive felsic tuff with rare quartz phenocrysts is present. Unit contains possible lapilli								

Hole Number: **MN10-118** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
132.00	161.45	**I2a, Intrusive Intermediate Diorite** An intermediate volcaniclastic as a feldspar-crystal lapilli tuff (or intrusive) occurs from 132 to 161.45m. Interval has a very uniform texture with biotite surrounding the lapilli fragments								
161.45	189.60	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic grades down hole from fragmental to finely laminated tuffs. Pervasive biotite alteration occurs throughout with moderate chlorite alteration and trace stringer of sulfide. Possible feldspar crystal tuff layers are present	450722	176.78	177.78	1.00	0.02	0.01	0.50	0.01
			450723	177.78	178.78	1.00	0.02	0.01	0.60	0.01
			450724	178.78	179.78	1.00	0.02	0.01	0.30	0.01
			450725	179.78	180.78	1.00	0.03	0.01	0.60	0.01
			450726	180.78	181.78	1.00	0.01	0.01	0.40	0.01
			450727	181.78	182.78	1.00	0.00	0.00	0.80	0.01
			450728	182.78	183.78	1.00	0.00	0.00	0.70	0.01
			450729	183.78	184.78	1.00	0.02	0.01	0.70	0.01
			450730	184.78	185.78	1.00	0.00	0.00	0.80	0.01
			450732	185.78	186.78	1.00	0.00	0.00	0.80	0.01
			450733	186.78	187.78	1.00	0.01	0.01	0.50	0.01
			450734	187.78	188.78	1.00	0.01	0.01	0.50	0.01
			450735	188.78	190.00	1.22	0.00	0.01	0.40	0.01
189.60	205.50	**V3d, Volcanic Mafic breccia - transported (volcaniclastic)** Mafic tuff characterized by fine grained and well laminated bedding occurs from 189.6m to 220m. Strong pervasive chlorite alteration with foliation parallel stringer sulfide begins to occur with increased magnetite abundance. Sulfides dominant pyrite and pyrrhotite with minor chalcopyrite. Strong chlorite alteration.	450736	190.00	191.00	1.00	0.01	0.01	0.50	0.01
			450738	191.00	192.00	1.00	0.06	0.01	1.70	0.01
			450739	192.00	193.00	1.00	0.02	0.01	0.70	0.01
			450742	193.00	194.00	1.00	0.01	0.01	0.40	0.01
			450743	194.00	195.00	1.00	0.00	0.01	0.50	0.01
			450744	195.00	196.00	1.00	0.00	0.01	0.30	0.01
			450745	196.00	197.00	1.00	0.00	0.00	0.30	0.01
			450746	197.00	198.00	1.00	0.00	0.01	0.40	0.01
			450747	198.00	199.00	1.00	0.02	0.00	0.40	0.01
			450748	199.00	200.00	1.00	0.00	0.01	0.30	0.01
			450749	200.00	201.00	1.00	0.00	0.00	0.30	0.01
			450750	201.00	202.00	1.00	0.00	0.00	0.30	0.01
			450751	202.00	203.00	1.00	0.04	0.01	0.60	0.01
			450752	203.00	203.90	0.90	0.05	0.01	0.30	0.01
			450753	203.90	204.90	1.00	0.07	0.02	1.10	0.01
			450754	204.90	205.90	1.00	1.32	0.49	7.50	0.09
205.50	206.40	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide occurs at 205.5 to 206.4m with stringer sulfide below and a second massive sulfide intersection ~30cm wide at 212m	450755	205.90	206.90	1.00	0.30	0.03	2.70	0.06
206.40	212.00	**V3d, Volcanic Mafic breccia - transported (volcaniclastic)** Mafic tuff characterized by fine grained and well laminated bedding occurs from 189.6m to 220m. Strong pervasive chlorite alteration with foliation parallel stringer sulfide begins to occur with increased magnetite abundance. Sulfides dominant pyrite and pyrrhotite with minor chalcopyrite. Strong chlorite alteration.	450756	206.90	207.90	1.00	0.14	0.58	1.80	0.02
			450757	207.90	208.90	1.00	0.10	0.01	0.70	0.01
			450758	208.90	209.90	1.00	0.71	0.01	2.20	0.02
			450759	209.90	210.90	1.00	0.44	0.02	2.00	0.03
			450761	210.90	211.90	1.00	1.02	0.05	3.70	0.07
			450762	211.90	212.90	1.00	0.30	0.03	1.50	0.03

Hole Number: **MN10-118**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
212.00	212.30	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide occurs at 205.5 to 206.4m with stringer sulfide below and a second massive sulfide intersection ~30cm wide at 212m								
212.30	220.00	**V3d, Volcanic Mafic breccia - transported (volcaniclastic)** Mafic tuff characterized by fine grained and well laminated bedding occurs from 189.6m to 220m. Strong pervasive chlorite alteration with foliation parallel stringer sulfide begins to occur with increased magnetite abundance. Sulfides dominant pyrite and pyrrhotite with minor chalcopyrite. Strong chlorite alteration.	450763	212.90	213.50	0.60	0.17	0.02	0.80	0.01
			450764	213.50	214.50	1.00	0.14	0.02	0.60	0.01
			450765	214.50	215.50	1.00	0.02	0.03	0.30	0.01
			450766	215.50	216.50	1.00	0.90	0.04	2.70	0.07
			450767	216.50	217.50	1.00	0.35	0.02	1.50	0.04
			450768	217.50	218.50	1.00	0.31	0.02	1.90	0.03
			450770	218.50	219.50	1.00	0.23	0.03	1.40	0.02
			450771	219.50	220.50	1.00	0.10	0.03	1.20	0.01
220.00	234.75	**V1b, Volcanic Felsic rhyodacite - brecciated** Felsic-intermediate flow top breccia. Numerous flow bands are observed at random orientations. Unit is chlorite altered and sulfidized with chlorite alteration decreasing down hole. Sulfide (mix of pyrite and chalcopyrite and rare veinlets of sphalerite) occurs largely as replacement with rare massive accumulations (234.75m at 30cm).	450772	220.50	221.50	1.00	0.11	0.01	1.40	0.02
			450773	221.50	222.50	1.00	0.42	0.03	3.60	0.05
			450774	222.50	223.50	1.00	0.86	0.04	5.10	0.05
			450775	223.50	224.50	1.00	0.78	0.04	7.30	0.08
			450776	224.50	225.50	1.00	0.07	0.03	1.00	0.01
			450777	225.50	226.60	1.10	0.00	0.03	0.70	0.01
			450778	226.60	227.50	0.90	0.01	0.03	1.10	0.01
			450779	227.50	228.50	1.00	0.02	0.02	0.80	0.01
			450781	228.50	229.50	1.00	0.09	0.03	0.90	0.01
			450782	229.50	230.50	1.00	0.02	0.05	1.50	0.01
			450783	230.50	231.50	1.00	0.55	1.33	8.00	0.05
			450784	231.50	232.50	1.00	0.24	0.94	5.00	0.01
			450785	232.50	233.50	1.00	0.11	0.05	2.60	0.02
			450786	233.50	234.50	1.00	0.01	0.07	1.30	0.01
			450787	234.50	235.50	1.00	0.37	0.46	7.30	0.03
234.75	235.05	**X6b, Mineralization Massive Cu-Zn sulfide** Sulfide (mix of pyrite and chalcopyrite and rare veinlets of sphalerite) occurs largely as replacement with rare massive accumulations								

Hole Number: **MN10-118** Units: METRIC

Detailed Lithology

From	To	Lithology
235.05	261.00	**V1b, Volcanic Felsic rhyodacite - brecciated** Felsic-intermediate flow top breccia. Numerous flow bands are observed at random orientations. Unit is chlorite altered and sulfidized with chlorite alteration decreasing down hole. Sulfide (mix of pyrite and chalcopyrite and rare veinlets of sphalerite) occurs largely as replacement with rare massive accumulations (234.75m at 30cm).
261.00	264.30	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic tuff to greywacke. Unit contains massive bands to finer bands with strong chlorite alteration and possible talc. Fine disseminated pyrite occurs throughout.
264.30	299.30	**V1a, Volcanic Felsic rhyodacite - massive** Massive felsic unit is observed (intrusive?). Unit is fine grained to aphanitic-dark grey to black in colour and featureless. Sharp contacts are observed at the top and bottom. Unit is not altered and contains only minor brittle veining. Possible fine spherulite texture at up hole contact for ~2m.
299.30	307.85	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Intermediate to felsic volcaniclastic tuff with moderate to weak pervasive chlorite alteration, strong banded appearance and minor sulfide at the upper contact as foliation parallel stringers.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
450788	235.50	236.50	1.00	0.36	1.58	6.10	0.04
450790	236.50	237.50	1.00	0.02	0.05	0.80	0.01
450791	237.50	238.50	1.00	1.26	0.05	11.90	0.01
450792	238.50	239.50	1.00	0.03	0.03	0.80	0.01
450793	239.50	240.50	1.00	0.13	0.02	2.90	0.02
450794	240.50	241.50	1.00	0.19	0.09	2.90	0.01
450795	241.50	242.50	1.00	0.29	1.78	10.40	0.05
450796	242.50	243.50	1.00	0.02	0.03	0.50	0.01
450797	243.50	244.50	1.00	0.03	0.02	0.60	0.01
450798	244.50	245.50	1.00	0.03	0.25	1.70	0.02
450799	245.50	246.50	1.00	0.04	0.05	1.00	0.01
450801	246.50	247.50	1.00	0.02	0.03	0.70	0.01
450802	247.50	248.50	1.00	0.13	0.02	3.50	0.02
450803	248.50	249.50	1.00	0.06	2.15	1.70	0.01
450804	249.50	250.50	1.00	0.06	1.14	1.80	0.01
450805	250.50	251.50	1.00	0.07	0.04	0.90	0.01
450806	251.50	252.50	1.00	0.04	0.06	0.60	0.01
450807	252.50	253.50	1.00	0.05	0.06	0.60	0.01
450808	253.50	254.50	1.00	0.01	0.02	0.70	0.01
450809	254.50	255.50	1.00	0.01	0.01	0.70	0.01
450810	255.50	256.50	1.00	0.05	0.06	0.60	0.01
450811	256.50	257.50	1.00	0.01	0.02	0.60	0.01
450812	257.50	258.50	1.00	0.04	0.02	0.80	0.01
450813	258.50	259.50	1.00	0.06	0.03	0.80	0.01
450814	259.50	260.50	1.00	0.04	0.02	0.60	0.01
450815	260.50	261.50	1.00	0.00	0.02	0.30	0.01
450817	261.50	262.50	1.00	0.03	0.02	0.90	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450722	176.78	177.78	0.0190	0.0076	0.5000	0.0050

Hole Number: **MN10-118** Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450723	177.78	178.78	0.0192	0.0063	0.6000	0.0050
450724	178.78	179.78	0.0186	0.0057	0.3000	0.0050
450725	179.78	180.78	0.0281	0.0060	0.6000	0.0050
450726	180.78	181.78	0.0066	0.0051	0.4000	0.0050
450727	181.78	182.78	0.0041	0.0045	0.8000	0.0050
450728	182.78	183.78	0.0004	0.0042	0.7000	0.0050
450729	183.78	184.78	0.0197	0.0121	0.7000	0.0050
450730	184.78	185.78	0.0004	0.0029	0.8000	0.0050
450732	185.78	186.78	0.0030	0.0043	0.8000	0.0050
450733	186.78	187.78	0.0124	0.0059	0.5000	0.0050
450734	187.78	188.78	0.0063	0.0075	0.5000	0.0050
450735	188.78	190.00	0.0042	0.0065	0.4000	0.0060
450736	190.00	191.00	0.0113	0.0099	0.5000	0.0060
450738	191.00	192.00	0.0589	0.0107	1.7000	0.0060
450739	192.00	193.00	0.0209	0.0127	0.7000	0.0090
450742	193.00	194.00	0.0059	0.0052	0.4000	0.0050
450743	194.00	195.00	0.0005	0.0072	0.5000	0.0050
450744	195.00	196.00	0.0012	0.0072	0.3000	0.0050
450745	196.00	197.00	0.0005	0.0039	0.3000	0.0050
450746	197.00	198.00	0.0042	0.0054	0.4000	0.0050
450747	198.00	199.00	0.0178	0.0045	0.4000	0.0050
450748	199.00	200.00	0.0038	0.0079	0.3000	0.0050
450749	200.00	201.00	0.0020	0.0045	0.3000	0.0050
450750	201.00	202.00	0.0014	0.0043	0.3000	0.0050
450751	202.00	203.00	0.0383	0.0050	0.6000	0.0050
450752	203.00	203.90	0.0463	0.0052	0.3000	0.0050
450753	203.90	204.90	0.0713	0.0176	1.1000	0.0050
450754	204.90	205.90	1.3200	0.4890	7.5000	0.0900
450755	205.90	206.90	0.2980	0.0265	2.7000	0.0630
450756	206.90	207.90	0.1410	0.5830	1.8000	0.0200
450757	207.90	208.90	0.0962	0.0084	0.7000	0.0050
450758	208.90	209.90	0.7060	0.0090	2.2000	0.0150
450759	209.90	210.90	0.4420	0.0185	2.0000	0.0340
450761	210.90	211.90	1.0200	0.0478	3.7000	0.0720
450762	211.90	212.90	0.2990	0.0261	1.5000	0.0290
450763	212.90	213.50	0.1730	0.0154	0.8000	0.0090
450764	213.50	214.50	0.1390	0.0188	0.6000	0.0050
450765	214.50	215.50	0.0186	0.0314	0.3000	0.0050
450766	215.50	216.50	0.8990	0.0372	2.7000	0.0710

Hole Number: **MN10-118**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450767	216.50	217.50	0.3510	0.0213	1.5000	0.0390
450768	217.50	218.50	0.3130	0.0210	1.9000	0.0290
450770	218.50	219.50	0.2340	0.0267	1.4000	0.0220
450771	219.50	220.50	0.0984	0.0250	1.2000	0.0120
450772	220.50	221.50	0.1120	0.0120	1.4000	0.0150
450773	221.50	222.50	0.4220	0.0334	3.6000	0.0530
450774	222.50	223.50	0.8600	0.0414	5.1000	0.0470
450775	223.50	224.50	0.7830	0.0387	7.3000	0.0820
450776	224.50	225.50	0.0670	0.0253	1.0000	0.0100
450777	225.50	226.60	0.0028	0.0319	0.7000	0.0050
450778	226.60	227.50	0.0125	0.0293	1.1000	0.0050
450779	227.50	228.50	0.0207	0.0203	0.8000	0.0050
450781	228.50	229.50	0.0936	0.0278	0.9000	0.0100
450782	229.50	230.50	0.0173	0.0459	1.5000	0.0050
450783	230.50	231.50	0.5480	1.3300	8.0000	0.0490
450784	231.50	232.50	0.2410	0.9430	5.0000	0.0090
450785	232.50	233.50	0.1100	0.0475	2.6000	0.0180
450786	233.50	234.50	0.0053	0.0714	1.3000	0.0050
450787	234.50	235.50	0.3730	0.4600	7.3000	0.0320
450788	235.50	236.50	0.3630	1.5800	6.1000	0.0350
450790	236.50	237.50	0.0172	0.0476	0.8000	0.0050
450791	237.50	238.50	1.2600	0.0473	11.9000	0.0060
450792	238.50	239.50	0.0344	0.0340	0.8000	0.0050
450793	239.50	240.50	0.1290	0.0212	2.9000	0.0160
450794	240.50	241.50	0.1940	0.0857	2.9000	0.0050
450795	241.50	242.50	0.2860	1.7800	10.4000	0.0480
450796	242.50	243.50	0.0242	0.0330	0.5000	0.0050
450797	243.50	244.50	0.0298	0.0226	0.6000	0.0050
450798	244.50	245.50	0.0260	0.2530	1.7000	0.0160
450799	245.50	246.50	0.0400	0.0487	1.0000	0.0060
450801	246.50	247.50	0.0181	0.0271	0.7000	0.0050
450802	247.50	248.50	0.1290	0.0237	3.5000	0.0150
450803	248.50	249.50	0.0627	2.1500	1.7000	0.0060
450804	249.50	250.50	0.0620	1.1400	1.8000	0.0050
450805	250.50	251.50	0.0723	0.0436	0.9000	0.0050
450806	251.50	252.50	0.0353	0.0601	0.6000	0.0050
450807	252.50	253.50	0.0534	0.0565	0.6000	0.0050
450808	253.50	254.50	0.0101	0.0204	0.7000	0.0050
450809	254.50	255.50	0.0132	0.0107	0.7000	0.0050

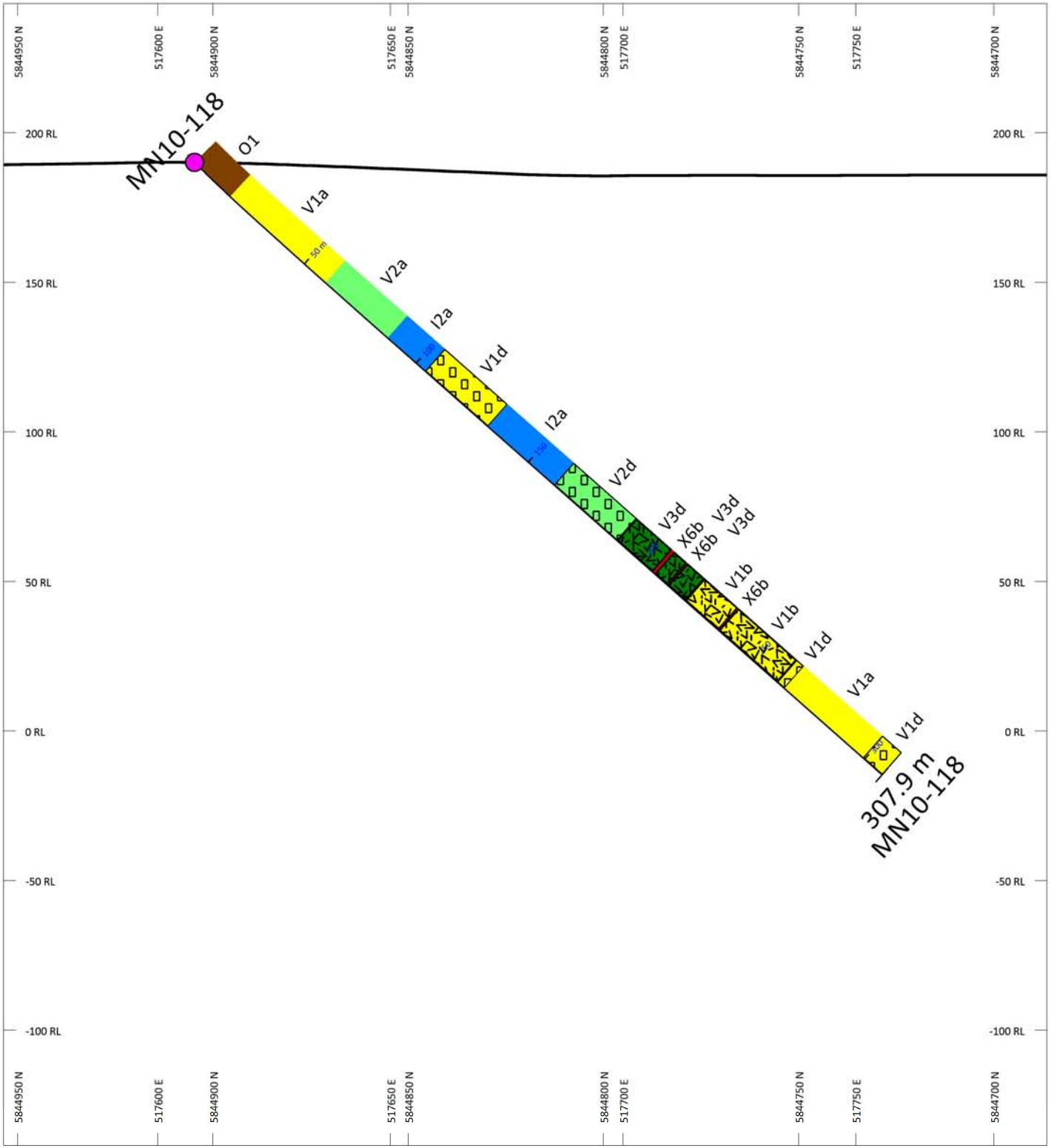
DETAILED LOG

Hole Number: **MN10-118**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450810	255.50	256.50	0.0481	0.0645	0.6000	0.0050
450811	256.50	257.50	0.0142	0.0239	0.6000	0.0050
450812	257.50	258.50	0.0432	0.0168	0.8000	0.0050
450813	258.50	259.50	0.0559	0.0266	0.8000	0.0080
450814	259.50	260.50	0.0398	0.0233	0.6000	0.0050
450815	260.50	261.50	0.0025	0.0172	0.3000	0.0050
450817	261.50	262.50	0.0330	0.0164	0.9000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Diorite
		Overburden
		Felsic massive/flow volcanics
		Felsic brecciated volcanics
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Intermediate lapilli tuff
		Mafic volcaniclastics
		Massive sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	517679 m	5844820 m
EXTENTS	348.8 m	381.8 m
SECTION TOP, BOT	243.2 m	-138.6 m
TOLERANCE +/-	25 m	

SCALE 1 : 2000

(m)

-20 0 20 40 60

NAD83 / UTM zone 16N

AZIMUTH = 140°

N W E S

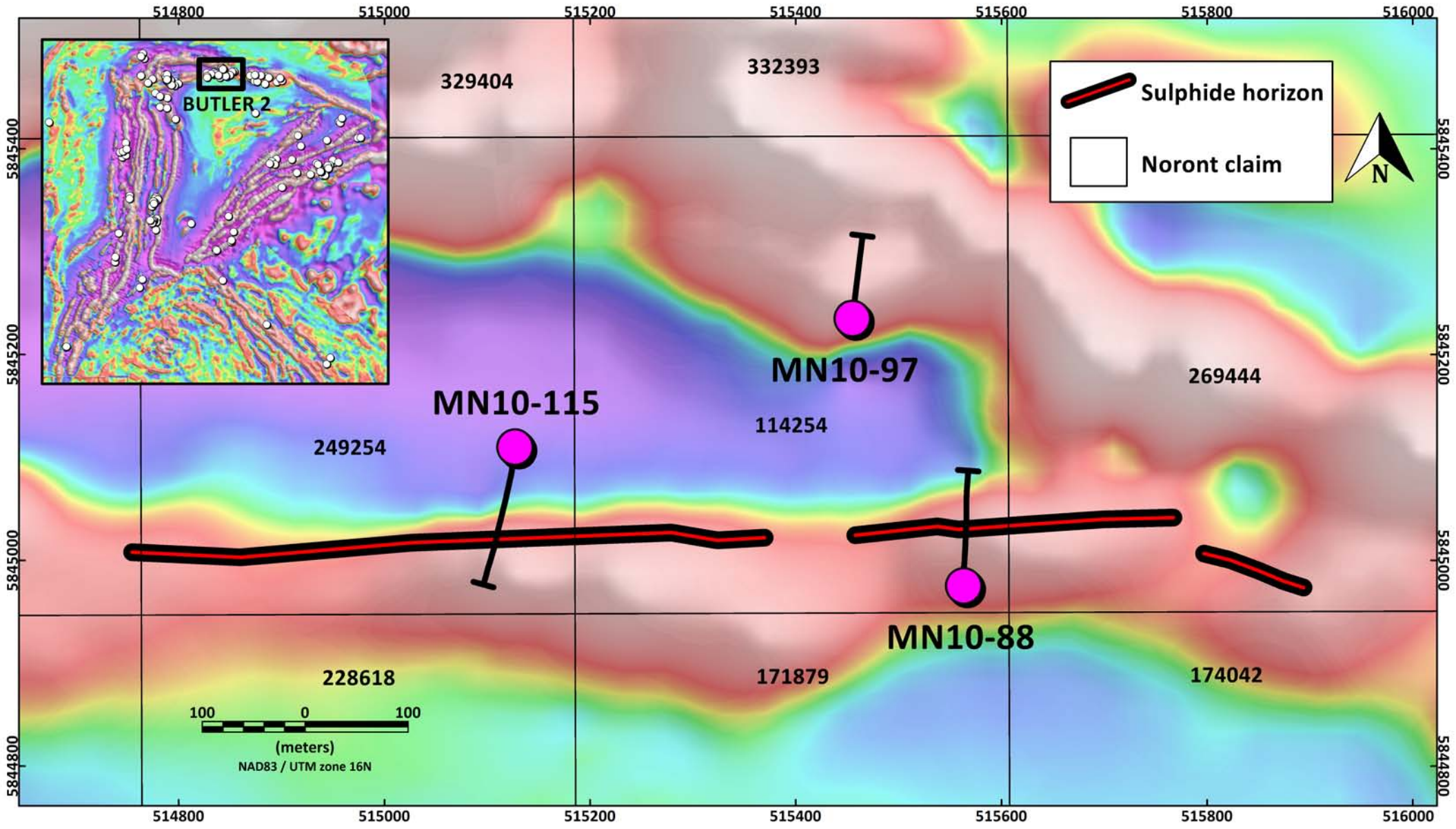
Butler Property

Cross-Section

Butler 1

MN10-118

Butler 2


514800
515000
515200
515400
515600
515800
516000
5845400
5845200
5845000
5844800
BUTLER 2
329404
332393
269444
249254
114254
228618
171879
174042
MN10-97
MN10-115
MN10-88
Sulphide horizon
Noront claim
N
100
0
100
(meters)
NAD83 / UTM zone 16N

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-88**	Units: Metric

Cover Page

Project Name:	Butler Butler 2	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515563.303 5844975.173 189.097	Collar Azimuth: Collar Dip: Final Depth (m):	353 -55 182.88	Mining Claim(s) / Provincial Cell Grid(s): Township:	114254 (43D15C377) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 19.81	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	James Masters Cartwright Drilling 8-Apr-2010 11-Apr-2010

ReLog Notes	The hole was spotted to the south of a regional conductor and coincident magnetic trend and was drilled north, down stratigraphy. The hole collared into mafic volcaniclastic rocks that were dark green in colour with moderate to strong chlorite alteration. Strongly deformed lapilli are present along with nodular quartz (possibly deformed amygdules). Trace disseminated sulfide occurs throughout with anomalous Cu and Zn. From 66m to 85m intermediate to felsic volcaniclastic lapilli tuffs with moderate chlorite alteration is observed. Unit contains finely laminated intervals and dominantly laminated at the base of the unit. Sulfide zone occurs from 85m to 87m comprising pyrite and sphalerite as replacement of lapilli fragmental. Very sharp contacts occur at top and bottom and unit grades down into intermediate fragmental with limited alteration (footwall). Intermediate to felsic metasediments that are well laminated extend to a depth of 110m with very siliceous sections. Felsic to intermediate lapilli tuff to tuff occur from 110 to 169.2m. Volcaniclastic coarsens down hole (down stratigraphy) to fragmental and possible flow banded breccia at 147m. Cross-cutting pyrite chlorite-magnetite stringers are present. From 169.2m to 182.8 (EOH) rocks are felsic volcaniclastic lapilli tuff with weak to moderate chlorite alteration with chlorite-sulfide stringers cross-cutting.

DETAILED LOG

Hole Number: **MN10-88**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-55.00
Project Number:	Butler	North:	5844975.17	North:	5844975.17	Collar Az:	353.00
Location:		East:	515563.30	East:	515563.30	Length:	182.88
		Elev:	189.10	Elev:	189.10	Start Depth:	0.00
Date Started:	Apr 08, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 182.88
Date Completed:	Apr 11, 2010	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 2

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	353.00	-55.00	UK	OK		**20.00**	4.10	-54.00	UK	OK	
30.00	4.91	-53.87	UK	OK		**40.00**	4.31	-53.56	UK	OK	
50.00	2.90	-53.19	UK	OK		**60.00**	2.91	-52.91	UK	OK	
70.00	2.74	-52.48	UK	OK		**80.00**	2.87	-52.33	UK	OK	
90.00	2.50	-52.21	UK	OK		**100.00**	2.50	-52.01	UK	OK	
110.00	0.96	-51.67	UK	OK		**120.00**	0.04	-51.33	UK	OK	
130.00	0.04	-50.93	UK	OK		**140.00**	0.04	-50.74	UK	OK	
150.00	3.79	-50.50	UK	OK		**160.00**	3.79	-50.42	UK	OK	
170.00	3.79	-50.37	UK	OK		**180.00**	3.79	-50.33	UK	OK	
182.88	3.79	-50.33	UK	OK							

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	19.81	**O1, Overburden Unclassified** Overburden								
19.81	66.00	**V3d, Volcanic Mafic breccia - transported (volcaniclastic)** Mafic volcaniclastic rocks that were dark green in colour with moderate to strong chlorite alteration. Strongly deformed lapilli are present along with nodular quartz (possibly deformed amygdules). Trace disseminated sulfide occurs throughout with anomalous Cu and Zn	314268	31.00	32.00	1.00	0.04	0.01	0.80	0.01
			314269	32.00	33.00	1.00	0.06	0.01	0.40	0.01
			314270	33.00	34.00	1.00	0.02	0.01	0.30	0.01
			314271	34.00	34.98	0.98	0.18	0.01	0.80	0.01
			314272	34.98	36.00	1.02	0.10	0.01	0.50	0.01
			314273	36.00	37.38	1.38	0.28	0.01	1.10	0.05
			314274	47.77	48.87	1.10	0.02	0.03	0.50	0.01
			314275	48.87	49.64	0.77	0.01	0.05	0.40	0.01
			314276	50.89	51.89	1.00	0.03	0.03	0.50	0.01
			314277	51.89	52.87	0.98	0.02	0.02	0.60	0.01
			314278	57.55	58.99	1.44	0.02	0.04	0.40	0.01

DETAILED LOG

Hole Number: **MN10-88**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
66.00	85.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate to felsic volcaniclastic lapilli tuffs with moderate chlorite alteration is observed. Unit contains finely laminated intervals and dominantly laminated at the base of the unit.	314279	84.00	84.92	0.92	0.08	0.07	2.10	0.01
			314281	84.92	86.00	1.08	0.10	4.78	6.30	0.04
85.00	87.00	**X5b, Mineralization Semi-massive Cu-Zn sulfide** Sulfide zone comprising pyrite and sphalerite as replacement of lapilli fragmental. Very sharp contacts occur at top and bottom and unit grades down into intermediate fragmental with limited alteration (footwall	314282	86.00	86.91	0.91	0.20	4.87	9.00	0.05
			314283	86.91	88.13	1.22	0.01	0.05	1.40	0.01
87.00	90.20	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate tuff, chlorite altered	314284	88.13	89.13	1.00	0.01	0.02	0.50	0.01
			314285	89.13	89.82	0.69	0.00	0.01	0.40	0.01
90.20	110.00	**S1c, Sedimentary Felsic siltstone** Finely laminated qtz rich siltstone. Intermediate to felsic metasediments that are well laminated extend to a depth of 110m with very siliceous sections								
110.00	134.50	**V1e, Volcanic Felsic quartz-feldspar porphyry** Clay rich laminated felsic ash tuff (no qtz rich siltstone beds)								
134.50	144.50	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Bedded felsic lapilli tuff. Moderate chl-ser alteration. Cross-cutting pyrite chlorite-magnetite stringers are present								
144.50	169.20	**V1a, Volcanic Felsic rhyodacite - massive** Flow banded dacite. Cross-cutting pyrite chlorite-magnetite stringers are present	314286	157.78	158.70	0.92	0.23	0.01	2.10	0.02
			314287	159.34	159.92	0.58	0.12	0.01	1.50	0.02
			314288	160.84	162.25	1.41	0.06	0.01	0.60	0.01
			314289	162.25	163.25	1.00	0.06	0.01	0.80	0.01
169.20	182.88	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic volcaniclastic lapilli tuff with weak to moderate chlorite alteration with chlorite-sulfide stringers cross-cutting	314291	172.54	173.54	1.00	0.01	0.01	1.00	0.01
			314292	173.54	174.90	1.36	0.00	0.00	0.60	0.01
			314293	174.90	175.90	1.00	0.00	0.01	1.00	0.01
			314294	175.90	176.87	0.97	0.00	0.01	1.00	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
314268	31.00	32.00	0.0427	0.0116	0.8000	0.0050
314269	32.00	33.00	0.0553	0.0127	0.4000	0.0050
314270	33.00	34.00	0.0232	0.0125	0.3000	0.0050
314271	34.00	34.98	0.1780	0.0112	0.8000	0.0070
314272	34.98	36.00	0.0951	0.0114	0.5000	0.0090
314273	36.00	37.38	0.2780	0.0126	1.1000	0.0460
314274	47.77	48.87	0.0232	0.0314	0.5000	0.0050
314275	48.87	49.64	0.0093	0.0484	0.4000	0.0050
314276	50.89	51.89	0.0311	0.0255	0.5000	0.0050
314277	51.89	52.87	0.0208	0.0214	0.6000	0.0050
314278	57.55	58.99	0.0236	0.0448	0.4000	0.0050
314279	84.00	84.92	0.0756	0.0663	2.1000	0.0100

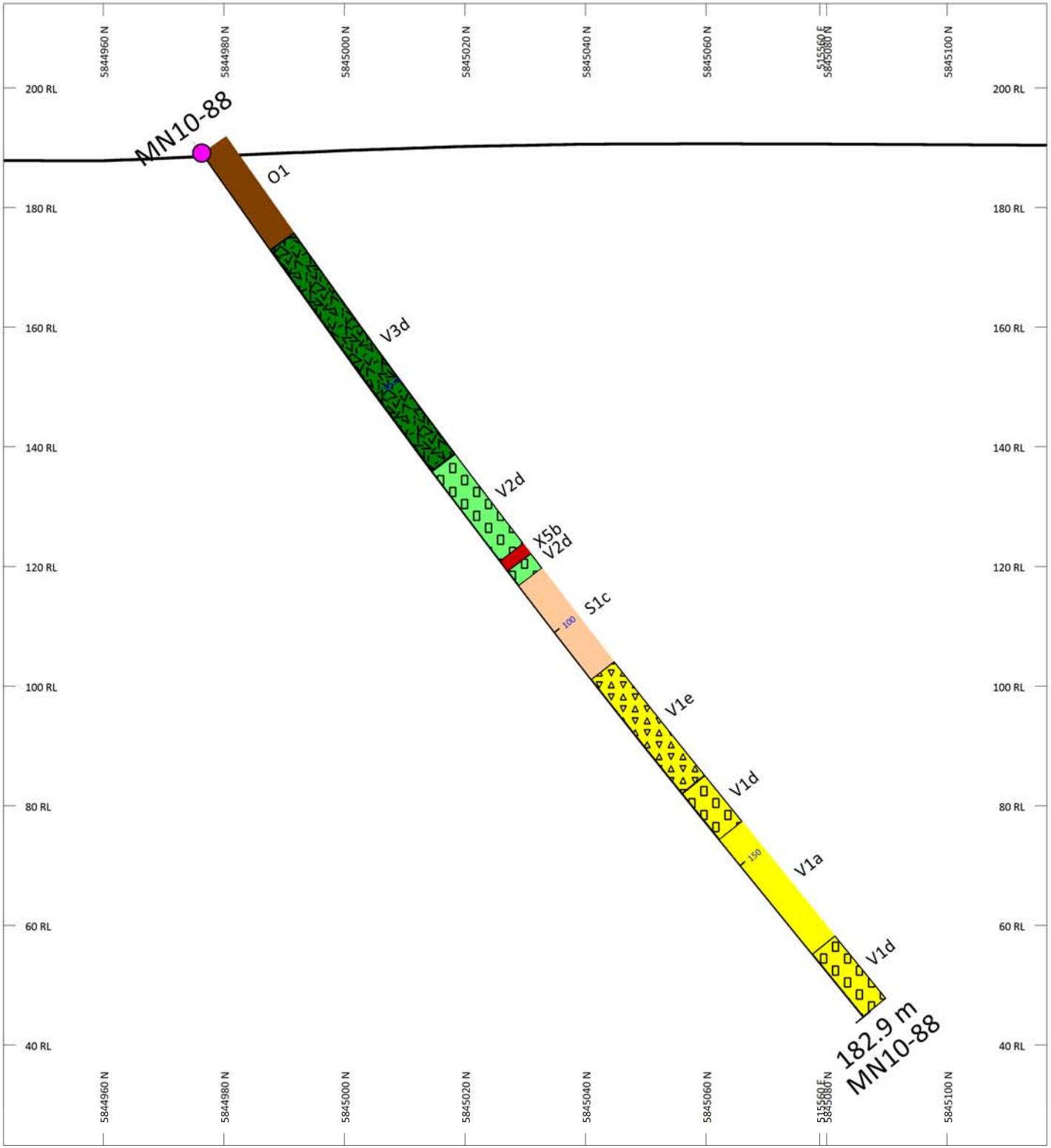
DETAILED LOG

Hole Number: **MN10-88**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
314281	84.92	86.00	0.0960	4.7800	6.3000	0.0350
314282	86.00	86.91	0.1980	4.8700	9.0000	0.0520
314283	86.91	88.13	0.0125	0.0493	1.4000	0.0110
314284	88.13	89.13	0.0077	0.0244	0.5000	0.0060
314285	89.13	89.82	0.0038	0.0145	0.4000	0.0050
314286	157.78	158.70	0.2260	0.0102	2.1000	0.0220
314287	159.34	159.92	0.1150	0.0139	1.5000	0.0220
314288	160.84	162.25	0.0622	0.0122	0.6000	0.0110
314289	162.25	163.25	0.0588	0.0118	0.8000	0.0050
314291	172.54	173.54	0.0129	0.0061	1.0000	0.0050
314292	173.54	174.90	0.0012	0.0039	0.6000	0.0050
314293	174.90	175.90	0.0004	0.0060	1.0000	0.0050
314294	175.90	176.87	0.0023	0.0061	1.0000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Felsic siltstone
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Felsic ash tuff
		Intermediate lapilli tuff
		Mafic volcaniclastics
		Semi-massive sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515566 m	5845030 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	214.1 m	23.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 353°

N W E S

Butler Property

Cross-Section

Butler 2

MN10-88

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-97**	Units: Metric

Cover Page

Project Name:	Butler Butler 2	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515455 5845235 186.25	Collar Azimuth: Collar Dip: Final Depth (m):	7 -45 114.7	Mining Claim(s) / Provincial Cell Grid(s): Township:	114254 (43D15C377) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 9.69	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 22-Apr-2010 23-Apr-2010

ReLog Notes	The hole was drilled to test a short strike length airborne EM conductor pick associated with a regional magnetic high linear. Drill hole was drilled north (down stratigraphy). The hole collars into massive felsic-intermediate sub-volcanic flow/intrusive. Unit appears undeformed and unaltered. At 52m intermediate supracrustals occur. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization. At ~59m the lower contact of the unit is observed. From 69 to ~80m amphibole-phyric unit, possibly cross-cutting mafic dyke is observed. Weakly anthophyllite altered felsic-intermediate occurs to end of the drill hole. Unit is very crystalline and hard.

DETAILED LOG

Hole Number: **MN10-97** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5845235.00	North:	5845235.00	Collar Az:	7.00
Location:		East:	515455.00	East:	515455.00	Length:	114.70
		Elev:	186.25	Elev:	186.25	Start Depth:	0.00
Date Started:	Apr 22, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 114.70
Date Completed:	Apr 23, 2010	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 2

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	7.00	-45.00	UK	OK		**114.70**	7.00	-45.00	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	9.69	**O1, Overburden Unclassified** Overburden								
9.69	52.00	**V2a, Volcanic Intermediate andesite-massive** Hole collared into massive felsic-intermediate subvolcanic flow or intrusive. Unit is undeformed and unaltered.								
52.00	55.88	**S2, Sedimentary Intermediate** Intermediate supracrustals. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization	314485	52.00	53.00	1.00	0.01	0.00	0.60	0.01
			314486	55.38	55.88	0.50	0.00	0.00	0.40	0.01
55.88	56.30	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide (>60% sulfide)	314488	55.88	56.88	1.00	0.10	0.01	0.80	0.02
56.30	56.90	**S2, Sedimentary Intermediate** Intermediate supracrustals. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization	314489	56.88	57.80	0.92	0.25	0.01	13.60	0.05
56.90	57.85	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide (>60% sulfide)	314490	57.80	58.42	0.62	0.21	0.00	8.10	0.04
57.85	58.00	**S2, Sedimentary Intermediate** Intermediate supracrustals. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization								
58.00	58.22	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide (>60% sulfide)								

DETAILED LOG

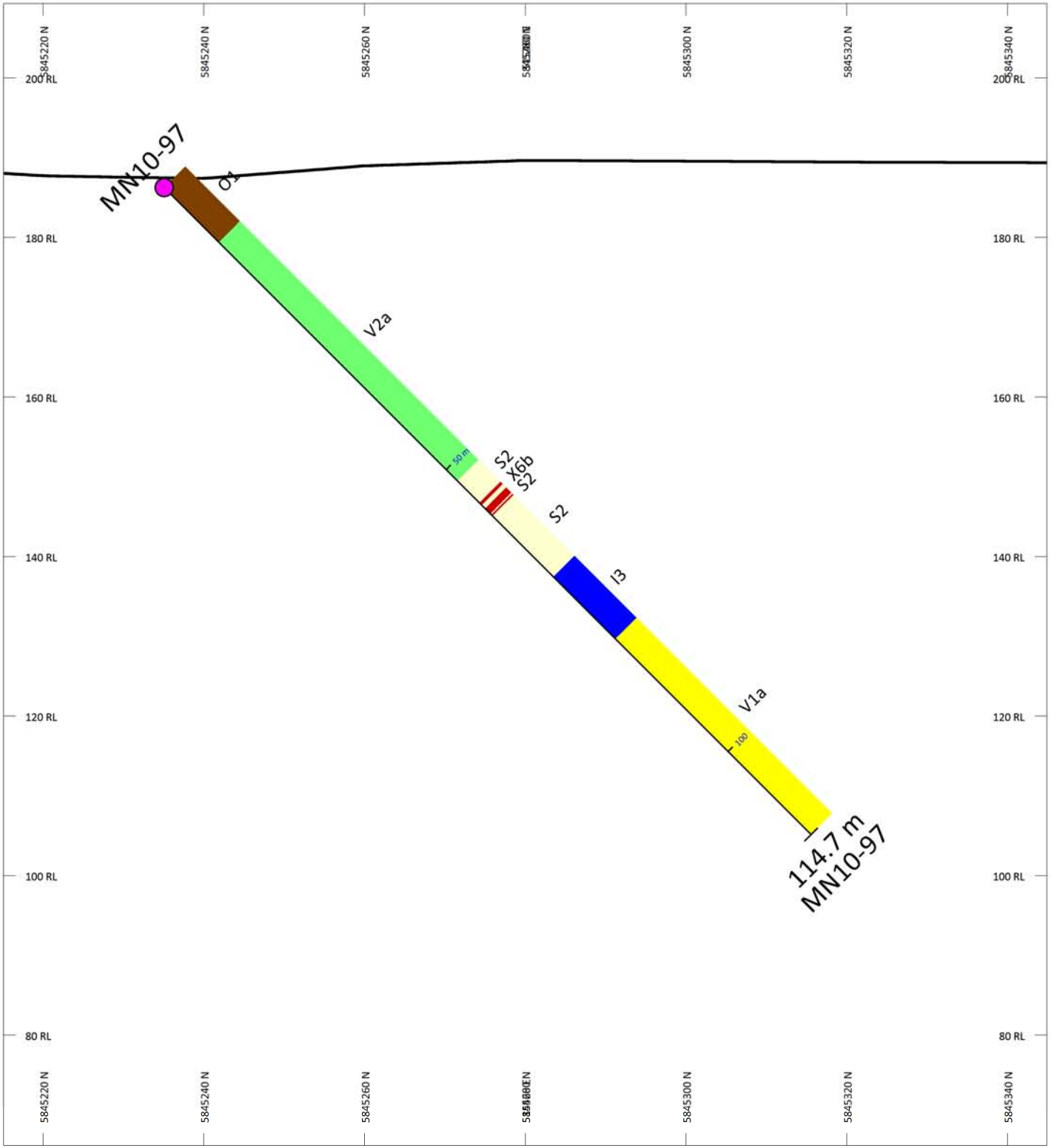
Hole Number: **MN10-97**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
58.22	69.00	**S2, Sedimentary Intermediate** Intermediate supracrustals. Massive sulfide occurs within the unit and is associated with intense chlorite alteration above and below with minor carbonate veining. Possible fragmental underlie and host the mineralization	314491	58.42	58.92	0.50	0.01	0.00	0.40	0.01
			314492	62.00	63.00	1.00	0.00	0.01	0.60	0.01
			314493	65.00	66.00	1.00	0.00	0.00	0.40	0.01
69.00	80.00	**I3, Intrusive Mafic** Amphibole-phyric unit, possibly cross-cutting mafic dyke is observed								
80.00	114.70	**V1a, Volcanic Felsic rhyodacite - massive** Weakly anthophyllite altered felsic-intermediate occurs to end of the drill hole. Unit is very crystalline and hard.								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
314485	52.00	53.00	0.0089	0.0045	0.6000	0.0080
314486	55.38	55.88	0.0006	0.0044	0.4000	0.0050
314488	55.88	56.88	0.1040	0.0115	0.8000	0.0170
314489	56.88	57.80	0.2500	0.0062	13.6000	0.0450
314490	57.80	58.42	0.2120	0.0043	8.1000	0.0410
314491	58.42	58.92	0.0070	0.0047	0.4000	0.0050
314492	62.00	63.00	0.0002	0.0082	0.6000	0.0050
314493	65.00	66.00	0.0003	0.0029	0.4000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Mafic intrusive
		Overburden
		Intermediate sediments
		Felsic massive/flow volcanics
		Intermediate massive/flow volca
		Massive sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515460 m	5845280 m
EXTENTS	130.8 m	143.2 m
SECTION TOP, BOT	209.3 m	66.14 m
TOLERANCE +/-	25 m	

SCALE 1 : 750

(m)

-5 0 5 10 15 20 25

NAD83 / UTM zone 16N

AZIMUTH = 7°

N W E S

Butler Property

Cross-Section

Butler 2

MN10-97

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-115**	Units: Metric

Cover Page

Project Name:	Butler Butler 2	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515127 5845110 186.86	Collar Azimuth: Collar Dip: Final Depth (m):	190 -45 185.93	Mining Claim(s) / Provincial Cell Grid(s): Township:	249254 (43D15C376) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 12.44	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Paul Gann Cartwright Drilling 6-Jul-2010 8-Jul-2010

ReLog Notes	The drill hole tests the same linear magnetic target with coincident EM response as MN10-88. The hole was drilled from north to south and intersects the same sequence of rock types. The sulfide zone again looks as replacement texture in volcaniclastic lapilli fragmental with moderate chlorite and carbonate alteration. Minor sericite was observed in the interpreted footwall and chlorite is observed to extend higher up into the stratigraphy. The hole collars into felsic flow rock and lapilli tuffs with minimal alteration. This fines upwards to well laminated felsic siltstone with tops to the south. The Butler 2 exhalative horizon is thin with sulfide replacement and poor grades (due to lateral fluid movement over broad zone). This is capped by intermediate flow/tuff rocks with moderate chlorite alteration.

DETAILED LOG

Hole Number: **MN10-115**

Units: METRIC

Project Name: Butler
Project Number: Butler
Location:

Date Started: Jul 06, 2010
Date Completed: Jul 08, 2010

Primary Coordinates Grid: UTM83-16
North: 5845110.00
East: 515127.00
Elev: 186.86

Collar Survey: N
Multishot Survey: N
Pulse EM Survey: Y
Plugged: N
Hole Size: NQ
Casing:

Destination Coordinates Grid: UTM83-16
North: 5845110.00
East: 515127.00
Elev: 186.86

Contractor:
Core Storage:

Collar Dip: -45.00
Collar Az: 190.00
Length: 185.93
Start Depth: 0.00
Final Depth: 185.93

Comments: Butler 2

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	190.00	-45.00	UK	OK		**20.00**	186.42	-42.71	UK	OK	
30.00	187.66	-42.78	UK	OK		**40.00**	192.36	-42.93	UK	OK	
50.00	192.41	-42.96	UK	OK		**60.00**	192.80	-42.61	UK	OK	
70.00	192.69	-42.52	UK	OK		**80.00**	193.85	-42.28	UK	OK	
90.00	194.33	-42.19	UK	OK		**100.00**	194.00	-42.17	UK	OK	
105.00	194.36	-42.19	UK	OK		**110.00**	194.03	-42.16	UK	OK	
115.00	194.24	-42.13	UK	OK		**120.00**	189.63	-42.14	UK	OK	
125.00	190.59	-42.18	UK	OK		**130.00**	194.54	-42.15	UK	OK	
140.00	195.39	-41.92	UK	OK		**150.00**	196.64	-41.77	UK	OK	
160.00	196.64	-41.69	UK	OK		**170.00**	196.03	-41.63	UK	OK	
180.00	195.61	-41.67	UK	OK		**185.93**	195.61	-41.67	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	12.44	**O1, Overburden Unclassified** Overburden								
12.44	49.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite lapilli tuff, bio alt, minor py								
49.00	62.00	**V1a, Volcanic Felsic rhyodacite - massive** Dacite flow with amygdules, flow banded								
62.00	73.75	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Chl altered felsic lapillit tuff	450901	72.05	73.50	1.45	0.02	0.05	0.50	0.01
73.75	73.80	**X6e, Mineralization Massive Pyrite** Band of heavy py diss								
73.80	88.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Chl altered felsic lapillit tuff								

DETAILED LOG

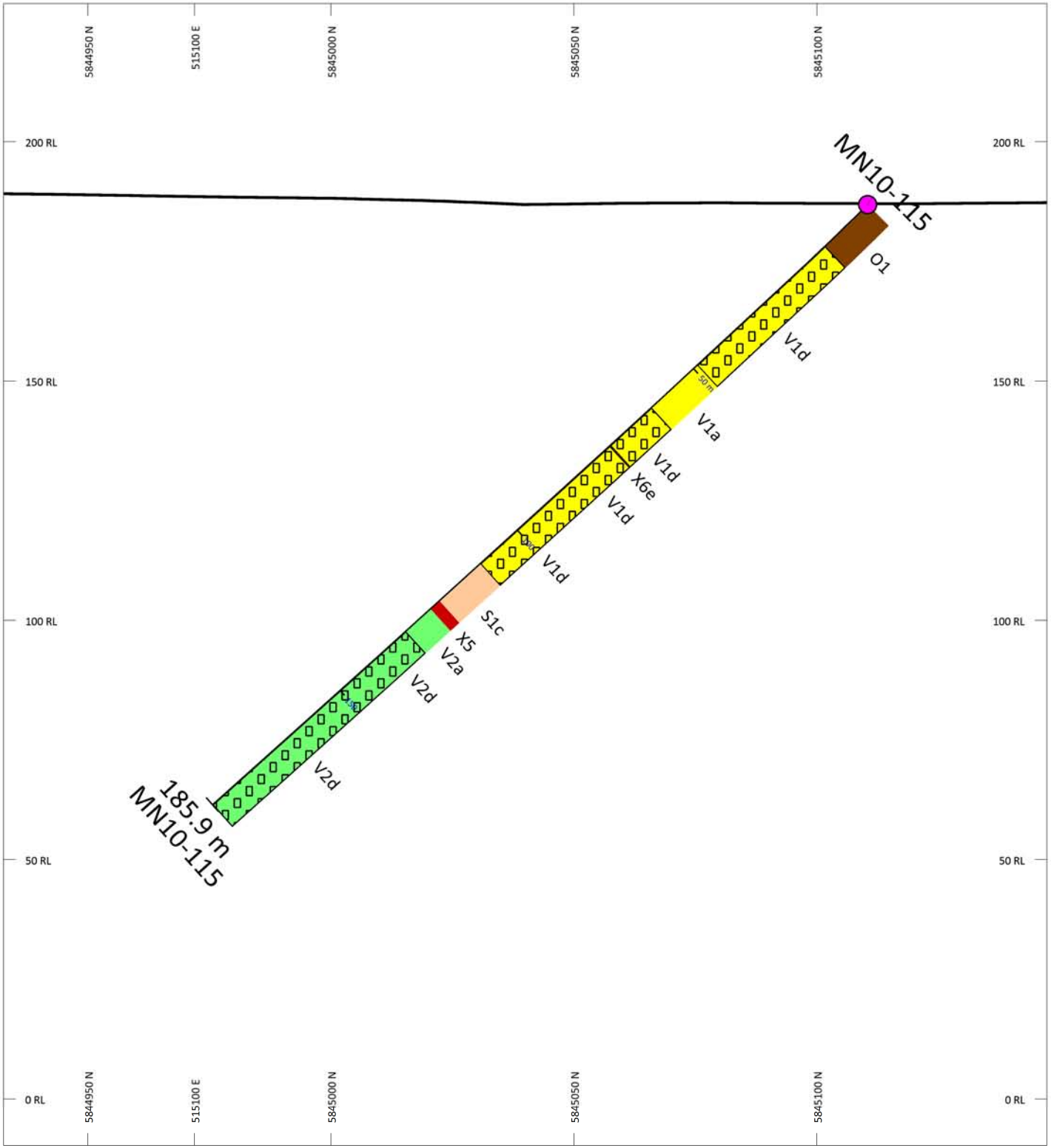
Hole Number: **MN10-115**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
88.00	110.50	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Unaltered/weakly chl felsic tuff/lap tuff								
110.50	122.00	**S1c, Sedimentary Felsic siltstone** Finely laminated qtz rich siltstone with thin mafic interbeds. Grading downhole.	450902	121.71	122.71	1.00	0.13	2.21	9.60	0.04
122.00	124.50	**X5, Mineralization Semi-massive** Butler 2 exhalative. Semi-mass py in chl replacement. Low grade	450903	122.71	123.71	1.00	0.34	0.76	8.40	0.03
			450904	123.71	124.71	1.00	0.23	0.48	8.60	0.05
124.50	131.50	**V2a, Volcanic Intermediate andesite-massive** Flow banded andesite with autolithic fragments. Weak chl-fe-carb alt								
131.50	141.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate lapilli tuff, strong chl alt, minor diss py								
141.50	185.93	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Med-strong chl-ser altered intermediate tuff/lap tuff. Patchy diss py								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450901	72.05	73.50	0.0184	0.0450	0.5000	0.0050
450902	121.71	122.71	0.1260	2.2100	9.6000	0.0420
450903	122.71	123.71	0.3410	0.7640	8.4000	0.0270
450904	123.71	124.71	0.2340	0.4800	8.6000	0.0480



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Felsic siltstone
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Intermediate lapilli tuff
		Semi-massive sulfides
		Massive sulfides (pyrite)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515112 m	5845040 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	228.9 m	-9.762 m
TOLERANCE +/-	250 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 10°

N W E S

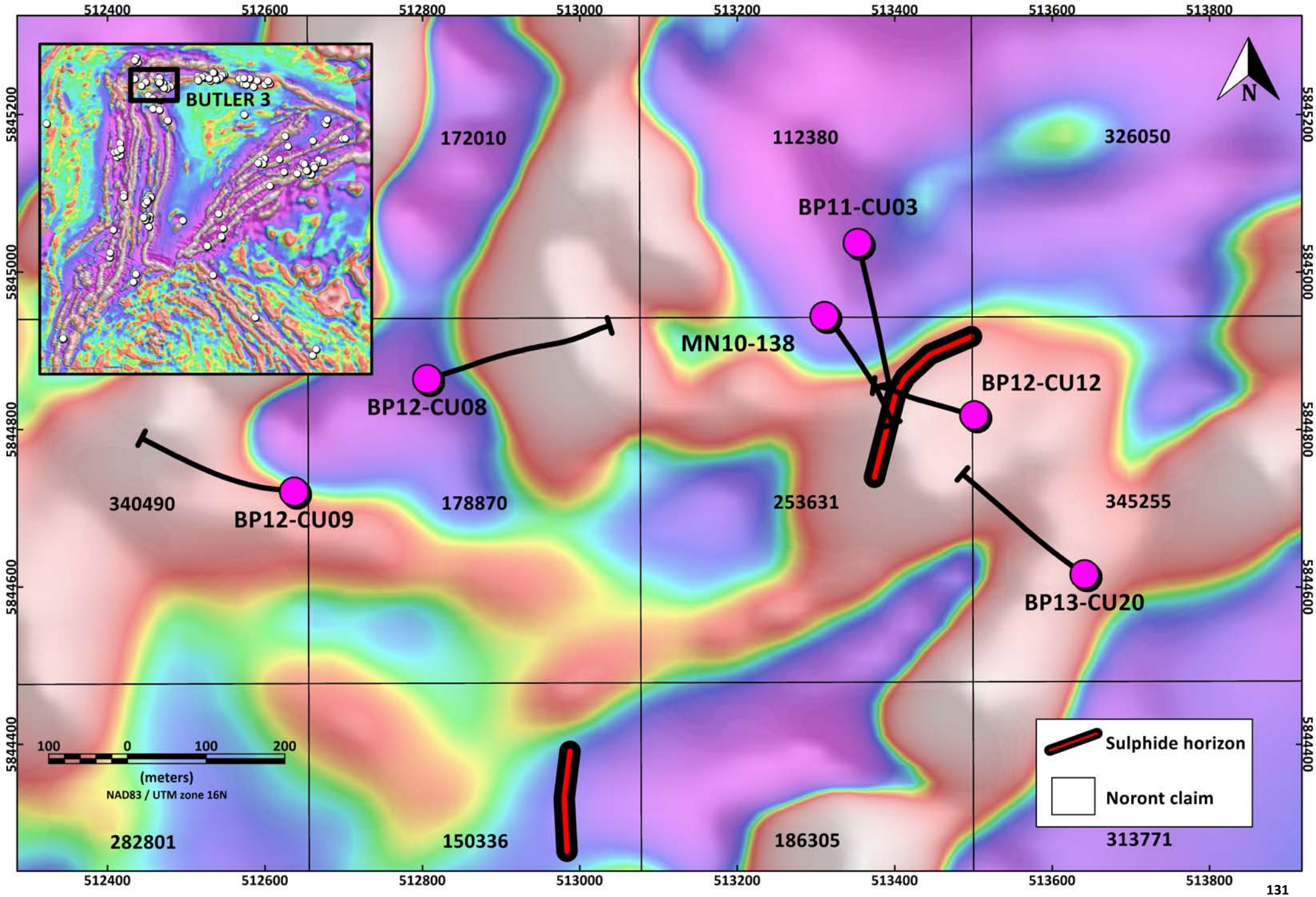
Butler Property

Cross-Section

Butler 2

MN10-115

Butler 3 & Footwall



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP11-CU03**	Units: Metric

Cover Page

Project Name:	Butler Butler 3	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2011 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513353 5845037 187	Collar Azimuth: Collar Dip: Final Depth (m):	165.8 -57.94 339	Mining Claim(s) / Provincial Cell Grid(s): Township:	112380 (43D15C372), 253631 (43D15C392) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 9.14	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 31-Mar-2011 4-Apr-2011

ReLog Notes	The drill hole collars into a mafic to intermediate volcaniclastic unit with localized intervals of rhyolitic-dacitic composition, with the unit becoming progressively mafic going down-hole to 127m. This interval contains a small amount of disseminated pyrite as well as a small semi-massive sulfide intersection with net and stringer pyrite and disseminated pyrrhotite (66.44-66.79m) and contains minor garnet and anthophyllite alteration. At 127m, the hole grades into a felsic to intermediate volcaniclastic unit, which extends to 180.6m. This unit is moderately biotite and chlorite altered, with minor anthophyllite and sericite, and contains trace pyrite. At 180.6m, the hole grades into an intermediate to felsic volcaniclastic unit until 208m and is moderately to highly altered by anthophyllite. Unit contains trace pyrite and contains siliceous intervals. At 208m, the hole encounters a more massive rhyolitic unit, which extends to 249.3m. This unit is moderately to strongly altered in biotite. Sulfides are disseminated and there is trace magnetite. Lower contact is gradational. At 249.3m, the hole encounters what has been previously described as the black felsic marker unit. This unit extends to 265.4m and is a dark grey, aphanitic, very hard and siliceous, well flow-banded dacite with local flow-top breccia. Flow banding is crenulated and the unit contains minor pyrite and magnetite. The unit is largely unaltered, except for minor chlorite alteration and alteration increases downhole. From 265.4m to the end of the hole at 339m, the hole intersects the moderately to strongly biotite altered rhyolite previously described from 208-249.3m. This unit however contains greater concentrations of blebby and stringer sulfides in localized zones.

DETAILED LOG

Hole Number: **BP11-CU03** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-57.94
Project Number:	Butler	North:	5845037.00	North:	5845037.00	Collar Az:	165.80
Location:		East:	513353.00	East:	513353.00	Length:	339.00
		Elev:	187.00	Elev:	187.00	Start Depth:	0.00
Date Started:	Mar 31, 2011	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 339.00
Date Completed:	Apr 04, 2011	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3; This hole is a deeper hole and is drilled over an old hole MN10-141 and is attempting to intersect VMS mineralization at greater depth (~300m)

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	165.80	-57.94	UK	OK		**10.00**	165.80	-57.94	UK	OK	
20.00	165.95	-57.94	UK	OK		**30.00**	166.09	-57.79	UK	OK	
40.00	166.24	-57.71	UK	OK		**50.00**	166.39	-57.74	UK	OK	
60.00	166.53	-57.72	UK	OK		**70.00**	166.67	-57.75	UK	OK	
80.00	166.80	-57.76	UK	OK		**90.00**	166.91	-57.72	UK	OK	
100.00	167.02	-57.72	UK	OK		**110.00**	167.12	-57.75	UK	OK	
120.00	167.21	-57.70	UK	OK		**130.00**	167.29	-57.53	UK	OK	
140.00	167.37	-57.34	UK	OK		**150.00**	167.45	-57.23	UK	OK	
160.00	167.53	-57.21	UK	OK		**170.00**	167.61	-57.19	UK	OK	
180.00	167.69	-57.12	UK	OK		**190.00**	167.78	-57.08	UK	OK	
200.00	167.88	-57.11	UK	OK		**210.00**	167.97	-57.07	UK	OK	
220.00	168.06	-56.93	UK	OK		**230.00**	168.15	-56.85	UK	OK	
240.00	168.23	-56.79	UK	OK		**250.00**	168.30	-56.72	UK	OK	
260.00	168.36	-56.72	UK	OK		**270.00**	168.40	-56.75	UK	OK	
280.00	168.44	-56.69	UK	OK		**290.00**	168.46	-56.61	UK	OK	
300.00	168.49	-56.59	UK	OK		**310.00**	168.50	-56.59	UK	OK	
320.00	168.52	-56.60	UK	OK		**330.00**	168.53	-56.52	UK	OK	
339.00	168.55	-56.37	UK	OK							

Detailed Lithology

From	To	Lithology
0.00	9.14	**O1, Overburden Unclassified** Overburden. Casing to 9.14m

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL

Hole Number: **BP11-CU03**

Units: METRIC

Detailed Lithology

From	To	Lithology
9.14	127.02	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Andesite (200 to 400 Zr/TiO2). Andesite to Basaltic Andesite- Mafic to intermediate volcanic unit that has small locals of dacitic to rhyolitic composition according to the XRF gun. The unit is a light green to grey coloured well foliated unit. There are small sections in this mainly andesitic to basaltic unit. The unit becomes more basaltic towards the bottom of the interval and conversely it becomes more andesitic at the top with a pure quartz vein at the top adjacent to the lapilli tuff (sharp contacts). The unit is relatively devoid of magnetic minerals and there is a trace amount of sulphide (disseminated pyrite) in the top part of the interval to 59.6m. A semi-massive section of net and stringer pyrite with some disseminated pyrrhotite is at 66.44-66.79m and after that the sulphide ranges from trace to 3%. Lapilli tuff textures can be seen at 22.1-27.28m. On the whole the unit is fine grained with some sections going up to medium grain sizes in the anthophyllite altered areas. Numerous randomly located quartz, feldspar and carbonate veins and veinlets run subparallel to the foliation. In some instances the core is fractured/faulted and blocky (at 21.7-24m, 29.1m, 29.8m, 55.5-58.8m, 91.5-92m and 94.8m). Garnet phenocrysts observed around 40m and from 78-94m (around 92m garnet up to modal % of 3%).
127.02	180.63	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Rhyolite (>720 Zr/TiO2). This unit is a felsic to intermediate unit (Dacitic to Rhyolitic compositions) with Zr/Ti ratios increasing significantly from the overlying unit (indicated in XRF gun). As in the surrounding units the hydrothermal alteration is generally moderate with biotite and chlorite being the main alteration minerals. To a lesser degree there is some serecitic and anthophyllite mineralization in the fine grained green grey unit. Rare quartz rip-ups can be seen entrained in the volcanic unit. Sulphides are present in trace quantities (locally 3% over a few cms) as disseminated and very small blebby textures. The upper and lower contacts are gradational. Anthophyllite seen in moderate intensity around 176.53-179.68m. From 151-154m ductile deformation features are seen in the foliation and crenulated cleveage.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
451639	19.10	19.30	0.20	0.01	0.02	0.08	
451640	24.68	24.88	0.20	0.00	0.01	0.03	
842519	27.28	28.46	1.18	0.00	0.00	0.15	0.00
451641	38.03	38.21	0.18	0.00	0.02	0.03	
451642	64.06	64.29	0.23	0.00	0.03	0.03	
842521	65.50	66.50	1.00	0.01	0.04	0.80	0.00
842522	66.50	67.00	0.50	0.04	0.04	1.00	0.00
842524	67.00	68.00	1.00	0.01	0.04	0.40	0.00
842525	68.00	69.00	1.00	0.01	0.03	0.40	0.00
842526	69.00	70.00	1.00	0.01	0.03	0.40	0.00
842527	70.00	71.00	1.00	0.01	0.03	0.70	0.00
842528	71.00	72.00	1.00	0.01	0.03	0.50	0.00
842529	76.00	77.00	1.00	0.01	0.03	0.50	0.00
842531	77.00	78.00	1.00	0.00	0.03	0.40	0.00
842532	78.00	79.00	1.00	0.00	0.04	0.15	0.00
842533	79.00	80.00	1.00	0.00	0.05	0.15	0.00
842534	80.00	81.00	1.00	0.00	0.04	0.60	0.00
842535	81.00	82.00	1.00	0.00	0.06	0.70	0.00
842536	82.00	83.00	1.00	0.00	0.04	0.80	0.00
842537	83.00	84.00	1.00	0.01	0.02	0.70	0.00
842538	84.00	85.00	1.00	0.01	0.03	0.90	0.00
842539	85.00	86.00	1.00	0.01	0.02	0.60	0.00
842540	86.00	87.00	1.00	0.01	0.02	0.60	0.00
842541	86.00	88.00	2.00	0.01	0.02	0.60	0.00
842543	88.00	89.00	1.00	0.01	0.03	0.70	0.00
842544	89.00	90.00	1.00	0.01	0.02	0.60	0.00
842545	107.65	108.50	0.85	0.01	0.11	1.00	0.00
842546	108.50	109.50	1.00	0.01	0.06	1.00	0.00
451643	128.00	128.20	0.20	0.00	0.02	0.03	
451644	139.00	139.20	0.20	0.00	0.01	0.03	

DETAILED LOG

Hole Number: **BP11-CU03**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
180.63	207.97	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Andesite (200 to 400 Zr/TiO2). Intermediate to felsic volcanic unit identified through the use of the XRF gun. The unit is green to grey coloured and a moderately foliated unit. The unit is relatively devoid of magnetic minerals and there is a trace amount of sulphide (disseminated pyrite). This unit contains some relatively high amounts of anthophyllite alteration. Numerous randomly located quartz, feldspar and carbonate veins and veinlets run subparallel to the foliation. Garnet phenocrysts observed around 180.63-181.47m, 201.7-204m (up to modal % of 3%). The moderately foliated unit is not consisent in angle, wavy foliation. The unit is cherty in areas and becomes more silicified towards the bottom of the interval. The lower contact is gradational over a few cms.	451645	194.04	194.24	0.20	0.00	0.01	0.03	
207.97	249.30	**V1a, Volcanic Felsic rhyodacite - massive** Rhyolite (>720 Zr/TiO2). This unit has a moderate to high amount of biotite alteration occurring and is pervasive throughout the volcanic unit. The unit has a grey to light green colour and is moderate to well foliated. Sulphides are disseminated in trace quantities with a low amount of magnetite detected in sporadic zones. Local concentrations of sulphide can get up to 1-2% (over a few cm). Garnet seen at 220.9m and 247.6m. The lower contact is tough to see and is gradational. Numerous blocky sections occur from the top to the bottom of the interval and there are the occasional irregular quartz/feldspar veins occurring sub parallel to the foliation.	451646	226.88	227.12	0.24	0.00	0.01	0.03	
249.30	265.40	**V1a, Volcanic Felsic rhyodacite - massive** Dark grey, aphanitic, very hard and siliceous, well flow-banded dacite with local flow-top breccia. Black felsic marker unit. Flow banding is crenulated. Largely unaltered, except for minor chlorite alt. Alteration increases downhole, Minor py and magnetite	451647	255.00	255.22	0.22	0.01	0.01	0.05	
			842547	262.50	264.00	1.50	0.00	0.01	0.40	0.00
			842548	264.00	265.50	1.50	0.00	0.01	0.60	0.00

Hole Number: **BP11-CU03**

Units: METRIC

Detailed Lithology

From	To	Lithology
265.40	339.00	**V1a, Volcanic Felsic rhyodacite - massive** Rhyolite (>720 Zr/TiO2). This unit has a moderate to high amount of biotite alteration occurring and is pervasive throughout the volcanic unit. The chlorite and serecite alteration is more localized and is low in intensity The unit has a grey to light green colour and is moderate foliated. Sulphides are pervasive throughout the upper 55m of the interval, along with a relatively high amount of magnetite throughout. A high amount of magnetite is seen at 292-300m (semi-massive). Sulphide concentrations vary from blebby and stringer zones (5-10%) up to 1-2 m wide massive sulphide zones. The lower contact between the sulphide bearing felsic volcanic and the non sulphide volcanic is gradational. Occasional irregular quartz/feldspar veins occurring sub parallel and cross cut the foliation and in massive sulphide zones contain mm-cm sized felsic ripups and clasts. Garnet phenocrysts are seen at 277-285m (in a sulphide stringer zone) and below the sulphide concentrated zone (below 316m). **MINOR INTERVALS:** **Minor Interval:** 266.95 - 267.08 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 267.33 - 268.24 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 273.60 - 273.83 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 290.54 - 290.76 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 291.13 - 292.44 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 299.60 - 299.78 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide) **Minor Interval:** 304.93 - 306.30 X6b, Mineralization Massive Cu-Zn sulfide Massive Sulphide (> 60% sulphide)

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
842549	265.50	266.74	1.24	0.05	0.06	1.40	0.00
842550	266.74	268.24	1.50	0.04	0.69	1.70	0.00
842551	268.24	269.60	1.36	0.03	0.18	1.10	0.00
842552	269.60	271.10	1.50	0.00	0.02	0.60	0.00
842553	271.10	272.60	1.50	0.01	0.02	0.80	0.00
842554	272.60	273.60	1.00	0.05	0.11	1.10	0.01
842555	273.60	275.00	1.40	0.11	1.37	3.00	0.00
842556	275.00	276.50	1.50	0.16	0.94	2.90	0.00
842557	276.50	278.00	1.50	0.03	0.15	0.90	0.00
842558	278.00	279.50	1.50	0.01	0.08	0.60	0.00
842559	279.50	281.00	1.50	0.02	0.06	0.80	0.00
842561	281.00	282.50	1.50	0.03	0.07	0.70	0.00
842562	282.50	284.00	1.50	0.04	0.07	0.70	0.00
842563	284.00	285.50	1.50	0.04	0.22	0.80	0.00
842564	285.50	287.00	1.50	0.11	0.14	1.30	0.00
842565	287.00	288.50	1.50	0.70	0.52	5.60	0.05
842566	288.50	290.00	1.50	0.34	0.08	2.90	0.01
842567	290.00	291.13	1.13	0.09	0.11	1.60	0.00
842568	291.13	292.70	1.57	0.54	0.38	5.00	0.02
842569	292.70	294.00	1.30	0.57	0.01	5.90	0.02
842571	294.00	295.50	1.50	0.56	0.01	4.00	0.02
842572	295.50	297.00	1.50	0.32	0.02	2.50	0.01
842573	297.00	298.32	1.32	0.18	0.03	1.60	0.01
842574	298.32	299.78	1.46	0.53	1.67	10.60	0.02
842575	299.78	300.93	1.15	0.21	0.24	5.90	0.01
842576	300.93	302.43	1.50	0.06	0.04	1.40	0.00
842577	302.43	303.65	1.22	0.48	0.70	4.20	0.01
842578	303.65	304.93	1.28	0.09	0.05	1.20	0.00
842579	304.93	306.43	1.50	0.12	7.06	15.10	0.01
842581	306.43	308.00	1.57	0.13	0.34	1.60	0.00
842583	308.00	309.50	1.50	0.09	0.05	1.10	0.00
842584	309.50	311.00	1.50	0.06	0.04	0.80	0.00
842585	311.00	312.50	1.50	0.05	0.13	1.10	0.00
842586	312.50	314.00	1.50	0.03	0.11	1.10	0.00
842587	314.00	315.00	1.00	0.01	0.03	0.90	0.00
842588	315.00	316.00	1.00	0.04	0.14	1.10	0.00
842589	316.00	317.50	1.50	0.01	0.02	0.40	0.00
842590	317.50	319.00	1.50	0.00	0.02	0.30	0.00
451648	331.80	332.00	0.20	0.00	0.02	0.05	

Hole Number: **BP11-CU03** Units: METRIC

Samples

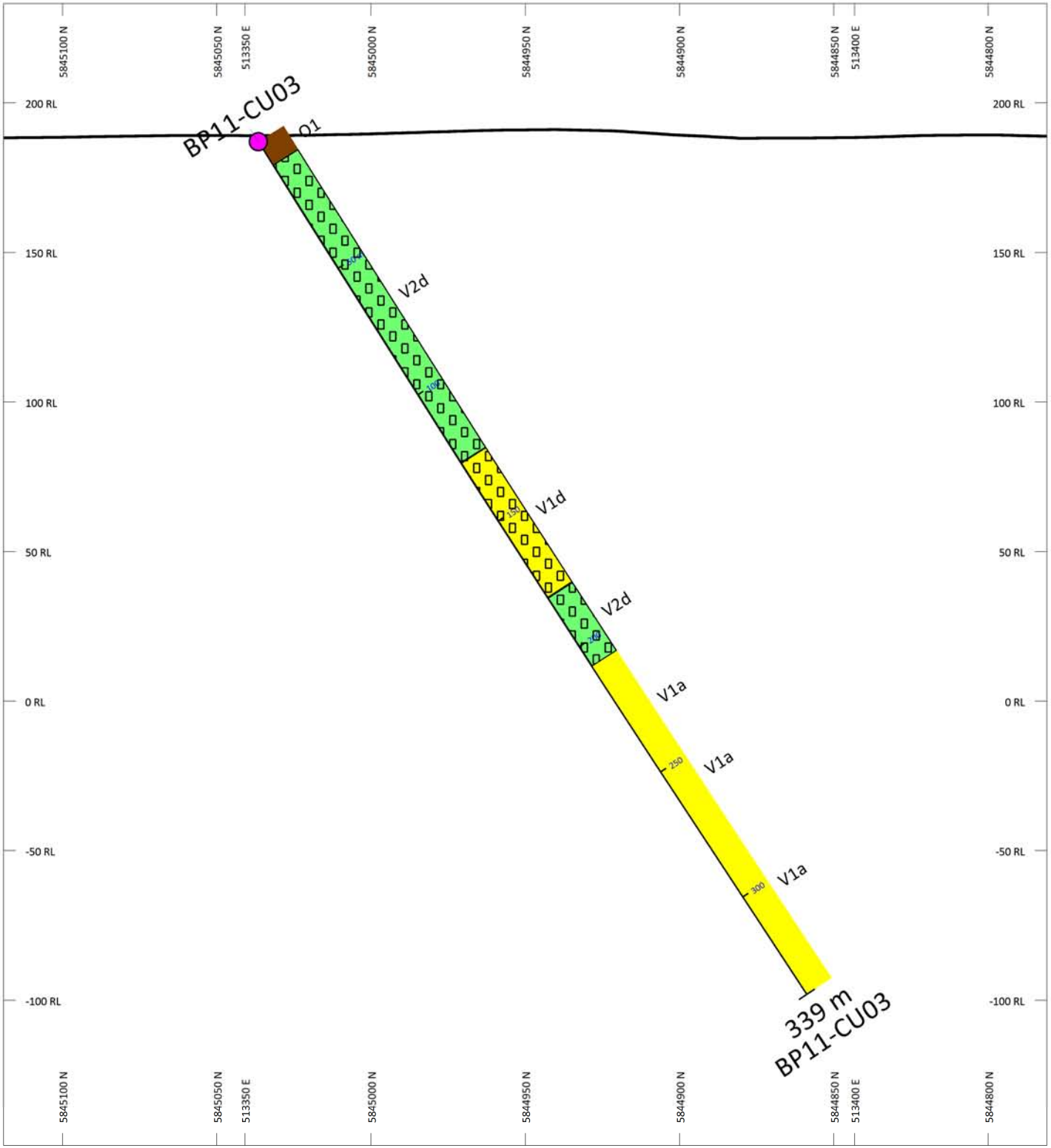
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451639	19.10	19.30	0.0060	0.0162	0.0800	
451640	24.68	24.88	0.0004	0.0113	0.0250	
842519	27.28	28.46	0.0010	0.0007	0.1500	0.0025
451641	38.03	38.21	0.0002	0.0195	0.0250	
451642	64.06	64.29	0.0004	0.0296	0.0250	
842521	65.50	66.50	0.0063	0.0392	0.8000	0.0025
842522	66.50	67.00	0.0404	0.0404	1.0000	0.0025
842524	67.00	68.00	0.0053	0.0399	0.4000	0.0025
842525	68.00	69.00	0.0067	0.0267	0.4000	0.0025
842526	69.00	70.00	0.0128	0.0269	0.4000	0.0025
842527	70.00	71.00	0.0091	0.0282	0.7000	0.0025
842528	71.00	72.00	0.0068	0.0279	0.5000	0.0025
842529	76.00	77.00	0.0078	0.0276	0.5000	0.0025
842531	77.00	78.00	0.0010	0.0315	0.4000	0.0025
842532	78.00	79.00	0.0004	0.0382	0.1500	0.0025
842533	79.00	80.00	0.0013	0.0513	0.1500	0.0025
842534	80.00	81.00	0.0045	0.0439	0.6000	0.0025
842535	81.00	82.00	0.0035	0.0649	0.7000	0.0025
842536	82.00	83.00	0.0041	0.0351	0.8000	0.0025
842537	83.00	84.00	0.0098	0.0242	0.7000	0.0025
842538	84.00	85.00	0.0134	0.0265	0.9000	0.0025
842539	85.00	86.00	0.0095	0.0155	0.6000	0.0025
842540	86.00	87.00	0.0068	0.0155	0.6000	0.0025
842541	86.00	88.00	0.0070	0.0242	0.6000	0.0025
842543	88.00	89.00	0.0081	0.0285	0.7000	0.0025
842544	89.00	90.00	0.0066	0.0245	0.6000	0.0025
842545	107.65	108.50	0.0134	0.1090	1.0000	0.0025
842546	108.50	109.50	0.0127	0.0561	1.0000	0.0025
451643	128.00	128.20	0.0021	0.0163	0.0250	
451644	139.00	139.20	0.0006	0.0094	0.0250	
451645	194.04	194.24	0.0005	0.0127	0.0250	
451646	226.88	227.12	0.0009	0.0093	0.0250	
451647	255.00	255.22	0.0053	0.0100	0.0500	
842547	262.50	264.00	0.0032	0.0136	0.4000	0.0025
842548	264.00	265.50	0.0042	0.0136	0.6000	0.0025
842549	265.50	266.74	0.0520	0.0575	1.4000	0.0025
842550	266.74	268.24	0.0398	0.6930	1.7000	0.0025
842551	268.24	269.60	0.0255	0.1750	1.1000	0.0025
842552	269.60	271.10	0.0022	0.0198	0.6000	0.0025

Hole Number: **BP11-CU03**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
842553	271.10	272.60	0.0072	0.0167	0.8000	0.0025
842554	272.60	273.60	0.0496	0.1120	1.1000	0.0050
842555	273.60	275.00	0.1090	1.3700	3.0000	0.0025
842556	275.00	276.50	0.1640	0.9400	2.9000	0.0025
842557	276.50	278.00	0.0252	0.1480	0.9000	0.0025
842558	278.00	279.50	0.0102	0.0818	0.6000	0.0025
842559	279.50	281.00	0.0246	0.0619	0.8000	0.0025
842561	281.00	282.50	0.0291	0.0702	0.7000	0.0025
842562	282.50	284.00	0.0403	0.0727	0.7000	0.0025
842563	284.00	285.50	0.0417	0.2180	0.8000	0.0025
842564	285.50	287.00	0.1130	0.1410	1.3000	0.0025
842565	287.00	288.50	0.6950	0.5210	5.6000	0.0510
842566	288.50	290.00	0.3380	0.0842	2.9000	0.0090
842567	290.00	291.13	0.0922	0.1050	1.6000	0.0025
842568	291.13	292.70	0.5350	0.3780	5.0000	0.0230
842569	292.70	294.00	0.5680	0.0123	5.9000	0.0240
842571	294.00	295.50	0.5550	0.0104	4.0000	0.0210
842572	295.50	297.00	0.3220	0.0172	2.5000	0.0100
842573	297.00	298.32	0.1820	0.0277	1.6000	0.0090
842574	298.32	299.78	0.5340	1.6700	10.6000	0.0150
842575	299.78	300.93	0.2100	0.2410	5.9000	0.0120
842576	300.93	302.43	0.0550	0.0396	1.4000	0.0025
842577	302.43	303.65	0.4770	0.7010	4.2000	0.0140
842578	303.65	304.93	0.0915	0.0513	1.2000	0.0025
842579	304.93	306.43	0.1150	7.0600	15.1000	0.0100
842581	306.43	308.00	0.1330	0.3360	1.6000	0.0025
842583	308.00	309.50	0.0861	0.0499	1.1000	0.0025
842584	309.50	311.00	0.0595	0.0358	0.8000	0.0025
842585	311.00	312.50	0.0481	0.1260	1.1000	0.0025
842586	312.50	314.00	0.0338	0.1060	1.1000	0.0025
842587	314.00	315.00	0.0099	0.0267	0.9000	0.0025
842588	315.00	316.00	0.0411	0.1380	1.1000	0.0025
842589	316.00	317.50	0.0058	0.0235	0.4000	0.0025
842590	317.50	319.00	0.0036	0.0159	0.3000	0.0025
451648	331.80	332.00	0.0010	0.0155	0.0500	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Overburden
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate lapilli tuff

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513373 m	5844950 m
EXTENTS	348.8 m	381.8 m
SECTION TOP, BOT	233.2 m	-148.6 m
TOLERANCE +/-	25 m	

SCALE 1 : 2000

(m)

-20 0 20 40 60

NAD83 / UTM zone 16N

AZIMUTH = 165.8°

N W E S

Butler Property

Cross-Section

Butler 3

BP11-CU03

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP12-CU12**	Units: Metric

Cover Page

Project Name:	Butler Butler 3	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2012 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513501 5844818 187	Collar Azimuth: Collar Dip: Final Depth (m):	285 -50 194	Mining Claim(s) / Provincial Cell Grid(s): Township:	253631 (43D15C392), 345255 (43D15C393) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 13.87	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Craig Hunt Cyr Drilling 7-Jul-2012 9-Jul-2012

ReLog Notes	The drill hole collars into felsic/intermediate volcanic. Unit appears massive with minor quartz phenocrysts and quartz filled amygdules and trace aluminosilicates throughout. Unit contains an interval of coarse fragmental at 56m with fine laminated metasediments/volcaniclastic tuffs and amygdaloidal units within. Fine convolute/folded bedding is observed with garnet occurring throughout. From 89m a sulfide zone occurs as replacement. Disseminated to blebby pyrite and pyrrhotite with strong sericite alteration and moderate Na-depletion. At 125m a felsic/intermediate amygdaloidal rich interval is observed with limited sericite alteration. At 134m a finely laminated garnet bearing tuff is observed and at 138m is the start of an exhalative horizon. Sulfide transitions from massive at the top grading down into disseminated to blebby granular replacement textures to 151.5m, sulfide continues below but appears as more disseminated-banded texture. At 165.4m a sharp end to the sulfide mineralization occurs with weak to moderate alteration of intermediate to felsic volcanic to end of drill hole. The interpretation is that the hole was collared into hanging wall stratigraphy to Butler 3, extends down through the Butler 3 exhalative horizon. Well-developed exhalative horizon with Na-depleted footwall.

DETAILED LOG

Hole Number: **BP12-CU12**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-50.00
Project Number:	Butler	North:	5844818.00	North:	5844818.00	Collar Az:	285.00
Location:		East:	513501.00	East:	513501.00	Length:	194.00
		Elev:	187.00	Elev:	187.00	Start Depth:	0.00
Date Started:	Jul 07, 2012	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 194.00
Date Completed:	Jul 09, 2012	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	285.00	-50.00	UK	OK	CH	**50.00**	286.10	-47.70	UK	OK	Taken by Simon
101.00	285.20	-45.90	UK	OK	Taken by Simon	**149.00**	292.70	-44.90	UK	OK	Taken by Simon
194.00	278.30	-44.30	UK	OK	Taken by Simon						

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	13.87	**O1, Overburden Unclassified** Overburden								
13.87	56.00	**V2a, Volcanic Intermediate andesite-massive** Intermediate/felsic massive volcanic. Unit appears massive with minor quartz phenocrysts and quartz filled amygdules and trace Al-silicates throughout	1304722	16.32	16.43	0.11	0.00	0.01	0.05	
			1304723	21.65	21.76	0.11	0.00	0.01	0.05	
			1304724	25.51	25.62	0.11	0.00	0.01	0.05	
			1304725	31.84	31.95	0.11	0.00	0.01	0.05	
			1304726	38.00	38.11	0.11	0.00	0.02	2.00	
			1304727	43.01	43.12	0.11	0.00	0.02	0.58	
			1304728	49.17	49.28	0.11	0.00	0.01	0.16	
			1304729	54.69	54.80	0.11	0.00	0.01	0.11	

Hole Number: **BP12-CU12**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
56.00	89.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Coarse fragmental with fine laminated metasediments/volcaniclastic tuffs and amygdaloidal units.Fine convolute/folded bedding is observed with garnet occurring throughout **MINOR INTERVALS:** **Minor Interval:** 78.67 - 81.83 I3d, Intrusive Mafic Mafic dyke Mafic dyke (fine grained Gabbro); appearance is pale to medium grey, massive fine grained with much less alteration than surrounding material. Contacts are irregular.	1304730	60.17	60.28	0.11	0.00	0.02	0.05	
			1304731	65.00	65.11	0.11	0.01	0.03	0.19	
			1303173	70.00	71.50	1.50	0.00	0.01	0.70	0.00
			1304732	71.00	71.11	0.11	0.00	0.01	0.05	
			1303174	71.50	73.00	1.50	0.00	0.01	0.70	0.00
			1303175	73.00	74.00	1.00	0.01	0.01	0.70	0.00
			1303176	74.00	75.00	1.00	0.01	0.02	0.60	0.00
			1303178	75.00	76.50	1.50	0.00	0.02	0.70	0.00
			1304733	75.38	75.49	0.11	0.00	0.02	0.05	
			1303179	76.50	78.00	1.50	0.00	0.02	0.70	0.00
			1303180	78.00	79.50	1.50	0.01	0.02	0.70	0.00
			1303181	79.50	81.00	1.50	0.00	0.02	0.60	0.00
			1304734	79.95	80.06	0.11	0.00	0.01	0.05	
			1303182	81.00	82.50	1.50	0.00	0.01	0.50	0.00
			1303183	82.50	84.00	1.50	0.00	0.01	0.70	0.00
			1303184	84.00	85.50	1.50	0.00	0.01	0.80	0.00
			1303186	85.50	87.00	1.50	0.00	0.02	0.70	0.00
			1304735	86.24	86.35	0.11	0.00	0.02	0.40	
			1303187	87.00	88.00	1.00	0.00	0.02	0.70	0.00
			1303188	88.00	89.30	1.30	0.04	0.05	0.90	0.00

Hole Number: **BP12-CU12**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
89.00	125.00	**X1, Mineralization Disseminated** Disseminated sulfide zone occurs as replacement. Disseminated to blebby pyrite and pyrrhotite with strong sericite alteration and moderate Na-depletion **MINOR INTERVALS:** **Minor Interval:** 89.42 - 90.29 V1a, Volcanic Felsic rhyodacite - massive Unit which exhibits a net textured, appearance with much of the interstitial material being comrpised mainly of Po. Upper and lower contacts (~44tca) are very distinct, however appear somewhat gradational whereby the sulphides exhibit a layering. Stringer material exists on the margins of this interval. **Minor Interval:** 121.03 - 122.91 V1a, Volcanic Felsic rhyodacite - massive Stringer zone, typically ~30tca, irregulalry shaped hairline to ~1cm wide stringers. Commonly exhibiting fracture filling, and segregation of each sulphide.	1303189	89.30	90.30	1.00	0.19	0.10	1.80	0.01
			1303190	90.30	91.00	0.70	0.23	0.03	1.90	0.01
			1303192	91.00	92.00	1.00	0.04	0.02	1.00	0.00
			1304736	92.00	92.11	0.11	0.01	0.02	0.05	
			1303193	92.00	93.50	1.50	0.02	0.02	0.80	0.00
			1303194	93.50	95.00	1.50	0.02	0.02	0.80	0.00
			1303195	95.00	96.50	1.50	0.01	0.02	0.70	0.00
			1303196	96.50	98.00	1.50	0.01	0.02	0.60	0.00
			1304737	97.79	97.90	0.11	0.01	0.02	0.05	
			1303197	98.00	99.50	1.50	0.04	0.02	0.70	0.00
			1303198	99.50	101.00	1.50	0.03	0.02	0.70	0.00
			1303199	101.00	102.50	1.50	0.02	0.02	0.60	0.00
			1303200	102.50	104.00	1.50	0.01	0.02	0.70	0.00
			1303201	104.00	105.50	1.50	0.00	0.02	0.50	0.00
			1303202	105.50	107.00	1.50	0.01	0.03	0.60	0.00
			1303203	107.00	108.50	1.50	0.01	0.04	0.80	0.00
			1303204	108.50	110.00	1.50	0.01	0.02	0.60	0.00
			1304738	108.51	108.62	0.11	0.00	0.02	0.05	
			1303205	110.00	111.50	1.50	0.00	0.02	0.60	0.00
			1303206	111.50	113.00	1.50	0.00	0.02	0.60	0.00
			1303207	113.00	114.50	1.50	0.00	0.01	0.90	0.00
			1304739	113.74	113.85	0.11	0.00	0.01	0.05	
			1303208	114.50	116.00	1.50	0.00	0.02	0.60	0.00
			1303209	116.00	117.50	1.50	0.00	0.02	0.70	0.00
			1303210	117.50	119.00	1.50	0.00	0.02	0.70	0.00
			1304740	119.00	119.11	0.11	0.00	0.01	0.05	
			1303211	119.00	120.50	1.50	0.01	0.02	0.80	0.00
			1303212	120.50	121.00	0.50	0.05	0.02	1.20	0.00
			1303213	121.00	122.00	1.00	0.36	0.41	2.30	0.01
			1303214	122.00	123.50	1.50	0.06	0.05	1.20	0.01
			1303215	123.50	125.00	1.50	0.05	0.02	1.40	0.00
125.00	134.00	**V1a, Volcanic Felsic rhyodacite - massive** Felsic/intermediate amygdaloidal rich interval is observed with limited sericite alteration	1304741	125.00	125.11	0.11	0.00	0.02	0.05	
			1303216	125.00	126.50	1.50	0.00	0.02	0.70	0.00
			1303217	126.50	128.00	1.50	0.00	0.02	0.80	0.00
			1303218	128.00	129.50	1.50	0.00	0.02	0.80	0.00
			1303219	129.50	131.00	1.50	0.00	0.01	0.70	0.00
			1304742	130.44	130.55	0.11	0.00	0.02	0.05	
			1303221	131.00	132.50	1.50	0.00	0.01	0.70	0.00
			1303222	132.50	134.00	1.50	0.00	0.01	0.50	0.00
134.00	138.00	**V2e, Volcanic Intermediate andesite- breccia insitu** Finely laminated garnet bearing intermediate tuff	1303223	134.00	135.50	1.50	0.00	0.01	0.70	0.00
			1303224	135.50	137.00	1.50	0.00	0.01	0.70	0.00
			1304743	136.06	136.17	0.11	0.00	0.01	0.05	
			1303225	137.00	138.00	1.00	0.01	0.02	0.80	0.00

Hole Number: **BP12-CU12** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
138.00	165.40	**X, Mineralization** Main Butler 3 exhalative. Sulfide transitions from massive at the top grading down into disseminated to blebby granular replacement textures to 151.5m, sulfide continues below but appears as more disseminated-banded texture **MINOR INTERVALS:** **Minor Interval:** 138.23 - 138.71 V1a, Volcanic Felsic rhyodacite - massive Semi-massive zone of net textured sulphide material. Host rock rhyolitic compositionally. Upper and lower contact gradationally banded ~44tca. **Minor Interval:** 140.87 - 141.68 X6b, Mineralization Massive Cu-Zn sulfide Massive sulphide, predoimantly Py. Contacts irregular and appear to be compositionally banded to cumulate textured, typically ~34tca. **Minor Interval:** 141.68 - 144.86 V1a, Volcanic Felsic rhyodacite - massive Stringer zone, typically ~30tca, irregulalry shaped hairline to ~1cm wide stringers. Commonly exhibiting fracture filling, and segregation of each sulphide. **Minor Interval:** 144.86 - 149.84 V1a, Volcanic Felsic rhyodacite - massive Semi-massive zone of net textured sulphide material. Host rock rhyolitic compositionally. Upper and lower contact gradationally banded ~42tca. Sulphide zone primarily Py rich, with Cpy stringer material and fracture fill. **Minor Interval:** 149.84 - 163.13 V1a, Volcanic Felsic rhyodacite - massive Semi-massive zone of net textured sulphide material. Host rock rhyolitic compositionally. Upper and lower contact gradationally banded ~44tca. zone is primarily ZnS rich, with abundant Py and lesser Po, Mag.	1303226	138.00	139.00	1.00	0.20	0.20	1.90	0.01
			1303227	139.00	140.00	1.00	0.22	0.14	1.70	0.01
			1303228	140.00	140.80	0.80	0.11	0.16	1.40	0.00
			1304744	140.28	140.39	0.11	0.08	0.13	0.32	
			1303229	140.80	141.80	1.00	0.08	0.02	0.90	0.01
			1303231	141.80	143.00	1.20	1.67	0.05	6.40	0.06
			1303232	143.00	144.00	1.00	0.24	0.01	2.70	0.01
			1303233	144.00	145.00	1.00	0.11	0.01	1.20	0.01
			1303234	145.00	146.20	1.20	0.35	0.01	1.90	0.01
			1303235	146.20	147.60	1.40	0.20	0.01	1.40	0.01
			1303236	147.60	149.00	1.40	0.32	0.01	1.90	0.01
			1303237	149.00	150.00	1.00	0.54	0.02	2.30	0.01
			1303238	150.00	151.00	1.00	0.16	0.04	1.60	0.01
			1303239	151.00	152.00	1.00	0.34	0.09	2.50	0.02
			1303241	152.00	153.00	1.00	0.50	0.20	3.50	0.02
			1303242	153.00	154.00	1.00	0.11	0.05	1.50	0.00
			1303243	154.00	155.00	1.00	0.27	1.28	2.40	0.02
			1303245	155.00	156.00	1.00	0.22	0.59	2.20	0.01
			1303246	156.00	157.00	1.00	0.44	0.60	4.30	0.03
			1303247	157.00	158.00	1.00	0.69	1.56	7.90	0.03
			1303248	158.00	159.00	1.00	0.10	3.05	2.00	0.01
			1303249	159.00	160.00	1.00	0.08	1.33	1.70	0.01
			1304745	159.74	159.85	0.11	0.00	0.02	0.05	
			1303250	160.00	161.00	1.00	0.13	0.69	2.10	0.01
			1303251	161.00	162.00	1.00	0.46	1.07	3.80	0.02
			1303252	162.00	163.30	1.30	0.27	1.40	3.50	0.02
			1303253	163.30	165.00	1.70	0.02	0.02	0.80	0.00
			1303254	165.00	166.50	1.50	0.00	0.01	0.60	0.00
165.40	194.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Intermediate to felsic volcanic with weak to moderate alteration	1303255	166.50	168.00	1.50	0.00	0.06	1.10	0.00
			1304746	167.00	167.11	0.11	0.00	0.02	0.09	
			1303256	168.00	169.50	1.50	0.00	0.27	0.80	0.00
			1303257	169.50	171.00	1.50	0.00	0.18	1.00	0.00
			1304747	172.71	172.82	0.11	0.00	0.03	0.14	
			1304748	179.52	179.63	0.11	0.00	0.01	0.05	
			1304749	183.22	183.33	0.11	0.01	0.02	0.05	
			1304750	188.65	188.76	0.11	0.01	0.03	0.10	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304722	16.32	16.43	0.0007	0.0123	0.0500	
1304723	21.65	21.76	0.0013	0.0097	0.0500	

Hole Number: **BP12-CU12**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304724	25.51	25.62	0.0014	0.0095	0.0500	
1304725	31.84	31.95	0.0003	0.0128	0.0500	
1304726	38.00	38.11	0.0002	0.0222	2.0000	
1304727	43.01	43.12	0.0009	0.0157	0.5800	
1304728	49.17	49.28	0.0025	0.0120	0.1600	
1304729	54.69	54.80	0.0001	0.0125	0.1100	
1304730	60.17	60.28	0.0005	0.0185	0.0500	
1304731	65.00	65.11	0.0095	0.0277	0.1900	
1303173	70.00	71.50	0.0012	0.0121	0.7000	0.0020
1304732	71.00	71.11	0.0016	0.0130	0.0500	
1303174	71.50	73.00	0.0009	0.0122	0.7000	0.0020
1303175	73.00	74.00	0.0050	0.0121	0.7000	0.0040
1303176	74.00	75.00	0.0056	0.0168	0.6000	0.0020
1303178	75.00	76.50	0.0043	0.0172	0.7000	0.0020
1304733	75.38	75.49	0.0031	0.0152	0.0500	
1303179	76.50	78.00	0.0029	0.0165	0.7000	0.0020
1303180	78.00	79.50	0.0073	0.0194	0.7000	0.0020
1303181	79.50	81.00	0.0022	0.0160	0.6000	0.0020
1304734	79.95	80.06	0.0021	0.0110	0.0500	
1303182	81.00	82.50	0.0021	0.0121	0.5000	0.0020
1303183	82.50	84.00	0.0011	0.0105	0.7000	0.0020
1303184	84.00	85.50	0.0011	0.0125	0.8000	0.0020
1303186	85.50	87.00	0.0013	0.0167	0.7000	0.0020
1304735	86.24	86.35	0.0012	0.0215	0.4000	
1303187	87.00	88.00	0.0029	0.0168	0.7000	0.0020
1303188	88.00	89.30	0.0432	0.0502	0.9000	0.0020
1303189	89.30	90.30	0.1890	0.1040	1.8000	0.0070
1303190	90.30	91.00	0.2270	0.0314	1.9000	0.0050
1303192	91.00	92.00	0.0394	0.0187	1.0000	0.0030
1304736	92.00	92.11	0.0062	0.0170	0.0500	
1303193	92.00	93.50	0.0221	0.0196	0.8000	0.0020
1303194	93.50	95.00	0.0229	0.0210	0.8000	0.0020
1303195	95.00	96.50	0.0106	0.0175	0.7000	0.0020
1303196	96.50	98.00	0.0147	0.0213	0.6000	0.0030
1304737	97.79	97.90	0.0062	0.0180	0.0500	
1303197	98.00	99.50	0.0437	0.0200	0.7000	0.0040
1303198	99.50	101.00	0.0349	0.0187	0.7000	0.0030
1303199	101.00	102.50	0.0241	0.0202	0.6000	0.0030
1303200	102.50	104.00	0.0100	0.0197	0.7000	0.0020

Hole Number: **BP12-CU12**

Units: METRIC

Samples

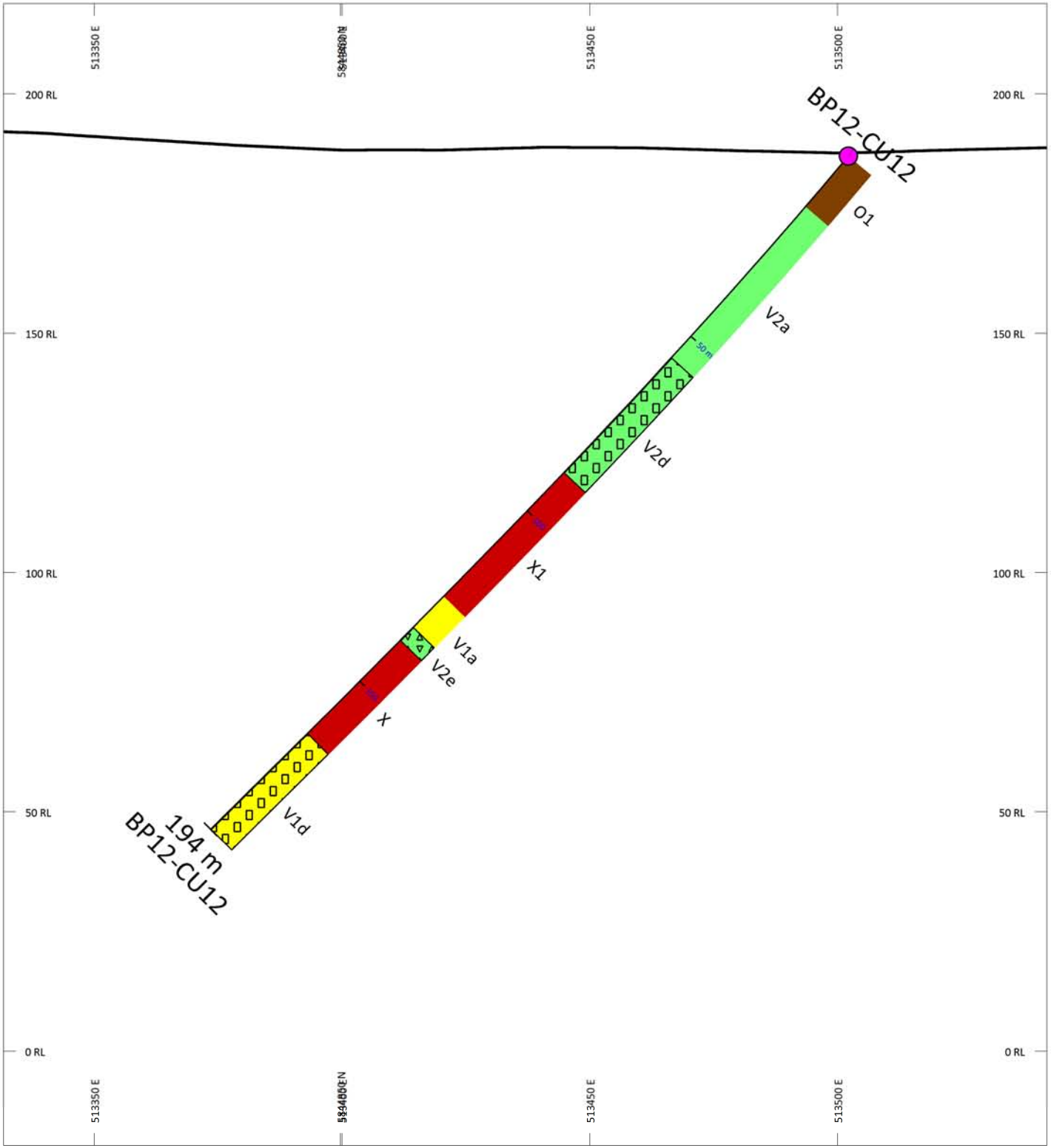
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303201	104.00	105.50	0.0022	0.0207	0.5000	0.0020
1303202	105.50	107.00	0.0070	0.0290	0.6000	0.0020
1303203	107.00	108.50	0.0136	0.0398	0.8000	0.0030
1303204	108.50	110.00	0.0073	0.0215	0.6000	0.0020
1304738	108.51	108.62	0.0033	0.0223	0.0500	
1303205	110.00	111.50	0.0028	0.0236	0.6000	0.0020
1303206	111.50	113.00	0.0019	0.0162	0.6000	0.0020
1303207	113.00	114.50	0.0044	0.0097	0.9000	0.0020
1304739	113.74	113.85	0.0013	0.0128	0.0500	
1303208	114.50	116.00	0.0023	0.0162	0.6000	0.0020
1303209	116.00	117.50	0.0022	0.0160	0.7000	0.0020
1303210	117.50	119.00	0.0031	0.0162	0.7000	0.0020
1304740	119.00	119.11	0.0022	0.0139	0.0500	
1303211	119.00	120.50	0.0130	0.0206	0.8000	0.0020
1303212	120.50	121.00	0.0509	0.0151	1.2000	0.0020
1303213	121.00	122.00	0.3610	0.4050	2.3000	0.0100
1303214	122.00	123.50	0.0623	0.0457	1.2000	0.0050
1303215	123.50	125.00	0.0470	0.0158	1.4000	0.0020
1304741	125.00	125.11	0.0031	0.0189	0.0500	
1303216	125.00	126.50	0.0034	0.0183	0.7000	0.0020
1303217	126.50	128.00	0.0046	0.0235	0.8000	0.0020
1303218	128.00	129.50	0.0011	0.0153	0.8000	0.0020
1303219	129.50	131.00	0.0008	0.0133	0.7000	0.0020
1304742	130.44	130.55	0.0006	0.0150	0.0500	
1303221	131.00	132.50	0.0019	0.0109	0.7000	0.0020
1303222	132.50	134.00	0.0018	0.0113	0.5000	0.0020
1303223	134.00	135.50	0.0018	0.0112	0.7000	0.0020
1303224	135.50	137.00	0.0020	0.0142	0.7000	0.0020
1304743	136.06	136.17	0.0014	0.0130	0.0500	
1303225	137.00	138.00	0.0100	0.0163	0.8000	0.0020
1303226	138.00	139.00	0.1960	0.2030	1.9000	0.0100
1303227	139.00	140.00	0.2160	0.1430	1.7000	0.0090
1303228	140.00	140.80	0.1070	0.1560	1.4000	0.0030
1304744	140.28	140.39	0.0756	0.1340	0.3200	
1303229	140.80	141.80	0.0804	0.0187	0.9000	0.0120
1303231	141.80	143.00	1.6700	0.0533	6.4000	0.0550
1303232	143.00	144.00	0.2400	0.0114	2.7000	0.0120
1303233	144.00	145.00	0.1130	0.0072	1.2000	0.0080
1303234	145.00	146.20	0.3500	0.0083	1.9000	0.0110

Hole Number: **BP12-CU12**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303235	146.20	147.60	0.2010	0.0063	1.4000	0.0070
1303236	147.60	149.00	0.3170	0.0115	1.9000	0.0090
1303237	149.00	150.00	0.5370	0.0167	2.3000	0.0140
1303238	150.00	151.00	0.1570	0.0423	1.6000	0.0090
1303239	151.00	152.00	0.3370	0.0904	2.5000	0.0150
1303241	152.00	153.00	0.4970	0.2030	3.5000	0.0210
1303242	153.00	154.00	0.1140	0.0480	1.5000	0.0040
1303243	154.00	155.00	0.2700	1.2800	2.4000	0.0160
1303245	155.00	156.00	0.2220	0.5890	2.2000	0.0130
1303246	156.00	157.00	0.4360	0.5950	4.3000	0.0290
1303247	157.00	158.00	0.6880	1.5600	7.9000	0.0270
1303248	158.00	159.00	0.1020	3.0500	2.0000	0.0120
1303249	159.00	160.00	0.0794	1.3300	1.7000	0.0050
1304745	159.74	159.85	0.0037	0.0175	0.0500	
1303250	160.00	161.00	0.1330	0.6930	2.1000	0.0070
1303251	161.00	162.00	0.4640	1.0700	3.8000	0.0170
1303252	162.00	163.30	0.2650	1.4000	3.5000	0.0150
1303253	163.30	165.00	0.0174	0.0230	0.8000	0.0020
1303254	165.00	166.50	0.0009	0.0149	0.6000	0.0020
1303255	166.50	168.00	0.0020	0.0565	1.1000	0.0020
1304746	167.00	167.11	0.0023	0.0202	0.0900	
1303256	168.00	169.50	0.0015	0.2650	0.8000	0.0020
1303257	169.50	171.00	0.0012	0.1750	1.0000	0.0020
1304747	172.71	172.82	0.0016	0.0265	0.1400	
1304748	179.52	179.63	0.0010	0.0105	0.0500	
1304749	183.22	183.33	0.0092	0.0150	0.0500	
1304750	188.65	188.76	0.0050	0.0285	0.1000	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Intermediate lapilli tuff
		Intermediate ash tuff
		Sulfides
		Disseminated sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513437 m	5844840 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	218.9 m	-19.76 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 105°

N W E S

Butler Property

Cross-Section

Butler 3

BP12-CU12

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP13-CU20**	Units: Metric

Cover Page

Project Name:	Butler Butler 3	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2013 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513641 5844616 201	Collar Azimuth: Collar Dip: Final Depth (m):	300 -60 395	Mining Claim(s) / Provincial Cell Grid(s): Township:	253631 (43D15C392), 345255 (43D15C393) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 10.98	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Craig Hunt Cyr Drilling 8-Mar-2013 12-Mar-2013

ReLog Notes	The drill hole collars in massive felsic volcanics to a depth of ~60m where it grades into an intermediate volcaniclastic tuff intruded/interbedded with a ferrogabbro with a basal contact at 129m. Starting at 129m is a massive intermediate volcanic that is chlorite altered with minor biotite. A narrow interval with facies change occurs between 140-143m with interflow metasediments/volcaniclastics observed with strong foliation and disseminated and stringer sulfides (anomalous Cu assays). Extending below 143m is an intermediate volcanic ranging from massive to flow top brecciated. From 195m to 204m mafic flow/gabbro intrusion (possibly ferrogabbro) is observed. From 204-259.8m is an intermediate volcaniclastic unit (feldspar and quartz phenocrysts) with sericite alteration between 242-247m. At 259.8m the rocks become dark in colour (possibly mafic) volcanic/volcaniclastic and continue to a depth of 287.3m where an intermediate volcaniclastic tuff is intersected until the end of the hole. The intermediate volcaniclastic is strongly deformed, with convolute quartz pods. This unit is quartz and carbonate altered at the contact and contains disseminated magnetite and trace garnet. Trace disseminated sulfide occurs below the contact, possibly defining an exhalative horizon. The drill hole ends in sericite and chlorite altered volcaniclastics that are all Na depleted, with strong silicification, minor garnet and disseminated sulfide at ~350m. The interpretation is that the hole was collared in the hangingwall stratigraphy to Butler 3 and extends down through weakly developed exhalative horizons with an Na-depleted footwall. The drill hole may end in the hangingwall to Butler 3 and appears not to have intersected the main exhalative horizon.

DETAILED LOG

Hole Number: **BP13-CU20**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-60.00
Project Number:	Butler	North:	5844616.00	North:	5844616.00	Collar Az:	300.00
Location:		East:	513641.00	East:	513641.00	Length:	395.00
		Elev:	201.00	Elev:	201.00	Start Depth:	0.00
Date Started:	Mar 08, 2013	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 395.00
Date Completed:	Mar 12, 2013	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	300.00	-60.00	UK	OK		**10.00**	304.32	-60.14	UK	OK	
20.00	304.72	-60.14	UK	OK		**30.00**	305.13	-60.12	UK	OK	
40.00	305.55	-60.12	UK	OK		**50.00**	305.96	-60.14	UK	OK	
60.00	306.38	-60.12	UK	OK		**70.00**	306.79	-60.09	UK	OK	
80.00	307.21	-60.11	UK	OK		**90.00**	307.61	-60.19	UK	OK	
100.00	308.02	-60.20	UK	OK		**110.00**	308.42	-60.15	UK	OK	
120.00	308.81	-60.19	UK	OK		**130.00**	309.19	-60.24	UK	OK	
140.00	309.56	-60.29	UK	OK		**150.00**	309.92	-60.50	UK	OK	
160.00	310.26	-60.66	UK	OK		**170.00**	310.58	-60.60	UK	OK	
180.00	310.87	-60.50	UK	OK		**190.00**	311.12	-60.37	UK	OK	
200.00	311.32	-60.20	UK	OK		**210.00**	311.47	-60.03	UK	OK	
220.00	311.56	-59.88	UK	OK		**230.00**	311.59	-59.69	UK	OK	
240.00	311.57	-59.52	UK	OK		**250.00**	311.50	-59.44	UK	OK	
260.00	311.40	-59.32	UK	OK		**270.00**	311.28	-59.19	UK	OK	
280.00	311.16	-58.93	UK	OK		**290.00**	311.07	-58.54	UK	OK	
300.00	311.02	-58.31	UK	OK		**310.00**	310.97	-58.19	UK	OK	
320.00	310.92	-58.02	UK	OK		**330.00**	310.86	-57.83	UK	OK	
340.00	310.80	-57.59	UK	OK		**350.00**	310.73	-57.43	UK	OK	
360.00	310.66	-57.46	UK	OK		**370.00**	310.58	-57.55	UK	OK	
380.00	310.51	-57.53	UK	OK		**390.00**	310.43	-57.44	UK	OK	
391.00	310.39	-57.41	UK	OK							

Detailed Lithology

From	To	Lithology
0.00	10.98	**O1, Overburden Unclassified** Overburden

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
10.98	57.39	**V1a, Volcanic Felsic rhyodacite - massive** Massive felsic volcanic	1305406	11.00	11.70	0.70				0.00
			1305407	11.70	12.35	0.65				0.00
			1305408	12.35	13.40	1.05				0.00
			1305409	13.40	14.00	0.60				0.00
			1305410	14.00	14.75	0.75				0.00
			1305411	14.75	15.30	0.55				0.00
			1303798	15.14	15.19	0.05	0.00	0.01	0.47	
			1305412	15.30	15.95	0.65				0.00
			1305413	15.95	16.95	1.00				0.00
			1305414	16.95	17.60	0.65				0.00
			1305416	17.60	18.45	0.85				0.00
			1305417	18.45	19.50	1.05				0.00
			1305418	19.50	20.00	0.50				0.00
			1303799	19.52	19.57	0.05	0.00	0.00	0.45	
			1305419	20.00	20.90	0.90				0.00
			1305420	20.90	21.65	0.75				0.00
			1305421	21.65	22.15	0.50				0.00
			1305422	22.15	22.65	0.50				0.00
			1305424	22.65	23.20	0.55				0.00
			1305425	23.20	23.70	0.50				0.00
			1305426	23.70	24.65	0.95				0.00
			1305427	24.65	25.15	0.50				0.00
			1305428	25.15	25.65	0.50				0.00
			1305429	25.65	26.55	0.90				0.00
			1303800	25.78	25.83	0.05	0.00	0.00	0.49	
			1305430	26.55	27.05	0.50				0.00
			1305432	27.05	27.90	0.85				0.00
			1305433	27.90	28.55	0.65				0.00
			1305434	28.55	29.05	0.50				0.00
			1305435	29.05	30.00	0.95				0.00
			1305436	30.00	30.50	0.50				0.00
			1305437	30.50	31.00	0.50				0.00
			1305438	31.00	31.50	0.50				0.00
			1303801	31.22	31.27	0.05	0.01	0.00	0.58	
			1305439	31.50	32.00	0.50				0.00
			1305440	32.00	32.70	0.70				0.00
			1305441	32.70	33.60	0.90				0.00
			1305442	33.60	34.20	0.60				0.00
			1305443	34.20	34.80	0.60				0.00
			1305444	34.80	36.00	1.20				0.00
			1305445	36.00	37.00	1.00				0.00
			1303802	36.83	36.88	0.05	0.00	0.01	0.46	
			1305446	37.00	38.00	1.00				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			1305447	38.00	39.50	1.50				0.00
			1305449	39.50	40.40	0.90				0.00
			1305450	40.40	41.10	0.70				0.00
			1303803	40.42	40.47	0.05	0.00	0.00	0.29	
			1305451	41.10	42.45	1.35				0.00
			1305452	42.45	43.85	1.40				0.00
			1305453	43.85	45.35	1.50				0.00
			1305454	45.35	46.70	1.35				0.00
			1303804	45.70	45.75	0.05	0.01	0.00	0.46	
			1305455	46.70	48.00	1.30				0.00
			1305456	48.00	49.00	1.00				0.00
			1305457	49.00	49.80	0.80				0.00
			1305458	49.80	50.30	0.50				0.00
			1305459	50.30	50.80	0.50				0.00
			1303805	50.54	50.59	0.05	0.00	0.00	0.54	
			1305460	50.80	51.50	0.70				0.00
			1305461	51.50	53.00	1.50				0.00
			1305463	53.00	54.00	1.00				0.00
			1305464	54.00	55.20	1.20				0.00
			1305465	55.20	55.70	0.50				0.00
			1303806	55.44	55.49	0.05	0.00	0.00	0.50	
			1305466	55.70	56.40	0.70				0.00
			1305468	56.40	57.40	1.00				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology

From	To	Lithology
57.39	93.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic tuff **MINOR INTERVALS:** **Minor Interval:** 70.24 - 71.38 V2, Volcanic Intermediate Icelandite; XRF details ~<100 ZrTiO2, >1% TiO2. Detailed by XRF Analysis. Apperance is homogenous, dark grey dry to black when wet, appears fresh, massive, unaltered. Lacks deformation. Moderate to strong magnetic. Aphanitic, with clearly evident fine grained crystals of amphibole and lesser plag?. Where clearest foliation of the amphibole grains follow the overall trend ~30tca. Both contacts intrusive; exhibiting chilled margin with intense chlroitic alteration. Lower contact ~42tca is slightly irregular/wavy. Uppe contact sharp @ 34tca.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
1305469	57.40	58.50	1.10				0.00
1305470	58.50	60.00	1.50				0.00
1305471	60.00	61.45	1.45				0.00
1303807	60.43	60.48	0.05	0.00	0.01	0.15	
1305472	61.45	62.45	1.00				0.00
1303808	62.00	62.05	0.05	0.01	0.01	0.22	
1305473	62.45	63.95	1.50				0.00
1305474	63.95	65.25	1.30				0.00
1305475	65.25	66.10	0.85				0.00
1303809	65.83	65.88	0.05	0.00	0.00	0.40	
1305476	66.10	67.60	1.50				0.00
1305477	67.60	69.10	1.50				0.00
1305478	69.10	70.25	1.15				0.00
1305479	70.25	71.40	1.15				0.00
1303810	70.54	70.59	0.05	0.02	0.01	0.10	
1305480	71.40	72.90	1.50				0.00
1305482	72.90	74.35	1.45				0.00
1305483	74.35	74.90	0.55				0.00
1305484	74.90	75.40	0.50				0.00
1305485	75.40	75.90	0.50				0.00
1303811	75.61	75.66	0.05	0.00	0.00	0.08	
1305486	75.90	77.00	1.10				0.00
1305487	77.00	79.00	2.00				0.00
1305488	79.00	81.00	2.00				0.00
1303812	79.89	79.94	0.05	0.00	0.01	1.15	
1305489	81.00	83.00	2.00				0.00
1305490	83.00	84.20	1.20				0.00
1305492	84.20	85.20	1.00				0.00
1305493	85.20	86.70	1.50				0.00
1303813	85.24	85.29	0.05	0.00	0.01	0.20	
1305494	86.70	87.45	0.75				0.00
1305495	87.45	89.45	2.00				0.00
1305496	89.45	90.85	1.40				0.00
1305497	90.85	92.00	1.15				0.00
1303814	91.00	91.05	0.05	0.00	0.01	0.25	
1303401	92.00	93.50	1.50	0.01	0.01	0.30	0.01
1305498	92.00	95.00	3.00				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
93.00	129.00	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro or Fe-enriched metasedimentary rocks?	1303402	93.50	95.35	1.85	0.06	0.01	0.30	0.01
			1305499	95.00	97.75	2.75				0.00
			1303403	95.35	95.71	0.36	0.01	0.01	0.30	0.01
			1303404	95.71	97.00	1.29	0.00	0.01	0.30	0.01
			1303405	97.00	98.50	1.50	0.00	0.01	0.30	0.01
			1305500	97.75	100.40	2.65				0.00
			1303406	98.50	99.50	1.00	0.00	0.01	0.30	0.01
			1303407	99.50	100.46	0.96	0.00	0.01	0.30	0.01
			1304051	100.40	104.00	3.60				0.00
			1303408	100.46	101.61	1.15	0.06	0.01	0.30	0.01
			1303409	101.61	102.72	1.11	0.00	0.01	0.30	0.01
			1303410	102.72	104.00	1.28	0.03	0.01	0.30	0.01
			1303411	104.00	105.50	1.50	0.01	0.01	0.30	0.01
			1304052	104.00	108.00	4.00				0.00
			1303412	105.50	106.40	0.90	0.01	0.01	0.30	0.01
			1303413	106.40	107.50	1.10	0.05	0.01	0.30	0.01
			1303414	107.50	108.32	0.82	0.05	0.01	0.50	0.01
			1304053	108.00	111.00	3.00				0.00
			1303415	108.32	109.50	1.18	0.08	0.01	0.30	0.01
			1303416	109.50	111.00	1.50	0.04	0.01	0.30	0.01
			1304054	111.00	111.90	0.90				0.00
			1304055	111.90	112.60	0.70				0.00
			1304056	112.60	114.35	1.75				0.00
			1304058	114.35	116.00	1.65				0.00
			1304059	116.00	117.25	1.25				0.00
			1304060	117.25	118.75	1.50				0.00
			1303815	117.43	117.48	0.05	0.01	0.01	0.21	
			1304061	118.75	120.05	1.30				0.00
			1304062	120.05	121.05	1.00				0.00
			1304063	121.05	123.00	1.95				0.00
			1304064	123.00	126.00	3.00				0.00
			1303816	123.27	123.32	0.05	0.00	0.01	0.19	
			1304065	126.00	128.20	2.20				0.00
			1304066	128.20	128.70	0.50				0.00
			1303817	128.58	128.63	0.05	0.00	0.00	0.24	
			1304067	128.70	129.50	0.80				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
129.00	140.00	**V2a, Volcanic Intermediate andesite-massive** Massive intermediate volcanic, chlorite altered with minor biotite	1304068	129.50	131.00	1.50				0.00
			1304069	131.00	132.00	1.00				0.00
			1304070	132.00	133.00	1.00				0.00
			1304071	133.00	134.00	1.00				0.00
			1304072	134.00	135.00	1.00				0.00
			1303818	134.52	134.57	0.05	0.00	0.00	0.31	
			1304073	135.00	136.00	1.00				0.00
			1304074	136.00	137.00	1.00				0.00
			1304075	137.00	138.15	1.15				0.00
			1304077	138.15	139.40	1.25				0.00
			1303417	139.00	140.35	1.35	0.00	0.00	0.40	0.01
			1304078	139.40	140.40	1.00				0.00
140.00	143.00	**S3, Sedimentary Mafic** Exhalative unit. With interflow metasediments/volcaniclastics observed with strong foliation and disseminated and stringer sulfides with anomalous Cu assays	1303819	140.17	140.22	0.05	0.00	0.01	0.21	
			1303418	140.35	141.50	1.15	0.02	0.01	0.60	0.01
			1304079	140.40	141.55	1.15				0.00
			1303419	141.50	143.00	1.50	0.19	0.01	1.50	0.01
			1304080	141.55	143.00	1.45				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology

From	To	Lithology
143.00	195.00	**V2a, Volcanic Intermediate andesite-massive** Intermediate volcanic, massive to flow top brecciated **MINOR INTERVALS:** **Minor Interval:** 160.71 - 165.54 I3a, Intrusive Mafic Leucogabbro Minor intersection of the aforementioned mag gabbro unit.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
1303421	143.00	144.00	1.00	0.02	0.01	0.50	0.01
1304082	143.00	145.10	2.10				0.00
1303422	144.00	145.00	1.00	0.02	0.01	0.30	0.01
1303423	145.00	146.50	1.50	0.00	0.00	0.40	0.01
1304083	145.10	146.60	1.50				0.00
1303820	145.61	145.66	0.05	0.00	0.01	0.29	
1304084	146.60	147.80	1.20				0.00
1304085	147.80	148.75	0.95				0.00
1304086	148.75	150.60	1.85				0.00
1304087	150.60	152.00	1.40				0.00
1303821	150.77	150.82	0.05	0.00	0.00	0.25	
1304088	152.00	153.50	1.50				0.00
1304089	153.50	154.85	1.35				0.00
1304090	154.85	155.75	0.90				0.00
1303822	154.92	154.97	0.05	0.00	0.00	0.20	
1304091	155.75	156.35	0.60				0.00
1304092	156.35	158.35	2.00				0.00
1304094	158.35	160.10	1.75				0.00
1304095	160.10	160.65	0.55				0.00
1303823	160.32	160.37	0.05	0.01	0.01	0.27	
1304096	160.65	163.00	2.35				0.00
1304097	163.00	165.00	2.00				0.00
1304098	165.00	165.50	0.50				0.00
1303824	165.09	165.14	0.05	0.00	0.01	0.13	
1304099	165.50	168.00	2.50				0.00
1304100	168.00	170.00	2.00				0.00
1304101	170.00	170.60	0.60				0.00
1303825	170.44	170.49	0.05	0.00	0.00	0.26	
1304102	170.60	171.15	0.55				0.00
1304104	171.15	172.55	1.40				0.00
1304105	172.55	173.55	1.00				0.00
1304106	173.55	174.05	0.50				0.00
1304107	174.05	175.50	1.45				0.00
1304108	175.50	176.00	0.50				0.00
1303826	175.85	175.90	0.05	0.00	0.00	0.41	
1304109	176.00	177.15	1.15				0.00
1304110	177.15	177.95	0.80				0.00
1304111	177.95	179.40	1.45				0.00
1304113	179.40	181.00	1.60				0.00
1303827	180.43	180.48	0.05	0.00	0.01	0.12	
1304114	181.00	182.45	1.45				0.00
1304116	182.45	183.95	1.50				0.00
1304117	183.95	185.45	1.50				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			1304118	185.45	186.00	0.55				0.00
			1303828	185.58	185.63	0.05	0.00	0.01	0.09	
			1304119	186.00	187.00	1.00				0.00
			1304120	187.00	188.50	1.50				0.00
			1304121	188.50	189.75	1.25				0.00
			1303424	188.50	190.00	1.50	0.00	0.00	0.30	0.01
			1304122	189.75	192.75	3.00				0.00
			1303425	190.00	191.00	1.00	0.05	0.01	0.30	0.01
			1303426	191.00	192.00	1.00	0.04	0.01	0.30	0.01
			1303427	192.00	193.00	1.00	0.09	0.01	0.30	0.01
			1303428	193.00	194.50	1.50	0.03	0.01	0.40	0.01
			1303829	194.53	194.58	0.05	0.05	0.02	0.21	
195.00	204.00	**V3a, Volcanic Mafic basalt - massive**	1303830	199.96	200.01	0.05	0.01	0.01	0.10	
		Mafic flow or gabbro/ferrogabbro intrusion	1304123	202.45	204.45	2.00				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
204.00	259.80	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic (feldspar and quartz phenocrysts) with sericite alteration **MINOR INTERVALS:** **Minor Interval:** 227.42 - 227.62 Q1, Veining Quartz Bullish QV	1304124	204.45	206.00	1.55				0.00
			1303831	205.59	205.64	0.05	0.00	0.01	0.20	
			1304125	206.00	207.50	1.50				0.00
			1304127	207.50	208.30	0.80				0.00
			1304128	208.30	209.05	0.75				0.00
			1304129	209.05	209.55	0.50				0.00
			1304130	209.55	210.35	0.80				0.00
			1304131	210.35	210.85	0.50				0.00
			1303832	210.51	210.56	0.05	0.00	0.00	0.26	
			1304132	210.85	211.55	0.70				0.00
			1304133	211.55	212.50	0.95				0.00
			1304134	212.50	213.50	1.00				0.00
			1304135	213.50	214.00	0.50				0.00
			1304137	214.00	214.50	0.50				0.00
			1304138	214.50	215.00	0.50				0.00
			1304139	215.00	215.65	0.65				0.00
			1303833	215.15	215.20	0.05	0.01	0.02	0.21	
			1304140	215.65	216.75	1.10				0.00
			1304141	216.75	218.00	1.25				0.00
			1304142	218.00	219.00	1.00				0.00
			1304144	219.00	219.70	0.70				0.00
			1304145	219.70	220.70	1.00				0.00
			1304146	220.70	221.20	0.50				0.00
			1303834	220.91	220.96	0.05	0.00	0.00	0.24	
			1304147	221.20	221.75	0.55				0.00
			1304148	221.75	222.75	1.00				0.00
			1304149	222.75	224.00	1.25				0.00
			1304150	224.00	224.65	0.65				0.00
			1304151	224.65	225.60	0.95				0.00
			1304152	225.60	226.20	0.60				0.00
			1303835	225.90	225.95	0.05	0.00	0.01	0.19	
			1304153	226.20	227.20	1.00				0.00
			1304154	227.20	227.95	0.75				0.00
			1304156	227.95	228.65	0.70				0.00
			1304157	228.65	229.15	0.50				0.01
			1304158	229.15	230.50	1.35				0.00
			1304159	230.50	231.50	1.00				0.00
			1303836	231.07	231.12	0.05	0.00	0.01	0.21	
			1304160	231.50	232.50	1.00				0.00
			1304161	232.50	233.60	1.10				0.00
			1304162	233.60	234.50	0.90				0.00
			1304163	234.50	235.20	0.70				0.00
			1304164	235.20	235.80	0.60				0.00

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology			Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			1304165	235.80	236.45	0.65				0.00
			1303837	236.00	236.05	0.05	0.00	0.01	0.30	
			1304166	236.45	237.35	0.90				0.00
			1304168	237.35	238.85	1.50				0.00
			1304169	238.85	240.35	1.50				0.00
			1304170	240.35	241.40	1.05				0.00
			1304171	241.40	241.90	0.50				0.00
			1303838	241.49	241.54	0.05	0.00	0.01	0.27	
			1304172	241.90	243.30	1.40				0.00
			1304173	243.30	244.05	0.75				0.00
			1304174	244.05	245.50	1.45				0.00
			1304175	245.50	246.15	0.65				0.01
			1303839	245.87	245.92	0.05	0.01	0.01	0.27	
			1304176	246.15	247.15	1.00				0.00
			1304177	247.15	248.65	1.50				0.00
			1304179	248.65	249.15	0.50				0.00
			1304180	249.15	249.65	0.50				0.00
			1304181	249.65	250.15	0.50				0.00
			1304182	250.15	250.70	0.55				0.00
			1304183	250.70	251.20	0.50				0.00
			1303840	250.91	250.96	0.05	0.00	0.01	0.26	
			1304184	251.20	252.40	1.20				0.00
			1304185	252.40	253.40	1.00				0.00
			1304186	253.40	254.90	1.50				0.00
			1304187	254.90	256.05	1.15				0.00
			1304188	256.05	256.75	0.70				0.00
			1303841	256.28	256.33	0.05	0.00	0.03	0.17	
			1304189	256.75	258.25	1.50				0.00
			1304190	258.25	259.80	1.55				0.00
259.80	287.40	**V3d, Volcanic Mafic breccia - transported (volcaniclastic)** Mixed intermediate and mafic volcaniclastic **MINOR INTERVALS:** **Minor Interval:** 263.45 - 265.22 V2a, Volcanic Intermediate andesite-massive See major description	1304191	259.80	261.70	1.90				0.00
			1304192	261.70	262.70	1.00				0.00
			1303842	261.85	261.90	0.05	0.02	0.02	0.34	
			1304194	262.70	264.70	2.00				0.00
			1304195	264.70	266.00	1.30				0.00
			1303843	268.11	268.16	0.05	0.00	0.00	0.17	
			1303844	275.24	275.29	0.05	0.00	0.02	0.19	
			1303845	281.00	281.05	0.05	0.03	0.02	0.51	
			1303846	287.02	287.07	0.05	0.02	0.03	0.33	

Hole Number: **BP13-CU20**

Units: METRIC

Detailed Lithology

From	To	Lithology
287.40	395.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic tuff. Strongly deformed, with convolute quartz pods. Quartz and carbonate altered at contact, diss magnetite, trace garnet, trace diss sulfide occurring below contact (possibly defining an exhalative horizon). Sericite and chlorite altered are all Na depleted, with strong silicification, minor garnet and disseminated sulfide at ~350m

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
1303847	293.44	293.49	0.05	0.02	0.03	0.29	
1303848	299.00	299.05	0.05	0.00	0.03	0.15	
1303849	304.12	304.17	0.05	0.01	0.02	0.22	
1303850	309.03	309.08	0.05	0.00	0.03	0.19	
1303851	315.53	315.58	0.05	0.00	0.01	0.28	
1303852	320.21	320.26	0.05	0.02	0.02	0.25	
1303853	325.85	325.90	0.05	0.00	0.02	1.01	
1303854	331.56	331.61	0.05	0.00	0.01	0.33	
1303855	336.37	336.42	0.05	0.00	0.01	0.34	
1303856	340.28	340.33	0.05	0.00	0.05	0.56	
1303857	347.00	347.05	0.05	0.02	0.04	0.34	
1303858	352.80	352.85	0.05	0.04	0.05	0.46	
1303859	358.91	358.96	0.05	0.00	0.02	0.23	
1303860	364.15	364.20	0.05	0.00	0.02	0.26	
1303861	371.00	371.05	0.05	0.00	0.02	0.31	
1303862	376.83	376.88	0.05	0.01	0.02	0.35	
1303863	380.90	380.95	0.05	0.01	0.03	0.36	
1303864	386.00	386.05	0.05	0.00	0.02	0.27	
1303865	394.78	394.83	0.05	0.00	0.01	0.16	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1305406	11.00	11.70				0.0025
1305407	11.70	12.35				0.0025
1305408	12.35	13.40				0.0025
1305409	13.40	14.00				0.0025
1305410	14.00	14.75				0.0025
1305411	14.75	15.30				0.0025
1303798	15.14	15.19	0.0010	0.0050	0.4700	
1305412	15.30	15.95				0.0025
1305413	15.95	16.95				0.0025
1305414	16.95	17.60				0.0025
1305416	17.60	18.45				0.0025
1305417	18.45	19.50				0.0025
1305418	19.50	20.00				0.0025
1303799	19.52	19.57	0.0017	0.0027	0.4500	
1305419	20.00	20.90				0.0025
1305420	20.90	21.65				0.0025
1305421	21.65	22.15				0.0025
1305422	22.15	22.65				0.0025

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1305424	22.65	23.20				0.0025
1305425	23.20	23.70				0.0025
1305426	23.70	24.65				0.0025
1305427	24.65	25.15				0.0025
1305428	25.15	25.65				0.0025
1305429	25.65	26.55				0.0025
1303800	25.78	25.83	0.0022	0.0034	0.4900	
1305430	26.55	27.05				0.0025
1305432	27.05	27.90				0.0025
1305433	27.90	28.55				0.0025
1305434	28.55	29.05				0.0025
1305435	29.05	30.00				0.0025
1305436	30.00	30.50				0.0025
1305437	30.50	31.00				0.0025
1305438	31.00	31.50				0.0025
1303801	31.22	31.27	0.0113	0.0043	0.5800	
1305439	31.50	32.00				0.0025
1305440	32.00	32.70				0.0025
1305441	32.70	33.60				0.0025
1305442	33.60	34.20				0.0025
1305443	34.20	34.80				0.0025
1305444	34.80	36.00				0.0025
1305445	36.00	37.00				0.0025
1303802	36.83	36.88	0.0021	0.0051	0.4600	
1305446	37.00	38.00				0.0025
1305447	38.00	39.50				0.0025
1305449	39.50	40.40				0.0025
1305450	40.40	41.10				0.0025
1303803	40.42	40.47	0.0013	0.0019	0.2900	
1305451	41.10	42.45				0.0025
1305452	42.45	43.85				0.0025
1305453	43.85	45.35				0.0025
1305454	45.35	46.70				0.0025
1303804	45.70	45.75	0.0052	0.0045	0.4600	
1305455	46.70	48.00				0.0025
1305456	48.00	49.00				0.0025
1305457	49.00	49.80				0.0025
1305458	49.80	50.30				0.0025
1305459	50.30	50.80				0.0025

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303805	50.54	50.59	0.0016	0.0037	0.5400	
1305460	50.80	51.50				0.0025
1305461	51.50	53.00				0.0025
1305463	53.00	54.00				0.0025
1305464	54.00	55.20				0.0025
1305465	55.20	55.70				0.0025
1303806	55.44	55.49	0.0009	0.0028	0.5000	
1305466	55.70	56.40				0.0025
1305468	56.40	57.40				0.0025
1305469	57.40	58.50				0.0025
1305470	58.50	60.00				0.0025
1305471	60.00	61.45				0.0025
1303807	60.43	60.48	0.0003	0.0073	0.1500	
1305472	61.45	62.45				0.0025
1303808	62.00	62.05	0.0104	0.0098	0.2200	
1305473	62.45	63.95				0.0025
1305474	63.95	65.25				0.0025
1305475	65.25	66.10				0.0025
1303809	65.83	65.88	0.0005	0.0031	0.4000	
1305476	66.10	67.60				0.0025
1305477	67.60	69.10				0.0025
1305478	69.10	70.25				0.0025
1305479	70.25	71.40				0.0025
1303810	70.54	70.59	0.0189	0.0130	0.1000	
1305480	71.40	72.90				0.0025
1305482	72.90	74.35				0.0025
1305483	74.35	74.90				0.0025
1305484	74.90	75.40				0.0025
1305485	75.40	75.90				0.0025
1303811	75.61	75.66	0.0004	0.0042	0.0800	
1305486	75.90	77.00				0.0025
1305487	77.00	79.00				0.0025
1305488	79.00	81.00				0.0025
1303812	79.89	79.94	0.0001	0.0060	1.1500	
1305489	81.00	83.00				0.0025
1305490	83.00	84.20				0.0025
1305492	84.20	85.20				0.0025
1305493	85.20	86.70				0.0025
1303813	85.24	85.29	0.0002	0.0052	0.2000	

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1305494	86.70	87.45				0.0025
1305495	87.45	89.45				0.0025
1305496	89.45	90.85				0.0025
1305497	90.85	92.00				0.0025
1303814	91.00	91.05	0.0026	0.0105	0.2500	
1303401	92.00	93.50	0.0142	0.0076	0.3000	0.0050
1305498	92.00	95.00				0.0025
1303402	93.50	95.35	0.0572	0.0089	0.3000	0.0050
1305499	95.00	97.75				0.0025
1303403	95.35	95.71	0.0134	0.0100	0.3000	0.0050
1303404	95.71	97.00	0.0044	0.0089	0.3000	0.0050
1303405	97.00	98.50	0.0002	0.0098	0.3000	0.0050
1305500	97.75	100.40				0.0025
1303406	98.50	99.50	0.0002	0.0094	0.3000	0.0050
1303407	99.50	100.46	0.0007	0.0092	0.3000	0.0050
1304051	100.40	104.00				0.0025
1303408	100.46	101.61	0.0557	0.0087	0.3000	0.0050
1303409	101.61	102.72	0.0034	0.0076	0.3000	0.0050
1303410	102.72	104.00	0.0312	0.0112	0.3000	0.0050
1303411	104.00	105.50	0.0053	0.0083	0.3000	0.0050
1304052	104.00	108.00				0.0025
1303412	105.50	106.40	0.0074	0.0088	0.3000	0.0050
1303413	106.40	107.50	0.0471	0.0103	0.3000	0.0100
1303414	107.50	108.32	0.0493	0.0095	0.5000	0.0050
1304053	108.00	111.00				0.0025
1303415	108.32	109.50	0.0814	0.0093	0.3000	0.0050
1303416	109.50	111.00	0.0444	0.0075	0.3000	0.0050
1304054	111.00	111.90				0.0025
1304055	111.90	112.60				0.0025
1304056	112.60	114.35				0.0025
1304058	114.35	116.00				0.0025
1304059	116.00	117.25				0.0025
1304060	117.25	118.75				0.0025
1303815	117.43	117.48	0.0073	0.0081	0.2100	
1304061	118.75	120.05				0.0025
1304062	120.05	121.05				0.0025
1304063	121.05	123.00				0.0025
1304064	123.00	126.00				0.0025
1303816	123.27	123.32	0.0002	0.0098	0.1900	

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304065	126.00	128.20				0.0025
1304066	128.20	128.70				0.0025
1303817	128.58	128.63	0.0001	0.0047	0.2400	
1304067	128.70	129.50				0.0025
1304068	129.50	131.00				0.0025
1304069	131.00	132.00				0.0025
1304070	132.00	133.00				0.0025
1304071	133.00	134.00				0.0025
1304072	134.00	135.00				0.0025
1303818	134.52	134.57	0.0001	0.0033	0.3100	
1304073	135.00	136.00				0.0025
1304074	136.00	137.00				0.0025
1304075	137.00	138.15				0.0025
1304077	138.15	139.40				0.0025
1303417	139.00	140.35	0.0021	0.0039	0.4000	0.0050
1304078	139.40	140.40				0.0025
1303819	140.17	140.22	0.0002	0.0060	0.2100	
1303418	140.35	141.50	0.0160	0.0065	0.6000	0.0050
1304079	140.40	141.55				0.0025
1303419	141.50	143.00	0.1870	0.0078	1.5000	0.0050
1304080	141.55	143.00				0.0025
1303421	143.00	144.00	0.0172	0.0060	0.5000	0.0050
1304082	143.00	145.10				0.0025
1303422	144.00	145.00	0.0226	0.0056	0.3000	0.0050
1303423	145.00	146.50	0.0006	0.0037	0.4000	0.0050
1304083	145.10	146.60				0.0025
1303820	145.61	145.66	0.0008	0.0059	0.2900	
1304084	146.60	147.80				0.0025
1304085	147.80	148.75				0.0025
1304086	148.75	150.60				0.0025
1304087	150.60	152.00				0.0025
1303821	150.77	150.82	0.0001	0.0028	0.2500	
1304088	152.00	153.50				0.0025
1304089	153.50	154.85				0.0025
1304090	154.85	155.75				0.0025
1303822	154.92	154.97	0.0003	0.0017	0.2000	
1304091	155.75	156.35				0.0025
1304092	156.35	158.35				0.0025
1304094	158.35	160.10				0.0025

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304095	160.10	160.65				0.0025
1303823	160.32	160.37	0.0147	0.0083	0.2700	
1304096	160.65	163.00				0.0025
1304097	163.00	165.00				0.0025
1304098	165.00	165.50				0.0025
1303824	165.09	165.14	0.0019	0.0082	0.1300	
1304099	165.50	168.00				0.0025
1304100	168.00	170.00				0.0025
1304101	170.00	170.60				0.0025
1303825	170.44	170.49	0.0001	0.0021	0.2600	
1304102	170.60	171.15				0.0025
1304104	171.15	172.55				0.0025
1304105	172.55	173.55				0.0025
1304106	173.55	174.05				0.0025
1304107	174.05	175.50				0.0025
1304108	175.50	176.00				0.0025
1303826	175.85	175.90	0.0003	0.0037	0.4100	
1304109	176.00	177.15				0.0025
1304110	177.15	177.95				0.0025
1304111	177.95	179.40				0.0025
1304113	179.40	181.00				0.0025
1303827	180.43	180.48	0.0031	0.0102	0.1200	
1304114	181.00	182.45				0.0025
1304116	182.45	183.95				0.0025
1304117	183.95	185.45				0.0025
1304118	185.45	186.00				0.0025
1303828	185.58	185.63	0.0006	0.0050	0.0900	
1304119	186.00	187.00				0.0025
1304120	187.00	188.50				0.0025
1304121	188.50	189.75				0.0025
1303424	188.50	190.00	0.0048	0.0036	0.3000	0.0050
1304122	189.75	192.75				0.0025
1303425	190.00	191.00	0.0529	0.0093	0.3000	0.0050
1303426	191.00	192.00	0.0382	0.0124	0.3000	0.0050
1303427	192.00	193.00	0.0903	0.0109	0.3000	0.0120
1303428	193.00	194.50	0.0301	0.0121	0.4000	0.0050
1303829	194.53	194.58	0.0470	0.0157	0.2100	
1303830	199.96	200.01	0.0075	0.0097	0.1000	
1304123	202.45	204.45				0.0025

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304124	204.45	206.00				0.0025
1303831	205.59	205.64	0.0004	0.0064	0.2000	
1304125	206.00	207.50				0.0025
1304127	207.50	208.30				0.0025
1304128	208.30	209.05				0.0025
1304129	209.05	209.55				0.0025
1304130	209.55	210.35				0.0025
1304131	210.35	210.85				0.0025
1303832	210.51	210.56	0.0007	0.0038	0.2600	
1304132	210.85	211.55				0.0025
1304133	211.55	212.50				0.0025
1304134	212.50	213.50				0.0025
1304135	213.50	214.00				0.0025
1304137	214.00	214.50				0.0025
1304138	214.50	215.00				0.0025
1304139	215.00	215.65				0.0025
1303833	215.15	215.20	0.0083	0.0209	0.2100	
1304140	215.65	216.75				0.0025
1304141	216.75	218.00				0.0025
1304142	218.00	219.00				0.0025
1304144	219.00	219.70				0.0025
1304145	219.70	220.70				0.0025
1304146	220.70	221.20				0.0025
1303834	220.91	220.96	0.0009	0.0032	0.2400	
1304147	221.20	221.75				0.0025
1304148	221.75	222.75				0.0025
1304149	222.75	224.00				0.0025
1304150	224.00	224.65				0.0025
1304151	224.65	225.60				0.0025
1304152	225.60	226.20				0.0025
1303835	225.90	225.95	0.0006	0.0082	0.1900	
1304153	226.20	227.20				0.0025
1304154	227.20	227.95				0.0025
1304156	227.95	228.65				0.0025
1304157	228.65	229.15				0.0060
1304158	229.15	230.50				0.0025
1304159	230.50	231.50				0.0025
1303836	231.07	231.12	0.0002	0.0059	0.2100	
1304160	231.50	232.50				0.0025

Hole Number: **BP13-CU20**

Units: METRIC

Samples

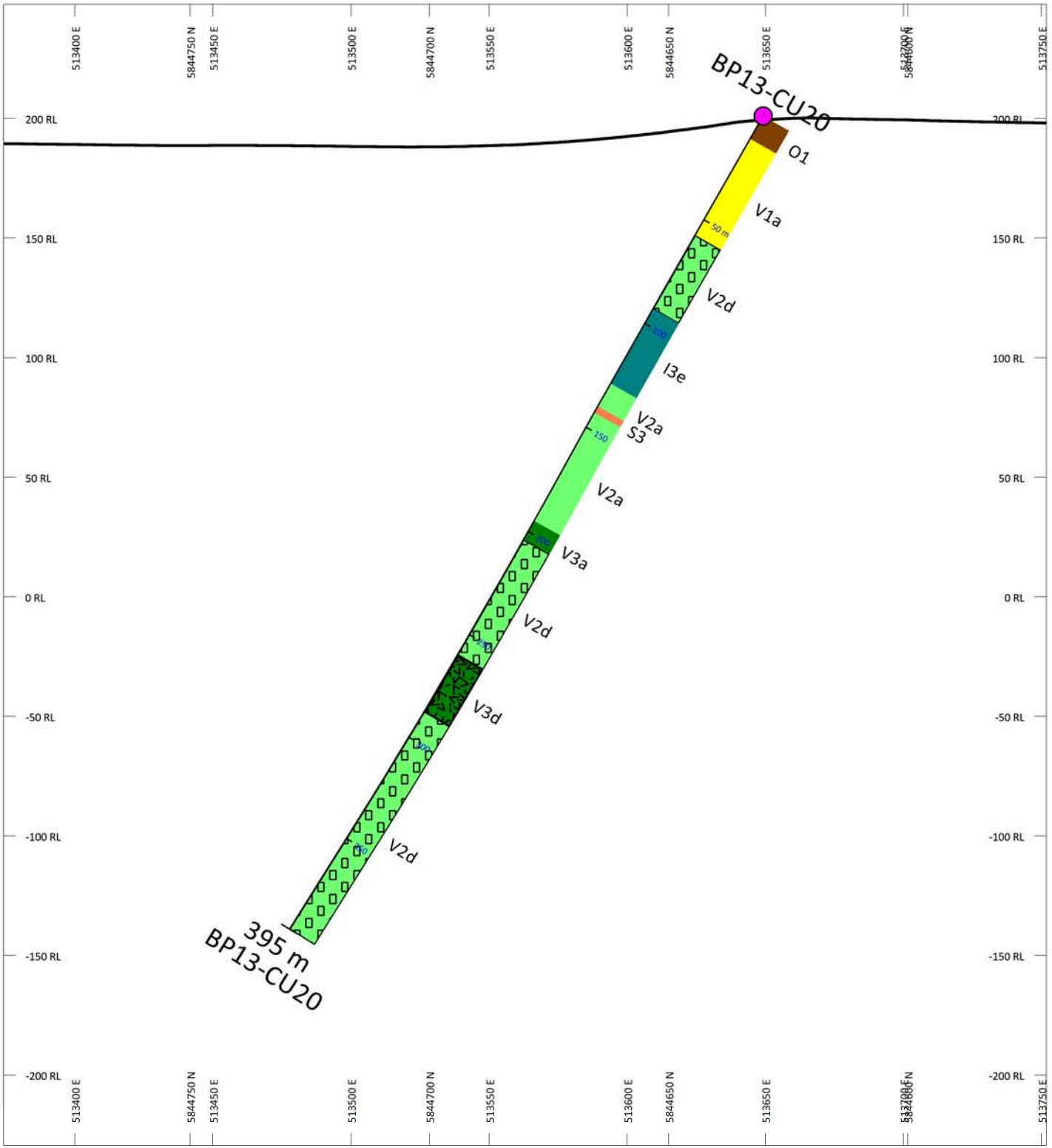
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1304161	232.50	233.60				0.0025
1304162	233.60	234.50				0.0025
1304163	234.50	235.20				0.0025
1304164	235.20	235.80				0.0025
1304165	235.80	236.45				0.0025
1303837	236.00	236.05	0.0002	0.0093	0.3000	
1304166	236.45	237.35				0.0025
1304168	237.35	238.85				0.0025
1304169	238.85	240.35				0.0025
1304170	240.35	241.40				0.0025
1304171	241.40	241.90				0.0025
1303838	241.49	241.54	0.0002	0.0078	0.2700	
1304172	241.90	243.30				0.0025
1304173	243.30	244.05				0.0025
1304174	244.05	245.50				0.0025
1304175	245.50	246.15				0.0110
1303839	245.87	245.92	0.0090	0.0114	0.2700	
1304176	246.15	247.15				0.0025
1304177	247.15	248.65				0.0025
1304179	248.65	249.15				0.0025
1304180	249.15	249.65				0.0025
1304181	249.65	250.15				0.0025
1304182	250.15	250.70				0.0025
1304183	250.70	251.20				0.0025
1303840	250.91	250.96	0.0039	0.0079	0.2600	
1304184	251.20	252.40				0.0025
1304185	252.40	253.40				0.0025
1304186	253.40	254.90				0.0025
1304187	254.90	256.05				0.0025
1304188	256.05	256.75				0.0025
1303841	256.28	256.33	0.0025	0.0296	0.1700	
1304189	256.75	258.25				0.0025
1304190	258.25	259.80				0.0025
1304191	259.80	261.70				0.0025
1304192	261.70	262.70				0.0025
1303842	261.85	261.90	0.0166	0.0223	0.3400	
1304194	262.70	264.70				0.0025
1304195	264.70	266.00				0.0025
1303843	268.11	268.16	0.0018	0.0031	0.1700	

Hole Number: **BP13-CU20**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303844	275.24	275.29	0.0013	0.0214	0.1900	
1303845	281.00	281.05	0.0257	0.0234	0.5100	
1303846	287.02	287.07	0.0157	0.0299	0.3300	
1303847	293.44	293.49	0.0207	0.0283	0.2900	
1303848	299.00	299.05	0.0040	0.0258	0.1500	
1303849	304.12	304.17	0.0068	0.0187	0.2200	
1303850	309.03	309.08	0.0046	0.0303	0.1900	
1303851	315.53	315.58	0.0049	0.0114	0.2800	
1303852	320.21	320.26	0.0172	0.0165	0.2500	
1303853	325.85	325.90	0.0023	0.0181	1.0100	
1303854	331.56	331.61	0.0007	0.0063	0.3300	
1303855	336.37	336.42	0.0042	0.0108	0.3400	
1303856	340.28	340.33	0.0041	0.0537	0.5600	
1303857	347.00	347.05	0.0176	0.0414	0.3400	
1303858	352.80	352.85	0.0447	0.0454	0.4600	
1303859	358.91	358.96	0.0047	0.0153	0.2300	
1303860	364.15	364.20	0.0022	0.0249	0.2600	
1303861	371.00	371.05	0.0020	0.0225	0.3100	
1303862	376.83	376.88	0.0079	0.0168	0.3500	
1303863	380.90	380.95	0.0096	0.0254	0.3600	
1303864	386.00	386.05	0.0005	0.0206	0.2700	
1303865	394.78	394.83	0.0000	0.0069	0.1600	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Ferrogabbro
		Overburden
		Mafic sediments
		Felsic massive/flow volcanics
		Intermediate massive/flow volca
		Intermediate lapilli tuff
		Mafic massive/flow volcanics
		Mafic volcaniclastics

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513563 m	5844680 m
EXTENTS	436 m	477.3 m
SECTION TOP, BOT	247.7 m	-229.5 m
TOLERANCE +/-	25 m	

SCALE 1 : 2500

(m)

-20 0 20 40 60 80

NAD83 / UTM zone 16N

AZIMUTH = 120°

N W E S

Butler Property

Cross-Section

Butler 3

BP13-CU20

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-138**	Units: Metric

Cover Page

Project Name:	Butler Butler 3	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513310.7 5844944 191.8	Collar Azimuth: Collar Dip: Final Depth (m):	135 -60 347.47	Mining Claim(s) / Provincial Cell Grid(s): Township:	112380 (43D15C372), 253631 (43D15C392) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 8.65	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 21-Oct-2010 26-Oct-2010

ReLog Notes	The drill hole collars into intermediate volcanic tuff, massive to well bedded-laminated. Variably altered with magnetite, anthophyllite, biotite, sericite and continues to a depth of ~170m. Contained within are narrow intervals of felsic rock (intrusive or volcanic?) as observed from 110 to 116m is a dacite, white in colour with massive texture and medium grained and a second dacite unit occurring at 131.5-140.8m. The top of the intermediate volcaniclastic sequence occurs at ~170m and is demarked by silicate iron formation containing finely laminated magnetite with garnet, chlorite, sulfides, and grunerite. Stratigraphically above this (down hole) are felsic volcanic rocks progressively becoming more massive in the central portion with the unit ending at ~214m. Narrow intervals of amygdules are observed proximal to basal and top contacts. Felsic unit is overlain by (214-252m) finely laminated/volcaniclastics grading into massive sulfide comprising pyrite and pyrrhotite with sphalerite as both replacement and massive bedded forming the Butler 3 exhalative horizon. Patchy garnet alteration occurs within the intercalated felsic volcanic unit with moderate sericite alteration. From 252 to 267m intermediate finely laminated volcaniclastic tuff with moderate to strong foliation is observed. From to 267 to end of hole (347m) the sequence is dominated by intermediate to felsic volcaniclastic with a mix of finely laminated to amygdaloidal rich (e.g. 270m). Minor garnet occurs throughout with weak biotite and sericite alteration.

DETAILED LOG

Hole Number: **MN10-138**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-60.00
Project Number:	Butler	North:	5844944.00	North:	5844944.00	Collar Az:	135.00
Location:		East:	513310.70	East:	513310.70	Length:	347.00
		Elev:	191.80	Elev:	191.80	Start Depth:	0.00
Date Started:	Oct 21, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 347.00
Date Completed:	Oct 26, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	135.00	-60.00	UK	OK		**30.00**	149.54	-63.53	UK	OK	
40.00	92.09	-63.49	UK	OK		**50.00**	158.16	-63.46	UK	OK	
60.00	144.07	-63.20	UK	OK		**70.00**	144.50	-63.11	UK	OK	
80.00	144.30	-62.66	UK	OK		**90.00**	146.01	-62.52	UK	OK	
100.00	146.03	-62.42	UK	OK		**110.00**	145.37	-62.28	UK	OK	
120.00	143.63	-62.20	UK	OK		**130.00**	145.06	-62.19	UK	OK	
140.00	145.71	-62.04	UK	OK		**150.00**	148.20	-61.87	UK	OK	
160.00	147.76	-61.75	UK	OK		**170.00**	144.08	-61.68	UK	OK	
180.00	147.08	-61.57	UK	OK		**190.00**	148.25	-61.55	UK	OK	
200.00	146.58	-61.40	UK	OK		**210.00**	148.29	-61.30	UK	OK	
220.00	149.13	-61.23	UK	OK		**230.00**	143.10	-61.19	UK	OK	
240.00	141.19	-61.03	UK	OK		**250.00**	159.43	-60.88	UK	OK	
260.00	157.72	-60.66	UK	OK		**270.00**	153.86	-60.68	UK	OK	
280.00	153.91	-60.79	UK	OK		**290.00**	153.67	-60.75	UK	OK	
300.00	155.53	-60.77	UK	OK		**310.00**	156.35	-60.73	UK	OK	
320.00	156.60	-60.69	UK	OK		**330.00**	157.46	-60.73	UK	OK	
340.00	158.95	-60.71	UK	OK		**347.47**	158.95	-60.71	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	8.65	**O1, Overburden Unclassified** Overburden								
8.65	110.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcanic tuff, massive to well bedded/laminated. Variably altered with magnetite, anthophyllite, biotite, sericite and continues to a depth of ~170m	315761	21.60	21.80	0.20	0.02	0.06	0.20	
			841548	72.10	72.20	0.10	0.00	0.02	0.05	

DETAILED LOG

Hole Number: **MN10-138**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
110.00	116.00	**V1a, Volcanic Felsic rhyodacite - massive** Dacite, white in colour with massive texture and medium grained								
116.00	131.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcanic tuff, massive to well bedded/laminated. Variably altered with magnetite, anthophyllite, biotite, sericite and continues to a depth of ~170m								
131.50	140.80	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite, white in colour with massive texture and medium grained								
140.80	170.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcanic tuff, massive to well bedded/laminated. Variably altered with magnetite, anthophyllite, biotite, sericite and continues to a depth of ~170m								
170.00	173.00	**S5a, Sedimentary Other silica iron formation** Silicate Fe-formation containing finely laminated magnetite with garnet								
173.00	214.00	**V1a, Volcanic Felsic rhyodacite - massive** Felsic volcanic rocks progressively becoming more massive in the central portion. Narrow intervals of amygdules are observed proximal to basal and top contacts	841549	201.20	201.30	0.10	0.00	0.03	0.07	

Hole Number: **MN10-138** Units: METRIC

Detailed Lithology

From	To	Lithology
214.00	252.00	**X, Mineralization** Butler 3 exhalative. Finely laminated/volcaniclastics grading into massive sulfide (py, po, sph) as both replacement and massively bedded forming the Butler 3 exhalative horizon. Patchy garnet moderate sericite alteration.
252.00	267.00	**V2e, Volcanic Intermediate andesite- breccia insitu** Intermediate finely laminated volcaniclastic tuff with moderate to strong foliation
267.00	347.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate to felsic volcaniclastic with a mix of finely laminated to amygduloidal rich. Minor garnet, weak biotite and sericite alteration

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
451164	215.60	216.60	1.00	0.01	0.02	0.80	0.01
451165	216.60	217.60	1.00	0.00	0.15	1.30	0.01
451166	217.60	218.60	1.00	0.00	0.04	0.50	0.01
451167	218.60	219.35	0.75	0.00	0.01	0.50	0.01
451168	219.35	219.90	0.55	0.00	0.61	1.40	0.01
451169	219.90	221.00	1.10	0.01	0.17	0.90	0.02
451170	221.00	222.50	1.50	0.01	0.13	1.10	0.01
451171	222.50	224.00	1.50	0.03	0.54	1.20	0.01
451172	224.00	224.83	0.83	0.03	1.72	2.70	0.01
451173	224.83	226.30	1.47	0.01	0.02	0.80	0.01
451174	226.30	227.15	0.85	0.00	0.08	1.10	0.01
451176	227.15	227.90	0.75	0.01	0.03	1.20	0.01
451177	227.90	229.30	1.40	0.00	0.05	1.10	0.01
451178	229.30	230.40	1.10	0.00	0.01	0.60	0.01
451179	230.40	231.65	1.25	0.01	0.02	0.70	0.01
451180	231.65	232.70	1.05	0.03	3.43	1.60	0.01
451181	232.70	233.70	1.00	0.00	0.21	0.70	0.01
451182	240.10	241.10	1.00	0.01	0.09	0.80	0.01
451183	241.10	241.95	0.85	0.10	3.67	10.60	0.01
451184	241.95	243.00	1.05	0.32	2.75	5.40	0.02
451185	243.00	244.00	1.00	0.13	8.92	3.70	0.04
451186	244.00	245.00	1.00	1.54	4.18	21.40	0.24
451187	245.00	246.00	1.00	0.72	5.14	15.00	0.05
451188	246.00	247.30	1.30	0.71	2.32	8.50	0.04
451189	247.30	248.00	0.70	0.31	0.14	2.90	0.01
451190	248.00	248.85	0.85	0.49	0.37	5.10	0.03
451191	248.85	249.90	1.05	0.74	0.71	7.20	0.09
451192	249.90	250.90	1.00	1.29	0.42	9.60	0.04
451193	250.90	251.95	1.05	0.59	0.54	4.70	0.05
451194	251.95	253.00	1.05	0.09	0.04	1.00	0.01
841550	259.10	259.20	0.10	0.00	0.02	0.18	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
315761	21.60	21.80	0.0246	0.0616	0.2000	
841548	72.10	72.20	0.0002	0.0164	0.0500	
841549	201.20	201.30	0.0011	0.0347	0.0700	

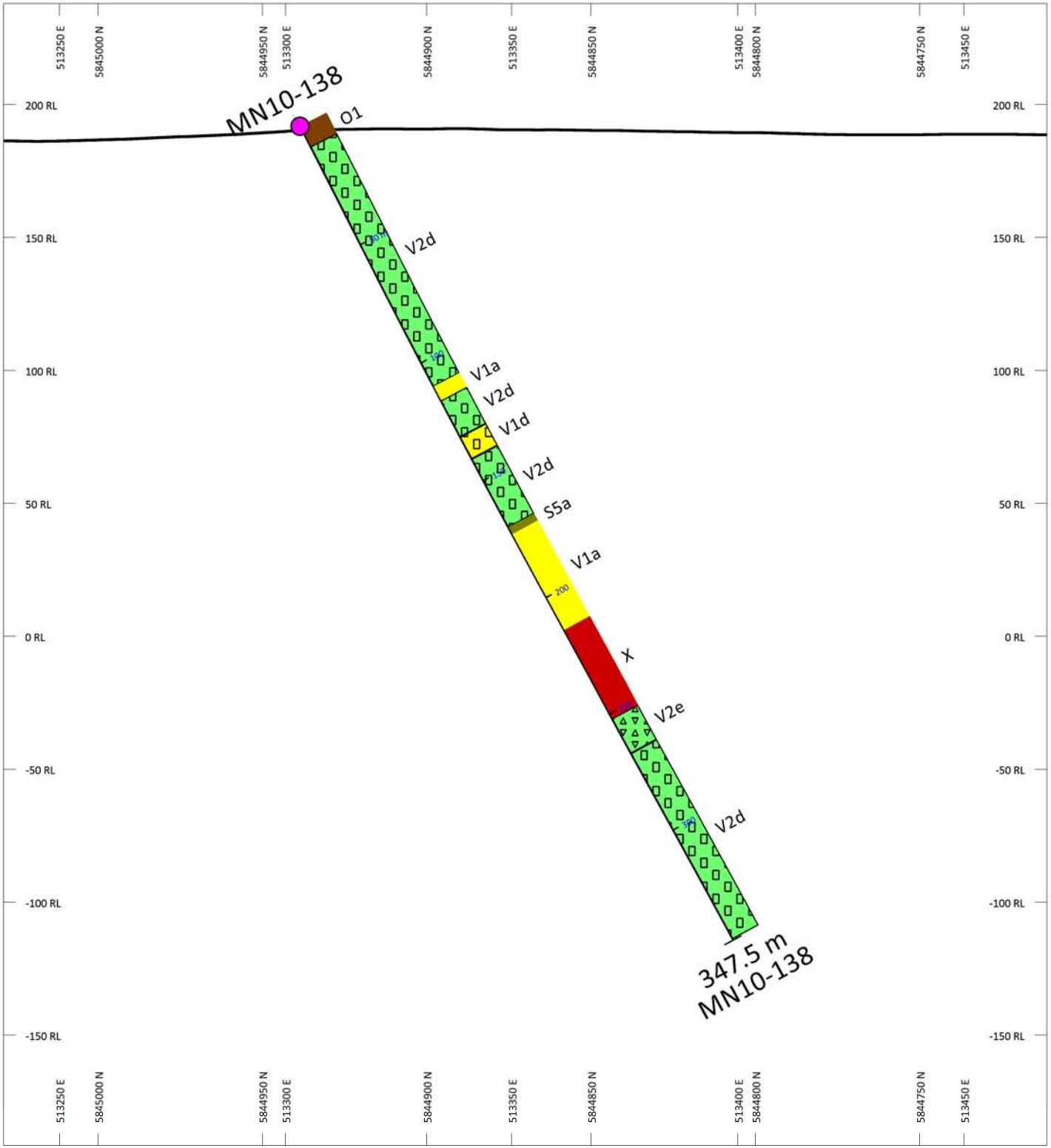
DETAILED LOG

Hole Number: **MN10-138**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451164	215.60	216.60	0.0118	0.0164	0.8000	0.0050
451165	216.60	217.60	0.0029	0.1460	1.3000	0.0050
451166	217.60	218.60	0.0022	0.0369	0.5000	0.0050
451167	218.60	219.35	0.0027	0.0136	0.5000	0.0050
451168	219.35	219.90	0.0034	0.6140	1.4000	0.0050
451169	219.90	221.00	0.0067	0.1740	0.9000	0.0160
451170	221.00	222.50	0.0148	0.1290	1.1000	0.0050
451171	222.50	224.00	0.0261	0.5350	1.2000	0.0050
451172	224.00	224.83	0.0276	1.7200	2.7000	0.0110
451173	224.83	226.30	0.0063	0.0211	0.8000	0.0050
451174	226.30	227.15	0.0020	0.0795	1.1000	0.0050
451176	227.15	227.90	0.0129	0.0274	1.2000	0.0050
451177	227.90	229.30	0.0036	0.0542	1.1000	0.0060
451178	229.30	230.40	0.0028	0.0117	0.6000	0.0050
451179	230.40	231.65	0.0052	0.0195	0.7000	0.0050
451180	231.65	232.70	0.0319	3.4300	1.6000	0.0080
451181	232.70	233.70	0.0043	0.2110	0.7000	0.0050
451182	240.10	241.10	0.0114	0.0936	0.8000	0.0050
451183	241.10	241.95	0.0990	3.6700	10.6000	0.0120
451184	241.95	243.00	0.3220	2.7500	5.4000	0.0210
451185	243.00	244.00	0.1330	8.9200	3.7000	0.0370
451186	244.00	245.00	1.5400	4.1800	21.4000	0.2350
451187	245.00	246.00	0.7170	5.1400	15.0000	0.0480
451188	246.00	247.30	0.7090	2.3200	8.5000	0.0440
451189	247.30	248.00	0.3100	0.1350	2.9000	0.0100
451190	248.00	248.85	0.4910	0.3690	5.1000	0.0250
451191	248.85	249.90	0.7350	0.7060	7.2000	0.0900
451192	249.90	250.90	1.2900	0.4150	9.6000	0.0430
451193	250.90	251.95	0.5850	0.5420	4.7000	0.0460
451194	251.95	253.00	0.0914	0.0405	1.0000	0.0050
841550	259.10	259.20	0.0014	0.0186	0.1800	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Silica iron formation
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate lapilli tuff
		Intermediate ash tuff
		Sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513353 m	5844870 m
EXTENTS	392.4 m	429.5 m
SECTION TOP, BOT	238 m	-191.6 m
TOLERANCE +/-	25 m	

SCALE 1 : 2250

(m)

-20 0 20 40 60

NAD83 / UTM zone 16N

AZIMUTH = 144°

N W E S

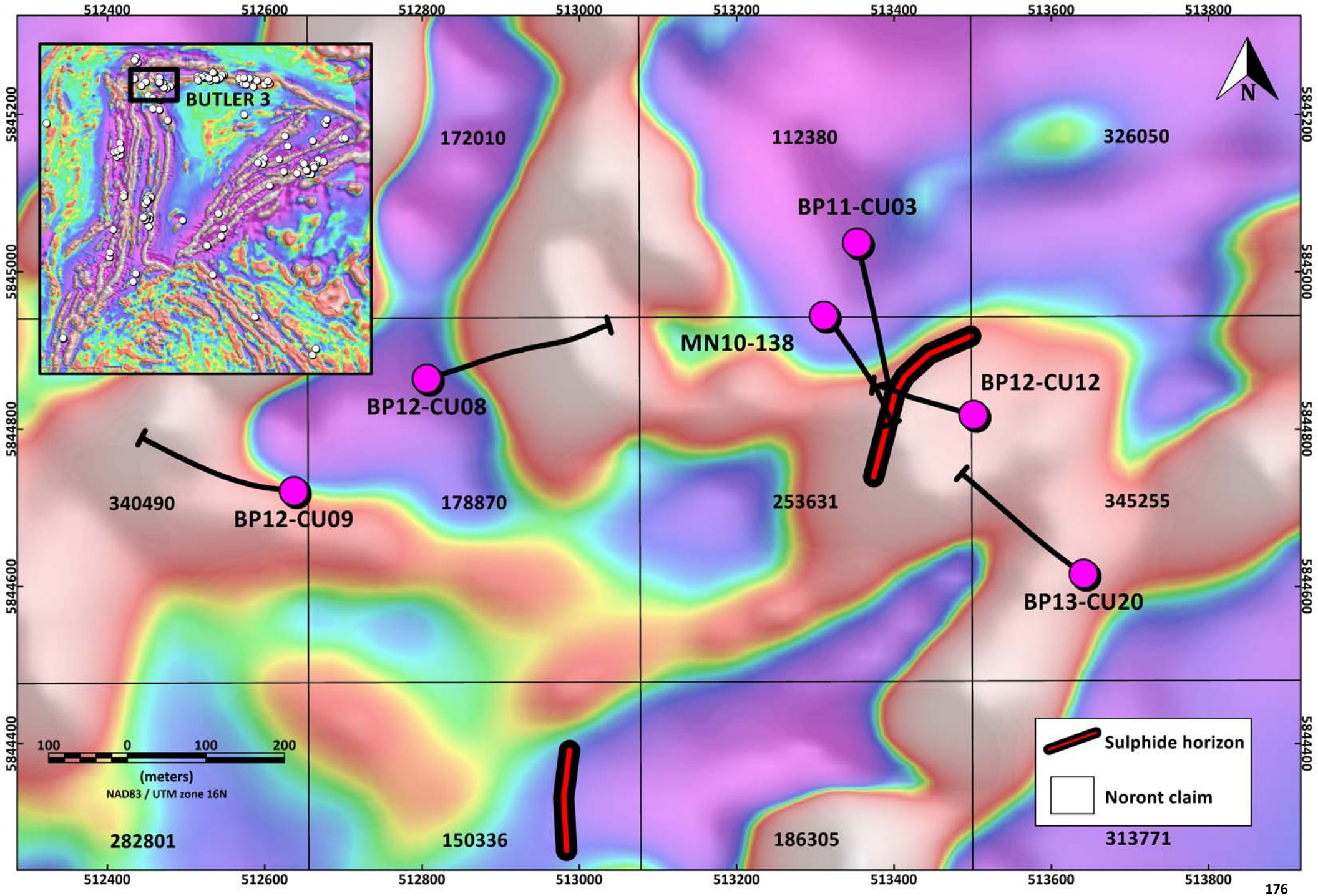
Butler Property

Cross-Section

Butler 3

MN10-138

Butler 3 & Footwall



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP12-CU08**	Units: Metric

Cover Page

Project Name:	Butler Butler 3 Footwall	Datum: UTM Zone:	NAD83 16N			
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2012 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512806 5844864 185	Collar Azimuth: Collar Dip: Final Depth (m):	73.4 -62.2 500.84	Mining Claim(s) / Provincial Cell Grid(s): Township:	178870 (43D15C391) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 15.04	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Craig Hunt Cyr Drilling 17-Apr-2012 26-Apr-2012

ReLog Notes	The hole was drilled into the footwall of Butler 3. The hole collars in felsic volcanics grading down hole (~26m) into garnet and anthophyllite altered gabbro/diorite that displays a very homogenous texture and intermediate composition (moderate-low Zr/Ti ratio). Alternatively, this is a homogenous altered intermediate volcaniclastic. Intermediate to felsic volcanic is noted at ~224.5m containing spherulites altered by biotite along the rims and within the matrix. Similar felsic-intermediate units probably occur at ~260m and ~290m based on Zr/Ti ratios, within a dominant intermediate sequence. A Fe-formation/exhalative horizon occurs at 409.5m with anomalous magnetic susceptibility above and below. An equigranular ferrogabbro is noted in the stratigraphic hanging wall of the exhalative to a depth of 438m where intermediate volcanic as defined by flow breccias and biotite altered spherulites are noted. The unit has moderate to strong foliation. Largely the drill hole is strongly Na-depleted, but select intervals are not and usually correlate with elevated magnetite content (higher magnetic susceptibility e.g. 192-217m) possibly reflecting late intrusions into the volcanic pile. The majority of this hole consists of a series of altered hypabyssal sills, dominantly andesite/dacite in composition, with high silica compositions, high Fe and Mg (due to alteration) and low alkalis (Na-depletion). Alteration assemblages are anthophyllite and biotite. In a few cases, these sills are cut by more felsic spherulitic sills/dykes (syn-volcanic) with biotite alteration. A thin seam of IF occurs and may be a raft. Unaltered ferrogabbro occurs towards the end of the hole and is likely late.

DETAILED LOG

Hole Number: **BP12-CU08**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-62.20
Project Number:	Butler	North:	5844864.00	North:	5844864.00	Collar Az:	73.40
Location:		East:	512806.00	East:	512806.00	Length:	500.84
		Elev:	185.00	Elev:	185.00	Start Depth:	0.00
Date Started:	Apr 17, 2012	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 500.84
Date Completed:	Apr 26, 2012	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3 Footwall; This hole was drilled to try and intersect a chargeability anonamly, and is drilled in what we believe will be a VMS system with a range of felsic to mafic rock types.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	73.40	-62.20	UK	OK		**46.50**	73.40	-62.20	UK	OK	test taken by Bruce, declination already substracted
142.50	70.40	-62.00	UK	OK	test taken by Nic, declination already subtracted	**244.50**	76.20	-60.80	UK	OK	test taken by Allan Thaxter
346.50	80.30	-60.10	UK	OK	test taken by Allan Thaxter	**445.00**	66.00	-60.20	UK	OK	test taken by Bruce
500.84	72.70	-60.50	UK	OK	test taken by Bruce						

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	15.04	**O1, Overburden Unclassified** Overburden								
15.04	26.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic volcanics (dacite), unaltered	451458	17.72	17.82	0.10	0.00	0.01	0.05	
			451459	22.65	22.75	0.10	0.00	0.01	0.05	

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology

From	To	Lithology
26.00	224.50	**I2a, Intrusive Intermediate Diorite** Fine to coarse grained homogeneous altered (garnet, anthophyllite) gabbro/diorite of intermediate composition, abundant anthophyllite crystals. This rock has been altered due to FW alteration beneath Butler 3 exhalative

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
451460	28.12	28.22	0.10	0.00	0.00	0.05	
451461	33.08	33.16	0.08	0.00	0.00	0.05	
451462	41.71	41.81	0.10	0.00	0.01	0.05	
846566	42.00	44.00	2.00	0.00	0.00	0.30	0.00
846567	44.00	45.75	1.75	0.00	0.00	0.30	0.00
846568	45.75	46.50	0.75	0.01	0.00	0.40	0.00
846569	46.50	48.00	1.50	0.00	0.00	0.30	0.00
846570	48.00	50.00	2.00	0.00	0.00	0.30	0.00
846571	53.00	55.00	2.00	0.00	0.01	0.30	0.00
846572	55.00	56.00	1.00	0.00	0.00	0.50	0.00
846574	56.00	57.00	1.00	0.00	0.00	0.50	0.00
846575	57.00	58.00	1.00	0.00	0.00	0.40	0.00
846576	58.00	59.00	1.00	0.00	0.01	0.30	0.00
846577	59.00	60.00	1.00	0.00	0.01	0.30	0.00
846578	60.00	62.00	2.00	0.00	0.00	0.30	0.00
451463	61.07	61.15	0.08	0.00	0.00	0.05	
451464	76.50	76.57	0.07	0.00	0.01	0.05	
846579	78.00	80.00	2.00	0.01	0.01	0.30	0.00
846581	80.00	81.00	1.00	0.00	0.00	0.30	0.00
846582	81.00	83.00	2.00	0.00	0.00	0.30	0.00
846583	91.00	92.50	1.50	0.00	0.00	0.30	0.00
846584	92.50	93.50	1.00	0.00	0.00	0.30	0.00
846585	93.50	95.00	1.50	0.00	0.00	0.30	0.00
451465	94.37	94.50	0.13	0.01	0.00	0.07	
846586	95.00	97.00	2.00	0.00	0.00	0.30	0.00
451466	102.23	102.31	0.08	0.00	0.00	0.05	
451467	111.54	111.62	0.08	0.00	0.00	0.15	
451468	125.43	125.52	0.09	0.00	0.00	0.05	
846587	138.00	140.00	2.00	0.00	0.00	0.30	0.00
846588	140.00	141.25	1.25	0.00	0.00	0.30	0.00
846589	141.25	142.00	0.75	0.01	0.00	0.30	0.00
846591	142.00	144.00	2.00	0.00	0.00	0.40	0.00
451469	144.14	144.23	0.09	0.00	0.00	0.05	
846592	158.00	160.00	2.00	0.00	0.00	0.50	0.00
846593	160.00	161.00	1.00	0.00	0.00	0.40	0.00
846594	161.00	163.00	2.00	0.00	0.00	0.30	0.00
451470	161.16	161.25	0.09	0.00	0.00	0.05	
846595	163.00	164.00	1.00	0.00	0.00	0.40	0.00
846596	164.00	165.00	1.00	0.01	0.00	0.40	0.00
846597	165.00	166.00	1.00	0.00	0.00	0.40	0.00
846598	166.00	167.00	1.00	0.00	0.00	0.50	0.00
846599	167.00	169.00	2.00	0.00	0.00	0.30	0.00
846601	176.00	178.00	2.00	0.01	0.00	0.40	0.00

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			846602	178.00	178.50	0.50	0.01	0.00	0.40	0.00
			846603	178.50	180.00	1.50	0.00	0.00	0.30	0.00
			451471	179.73	179.83	0.10	0.00	0.00	0.17	
			846604	186.00	187.50	1.50	0.00	0.00	0.30	0.00
			846605	187.50	188.50	1.00	0.01	0.01	0.30	0.00
			846606	188.50	190.00	1.50	0.01	0.01	0.30	0.00
			451472	188.69	188.78	0.09	0.01	0.01	0.12	
			846607	190.00	193.00	3.00	0.01	0.01	0.30	0.00
			846608	193.00	196.00	3.00	0.01	0.01	0.30	0.00
			846609	196.00	197.00	1.00	0.01	0.01	0.30	0.00
			846610	197.00	200.00	3.00	0.01	0.01	0.30	0.00
			451473	199.42	199.50	0.08	0.00	0.01	0.09	
			846611	200.00	203.00	3.00	0.01	0.01	0.30	0.00
			846612	203.00	204.00	1.00	0.01	0.01	0.30	0.00
			846613	204.00	205.00	1.00	0.01	0.01	0.30	0.00
			846614	205.00	208.00	3.00	0.01	0.01	0.30	0.00
			846615	208.00	211.00	3.00	0.01	0.01	0.30	0.00
			846616	211.00	213.00	2.00	0.01	0.01	0.30	0.00
			846617	213.00	214.00	1.00	0.01	0.01	0.30	0.00
			846618	214.00	216.00	2.00	0.01	0.01	0.30	0.00
			451474	214.50	214.60	0.10	0.01	0.01	0.10	
			451475	219.10	219.20	0.10	0.00	0.00	0.05	
			451476	224.26	224.36	0.10	0.00	0.01	0.05	
224.50	225.00	**V3a, Volcanic Mafic basalt - massive** Basalt/gabbro								

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology

From	To	Lithology
225.00	361.00	**V2a, Volcanic Intermediate andesite-massive** Grey mottled dacite with spherulites altered by biotite along the rims and within the matrix. Likely a sill/dyke feeding the overlying volcanic pile. Biotite seems to be present in more evolved rocks.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
451477	227.30	227.40	0.10	0.00	0.00	0.05	
451478	231.87	231.97	0.10	0.00	0.00	0.05	
451479	239.23	239.33	0.10	0.00	0.00	0.05	
846978	245.40	245.50	0.10	0.00	0.00	0.05	
846979	256.40	256.50	0.10	0.00	0.02	0.05	
846980	258.42	258.52	0.10	0.00	0.01	0.05	
846981	261.27	261.37	0.10	0.00	0.00	0.05	
846982	263.55	263.65	0.10	0.00	0.00	0.05	
846983	272.88	272.98	0.10	0.01	0.03	0.05	
846984	281.55	281.65	0.10	0.00	0.00	0.05	
846985	287.35	287.45	0.10	0.00	0.00	0.05	
846986	292.40	292.50	0.10	0.00	0.00	0.05	
846619	297.00	299.00	2.00	0.01	0.01	0.40	0.00
846987	298.40	298.50	0.10	0.01	0.01	0.05	
846621	299.00	299.50	0.50	0.01	0.00	0.40	0.00
846622	299.50	301.50	2.00	0.00	0.00	0.30	0.00
846623	301.50	302.50	1.00	0.00	0.00	0.30	0.00
846624	302.50	303.00	0.50	0.00	0.00	0.50	0.00
846625	303.00	304.50	1.50	0.00	0.00	0.40	0.00
846626	304.50	305.50	1.00	0.01	0.00	0.30	0.00
846627	305.50	306.50	1.00	0.00	0.00	0.40	0.00
846628	306.50	308.00	1.50	0.00	0.00	0.30	0.00
846629	308.00	310.00	2.00	0.00	0.00	0.40	0.00
846631	310.00	311.50	1.50	0.00	0.00	0.40	0.00
846632	311.50	312.50	1.00	0.00	0.00	0.30	0.00
846633	312.50	313.50	1.00	0.00	0.00	0.30	0.00
846634	313.50	314.50	1.00	0.00	0.00	0.30	0.00
846988	313.60	313.70	0.10	0.00	0.01	0.05	
846636	327.00	329.00	2.00	0.00	0.00	0.40	0.00
846637	329.00	329.50	0.50	0.02	0.00	0.60	0.02
846638	329.50	330.00	0.50	0.01	0.00	0.60	0.01
846822	329.62	329.72	0.10	0.00	0.00	0.05	
846639	330.00	330.50	0.50	0.01	0.00	0.40	0.01
846641	330.50	331.00	0.50	0.06	0.00	0.60	0.00
846642	331.00	331.50	0.50	0.01	0.00	0.40	0.00
846643	331.50	332.00	0.50	0.00	0.00	0.30	0.00
846644	332.00	333.00	1.00	0.01	0.00	0.40	0.00
846645	333.00	334.50	1.50	0.01	0.00	0.30	0.00
846646	334.50	336.00	1.50	0.00	0.00	0.30	0.00
846647	336.00	337.50	1.50	0.00	0.00	0.30	0.00
846648	337.50	339.00	1.50	0.00	0.00	0.30	0.00
846649	339.00	340.50	1.50	0.00	0.00	0.30	0.00
846650	340.50	342.00	1.50	0.00	0.00	0.40	0.00

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			846782	342.00	343.50	1.50	0.00	0.00	0.40	0.00
			846783	343.50	345.00	1.50	0.00	0.01	0.40	0.00
			846784	345.00	346.50	1.50	0.00	0.01	0.50	0.00
			846785	346.50	348.00	1.50	0.00	0.01	0.30	0.00
			846786	348.00	349.00	1.00	0.00	0.00	0.50	0.00
			846823	348.52	348.62	0.10	0.00	0.01	0.05	
			846788	349.00	350.00	1.00	0.00	0.01	0.30	0.00
			846789	350.00	351.00	1.00	0.00	0.01	0.30	0.00
			846790	351.00	352.50	1.50	0.00	0.01	0.30	0.00
			846791	352.50	354.00	1.50	0.00	0.01	0.30	0.00
			846792	354.00	355.50	1.50	0.01	0.01	0.40	0.00
			846793	355.50	357.00	1.50	0.01	0.01	0.60	0.00
			846794	357.00	358.50	1.50	0.00	0.01	0.30	0.00
			846824	357.30	357.40	0.10	0.00	0.01	0.05	
			846795	358.50	360.00	1.50	0.00	0.01	0.30	0.01
			846796	360.00	361.50	1.50	0.01	0.00	0.70	0.01
361.00	390.00	**V2a, Volcanic Intermediate andesite-massive** Mottled spherulitic dacite, disseminated py/po proximal to sharp contact with gabbro	846797	361.50	363.00	1.50	0.00	0.00	0.60	0.01
			846798	363.00	364.50	1.50	0.00	0.00	0.40	0.00
			846825	363.62	363.72	0.10	0.00	0.00	0.05	
			846799	364.50	366.00	1.50	0.00	0.00	0.60	0.00
			846851	366.00	367.50	1.50	0.00	0.01	0.40	0.00
			846852	367.50	369.00	1.50	0.01	0.01	0.40	0.00
			846853	369.00	370.50	1.50	0.00	0.01	0.40	0.00
			846854	370.50	372.00	1.50	0.01	0.01	0.30	0.01
			846855	372.00	373.50	1.50	0.00	0.01	0.50	0.00
			846856	373.50	375.00	1.50	0.00	0.01	0.50	0.00
			846857	375.00	376.50	1.50	0.00	0.01	0.70	0.00
			846858	376.50	378.00	1.50	0.00	0.00	0.50	0.00
			846859	378.00	379.00	1.00	0.00	0.00	0.40	0.00
			846860	379.00	380.00	1.00	0.00	0.00	0.60	0.00
			846861	380.00	381.50	1.50	0.00	0.00	0.50	0.00
			846826	381.01	381.11	0.10	0.00	0.00	0.05	
			846862	381.50	383.00	1.50	0.00	0.00	0.50	0.00
			846863	383.00	384.50	1.50	0.00	0.00	0.40	0.00
			846864	384.50	386.00	1.50	0.00	0.01	0.60	0.00
			846865	386.00	387.50	1.50	0.00	0.00	0.50	0.00
			846827	386.86	386.96	0.10	0.00	0.01	0.05	
			846867	387.50	389.00	1.50	0.00	0.01	0.30	0.00
			846868	389.00	390.50	1.50	0.00	0.01	0.40	0.00

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
390.00	409.20	**I3e, Intrusive Mafic Ferrogabbro** Magnetic massive ferrogabbro, grey to light grey, unaltered. Gradational lower contact	846869	390.50	392.00	1.50	0.01	0.01	0.40	0.00
			846828	391.02	391.12	0.10	0.00	0.01	0.05	
			846870	392.00	393.50	1.50	0.01	0.01	0.50	0.00
			846871	393.50	395.00	1.50	0.00	0.01	0.40	0.00
			846829	394.50	394.60	0.10	0.00	0.02	0.05	
			846872	395.00	396.50	1.50	0.00	0.01	0.40	0.00
			846874	396.50	398.00	1.50	0.00	0.02	0.30	0.00
			846830	397.75	397.85	0.10	0.00	0.02	0.05	
			846875	398.00	398.50	0.50	0.00	0.02	0.40	0.00
			846876	398.50	399.00	0.50	0.02	0.01	0.80	0.01
			846877	399.00	400.00	1.00	0.01	0.02	0.60	0.00
			846878	400.00	401.50	1.50	0.00	0.01	0.40	0.00
			846831	400.40	400.50	0.10	0.01	0.01	0.05	
			846879	401.50	403.00	1.50	0.00	0.01	0.60	0.00
			846880	403.00	404.50	1.50	0.01	0.01	0.40	0.00
			846882	404.50	406.00	1.50	0.00	0.01	0.30	0.00
			846883	406.00	407.50	1.50	0.01	0.02	0.40	0.00
			846884	407.50	409.00	1.50	0.01	0.02	0.50	0.00
			846885	409.00	409.50	0.50	0.02	0.02	0.70	0.00
409.20	412.00	**S5a, Sedimentary Other silica iron formation** Raft of po-py silicate IF (or exhalative) with bedding @ 80 tca (different than anywhere else). Grunerite-actinolite rich rock, trace base metals. Sharp upper/lower contacts. Unit surrounded by massive strongly magnetic ferrogabbro	846886	409.50	410.00	0.50	0.05	0.01	1.40	0.01
			846887	410.00	410.50	0.50	0.03	0.02	0.80	0.00
			846888	410.50	411.00	0.50	0.04	0.01	0.90	0.00
			846889	411.00	412.00	1.00	0.01	0.02	0.30	0.00

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
412.00	438.00	**I3e, Intrusive Mafic Ferrogabbro** Magnetic massive ferrogabbro, grey to light grey, unaltered. Gradational lower contact	846890	412.00	413.50	1.50	0.01	0.01	0.40	0.00
			846891	413.50	415.00	1.50	0.01	0.01	0.30	0.00
			846892	415.00	416.50	1.50	0.01	0.01	0.40	0.00
			846832	415.50	415.60	0.10	0.01	0.02	0.05	
			846893	416.50	417.50	1.00	0.01	0.00	0.40	0.00
			846894	417.50	418.50	1.00	0.01	0.01	0.50	0.00
			846895	418.50	419.00	0.50	0.02	0.01	0.70	0.00
			846896	419.00	420.00	1.00	0.01	0.01	0.40	0.00
			846898	420.00	421.50	1.50	0.01	0.01	0.40	0.00
			846899	421.50	423.00	1.50	0.00	0.01	0.30	0.00
			846900	423.00	424.50	1.50	0.01	0.01	0.30	0.00
			846901	424.50	426.00	1.50	0.00	0.01	0.30	0.00
			846902	426.00	427.50	1.50	0.00	0.01	0.30	0.00
			846833	427.30	427.40	0.10	0.01	0.01	0.05	
			846903	427.50	429.00	1.50	0.00	0.01	0.30	0.00
			846904	429.00	430.50	1.50	0.01	0.01	0.30	0.00
			846905	430.50	432.00	1.50	0.02	0.01	0.30	0.00
			846906	432.00	433.50	1.50	0.01	0.01	0.40	0.00
			846907	433.50	435.00	1.50	0.00	0.01	0.30	0.00
			846908	435.00	436.50	1.50	0.01	0.01	0.30	0.00
			846909	436.50	438.00	1.50	0.02	0.01	0.50	0.00

Hole Number: **BP12-CU08**

Units: METRIC

Detailed Lithology

From	To	Lithology
438.00	500.84	**V2a, Volcanic Intermediate andesite-massive** Siliceous and mottled dacite flow rock (flow breccias) with coarse spherulites and crystalline matrix with anthophyllite and biotite in matrix. Na depleted, Mg-Fe enriched. Unit becomes aphanitic below 486m. Unit has moderate to strong foliation.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
846910	438.00	439.50	1.50	0.01	0.01	0.60	0.00
846911	439.50	441.00	1.50	0.01	0.00	0.60	0.00
846834	440.13	440.23	0.10	0.00	0.00	0.05	
846912	441.00	442.50	1.50	0.00	0.00	0.40	0.00
846913	442.50	444.00	1.50	0.01	0.00	0.50	0.00
846914	444.00	445.50	1.50	0.01	0.00	0.60	0.00
846915	445.50	447.00	1.50	0.00	0.01	0.50	0.00
846916	447.00	448.50	1.50	0.01	0.00	0.50	0.00
846917	448.50	450.00	1.50	0.01	0.00	0.40	0.00
846918	450.00	451.50	1.50	0.01	0.01	0.50	0.00
846919	451.50	453.00	1.50	0.00	0.01	0.50	0.00
846920	453.00	454.50	1.50	0.00	0.00	0.40	0.00
846921	454.50	456.00	1.50	0.00	0.00	0.30	0.00
846922	456.00	457.50	1.50	0.00	0.00	0.30	0.00
846924	457.50	459.00	1.50	0.00	0.00	0.30	0.01
846925	459.00	460.50	1.50	0.00	0.00	0.30	0.00
846926	460.50	462.00	1.50	0.00	0.01	0.40	0.00
846835	463.05	463.15	0.10	0.00	0.01	0.05	
846928	463.50	465.00	1.50	0.00	0.01	0.50	0.00
846929	465.00	466.50	1.50	0.00	0.01	0.40	0.00
846930	466.50	468.00	1.50	0.01	0.01	0.40	0.00
846932	468.00	469.50	1.50	0.01	0.01	0.30	0.00
846933	469.50	471.00	1.50	0.00	0.02	0.30	0.00
846934	471.00	472.50	1.50	0.00	0.01	0.30	0.00
846836	482.07	482.17	0.10	0.00	0.01	0.05	
846837	500.60	500.70	0.10	0.00	0.01	0.05	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451458	17.72	17.82	0.0009	0.0054	0.0500	
451459	22.65	22.75	0.0002	0.0055	0.0500	
451460	28.12	28.22	0.0013	0.0029	0.0500	
451461	33.08	33.16	0.0001	0.0035	0.0500	
451462	41.71	41.81	0.0005	0.0050	0.0500	
846566	42.00	44.00	0.0022	0.0039	0.3000	0.0020
846567	44.00	45.75	0.0026	0.0035	0.3000	0.0020
846568	45.75	46.50	0.0088	0.0012	0.4000	0.0020
846569	46.50	48.00	0.0013	0.0033	0.3000	0.0020
846570	48.00	50.00	0.0015	0.0040	0.3000	0.0020
846571	53.00	55.00	0.0016	0.0052	0.3000	0.0020
846572	55.00	56.00	0.0024	0.0023	0.5000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
846574	56.00	57.00	0.0008	0.0028	0.5000	0.0020
846575	57.00	58.00	0.0029	0.0039	0.4000	0.0020
846576	58.00	59.00	0.0007	0.0054	0.3000	0.0020
846577	59.00	60.00	0.0019	0.0053	0.3000	0.0020
846578	60.00	62.00	0.0031	0.0030	0.3000	0.0030
451463	61.07	61.15	0.0003	0.0036	0.0500	
451464	76.50	76.57	0.0015	0.0079	0.0500	
846579	78.00	80.00	0.0143	0.0065	0.3000	0.0020
846581	80.00	81.00	0.0025	0.0048	0.3000	0.0020
846582	81.00	83.00	0.0003	0.0049	0.3000	0.0020
846583	91.00	92.50	0.0002	0.0030	0.3000	0.0020
846584	92.50	93.50	0.0008	0.0025	0.3000	0.0020
846585	93.50	95.00	0.0025	0.0032	0.3000	0.0020
451465	94.37	94.50	0.0074	0.0029	0.0700	
846586	95.00	97.00	0.0005	0.0018	0.3000	0.0020
451466	102.23	102.31	0.0001	0.0035	0.0500	
451467	111.54	111.62	0.0019	0.0031	0.1500	
451468	125.43	125.52	0.0003	0.0025	0.0500	
846587	138.00	140.00	0.0002	0.0039	0.3000	0.0020
846588	140.00	141.25	0.0003	0.0039	0.3000	0.0020
846589	141.25	142.00	0.0129	0.0031	0.3000	0.0020
846591	142.00	144.00	0.0036	0.0025	0.4000	0.0020
451469	144.14	144.23	0.0007	0.0028	0.0500	
846592	158.00	160.00	0.0007	0.0033	0.5000	0.0020
846593	160.00	161.00	0.0041	0.0027	0.4000	0.0020
846594	161.00	163.00	0.0030	0.0035	0.3000	0.0020
451470	161.16	161.25	0.0002	0.0029	0.0500	
846595	163.00	164.00	0.0016	0.0039	0.4000	0.0020
846596	164.00	165.00	0.0086	0.0038	0.4000	0.0020
846597	165.00	166.00	0.0029	0.0031	0.4000	0.0020
846598	166.00	167.00	0.0022	0.0036	0.5000	0.0020
846599	167.00	169.00	0.0014	0.0039	0.3000	0.0020
846601	176.00	178.00	0.0051	0.0045	0.4000	0.0020
846602	178.00	178.50	0.0143	0.0046	0.4000	0.0020
846603	178.50	180.00	0.0021	0.0043	0.3000	0.0020
451471	179.73	179.83	0.0002	0.0045	0.1700	
846604	186.00	187.50	0.0012	0.0044	0.3000	0.0020
846605	187.50	188.50	0.0073	0.0074	0.3000	0.0020
846606	188.50	190.00	0.0061	0.0083	0.3000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451472	188.69	188.78	0.0132	0.0084	0.1200	
846607	190.00	193.00	0.0050	0.0108	0.3000	0.0020
846608	193.00	196.00	0.0089	0.0115	0.3000	0.0020
846609	196.00	197.00	0.0089	0.0114	0.3000	0.0020
846610	197.00	200.00	0.0071	0.0126	0.3000	0.0020
451473	199.42	199.50	0.0014	0.0138	0.0900	
846611	200.00	203.00	0.0105	0.0128	0.3000	0.0020
846612	203.00	204.00	0.0137	0.0109	0.3000	0.0020
846613	204.00	205.00	0.0103	0.0109	0.3000	0.0020
846614	205.00	208.00	0.0095	0.0113	0.3000	0.0020
846615	208.00	211.00	0.0064	0.0119	0.3000	0.0020
846616	211.00	213.00	0.0060	0.0105	0.3000	0.0020
846617	213.00	214.00	0.0089	0.0088	0.3000	0.0020
846618	214.00	216.00	0.0072	0.0094	0.3000	0.0020
451474	214.50	214.60	0.0081	0.0124	0.1000	
451475	219.10	219.20	0.0001	0.0038	0.0500	
451476	224.26	224.36	0.0044	0.0094	0.0500	
451477	227.30	227.40	0.0001	0.0030	0.0500	
451478	231.87	231.97	0.0007	0.0025	0.0500	
451479	239.23	239.33	0.0001	0.0038	0.0500	
846978	245.40	245.50	0.0002	0.0033	0.0500	
846979	256.40	256.50	0.0013	0.0174	0.0500	
846980	258.42	258.52	0.0013	0.0057	0.0500	
846981	261.27	261.37	0.0007	0.0028	0.0500	
846982	263.55	263.65	0.0012	0.0029	0.0500	
846983	272.88	272.98	0.0110	0.0270	0.0500	
846984	281.55	281.65	0.0014	0.0048	0.0500	
846985	287.35	287.45	0.0018	0.0024	0.0500	
846986	292.40	292.50	0.0012	0.0027	0.0500	
846619	297.00	299.00	0.0088	0.0086	0.4000	0.0020
846987	298.40	298.50	0.0058	0.0069	0.0500	
846621	299.00	299.50	0.0137	0.0046	0.4000	0.0020
846622	299.50	301.50	0.0006	0.0037	0.3000	0.0020
846623	301.50	302.50	0.0016	0.0042	0.3000	0.0020
846624	302.50	303.00	0.0019	0.0039	0.5000	0.0020
846625	303.00	304.50	0.0007	0.0037	0.4000	0.0020
846626	304.50	305.50	0.0074	0.0033	0.3000	0.0020
846627	305.50	306.50	0.0005	0.0038	0.4000	0.0020
846628	306.50	308.00	0.0002	0.0028	0.3000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
846629	308.00	310.00	0.0037	0.0037	0.4000	0.0020
846631	310.00	311.50	0.0009	0.0042	0.4000	0.0020
846632	311.50	312.50	0.0001	0.0038	0.3000	0.0020
846633	312.50	313.50	0.0021	0.0035	0.3000	0.0040
846634	313.50	314.50	0.0025	0.0044	0.3000	0.0020
846988	313.60	313.70	0.0023	0.0069	0.0500	
846636	327.00	329.00	0.0015	0.0039	0.4000	0.0020
846637	329.00	329.50	0.0183	0.0040	0.6000	0.0180
846638	329.50	330.00	0.0144	0.0047	0.6000	0.0100
846822	329.62	329.72	0.0027	0.0046	0.0500	
846639	330.00	330.50	0.0105	0.0036	0.4000	0.0050
846641	330.50	331.00	0.0571	0.0035	0.6000	0.0040
846642	331.00	331.50	0.0108	0.0028	0.4000	0.0020
846643	331.50	332.00	0.0034	0.0032	0.3000	0.0020
846644	332.00	333.00	0.0108	0.0029	0.4000	0.0020
846645	333.00	334.50	0.0086	0.0039	0.3000	0.0020
846646	334.50	336.00	0.0009	0.0035	0.3000	0.0020
846647	336.00	337.50	0.0001	0.0023	0.3000	0.0020
846648	337.50	339.00	0.0006	0.0020	0.3000	0.0020
846649	339.00	340.50	0.0009	0.0021	0.3000	0.0020
846650	340.50	342.00	0.0001	0.0031	0.4000	0.0020
846782	342.00	343.50	0.0014	0.0047	0.4000	0.0020
846783	343.50	345.00	0.0028	0.0050	0.4000	0.0020
846784	345.00	346.50	0.0011	0.0051	0.5000	0.0020
846785	346.50	348.00	0.0016	0.0055	0.3000	0.0020
846786	348.00	349.00	0.0011	0.0044	0.5000	0.0020
846823	348.52	348.62	0.0001	0.0059	0.0500	
846788	349.00	350.00	0.0026	0.0074	0.3000	0.0020
846789	350.00	351.00	0.0047	0.0069	0.3000	0.0020
846790	351.00	352.50	0.0037	0.0083	0.3000	0.0020
846791	352.50	354.00	0.0043	0.0137	0.3000	0.0020
846792	354.00	355.50	0.0063	0.0089	0.4000	0.0020
846793	355.50	357.00	0.0061	0.0090	0.6000	0.0020
846794	357.00	358.50	0.0047	0.0093	0.3000	0.0020
846824	357.30	357.40	0.0026	0.0128	0.0500	
846795	358.50	360.00	0.0043	0.0085	0.3000	0.0110
846796	360.00	361.50	0.0058	0.0041	0.7000	0.0050
846797	361.50	363.00	0.0035	0.0034	0.6000	0.0110
846798	363.00	364.50	0.0004	0.0033	0.4000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
846825	363.62	363.72	0.0001	0.0025	0.0500	
846799	364.50	366.00	0.0004	0.0026	0.6000	0.0020
846851	366.00	367.50	0.0020	0.0052	0.4000	0.0020
846852	367.50	369.00	0.0079	0.0094	0.4000	0.0020
846853	369.00	370.50	0.0031	0.0078	0.4000	0.0020
846854	370.50	372.00	0.0071	0.0148	0.3000	0.0060
846855	372.00	373.50	0.0021	0.0133	0.5000	0.0020
846856	373.50	375.00	0.0001	0.0074	0.5000	0.0020
846857	375.00	376.50	0.0006	0.0085	0.7000	0.0020
846858	376.50	378.00	0.0003	0.0031	0.5000	0.0020
846859	378.00	379.00	0.0003	0.0017	0.4000	0.0020
846860	379.00	380.00	0.0011	0.0020	0.6000	0.0020
846861	380.00	381.50	0.0006	0.0029	0.5000	0.0020
846826	381.01	381.11	0.0012	0.0025	0.0500	
846862	381.50	383.00	0.0003	0.0028	0.5000	0.0020
846863	383.00	384.50	0.0008	0.0019	0.4000	0.0020
846864	384.50	386.00	0.0004	0.0055	0.6000	0.0020
846865	386.00	387.50	0.0002	0.0041	0.5000	0.0020
846827	386.86	386.96	0.0025	0.0097	0.0500	
846867	387.50	389.00	0.0013	0.0053	0.3000	0.0020
846868	389.00	390.50	0.0023	0.0119	0.4000	0.0020
846869	390.50	392.00	0.0069	0.0143	0.4000	0.0020
846828	391.02	391.12	0.0032	0.0114	0.0500	
846870	392.00	393.50	0.0095	0.0125	0.5000	0.0020
846871	393.50	395.00	0.0029	0.0121	0.4000	0.0020
846829	394.50	394.60	0.0028	0.0186	0.0500	
846872	395.00	396.50	0.0011	0.0121	0.4000	0.0020
846874	396.50	398.00	0.0023	0.0181	0.3000	0.0020
846830	397.75	397.85	0.0019	0.0191	0.0500	
846875	398.00	398.50	0.0025	0.0158	0.4000	0.0020
846876	398.50	399.00	0.0180	0.0144	0.8000	0.0060
846877	399.00	400.00	0.0053	0.0155	0.6000	0.0030
846878	400.00	401.50	0.0046	0.0139	0.4000	0.0020
846831	400.40	400.50	0.0069	0.0128	0.0500	
846879	401.50	403.00	0.0036	0.0139	0.6000	0.0020
846880	403.00	404.50	0.0064	0.0142	0.4000	0.0020
846882	404.50	406.00	0.0023	0.0131	0.3000	0.0020
846883	406.00	407.50	0.0109	0.0186	0.4000	0.0020
846884	407.50	409.00	0.0081	0.0153	0.5000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

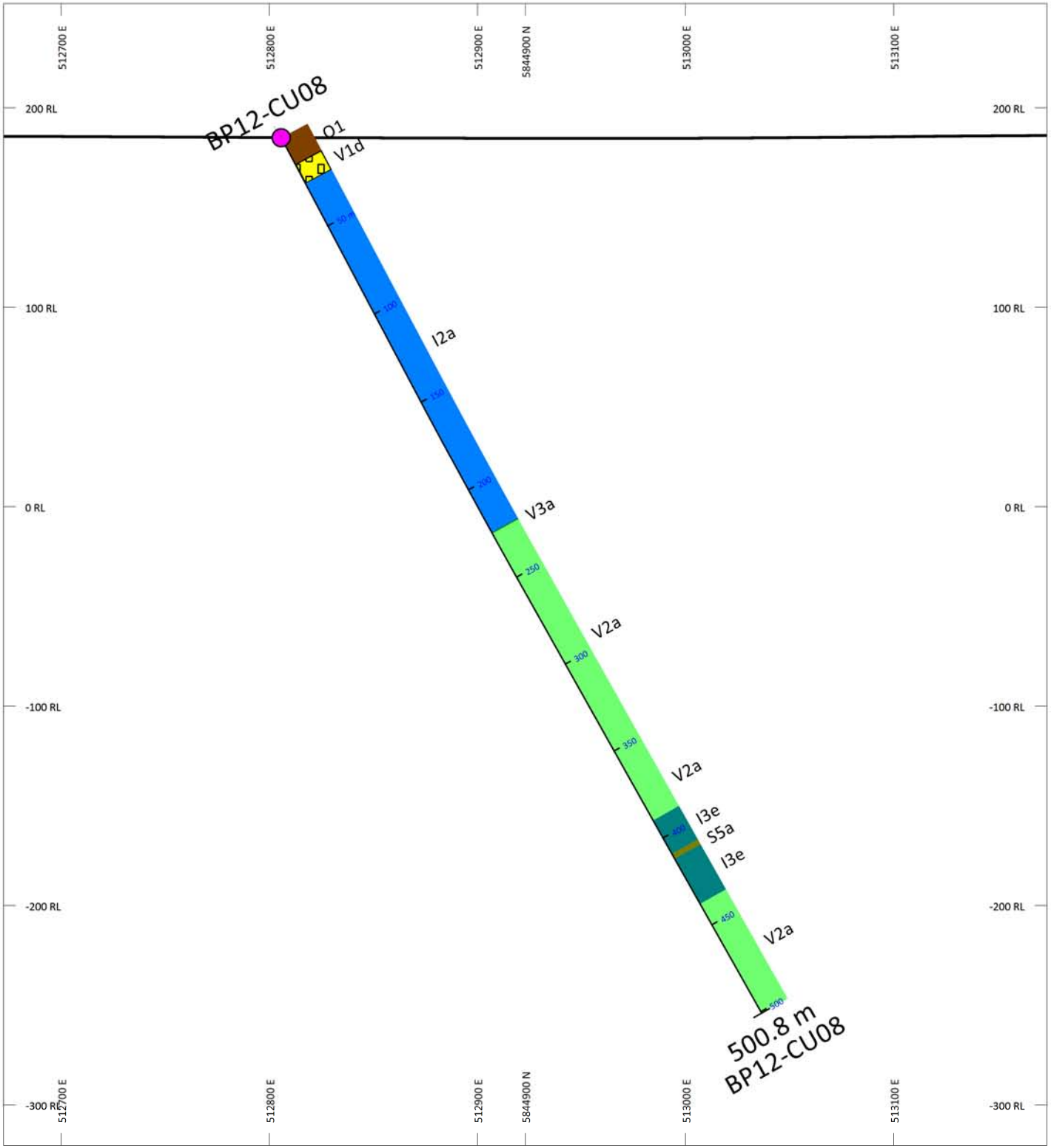
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
846885	409.00	409.50	0.0186	0.0212	0.7000	0.0020
846886	409.50	410.00	0.0540	0.0143	1.4000	0.0090
846887	410.00	410.50	0.0281	0.0172	0.8000	0.0040
846888	410.50	411.00	0.0355	0.0093	0.9000	0.0040
846889	411.00	412.00	0.0103	0.0186	0.3000	0.0020
846890	412.00	413.50	0.0096	0.0126	0.4000	0.0020
846891	413.50	415.00	0.0079	0.0118	0.3000	0.0020
846892	415.00	416.50	0.0071	0.0111	0.4000	0.0020
846832	415.50	415.60	0.0055	0.0172	0.0500	
846893	416.50	417.50	0.0058	0.0036	0.4000	0.0020
846894	417.50	418.50	0.0123	0.0055	0.5000	0.0020
846895	418.50	419.00	0.0202	0.0062	0.7000	0.0030
846896	419.00	420.00	0.0116	0.0103	0.4000	0.0020
846898	420.00	421.50	0.0093	0.0076	0.4000	0.0020
846899	421.50	423.00	0.0045	0.0117	0.3000	0.0020
846900	423.00	424.50	0.0094	0.0129	0.3000	0.0020
846901	424.50	426.00	0.0043	0.0080	0.3000	0.0030
846902	426.00	427.50	0.0046	0.0094	0.3000	0.0020
846833	427.30	427.40	0.0054	0.0145	0.0500	
846903	427.50	429.00	0.0039	0.0094	0.3000	0.0020
846904	429.00	430.50	0.0077	0.0082	0.3000	0.0020
846905	430.50	432.00	0.0161	0.0103	0.3000	0.0020
846906	432.00	433.50	0.0050	0.0133	0.4000	0.0020
846907	433.50	435.00	0.0019	0.0121	0.3000	0.0020
846908	435.00	436.50	0.0058	0.0146	0.3000	0.0020
846909	436.50	438.00	0.0171	0.0110	0.5000	0.0020
846910	438.00	439.50	0.0141	0.0090	0.6000	0.0020
846911	439.50	441.00	0.0081	0.0044	0.6000	0.0020
846834	440.13	440.23	0.0005	0.0040	0.0500	
846912	441.00	442.50	0.0009	0.0033	0.4000	0.0020
846913	442.50	444.00	0.0067	0.0038	0.5000	0.0020
846914	444.00	445.50	0.0090	0.0038	0.6000	0.0020
846915	445.50	447.00	0.0015	0.0050	0.5000	0.0020
846916	447.00	448.50	0.0050	0.0038	0.5000	0.0020
846917	448.50	450.00	0.0076	0.0045	0.4000	0.0020
846918	450.00	451.50	0.0051	0.0054	0.5000	0.0020
846919	451.50	453.00	0.0025	0.0065	0.5000	0.0020
846920	453.00	454.50	0.0020	0.0045	0.4000	0.0020
846921	454.50	456.00	0.0025	0.0042	0.3000	0.0020

Hole Number: **BP12-CU08**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
846922	456.00	457.50	0.0020	0.0021	0.3000	0.0040
846924	457.50	459.00	0.0025	0.0018	0.3000	0.0050
846925	459.00	460.50	0.0006	0.0026	0.3000	0.0020
846926	460.50	462.00	0.0010	0.0061	0.4000	0.0020
846835	463.05	463.15	0.0002	0.0072	0.0500	
846928	463.50	465.00	0.0006	0.0146	0.5000	0.0020
846929	465.00	466.50	0.0018	0.0111	0.4000	0.0020
846930	466.50	468.00	0.0078	0.0102	0.4000	0.0020
846932	468.00	469.50	0.0053	0.0118	0.3000	0.0020
846933	469.50	471.00	0.0022	0.0180	0.3000	0.0020
846934	471.00	472.50	0.0021	0.0133	0.3000	0.0020
846836	482.07	482.17	0.0002	0.0119	0.0500	
846837	500.60	500.70	0.0027	0.0079	0.0500	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Diorite
		Ferrogabbro
		Overburden
		Silica iron formation
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Mafic massive/flow volcanics

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512923 m	5844900 m
EXTENTS	523.2 m	572.7 m
SECTION TOP, BOT	252.3 m	-320.4 m
TOLERANCE +/-	25 m	

SCALE 1 : 3000

(m)

-20 0 20 40 60 80 100

NAD83 / UTM zone 16N

AZIMUTH = 73.4°

N W E S

Butler Property

Cross-Section

Butler 3 Footwall

BP12-CU08

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP12-CU09**	Units: Metric

Cover Page

Project Name:	Butler Butler 3 Footwall	Datum: UTM Zone:	NAD83 16N			
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2012 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512637 5844721 185	Collar Azimuth: Collar Dip: Final Depth (m):	283 -63 409.5	Mining Claim(s) / Provincial Cell Grid(s): Township:	340490 (43D15C390) BMA 527 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 14.1	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cyr Drilling 28-Apr-2012 3-May-2012

ReLog Notes	The hole was drilled into the footwall stratigraphy of Butler 3 and probably drilled down the dip of the stratigraphic plane resulting in a greater apparent thickness of units, covering only ~60m of stratigraphy. The drill hole collared into interpreted felsic to intermediate volcanics from 14 to 23m with a massive unit appearing re-crystalized with no apparent texture. From 23 to ~64m rock varies from vague fragmental texture to massive fine-grained homogenous texture. Compositionally, the interval is darker in colour, but pXRF data is interpreted to reflect intercalated felsic and intermediate compositions. Magnetic susceptibility is elevated possibly reflecting some Fe-enrichment (magnetite and darkening the colour). From 64m to ~150m the rocks appear as volcaniclastic to tuffaceous, and display size and compositional grading trends from coarser (lighter coloured) felsic to finer (darker coloured) intermediate. Compositionally, this is apparent in the pXRF with a broad down hole increase in Zr/Ti ratios (higher felsic content). Moderate iron enrichment (increasing Fe/Ti ratio) is observed from 150m down hole with weakly developed silicate Fe-formation noted at 160m comprising garnet-grunerite and possible cordierite, weak magnetite accumulation is apparent in the magnetic susceptibility dataset. Compositionally, the rocks are still mixed intermediate and felsic. Anthophyllite is present throughout and overprinting all units. At ~209m graded bedding is observed at the start of a fine-grained homogenous sequence of metasedimentary rocks with magnetite abundance increasing down hole. Unit continuous to a depth of ~257.9m, with magnetic susceptibility intensity dropping off at ~237m. Overall interval is felsic in composition and lacks the intercalation of intermediate compositions observed higher in the stratigraphy. From 257.9m to ~300m fine grained metasedimentary rocks are observed, but compositionally these are now exclusively intermediate in composition with a homogeneous equigranular texture. A narrow (~1m) chlorite silicate-Fe formation containing brown garnet is observed at 300m. This unit demarks Na-depletion above (up stratigraphy) from Na-undepleted below. Compositionally, the footwall is intercalated intermediate and felsic volcaniclastic (commonly narrow intervals of quartz-crystal tuffs) becoming more massive (dacite?) down hole below 393m with interfingers of intruding granite to the end of hole.

DETAILED LOG

Hole Number: **BP12-CU09** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-63.00
Project Number:	Butler	North:	5844721.00	North:	5844721.00	Collar Az:	283.00
Location:		East:	512637.00	East:	512637.00	Length:	409.50
		Elev:	185.00	Elev:	185.00	Start Depth:	0.00
Date Started:	Apr 28, 2012	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 409.50
Date Completed:	May 03, 2012	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3 Footwall; the top of the hole is mainly a felsic volcanic unit with coarse to medium grained anthophyllite alteration throughout

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	283.00	-63.00	UK	OK		**37.50**	273.70	-63.90	UK	OK	Test done by shawn
136.50	284.80	-60.20	UK	OK	Test done by shawn	**238.50**	293.60	-58.20	UK	OK	Test done by shawn
337.50	297.00	-57.30	UK	OK	Test done by A Thaxter (whitey)	**409.50**	297.40	-56.90	UK	OK	Test done by shawn at EOH

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	14.10	**O1, Overburden Unclassified** Overburden								
14.10	23.00	**V1a, Volcanic Felsic rhyodacite - massive** Felsic to intermediate volcanics, massive, appears recrystallized with no apparent texture	1309001	16.85	16.93	0.08	0.00	0.00	0.05	
23.00	64.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Varies from fragmental to massive fine-grained homogenous texture. Compositionally, the interval is darker in colour, but pXRF data is interpreted to reflect intercalated felsic and intermediate compositions. Magnetic susceptibility is elevated possibly reflecting some Fe-enrichment (magnetite and darkening the colour).	1309002	23.34	23.44	0.10	0.00	0.01	0.05	
			1309301	25.64	26.20	0.56	0.02	0.00	0.30	0.00
			1309302	26.20	27.20	1.00	0.02	0.01	0.40	0.00
			1309303	27.20	28.00	0.80	0.01	0.01	0.40	0.00
			1309003	27.38	27.48	0.10	0.00	0.00	0.05	
			1309304	28.00	29.00	1.00	0.01	0.01	0.30	0.00
			1309305	31.10	32.06	0.96	0.00	0.01	0.30	0.00
			1309004	32.06	32.12	0.06	0.00	0.01	0.18	
			1309005	35.74	35.82	0.08	0.00	0.01	0.05	
			1309306	45.00	46.00	1.00	0.01	0.01	0.30	0.00
			1309307	46.00	47.00	1.00	0.00	0.02	0.30	0.00
			1309006	47.40	47.49	0.09	0.00	0.02	0.05	
			1309007	52.16	52.24	0.08	0.00	0.01	0.07	
			1309008	59.65	59.73	0.08	0.00	0.01	0.05	

Hole Number: **BP12-CU09**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
64.00	150.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Volcaniclastic to tuffaceous, size and compositional grading trends from coarser (lighter coloured) felsic to finer (darker coloured) intermediate downhole. Compositionally, this is apparent in the pXRF with a broad down hole increase in Zr/Ti ratios (higher felsic content).	1309308	64.50	66.00	1.50	0.01	0.01	0.40	0.00
			1309309	66.00	66.40	0.40	0.00	0.00	0.50	0.00
			1309009	67.42	67.50	0.08	0.00	0.00	0.05	
			1309310	71.00	72.50	1.50	0.00	0.00	0.60	0.00
			1309010	74.59	74.68	0.09	0.00	0.00	0.05	
			1309011	94.64	94.73	0.09	0.00	0.01	0.05	
			1309012	99.52	99.63	0.11	0.00	0.01	0.05	
			1309013	109.76	109.84	0.08	0.01	0.01	0.05	
			1309014	122.56	122.68	0.12	0.00	0.02	0.05	
			1309015	131.61	131.73	0.12	0.00	0.02	0.05	
			1309016	144.89	145.00	0.11	0.00	0.00	0.05	
150.00	160.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Moderate Fe enrichment (increasing Fe/Ti ratio) is observed from 150m down hole. Compositionally rocks are mixed intermediate and felsic. Anthophyllite is present throughout and overprinting all units.	1309017	151.80	151.90	0.10	0.00	0.01	0.05	
160.00	161.00	**S5a, Sedimentary Other silica iron formation** Weakly developed silicate Fe-formation comprising garnet-grunerite and possible cordierite, weak magnetite accumulation is apparent in the mag-sus dataset	1309018	160.10	160.16	0.06	0.00	0.01	0.05	
161.00	209.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Moderate Fe enrichment (increasing Fe/Ti ratio) is observed from 150m down hole. Compositionally rocks are mixed intermediate and felsic. Anthophyllite is present throughout and overprinting all units.	1309019	169.25	169.36	0.11	0.00	0.01	0.05	
			1309311	180.00	181.00	1.00	0.00	0.00	0.50	0.00
			1309312	181.00	182.10	1.10	0.00	0.00	0.60	0.00
			1309313	182.10	183.00	0.90	0.00	0.00	0.50	0.00
			1309314	183.00	184.00	1.00	0.00	0.00	0.50	0.00
			1309315	184.00	185.00	1.00	0.00	0.01	0.40	0.00
			1309316	185.00	186.00	1.00	0.00	0.01	0.50	0.00
			1309317	186.00	187.00	1.00	0.00	0.01	0.30	0.00
			1309020	186.35	186.44	0.09	0.00	0.01	0.05	
			1309318	187.00	188.00	1.00	0.00	0.01	0.40	0.00
			1309319	188.00	189.00	1.00	0.00	0.01	0.50	0.00
			1309021	207.30	207.43	0.13	0.00	0.01	0.05	
209.00	257.90	**S1c, Sedimentary Felsic siltstone** Graded bedding is observed at the start of a fine-grained homogenous sequence of metasedimentary rocks with magnetite abundance increasing down hole. Unit continuous to a depth of ~257.9m, with magnetic susceptibility intensity dropping off at ~237m. Overall interval is felsic in composition and lacks the intercalation of intermediate compositions observed higher in the stratigraphy.	1309022	214.09	214.22	0.13	0.00	0.00	0.05	
			1309023	219.06	219.18	0.12	0.00	0.00	0.05	
			1309024	232.86	233.00	0.14	0.00	0.01	0.05	
			1309025	252.03	252.12	0.09	0.00	0.00	0.05	
			1309645	256.20	257.70	1.50	0.00	0.01	1.20	0.01
			1309646	257.70	259.00	1.30	0.00	0.01	0.30	0.01

Hole Number: **BP12-CU09** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
257.90	290.00	**S2, Sedimentary Intermediate** Fine grained metasedimentary rocks are observed, but compositionally these are now exclusively intermediate in composition with a homogeneous equigranular texture. Might be fine grained intermediate intrusive	1309647	259.00	260.00	1.00	0.00	0.00	0.40	0.01
			1309648	260.00	261.00	1.00	0.00	0.00	0.50	0.01
			1309649	261.00	262.50	1.50	0.00	0.01	0.40	0.01
			1309026	261.70	261.80	0.10	0.00	0.00	0.05	
			1309650	262.50	264.00	1.50	0.00	0.01	0.50	0.01
			1309651	264.00	265.50	1.50	0.00	0.01	0.60	0.01
			1309652	265.50	267.00	1.50	0.00	0.01	0.40	0.01
			1309653	267.00	268.50	1.50	0.00	0.01	0.40	0.01
			1309654	268.50	270.00	1.50	0.00	0.01	0.30	0.01
			1309655	270.00	271.50	1.50	0.00	0.00	0.30	0.01
			1309656	271.50	273.00	1.50	0.00	0.00	0.40	0.01
			1309027	271.59	271.68	0.09	0.00	0.00	0.05	
			1309657	273.00	274.50	1.50	0.00	0.00	0.60	0.01
			1309658	274.50	276.00	1.50	0.00	0.00	0.40	0.01
			1309659	276.00	277.50	1.50	0.00	0.00	0.50	0.01
			1309028	277.50	277.59	0.09	0.00	0.00	0.05	
			1309661	277.50	279.00	1.50	0.00	0.00	0.50	0.01
			1309662	279.00	280.50	1.50	0.00	0.00	0.30	0.01
			1309663	280.50	282.00	1.50	0.00	0.00	0.30	0.01
			1309664	282.00	283.50	1.50	0.00	0.01	0.30	0.01
			1309666	283.50	285.00	1.50	0.00	0.00	0.50	0.01
			1309667	285.00	286.50	1.50	0.00	0.00	0.30	0.01
			1309668	286.50	288.00	1.50	0.00	0.00	0.30	0.01
			1309669	288.00	289.50	1.50	0.00	0.00	0.70	0.01
			1309029	289.30	289.40	0.10	0.00	0.00	0.05	
			1309671	289.50	291.00	1.50	0.00	0.00	0.40	0.01
290.00	292.00	**S1b, Sedimentary Felsic sandstone** Felsic sandstone with finely bedded siltstone at top of unit.	1309672	291.00	292.50	1.50	0.00	0.01	0.30	0.01
292.00	300.00	**S2, Sedimentary Intermediate** Fine grained metasedimentary rocks are observed, but compositionally these are now exclusively intermediate in composition with a homogeneous equigranular texture. Might be fine grained intermediate intrusive	1309673	292.50	294.00	1.50	0.00	0.00	0.50	0.01
			1309674	294.00	295.50	1.50	0.00	0.00	0.30	0.01
			1309675	295.50	297.00	1.50	0.00	0.00	0.60	0.01
			1309676	297.00	298.50	1.50	0.00	0.00	0.30	0.01
			1309677	298.50	300.00	1.50	0.00	0.00	0.40	0.01
300.00	301.00	**S5a, Sedimentary Other silica iron formation** Chlorite silicate-Fe formation containing brown garnet. This unit demarks Na-depletion above (up stratigraphy) from Na-undepleted below.	1309678	300.00	301.50	1.50	0.00	0.00	0.70	0.01
			1309030	300.65	300.75	0.10	0.00	0.00	0.05	
301.00	304.00	**S1d, Sedimentary Felsic mudstone** Fine grained silty mudstone, finely banded	1309679	301.50	303.00	1.50	0.00	0.00	0.70	0.01
			1309681	303.00	304.50	1.50	0.00	0.00	0.60	0.01

Hole Number: **BP12-CU09**

Units: METRIC

Detailed Lithology			Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
304.00	393.00	**V2a, Volcanic Intermediate andesite-massive** Intercalated intermediate and felsic volcaniclastic (commonly narrow intervals of quartz-crystal tuffs)	1309682	304.50	306.00	1.50	0.00	0.00	0.40	0.01
			1309683	306.00	307.50	1.50	0.00	0.00	0.40	0.01
			1309031	307.19	307.30	0.11	0.00	0.00	0.07	
			1309684	307.50	309.00	1.50	0.00	0.00	0.30	0.01
			1309685	309.00	310.50	1.50	0.00	0.00	0.50	0.01
			1309686	310.50	312.00	1.50	0.00	0.00	0.80	0.01
			1309687	312.00	313.50	1.50	0.00	0.00	0.60	0.01
			1309688	313.50	315.00	1.50	0.00	0.00	0.70	0.01
			1309689	315.00	316.50	1.50	0.00	0.00	0.30	0.01
			1309690	316.50	318.00	1.50	0.00	0.00	0.70	0.01
			1309691	318.00	319.50	1.50	0.00	0.00	0.60	0.01
			1309692	319.50	321.25	1.75	0.00	0.00	0.30	0.01
			1309344	321.28	322.10	0.82	0.00	0.00	0.30	0.00
			1309345	322.10	323.00	0.90	0.00	0.00	0.30	0.00
			1309693	323.00	324.00	1.00	0.00	0.00	0.30	0.01
			1309694	324.00	325.50	1.50	0.00	0.00	0.60	0.01
			1309696	325.50	327.00	1.50	0.00	0.00	0.70	0.01
			1309032	326.50	326.60	0.10	0.00	0.00	0.24	
			1309697	327.00	328.50	1.50	0.00	0.00	0.80	0.01
			1309698	328.50	330.00	1.50	0.00	0.00	0.30	0.01
			1309699	330.00	331.50	1.50	0.00	0.00	0.30	0.01
			1309701	331.50	333.00	1.50	0.00	0.00	0.80	0.01
			1309702	333.00	334.50	1.50	0.00	0.00	0.70	0.01
			1309703	334.50	336.00	1.50	0.00	0.00	0.30	0.01
			1309704	336.00	337.50	1.50	0.00	0.00	0.80	0.01
			1309706	337.50	339.00	1.50	0.00	0.00	0.60	0.01
			1309707	339.00	340.50	1.50	0.00	0.00	0.90	0.01
			1309033	339.19	339.30	0.11	0.00	0.00	0.09	
			1309708	340.50	342.00	1.50	0.00	0.00	0.80	0.01
			1309709	342.00	343.00	1.00	0.00	0.00	0.60	0.01
			1309321	343.00	344.00	1.00	0.00	0.00	0.50	0.00
			1309322	344.00	345.00	1.00	0.00	0.00	0.40	0.00
			1309323	345.00	346.00	1.00	0.00	0.00	0.40	0.00
			1309034	358.17	358.27	0.10	0.00	0.01	0.05	
			1309324	363.50	364.50	1.00	0.00	0.00	0.30	0.00
			1309325	364.50	365.50	1.00	0.00	0.00	0.30	0.00
			1309035	365.38	365.47	0.09	0.00	0.00	0.12	
			1309326	365.50	366.50	1.00	0.00	0.00	0.30	0.01
			1309327	366.50	367.50	1.00	0.00	0.00	0.40	0.00
			1309328	367.50	368.50	1.00	0.00	0.00	0.30	0.00
			1309330	368.50	369.50	1.00	0.00	0.00	1.20	0.00
			1309331	369.50	370.50	1.00	0.00	0.00	0.30	0.00
			1309332	370.50	371.96	1.46	0.00	0.00	0.60	0.00

DETAILED LOG

Hole Number: **BP12-CU09**

Units: METRIC

Detailed Lithology			Assay Data						
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
			1309036	371.10	371.20	0.10	0.00	0.00	0.06	
			1309333	371.96	373.50	1.54	0.00	0.00	0.30	0.00
			1309334	373.50	374.68	1.18	0.00	0.00	0.50	0.00
			1309336	374.68	376.00	1.32	0.00	0.00	0.30	0.00
			1309337	376.00	377.50	1.50	0.00	0.00	0.30	0.00
			1309338	377.50	379.00	1.50	0.00	0.00	0.50	0.00
			1309339	379.00	380.50	1.50	0.00	0.00	0.50	0.00
			1309037	379.05	379.13	0.08	0.00	0.00	0.06	
			1309341	380.50	382.00	1.50	0.00	0.00	0.30	0.00
			1309342	382.00	383.00	1.00	0.00	0.00	0.50	0.00
			1309343	383.00	384.00	1.00	0.00	0.00	0.30	0.00
			1309038	389.45	389.55	0.10	0.00	0.00	0.05	
393.00	400.70	**V2a, Volcanic Intermediate andesite-massive** More massive dacite. Intruded by fingers of qtz diorite. Anthophyllite altered, coarse grained, intrusive textures								
400.70	408.50	**I1f, Intrusive Felsic Quartz Diorite** Qtz diorite with anthophyllite alteration, non magnetic, biotite-bearing	1309039	402.69	402.79	0.10	0.00	0.00	0.05	
			1309346	408.40	409.50	1.10	0.01	0.00	0.30	0.00
408.50	409.50	**I3d, Intrusive Mafic Mafic dyke** Mafic dike, hard unaltered, sharp contacts, obvious chill margin (not Proterozoic)								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1309001	16.85	16.93	0.0001	0.0040	0.0500	
1309002	23.34	23.44	0.0023	0.0118	0.0500	
1309301	25.64	26.20	0.0206	0.0049	0.3000	0.0020
1309302	26.20	27.20	0.0157	0.0088	0.4000	0.0020
1309303	27.20	28.00	0.0071	0.0054	0.4000	0.0020
1309003	27.38	27.48	0.0008	0.0048	0.0500	
1309304	28.00	29.00	0.0092	0.0085	0.3000	0.0020
1309305	31.10	32.06	0.0039	0.0055	0.3000	0.0020
1309004	32.06	32.12	0.0007	0.0072	0.1800	
1309005	35.74	35.82	0.0001	0.0065	0.0500	
1309306	45.00	46.00	0.0070	0.0148	0.3000	0.0020
1309307	46.00	47.00	0.0041	0.0162	0.3000	0.0020
1309006	47.40	47.49	0.0015	0.0163	0.0500	
1309007	52.16	52.24	0.0006	0.0136	0.0700	
1309008	59.65	59.73	0.0013	0.0094	0.0500	
1309308	64.50	66.00	0.0083	0.0067	0.4000	0.0030
1309309	66.00	66.40	0.0010	0.0039	0.5000	0.0020
1309009	67.42	67.50	0.0008	0.0038	0.0500	

Hole Number: **BP12-CU09**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1309310	71.00	72.50	0.0004	0.0036	0.6000	0.0020
1309010	74.59	74.68	0.0008	0.0039	0.0500	
1309011	94.64	94.73	0.0004	0.0073	0.0500	
1309012	99.52	99.63	0.0009	0.0091	0.0500	
1309013	109.76	109.84	0.0054	0.0114	0.0500	
1309014	122.56	122.68	0.0037	0.0164	0.0500	
1309015	131.61	131.73	0.0040	0.0202	0.0500	
1309016	144.89	145.00	0.0003	0.0021	0.0500	
1309017	151.80	151.90	0.0001	0.0055	0.0500	
1309018	160.10	160.16	0.0003	0.0075	0.0500	
1309019	169.25	169.36	0.0002	0.0072	0.0500	
1309311	180.00	181.00	0.0004	0.0044	0.5000	0.0020
1309312	181.00	182.10	0.0013	0.0040	0.6000	0.0020
1309313	182.10	183.00	0.0011	0.0041	0.5000	0.0020
1309314	183.00	184.00	0.0007	0.0048	0.5000	0.0020
1309315	184.00	185.00	0.0022	0.0055	0.4000	0.0020
1309316	185.00	186.00	0.0037	0.0076	0.5000	0.0020
1309317	186.00	187.00	0.0028	0.0085	0.3000	0.0020
1309020	186.35	186.44	0.0024	0.0093	0.0500	
1309318	187.00	188.00	0.0041	0.0080	0.4000	0.0020
1309319	188.00	189.00	0.0038	0.0053	0.5000	0.0020
1309021	207.30	207.43	0.0009	0.0083	0.0500	
1309022	214.09	214.22	0.0006	0.0049	0.0500	
1309023	219.06	219.18	0.0003	0.0042	0.0500	
1309024	232.86	233.00	0.0008	0.0085	0.0500	
1309025	252.03	252.12	0.0001	0.0046	0.0500	
1309645	256.20	257.70	0.0008	0.0070	1.2000	0.0050
1309646	257.70	259.00	0.0017	0.0057	0.3000	0.0050
1309647	259.00	260.00	0.0008	0.0045	0.4000	0.0050
1309648	260.00	261.00	0.0013	0.0049	0.5000	0.0050
1309649	261.00	262.50	0.0017	0.0062	0.4000	0.0050
1309026	261.70	261.80	0.0012	0.0038	0.0500	
1309650	262.50	264.00	0.0021	0.0078	0.5000	0.0050
1309651	264.00	265.50	0.0005	0.0098	0.6000	0.0050
1309652	265.50	267.00	0.0010	0.0109	0.4000	0.0050
1309653	267.00	268.50	0.0002	0.0054	0.4000	0.0050
1309654	268.50	270.00	0.0001	0.0052	0.3000	0.0050
1309655	270.00	271.50	0.0007	0.0044	0.3000	0.0050
1309656	271.50	273.00	0.0019	0.0033	0.4000	0.0050

Hole Number: **BP12-CU09**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1309027	271.59	271.68	0.0013	0.0028	0.0500	
1309657	273.00	274.50	0.0002	0.0029	0.6000	0.0050
1309658	274.50	276.00	0.0001	0.0042	0.4000	0.0050
1309659	276.00	277.50	0.0001	0.0042	0.5000	0.0050
1309028	277.50	277.59	0.0001	0.0025	0.0500	
1309661	277.50	279.00	0.0005	0.0032	0.5000	0.0050
1309662	279.00	280.50	0.0003	0.0032	0.3000	0.0050
1309663	280.50	282.00	0.0013	0.0042	0.3000	0.0050
1309664	282.00	283.50	0.0013	0.0070	0.3000	0.0050
1309666	283.50	285.00	0.0003	0.0030	0.5000	0.0050
1309667	285.00	286.50	0.0020	0.0046	0.3000	0.0050
1309668	286.50	288.00	0.0010	0.0041	0.3000	0.0050
1309669	288.00	289.50	0.0004	0.0047	0.7000	0.0050
1309029	289.30	289.40	0.0006	0.0039	0.0500	
1309671	289.50	291.00	0.0005	0.0036	0.4000	0.0050
1309672	291.00	292.50	0.0013	0.0052	0.3000	0.0050
1309673	292.50	294.00	0.0014	0.0045	0.5000	0.0050
1309674	294.00	295.50	0.0022	0.0039	0.3000	0.0050
1309675	295.50	297.00	0.0001	0.0024	0.6000	0.0050
1309676	297.00	298.50	0.0003	0.0028	0.3000	0.0050
1309677	298.50	300.00	0.0001	0.0043	0.4000	0.0050
1309678	300.00	301.50	0.0001	0.0038	0.7000	0.0050
1309030	300.65	300.75	0.0001	0.0040	0.0500	
1309679	301.50	303.00	0.0006	0.0043	0.7000	0.0050
1309681	303.00	304.50	0.0009	0.0047	0.6000	0.0050
1309682	304.50	306.00	0.0001	0.0019	0.4000	0.0050
1309683	306.00	307.50	0.0001	0.0011	0.4000	0.0050
1309031	307.19	307.30	0.0002	0.0008	0.0700	
1309684	307.50	309.00	0.0001	0.0015	0.3000	0.0050
1309685	309.00	310.50	0.0003	0.0012	0.5000	0.0050
1309686	310.50	312.00	0.0010	0.0009	0.8000	0.0050
1309687	312.00	313.50	0.0001	0.0014	0.6000	0.0050
1309688	313.50	315.00	0.0002	0.0014	0.7000	0.0050
1309689	315.00	316.50	0.0006	0.0020	0.3000	0.0050
1309690	316.50	318.00	0.0003	0.0015	0.7000	0.0050
1309691	318.00	319.50	0.0001	0.0012	0.6000	0.0050
1309692	319.50	321.25	0.0005	0.0018	0.3000	0.0050
1309344	321.28	322.10	0.0006	0.0024	0.3000	0.0020
1309345	322.10	323.00	0.0005	0.0017	0.3000	0.0020

Hole Number: **BP12-CU09**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1309693	323.00	324.00	0.0001	0.0015	0.3000	0.0050
1309694	324.00	325.50	0.0002	0.0009	0.6000	0.0050
1309696	325.50	327.00	0.0001	0.0008	0.7000	0.0050
1309032	326.50	326.60	0.0004	0.0008	0.2400	
1309697	327.00	328.50	0.0001	0.0012	0.8000	0.0050
1309698	328.50	330.00	0.0001	0.0015	0.3000	0.0050
1309699	330.00	331.50	0.0001	0.0029	0.3000	0.0050
1309701	331.50	333.00	0.0005	0.0046	0.8000	0.0050
1309702	333.00	334.50	0.0001	0.0040	0.7000	0.0050
1309703	334.50	336.00	0.0002	0.0041	0.3000	0.0050
1309704	336.00	337.50	0.0001	0.0026	0.8000	0.0050
1309706	337.50	339.00	0.0001	0.0020	0.6000	0.0050
1309707	339.00	340.50	0.0001	0.0014	0.9000	0.0050
1309033	339.19	339.30	0.0004	0.0008	0.0900	
1309708	340.50	342.00	0.0001	0.0016	0.8000	0.0050
1309709	342.00	343.00	0.0001	0.0017	0.6000	0.0050
1309321	343.00	344.00	0.0002	0.0026	0.5000	0.0020
1309322	344.00	345.00	0.0001	0.0026	0.4000	0.0020
1309323	345.00	346.00	0.0002	0.0014	0.4000	0.0020
1309034	358.17	358.27	0.0005	0.0106	0.0500	
1309324	363.50	364.50	0.0009	0.0039	0.3000	0.0030
1309325	364.50	365.50	0.0018	0.0028	0.3000	0.0020
1309035	365.38	365.47	0.0010	0.0024	0.1200	
1309326	365.50	366.50	0.0017	0.0023	0.3000	0.0080
1309327	366.50	367.50	0.0019	0.0024	0.4000	0.0020
1309328	367.50	368.50	0.0016	0.0021	0.3000	0.0020
1309330	368.50	369.50	0.0020	0.0027	1.2000	0.0020
1309331	369.50	370.50	0.0021	0.0027	0.3000	0.0020
1309332	370.50	371.96	0.0003	0.0015	0.6000	0.0020
1309036	371.10	371.20	0.0002	0.0011	0.0600	
1309333	371.96	373.50	0.0002	0.0040	0.3000	0.0020
1309334	373.50	374.68	0.0001	0.0035	0.5000	0.0020
1309336	374.68	376.00	0.0001	0.0013	0.3000	0.0020
1309337	376.00	377.50	0.0002	0.0012	0.3000	0.0020
1309338	377.50	379.00	0.0001	0.0010	0.5000	0.0020
1309339	379.00	380.50	0.0001	0.0009	0.5000	0.0020
1309037	379.05	379.13	0.0002	0.0009	0.0600	
1309341	380.50	382.00	0.0004	0.0023	0.3000	0.0020
1309342	382.00	383.00	0.0003	0.0014	0.5000	0.0020

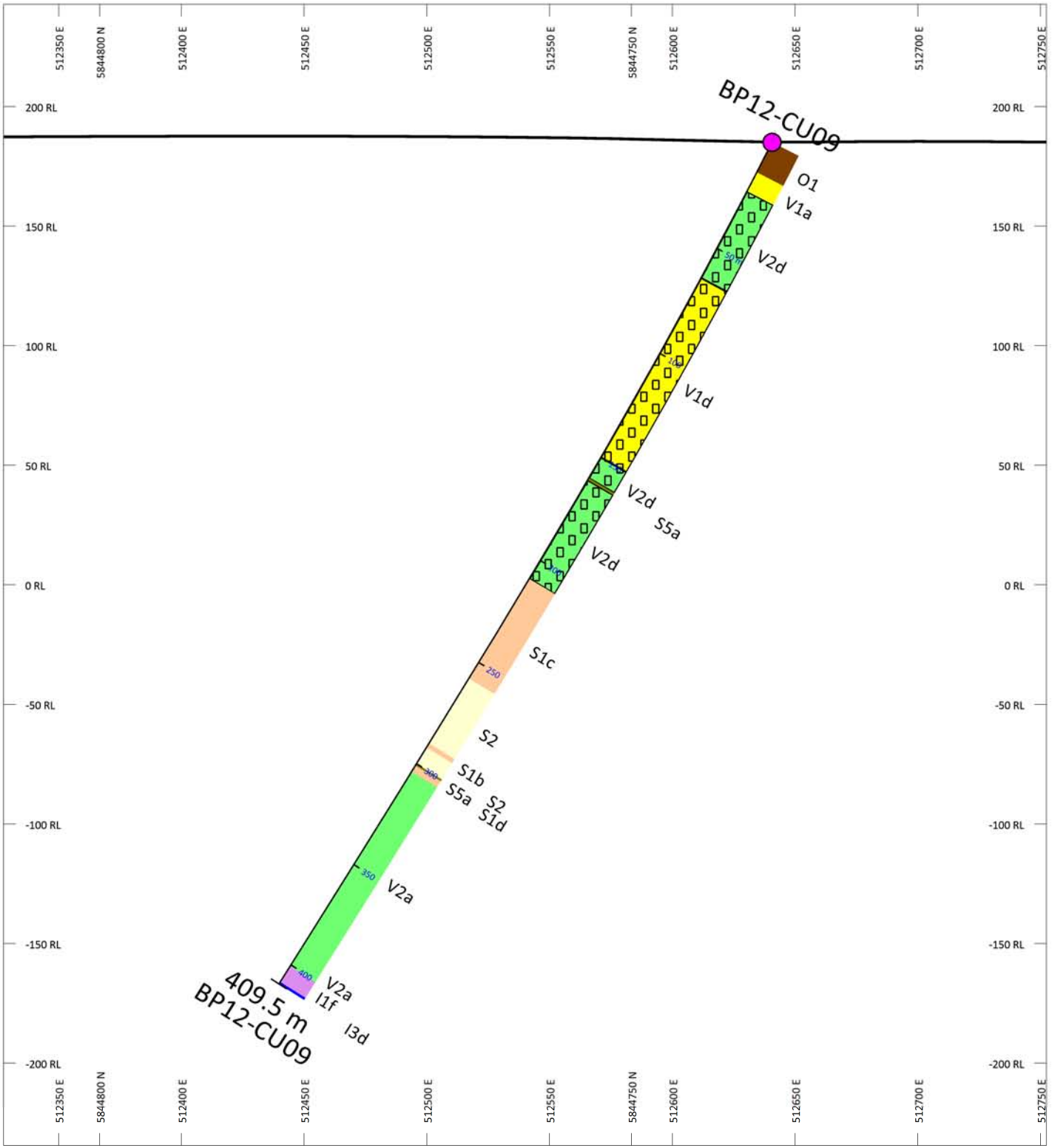
DETAILED LOG

Hole Number: **BP12-CU09**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1309343	383.00	384.00	0.0004	0.0012	0.3000	0.0030
1309038	389.45	389.55	0.0001	0.0029	0.0500	
1309039	402.69	402.79	0.0002	0.0015	0.0500	
1309346	408.40	409.50	0.0051	0.0045	0.3000	0.0020



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Quartz diorite
		Mafic dyke
		Overburden
		Felsic sandstone
		Felsic siltstone
		Felsic mudstone
		Intermediate sediments
		Silica iron formation
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Intermediate lapilli tuff

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512540 m	5844760 m
EXTENTS	436 m	477.3 m
SECTION TOP, BOT	242.7 m	-234.5 m
TOLERANCE +/-	25 m	

SCALE 1 : 2500

(m)

-20 0 20 40 60 80

NAD83 / UTM zone 16N

AZIMUTH = 103°

N W E S

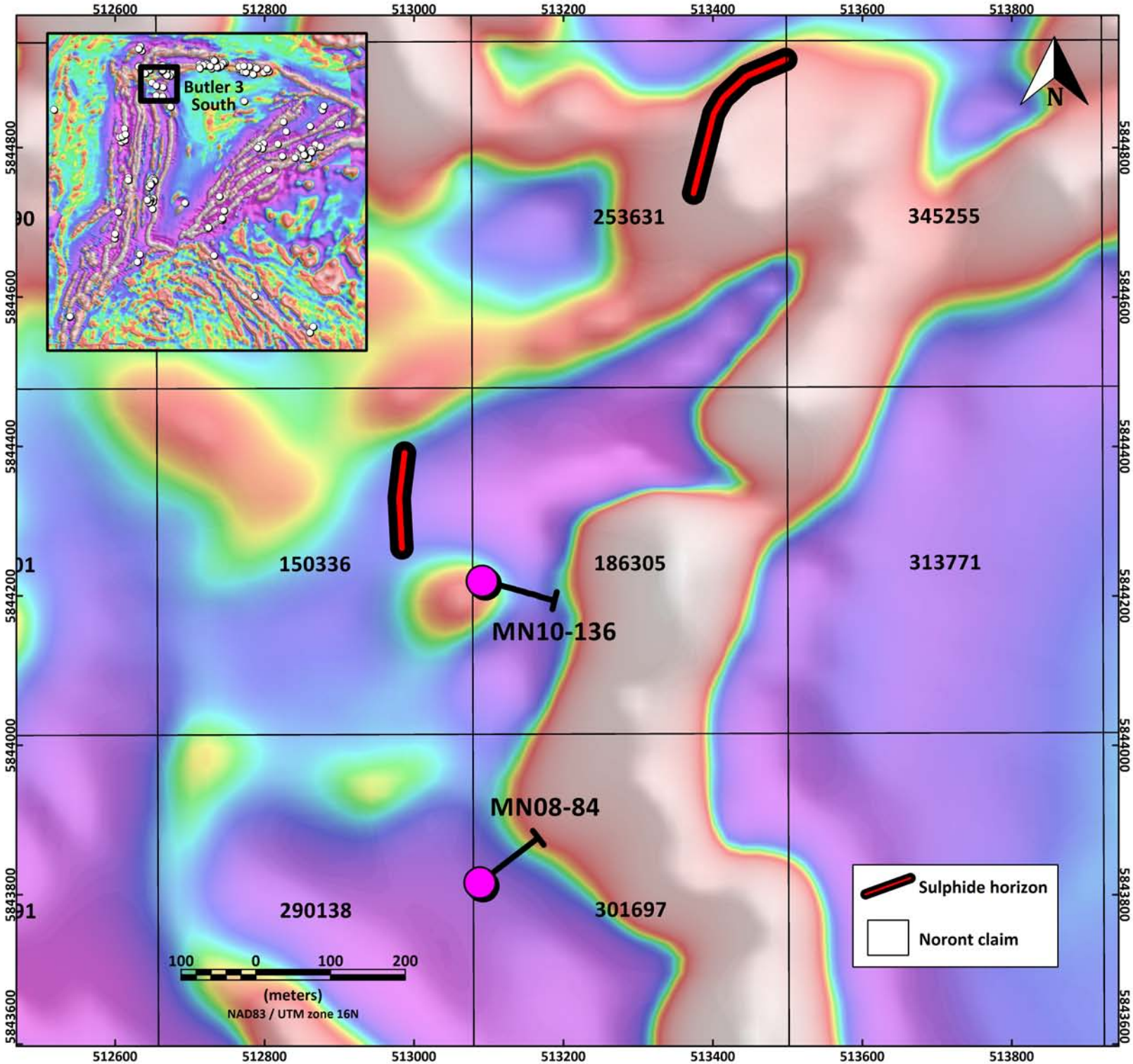
Butler Property

Cross-Section

Butler 3 Footwall

BP12-CU09

Butler 3 South



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-84**	Units: Metric

Cover Page

Project Name:	Butler Butler 3 South	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513088 5843816 188.655709	Collar Azimuth: Collar Dip: Final Depth (m):	52.5 -50 149.35	Mining Claim(s) / Provincial Cell Grid(s): Township:	301697 (43D10K032) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 14.1	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Yash Shelat Cartwright Drilling 5-Oct-2008 6-Oct-2008

ReLog Notes	Drill hole is located ~1100m to the south of Butler 3. It collars into felsic volcaniclastic tuffs that are finely laminated with well-defined beds and minor biotite along bedding planes. Rare fragmental layers are observed. At approximately 92m garnet begins to occur along mafic/biotite partings and lenses. From 96 to 96.75m there is an occurrence of massive to semi-massive sulfide (pyrrhotite, pyrite) with a nodular 'cherty' interval (~10cm) at the top. This interval demarks the transition from felsic to intermediate compositions. Stratigraphically overlying (down hole) from 96.75 to 106.5m is intermediate volcaniclastic tuff with no apparent alteration. From 106.5m to 138m is a disrupted intermediate volcaniclastic tuff-breccia/fragmental that is sericite and anthophyllite altered with disseminated blebs of sulfide occurring throughout. From 138-142.7m there is a chlorite-garnet rich interval with convolute bedding and chevron textured rock is observed. A very sharp contact is observed against an overlying unaltered massive felsic volcanic (dacite) flow or intrusive. Unit appears to coarsen slightly down hole (up stratigraphy). This is probably the 'black felsite' unit mentioned in McDonald Mines documentation. Overall, the stratigraphy does not appear to be extensively Na-depleted. Local depletion is present from 110m to 140m associated with the sulfide, garnet-chlorite, sericite and anthophyllite alteration. Sulfides are weakly anomalous in Zn. This area could be the lateral equivalent of the Butler 3 horizon, but nothing is diagnostic as multiple exhalative horizons are present.s.

DETAILED LOG

Hole Number: **MN08-84**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-50.00
Project Number:	Butler	North:	5843816.00	North:	5843816.00	Collar Az:	52.50
Location:		East:	513088.00	East:	513088.00	Length:	149.35
		Elev:	188.66	Elev:	188.66	Start Depth:	0.00
Date Started:	Oct 05, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 149.35
Date Completed:	Oct 06, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 3 South; Grid N-13-1

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	52.50	-50.00	UK	OK		**73.15**	52.50	-50.00	UK	OK	
80.00	52.50	-47.80	UK	OK		**149.35**	52.50	-46.60	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	14.10	**O1, Overburden Unclassified** Overburden								
14.10	96.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic volcaniclastic tuffs that are finely laminated with well defined beds and minor biotite along bedding planes. Rare fragmental layers are observed. At approximately 92m garnet begins to occur along mafic/biotite partings and lenses	841501	43.10	43.20	0.10	0.00	0.01	0.06	
			841502	64.90	65.00	0.10	0.00	0.01	0.03	
			841503	94.40	94.50	0.10	0.00	0.03	0.11	
			175370	95.50	97.00	1.50				0.01
96.00	96.75	**X6, Mineralization Massive** Massive to semi-massive sulfide (po, py) with a nodular 'cherty' interval (~10cm) at the top. This interval demarks the transition from felsic to intermediate compositions.								
96.75	106.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Stratigraphically overlying unit. Intermediate volcaniclastic tuff with no apparent alteration								

DETAILED LOG

Hole Number: **MN08-84**

Units: METRIC

Detailed Lithology

From	To	Lithology
106.50	138.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Disrupted intermediate volcaniclastic tuff-breccia/fragmental that is sericite and anthophyllite altered with disseminated blebs of sulfide occurring throughout
138.00	142.70	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Chlorite-garnet rich interval with convolute bedding and chevron textured rock is observed.
142.70	149.35	**V1a, Volcanic Felsic rhyodacite - massive** Beautifully flow-banded and auto-brecciated dacite flow, grades quickly into massive aphanitic dacite flow. This black felsic marker unit is really just unaltered massive dacite

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
175371	107.00	108.50	1.50				0.02
175372	108.50	110.00	1.50				0.01
841504	108.90	109.00	0.10	0.07	0.03	0.64	
175373	110.00	111.50	1.50				0.01
175374	111.50	113.00	1.50				0.01
175375	113.00	114.50	1.50				0.01
175376	114.50	116.00	1.50				0.01
175377	116.00	117.50	1.50				0.01
175378	117.50	119.00	1.50				0.01
175379	119.00	120.50	1.50				0.01
175381	120.50	122.00	1.50				0.03
175382	122.00	123.50	1.50				0.01
175383	123.50	125.00	1.50				0.01
841505	124.10	124.20	0.10	0.08	0.00	1.31	
175384	125.00	126.50	1.50				0.01
175385	126.50	128.00	1.50				0.01
175386	128.00	129.50	1.50				0.01
175387	129.50	131.00	1.50				0.01
175388	131.00	132.50	1.50				0.01
175389	132.50	134.00	1.50				0.01
451205	134.05	135.00	0.95	0.01	0.03	0.30	
451206	135.00	136.00	1.00	0.01	0.04	0.50	
451207	136.00	137.00	1.00	0.01	0.03	0.30	
451208	137.00	137.80	0.80	0.00	0.17	0.40	
451209	138.25	139.25	1.00	0.01	0.02	1.20	
451210	139.25	140.25	1.00	0.00	0.03	0.40	
841506	140.85	140.95	0.10	0.00	0.02	0.12	

Samples

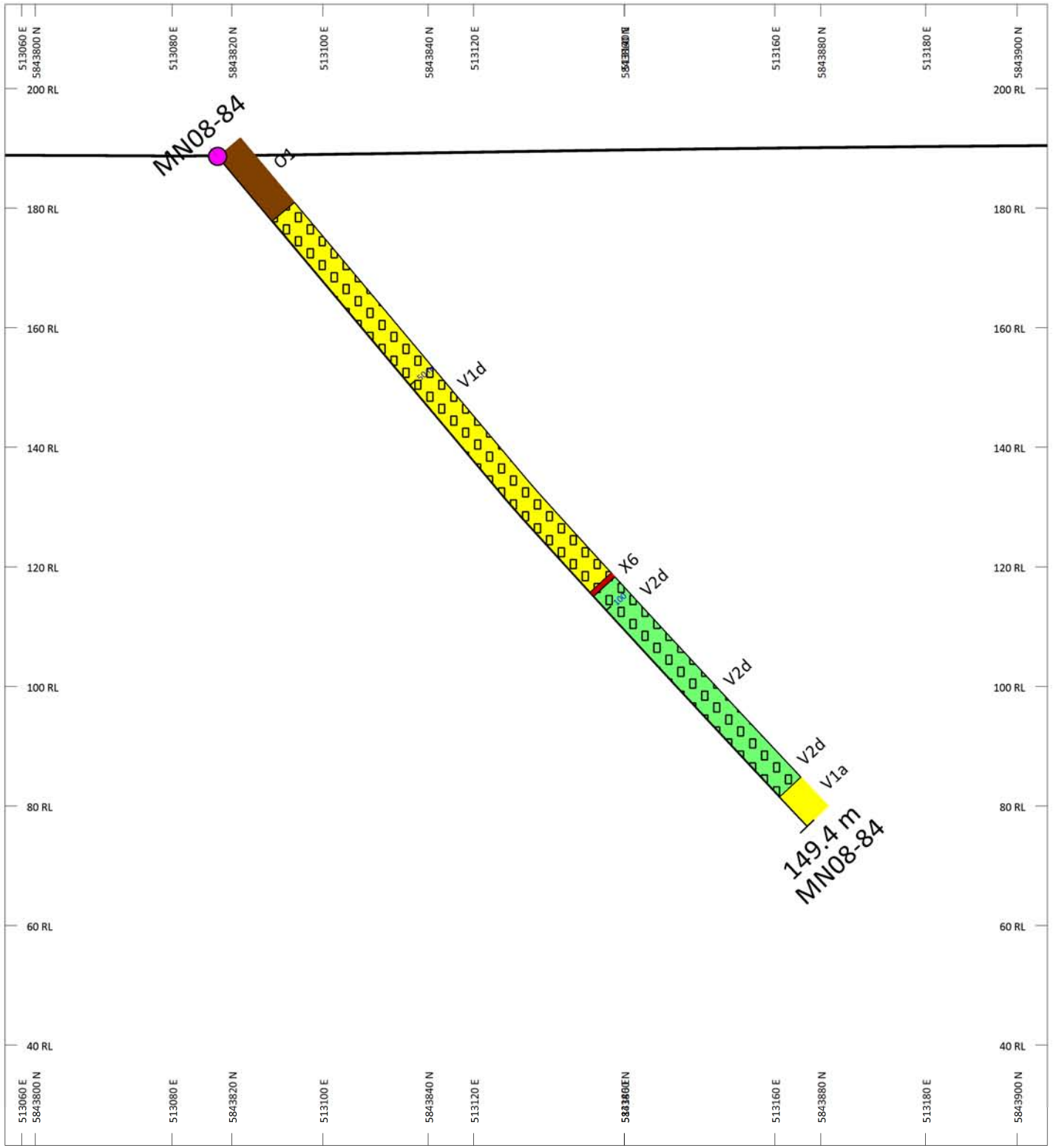
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
841501	43.10	43.20	0.0009	0.0106	0.0600	
841502	64.90	65.00	0.0020	0.0121	0.0250	
841503	94.40	94.50	0.0026	0.0272	0.1100	
175370	95.50	97.00				0.0110
175371	107.00	108.50				0.0160
175372	108.50	110.00				0.0100
841504	108.90	109.00	0.0747	0.0335	0.6400	

Hole Number: **MN08-84**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175373	110.00	111.50				0.0050
175374	111.50	113.00				0.0050
175375	113.00	114.50				0.0050
175376	114.50	116.00				0.0050
175377	116.00	117.50				0.0050
175378	117.50	119.00				0.0050
175379	119.00	120.50				0.0130
175381	120.50	122.00				0.0320
175382	122.00	123.50				0.0070
175383	123.50	125.00				0.0120
841505	124.10	124.20	0.0774	0.0039	1.3100	
175384	125.00	126.50				0.0050
175385	126.50	128.00				0.0050
175386	128.00	129.50				0.0050
175387	129.50	131.00				0.0050
175388	131.00	132.50				0.0050
175389	132.50	134.00				0.0050
451205	134.05	135.00	0.0051	0.0308	0.3000	
451206	135.00	136.00	0.0058	0.0365	0.5000	
451207	136.00	137.00	0.0050	0.0314	0.3000	
451208	137.00	137.80	0.0048	0.1660	0.4000	
451209	138.25	139.25	0.0075	0.0232	1.2000	
451210	139.25	140.25	0.0018	0.0273	0.4000	
841506	140.85	140.95	0.0045	0.0172	0.1200	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Overburden
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate lapilli tuff
		Massive sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513127 m	5843850 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	214.1 m	23.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 52.5°

N W E S

Butler Property

Cross-Section

Butler 3 South

MN08-84

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-136**	Units: Metric

Cover Page

Project Name:	Butler Butler 3 South	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	513091.12 5844219.842 191.778	Collar Azimuth: Collar Dip: Final Depth (m):	90 -60 192.02	Mining Claim(s) / Provincial Cell Grid(s): Township:	186305 (43D10K012) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 13.27	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 17-Oct-2010 19-Oct-2010

ReLog Notes	The drill hole is located ~700m to the south of Butler 3 on the edge of an isolated magnetic feature. The hole collars into intermediate volcanic rocks with convolute bedding (flow banding?). Moderate chlorite and sericite alteration are pervasive with trace garnet beginning to occur below 30m as seams and patches with minor pyrite and pyrrhotite. From 102 to 117m quartz flooding with garnet, chlorite and biotite and narrow interval of massive sulfide with anomalous Cu and Zn. Stronger chlorite alteration extends down hole (hanging wall) to ~145m with better preserved bedding at 152-157m becoming convolute below to end of drill hole. Limited assay data is available for the drill hole, pXRF data collected indicates a fairly consistent sequence of intermediate compositions.

DETAILED LOG

Hole Number: **MN10-136** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-60.00
Project Number:	Butler	North:	5844219.84	North:	5844219.84	Collar Az:	90.00
Location:		East:	513091.12	East:	513091.12	Length:	192.02
		Elev:	191.78	Elev:	191.78	Start Depth:	0.00
Date Started:	Oct 17, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 192.02
Date Completed:	Oct 19, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 3 South. Original elevation was 147.678m, but according to surrounding collar elevations, the regional DEM, and track data from 2018 geological mapping, this measurement represents the HAE and the geoid height was not added (~44.1m).

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	90.00	-60.00	UK	OK		**30.00**	114.19	-58.99	UK	OK	
40.00	102.21	-58.95	UK	OK		**50.00**	103.03	-58.84	UK	OK	
60.00	105.60	-58.83	UK	OK		**70.00**	103.66	-58.71	UK	OK	
80.00	105.77	-58.56	UK	OK		**90.00**	107.67	-58.47	UK	OK	
100.00	104.60	-58.45	UK	OK		**110.00**	104.83	-58.35	UK	OK	
120.00	110.85	-58.06	UK	OK		**130.00**	98.13	-57.89	UK	OK	
140.00	107.61	-57.78	UK	OK		**150.00**	111.40	-57.59	UK	OK	
160.00	105.69	-57.34	UK	OK		**170.00**	105.49	-57.16	UK	OK	
180.00	104.77	-57.12	UK	OK		**190.00**	104.21	-56.98	UK	OK	
192.02	104.21	-56.98	UK	OK							

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	13.27	**O1, Overburden Unclassified** Overburden								
13.27	117.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcanic rocks with convolute bedding (flow banding?). Moderate chlorite and sericite alteration are pervasive with trace garnet beginning to occur below 30m as seams and patches with minor py, po								
117.00	117.10	**X6b, Mineralization Massive Cu-Zn sulfide** Narrow interval of massive sulfide with anomalous Cu and Zn								

Hole Number: **MN10-136** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
117.10	131.06	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Stronger chlorite alteration extends down hole (hanging wall) to ~145m with better preserved bedding at 152-157m becoming convolute below to end of drill hole.	451144	124.00	125.00	1.00	0.00	0.02	0.30	0.01
			451145	125.00	125.72	0.72	0.02	0.02	0.40	0.01
			451146	125.72	127.00	1.28	0.00	0.02	0.40	0.01
			451147	127.00	128.06	1.06	0.01	0.02	0.50	0.01
			451148	128.06	129.00	0.94	0.02	0.03	1.00	0.01
			451149	129.00	130.00	1.00	0.01	0.04	0.70	0.01
			451151	130.00	131.06	1.06	0.02	0.06	0.70	0.01
131.06	131.71	**X6, Mineralization Massive** Massive sulfide (>60% sulfide)	451152	131.06	131.71	0.65	0.29	0.12	4.10	0.01
131.71	192.02	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Stronger chlorite alteration extends down hole (hanging wall) to ~145m with better preserved bedding at 152-157m becoming convolute below to end of drill hole.	451153	131.71	133.00	1.29	0.07	0.03	0.70	0.01
			451154	133.00	134.00	1.00	0.14	0.03	1.90	0.01
			451155	134.00	135.00	1.00	0.01	0.03	0.30	0.01
			451156	135.00	136.00	1.00	0.01	0.04	0.60	0.01
			451157	136.00	137.00	1.00	0.01	0.02	0.50	0.01
			451158	137.00	138.00	1.00	0.01	0.03	0.40	0.01
			451159	138.00	138.77	0.77	0.05	0.08	1.10	0.01
			451160	138.77	140.00	1.23	0.01	0.02	0.40	0.01
			451161	140.00	141.00	1.00	0.01	0.03	0.50	0.01
			451162	141.00	142.40	1.40	0.02	0.03	0.70	0.01
			451163	142.40	144.00	1.60	0.00	0.03	0.40	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451144	124.00	125.00	0.0026	0.0158	0.3000	0.0050
451145	125.00	125.72	0.0197	0.0157	0.4000	0.0060
451146	125.72	127.00	0.0039	0.0159	0.4000	0.0050
451147	127.00	128.06	0.0059	0.0184	0.5000	0.0050
451148	128.06	129.00	0.0232	0.0309	1.0000	0.0050
451149	129.00	130.00	0.0091	0.0411	0.7000	0.0050
451151	130.00	131.06	0.0186	0.0610	0.7000	0.0050
451152	131.06	131.71	0.2940	0.1190	4.1000	0.0050
451153	131.71	133.00	0.0686	0.0269	0.7000	0.0050
451154	133.00	134.00	0.1370	0.0284	1.9000	0.0080
451155	134.00	135.00	0.0055	0.0251	0.3000	0.0050
451156	135.00	136.00	0.0083	0.0399	0.6000	0.0050
451157	136.00	137.00	0.0076	0.0233	0.5000	0.0050
451158	137.00	138.00	0.0090	0.0339	0.4000	0.0050
451159	138.00	138.77	0.0540	0.0785	1.1000	0.0050
451160	138.77	140.00	0.0075	0.0211	0.4000	0.0050
451161	140.00	141.00	0.0079	0.0269	0.5000	0.0050

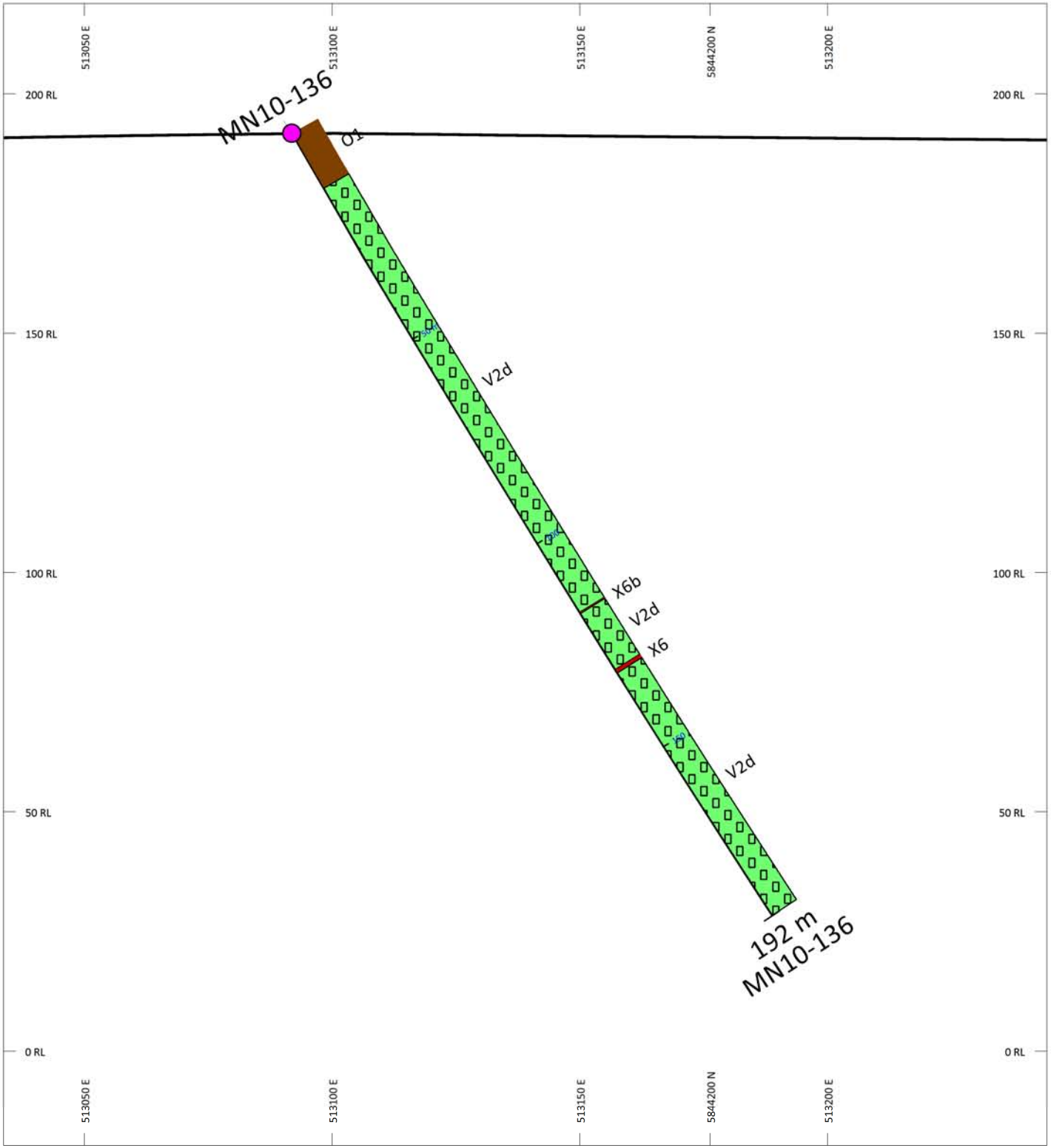
DETAILED LOG

Hole Number: **MN10-136**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451162	141.00	142.40	0.0231	0.0347	0.7000	0.0050
451163	142.40	144.00	0.0048	0.0280	0.4000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Intermediate lapilli tuff
		Massive sulfides
		Massive sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513139 m	5844210 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	218.9 m	-19.76 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 105°

N W E S

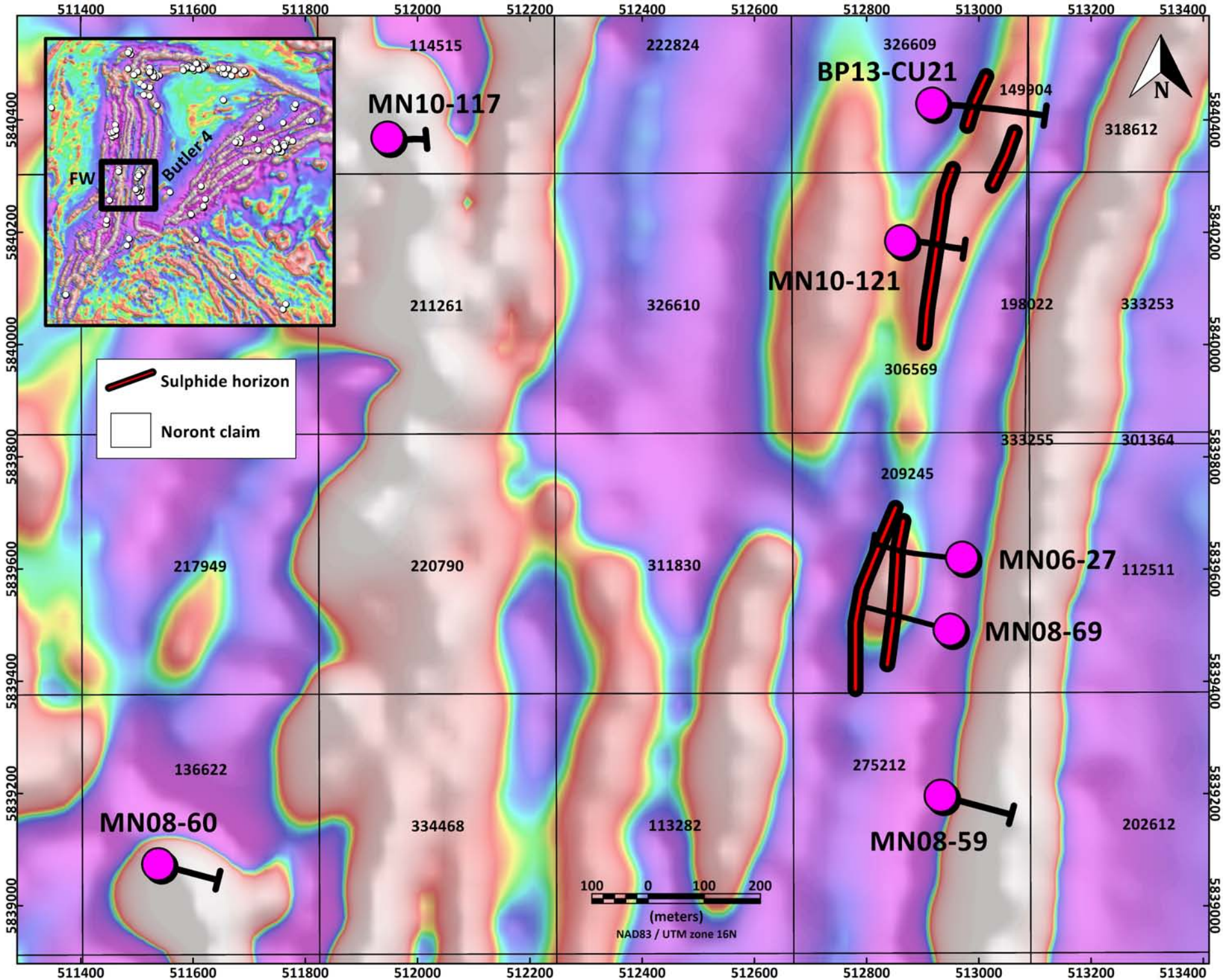
Butler Property

Cross-Section

Butler 3 South

MN10-136

Butler 4 & Footwall



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP13-CU21**	Units: Metric

Cover Page

Project Name:	Butler Butler 4	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2013 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512917 5840429 197	Collar Azimuth: Collar Dip: Final Depth (m):	100 -55 341	Mining Claim(s) / Provincial Cell Grid(s): Township:	149904 (43D10K171), 318612 (43D10K172), 326609 (43D10K171) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 13.68	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Kevin McKinney Cyr Drilling 25-Mar-2013 31-Mar-2013

ReLog Notes	The drill hole is located at the northern end of the Butler 4 area and collars into intermediate volcaniclastic that appears massive and recrystalized and extends to a depth of ~47m. From 47m to 61m is a planar bedded tuff to metasediment (or possible crystal tuff) that appears slightly more fractionated. From 61 to 74m homogenous intermediate volcaniclastic is observed with sulfide blebs occurring between 67-68m. From 74 to 140m an exhalative sequence is present with banded alteration from intense chlorite and garnet to chlorite and amphibole. Anthophyllite occurs throughout as granoblastic texture. Sulfides begin to occur at ~82m as a 40cm wide semi-massive interval and at 132 to 133m as convolute stringer bands hosted in a chlorite schist. Anomalous Cu is observed over the interval. The basal contact of the exhalative defines a transition to felsic volcaniclastic (in the hanging wall) with pervasive anthophyllite alteration. Felsic volcanic is generally massive with a vague indication of lapilli and fragments. Stratigraphic top of the unit occurs at 213m with a narrow interval of spherulite textured volcanic, possibly with a chilled margin. From 213m to 235m is an intermediate volcaniclastic with a narrow sulfide stringer zone in chlorite altered rock from 216-223m. From 235m to 248m the lithology becomes intermediate to mafic metasediments/tuffs with fine laminations becoming actinolite rich at 240m as bands grading to massive at 244m. From 248m to 256.5m is a volcanic tuff with strong sericite alteration with quartz veining and garnet, minor sulfide grades down hole into more sulfide rich biotite quartz sericite with a very nodular appearance (sulfide as replacement) to ~261m. 261m to end of hole tuffaceous volcaniclastic with disseminated magnetite throughout. Grades down into fragmental with bands of biotite and garnet.

DETAILED LOG

Hole Number: **BP13-CU21** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-55.00
Project Number:	Butler	North:	5840429.00	North:	5840429.00	Collar Az:	100.00
Location:		East:	512917.00	East:	512917.00	Length:	341.00
		Elev:	197.00	Elev:	197.00	Start Depth:	0.00
Date Started:	Mar 25, 2013	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 341.00
Date Completed:	Mar 31, 2013	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 4

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	100.00	-55.00	UK	OK		**10.00**	92.96	-54.82	UK	OK	
20.00	93.17	-54.82	UK	OK		**30.00**	93.38	-54.79	UK	OK	
40.00	93.59	-54.71	UK	OK		**50.00**	93.80	-54.63	UK	OK	
60.00	94.01	-54.57	UK	OK		**70.00**	94.22	-54.47	UK	OK	
80.00	94.42	-54.32	UK	OK		**90.00**	94.63	-54.22	UK	OK	
100.00	94.83	-54.25	UK	OK		**110.00**	95.03	-54.14	UK	OK	
120.00	95.23	-54.08	UK	OK		**130.00**	95.42	-54.25	UK	OK	
140.00	95.61	-54.37	UK	OK		**150.00**	95.79	-54.34	UK	OK	
160.00	95.97	-54.25	UK	OK		**170.00**	96.13	-54.15	UK	OK	
180.00	96.29	-53.89	UK	OK		**190.00**	96.44	-53.59	UK	OK	
200.00	96.58	-53.44	UK	OK		**210.00**	96.71	-53.33	UK	OK	
220.00	96.84	-53.26	UK	OK		**230.00**	96.97	-53.23	UK	OK	
240.00	97.09	-53.16	UK	OK		**250.00**	97.20	-53.05	UK	OK	
260.00	97.32	-52.90	UK	OK		**270.00**	97.43	-52.72	UK	OK	
280.00	97.54	-52.56	UK	OK		**290.00**	97.65	-52.41	UK	OK	
300.00	97.76	-52.29	UK	OK		**310.00**	97.87	-52.14	UK	OK	
320.00	97.98	-51.97	UK	OK		**330.00**	98.09	-51.76	UK	OK	
336.00	98.19	-51.59	UK	OK							

Detailed Lithology

From	To	Lithology
0.00	13.68	**O1, Overburden Unclassified** Overburden

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL

Hole Number: **BP13-CU21** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
13.68	61.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic that appears massive and recrystalized, might be fine grained quartz diorite. From 47m to 61m is a planar bedded tuff to metasediment (or possible crystal tuff) that appears slightly more fractionated **MINOR INTERVALS:** **Minor Interval:** 22.80 - 24.15 V2a, Volcanic Intermediate andesite-massive red staining pervasive through interval **Minor Interval:** 50.43 - 50.83 I1c, Intrusive Felsic Granodiorite medium grained grainitod white to pink matrix with pervasive medium grained biotite **Minor Interval:** 52.00 - 52.90 M2g, Metamorphic Intermediate Schist green soft unit. Very fine grained and very soft. Non reactive to acid test, no apparent foliation, poorly defined contacts	1303929	14.92	14.97	0.05	0.00	0.01	0.10	
			1303930	20.42	20.47	0.05	0.00	0.01	0.15	
			1303931	25.22	25.27	0.05	0.00	0.01	0.09	
			1303932	29.86	29.91	0.05	0.00	0.00	0.06	
			1303933	34.94	34.99	0.05	0.00	0.01	0.13	
			1303934	40.09	40.14	0.05	0.00	0.01	0.20	
			1303935	45.24	45.29	0.05	0.00	0.01	0.05	
			1303936	50.00	50.05	0.05	0.00	0.00	0.06	
			1303937	55.02	55.07	0.05	0.00	0.01	0.26	
			1303938	60.52	60.57	0.05	0.00	0.00	0.34	
61.00	65.00	**S1c, Sedimentary Felsic siltstone** Finely bedded felsic siltstone, unaltered except for local chlorite in small shear zones	1303429	63.00	64.50	1.50	0.00	0.00	0.60	0.01
			1303431	64.50	66.00	1.50	0.00	0.01	0.30	0.01
65.00	82.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Coarser tuff, darker, moderate biotite alteration	1303432	66.00	67.50	1.50	0.00	0.01	0.30	0.01
			1303433	67.50	69.00	1.50	0.00	0.01	0.50	0.01
			1303434	69.00	70.50	1.50	0.00	0.01	0.50	0.01
			1303435	70.50	72.00	1.50	0.00	0.00	0.30	0.01
			1303437	72.00	73.50	1.50	0.00	0.01	0.30	0.01
			1303438	73.50	75.00	1.50	0.00	0.01	0.50	0.01
			1303439	75.00	76.50	1.50	0.00	0.01	0.50	0.01
			1303441	76.50	78.00	1.50	0.00	0.01	0.40	0.01
			1303442	78.00	79.50	1.50	0.00	0.01	0.40	0.01
			1303443	79.50	81.00	1.50	0.00	0.01	0.40	0.01
			1303444	81.00	82.50	1.50	0.01	0.01	0.50	0.01
82.50	83.00	**X6, Mineralization Massive** Massive sulfide in exhalative; py with chlorite **MINOR INTERVALS:** **Minor Interval:** 82.50 - 83.00 X5b, Mineralization Semi-massive Cu-Zn sulfide Stringer band of sulphide in soft dark grey/green/black matrix. Weak to moderately magnetic with stronger magnetized dark margins(biotite/magnetite)	1303445	82.50	84.00	1.50	0.00	0.01	0.50	0.01
83.00	92.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Strongly altered (anth-chl) coarse inter-felsic lapilli tuff	1303446	84.00	85.50	1.50	0.00	0.01	0.40	0.01
			1303447	85.50	87.00	1.50	0.00	0.01	0.60	0.01
			1303448	87.00	88.50	1.50	0.00	0.01	0.40	0.01
			1303449	88.50	90.00	1.50	0.00	0.01	0.40	0.01
			1303450	90.00	91.50	1.50	0.00	0.01	0.30	0.01
			1303451	91.50	93.00	1.50	0.00	0.02	0.50	0.01

Hole Number: **BP13-CU21**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
92.00	100.00	**A1, Alteration Chlorite** Chlorite alteration zone.From 74 to 140m an exhalative sequence is present with banded alteration from intense chlorite and garnet to chlorite and amphibole. Anthophyllite occurs throughout as granoblastic texture. **MINOR INTERVALS:** **Minor Interval:** 92.00 - 94.85 M2g, Metamorphic Intermediate Schist Green soft unit, strongly magnetic with course grained magnetite crystals. One directional cleavage present on occasion with sheet like texture. **Minor Interval:** 96.47 - 99.56 M2g, Metamorphic Intermediate Schist Green soft unit, strongly magnetic with course grained magnetite crystals. One directional cleavage present on occasion with sheet like texture.	1303452	93.00	94.50	1.50	0.00	0.02	0.60	0.01
			1303453	94.50	96.00	1.50	0.00	0.01	0.30	0.01
			1303454	96.00	97.50	1.50	0.00	0.01	0.40	0.01
			1303455	97.50	99.00	1.50	0.00	0.02	0.60	0.01
			1303456	99.00	100.50	1.50	0.00	0.01	0.30	0.01
100.00	106.50	**S1c, Sedimentary Felsic siltstone** Altered felsic tuff/siltstone, finely laminated	1303457	100.50	102.00	1.50	0.00	0.01	0.30	0.01
			1303458	102.00	103.50	1.50	0.00	0.01	0.30	0.01
			1303459	103.50	105.00	1.50	0.00	0.01	0.30	0.01
			1303461	105.00	106.50	1.50	0.00	0.01	0.40	0.01
106.50	126.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Moderately strong altered inter-felsic lapilli tuff	1303462	106.50	108.00	1.50	0.00	0.01	0.30	0.01
			1303463	108.00	109.50	1.50	0.00	0.01	0.40	0.01
			1303464	109.50	111.00	1.50	0.00	0.02	0.40	0.01
			1303465	111.00	112.50	1.50	0.00	0.01	0.30	0.01
			1303466	112.50	114.00	1.50	0.00	0.01	0.30	0.01
			1303467	114.00	115.50	1.50	0.00	0.00	0.30	0.01
			1303468	115.50	117.00	1.50	0.00	0.00	0.50	0.01
			1303469	117.00	118.50	1.50	0.00	0.00	0.30	0.01
			1303470	118.50	120.00	1.50	0.00	0.01	0.50	0.01
			1303471	120.00	121.50	1.50	0.00	0.01	0.50	0.01
			1303472	121.50	123.00	1.50	0.10	0.01	1.10	0.02
			1303473	123.00	124.50	1.50	0.18	0.01	1.60	0.04
			1303474	124.50	126.00	1.50	0.13	0.01	1.60	0.04
			1303476	126.00	127.50	1.50	0.17	0.01	2.10	0.07
126.50	134.00	**X2e, Mineralization Stringer Pyrite** Heavy stringer to semi-massive zone of pyrite with chl-talc replacement of host rock	1303477	127.50	129.00	1.50	0.14	0.01	1.70	0.05
			1303478	129.00	130.50	1.50	0.34	0.01	2.70	0.06
			1303479	130.50	132.00	1.50	0.14	0.01	2.60	0.07
			1303480	132.00	133.50	1.50	0.35	0.01	2.70	0.03
			1303481	133.50	135.00	1.50	0.00	0.01	0.90	0.01
134.00	215.50	**V1a, Volcanic Felsic rhyodacite - massive** Massive felsic volcanic (dacite flow) with a vague indication of lapilli and fragments. Stratigraphic top of the unit occurs at 213m with a narrow interval of spherulite textured volcanic, possibly with a chilled margin	1303482	135.00	136.50	1.50	0.00	0.01	0.70	0.01
			1303483	136.50	138.00	1.50	0.01	0.01	0.40	0.01
			1303484	138.00	139.50	1.50	0.02	0.01	0.60	0.02
			1303485	139.50	141.00	1.50	0.02	0.01	0.50	0.01
			1303487	141.00	142.50	1.50	0.00	0.01	0.50	0.01
			1303489	212.50	214.00	1.50	0.00	0.01	0.70	0.01
			1303490	214.00	215.50	1.50	0.00	0.01	0.80	0.02

Hole Number: **BP13-CU21**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
215.50	216.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Disseminated and stringer pyrite (2-10%) in anth-bio altered inter-felsic fragmental. Sulfides die out above 227m	1303491	215.50	217.00	1.50	0.04	0.08	2.60	0.01
216.00	223.00	**A1, Alteration Chlorite** Chlorite alteration zone with narrow stringer sulfide zones	1303492	217.00	218.50	1.50	0.04	0.02	0.90	0.01
			1303493	218.50	220.00	1.50	0.05	0.01	0.70	0.01
			1303494	220.00	221.50	1.50	0.02	0.01	0.60	0.01
			1303495	221.50	223.00	1.50	0.03	0.02	0.80	0.01
223.00	232.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Disseminated and stringer pyrite (2-10%) in anth-bio altered inter-felsic fragmental. Sulfides die out above 227m	1303496	223.00	224.50	1.50	0.02	0.08	0.90	0.01
			1303497	224.50	226.00	1.50	0.02	0.08	1.00	0.01
			1303498	226.00	227.50	1.50	0.02	0.09	0.90	0.01
			1303499	227.50	229.00	1.50	0.03	0.06	0.90	0.01
			1305001	229.00	230.50	1.50	0.02	0.08	0.70	0.01
			1305002	230.50	232.00	1.50	0.01	0.04	0.60	0.01
			1305003	232.00	233.50	1.50	0.00	0.01	0.50	0.01
232.50	248.00	**S2c, Sedimentary Intermediate siltstone** Intermediate to mafic metasediments/tuffs with fine laminations becoming actinolite rich at 240m as bands grading to massive at 244m	1305004	233.50	235.00	1.50	0.00	0.02	0.60	0.01
			1305005	235.00	236.50	1.50	0.01	0.01	0.70	0.01
			1305006	236.50	238.00	1.50	0.00	0.01	0.50	0.01
			1305007	238.00	239.50	1.50	0.00	0.01	0.70	0.01
			1305008	239.50	241.00	1.50	0.00	0.01	0.60	0.01
			1305009	241.00	242.50	1.50	0.00	0.01	0.30	0.01
			1305010	242.50	244.00	1.50	0.00	0.01	0.50	0.01
			1305011	244.00	245.50	1.50	0.00	0.01	0.50	0.01
			1305012	245.50	247.00	1.50	0.00	0.01	0.30	0.01
			1305013	247.00	248.50	1.50	0.00	0.01	0.60	0.01
248.00	256.50	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Strongly sericite-altered tuff with diss and stringer py, qtz	1305014	248.50	250.00	1.50	0.01	0.08	1.50	0.01
			1305015	250.00	251.50	1.50	0.01	0.06	1.20	0.01
			1305016	251.50	253.00	1.50	0.00	0.00	0.50	0.01
			1305017	253.00	254.50	1.50	0.00	0.00	0.60	0.01
			1305018	254.50	256.00	1.50	0.00	0.00	0.90	0.01
			1305019	256.00	257.50	1.50	0.13	0.03	4.00	0.01
256.50	261.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Volcanic tuff with strong sericite alteration with quartz veining and garnet, minor sulfide grades down hole into more sulfide rich biotite quartz sericite with a very nodular appearance (sulfide as replacement) to ~261m	1305020	257.50	259.00	1.50	0.12	0.11	4.50	0.01
			1305021	259.00	260.50	1.50	0.09	0.12	3.30	0.01
			1305022	260.50	262.00	1.50	0.16	0.03	4.90	0.01
261.00	269.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Mildly altered intermediate tuff with diss/stringer py, magnetite	1305023	262.00	263.50	1.50	0.19	0.09	6.00	0.01
			1305024	263.50	265.00	1.50	0.11	0.03	4.00	0.02
			1305026	265.00	266.50	1.50	0.07	0.07	2.40	0.01
			1305027	266.50	268.00	1.50	0.05	0.04	1.80	0.01
			1305028	268.00	269.50	1.50	0.06	0.06	1.10	0.01
269.00	278.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate-mafic fine grained tuff/sediment, dark brown-green; abrupt lower transition	1305029	269.50	271.00	1.50	0.01	0.01	0.50	0.01
			1305031	271.00	272.50	1.50	0.00	0.01	0.60	0.01

DETAILED LOG

Hole Number: **BP13-CU21**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
278.00	341.00	**S1c, Sedimentary Felsic siltstone** Light grey siliceous fine laminated felsic siltstone, unaltered, unmineralized								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303929	14.92	14.97	0.0002	0.0061	0.1000	
1303930	20.42	20.47	0.0004	0.0065	0.1500	
1303931	25.22	25.27	0.0002	0.0050	0.0900	
1303932	29.86	29.91	0.0002	0.0042	0.0600	
1303933	34.94	34.99	0.0012	0.0098	0.1300	
1303934	40.09	40.14	0.0001	0.0052	0.2000	
1303935	45.24	45.29	0.0018	0.0052	0.0500	
1303936	50.00	50.05	0.0002	0.0036	0.0600	
1303937	55.02	55.07	0.0001	0.0079	0.2600	
1303938	60.52	60.57	0.0001	0.0048	0.3400	
1303429	63.00	64.50	0.0005	0.0046	0.6000	0.0050
1303431	64.50	66.00	0.0004	0.0093	0.3000	0.0050
1303432	66.00	67.50	0.0007	0.0103	0.3000	0.0050
1303433	67.50	69.00	0.0025	0.0103	0.5000	0.0050
1303434	69.00	70.50	0.0015	0.0069	0.5000	0.0050
1303435	70.50	72.00	0.0002	0.0044	0.3000	0.0050
1303437	72.00	73.50	0.0006	0.0063	0.3000	0.0050
1303438	73.50	75.00	0.0010	0.0086	0.5000	0.0050
1303439	75.00	76.50	0.0010	0.0107	0.5000	0.0050
1303441	76.50	78.00	0.0018	0.0097	0.4000	0.0050
1303442	78.00	79.50	0.0007	0.0062	0.4000	0.0050
1303443	79.50	81.00	0.0005	0.0055	0.4000	0.0050
1303444	81.00	82.50	0.0116	0.0098	0.5000	0.0080
1303445	82.50	84.00	0.0045	0.0097	0.5000	0.0050
1303446	84.00	85.50	0.0002	0.0068	0.4000	0.0050
1303447	85.50	87.00	0.0004	0.0087	0.6000	0.0050
1303448	87.00	88.50	0.0006	0.0090	0.4000	0.0050
1303449	88.50	90.00	0.0007	0.0135	0.4000	0.0050
1303450	90.00	91.50	0.0009	0.0120	0.3000	0.0050
1303451	91.50	93.00	0.0005	0.0167	0.5000	0.0050
1303452	93.00	94.50	0.0006	0.0241	0.6000	0.0050
1303453	94.50	96.00	0.0003	0.0098	0.3000	0.0050
1303454	96.00	97.50	0.0003	0.0133	0.4000	0.0050
1303455	97.50	99.00	0.0004	0.0168	0.6000	0.0050

Hole Number: **BP13-CU21**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303456	99.00	100.50	0.0001	0.0107	0.3000	0.0050
1303457	100.50	102.00	0.0001	0.0062	0.3000	0.0050
1303458	102.00	103.50	0.0010	0.0062	0.3000	0.0060
1303459	103.50	105.00	0.0008	0.0053	0.3000	0.0060
1303461	105.00	106.50	0.0001	0.0065	0.4000	0.0050
1303462	106.50	108.00	0.0005	0.0118	0.3000	0.0050
1303463	108.00	109.50	0.0032	0.0107	0.4000	0.0050
1303464	109.50	111.00	0.0004	0.0216	0.4000	0.0050
1303465	111.00	112.50	0.0003	0.0072	0.3000	0.0050
1303466	112.50	114.00	0.0005	0.0052	0.3000	0.0070
1303467	114.00	115.50	0.0005	0.0044	0.3000	0.0050
1303468	115.50	117.00	0.0003	0.0042	0.5000	0.0050
1303469	117.00	118.50	0.0007	0.0042	0.3000	0.0050
1303470	118.50	120.00	0.0045	0.0139	0.5000	0.0050
1303471	120.00	121.50	0.0038	0.0083	0.5000	0.0050
1303472	121.50	123.00	0.1030	0.0093	1.1000	0.0190
1303473	123.00	124.50	0.1820	0.0066	1.6000	0.0370
1303474	124.50	126.00	0.1260	0.0080	1.6000	0.0420
1303476	126.00	127.50	0.1650	0.0080	2.1000	0.0700
1303477	127.50	129.00	0.1420	0.0082	1.7000	0.0460
1303478	129.00	130.50	0.3430	0.0130	2.7000	0.0580
1303479	130.50	132.00	0.1370	0.0087	2.6000	0.0720
1303480	132.00	133.50	0.3510	0.0106	2.7000	0.0320
1303481	133.50	135.00	0.0016	0.0086	0.9000	0.0050
1303482	135.00	136.50	0.0014	0.0057	0.7000	0.0050
1303483	136.50	138.00	0.0056	0.0076	0.4000	0.0050
1303484	138.00	139.50	0.0162	0.0091	0.6000	0.0160
1303485	139.50	141.00	0.0161	0.0122	0.5000	0.0090
1303487	141.00	142.50	0.0005	0.0068	0.5000	0.0050
1303489	212.50	214.00	0.0023	0.0058	0.7000	0.0050
1303490	214.00	215.50	0.0032	0.0080	0.8000	0.0210
1303491	215.50	217.00	0.0389	0.0818	2.6000	0.0050
1303492	217.00	218.50	0.0420	0.0157	0.9000	0.0060
1303493	218.50	220.00	0.0525	0.0114	0.7000	0.0050
1303494	220.00	221.50	0.0217	0.0135	0.6000	0.0050
1303495	221.50	223.00	0.0326	0.0225	0.8000	0.0050
1303496	223.00	224.50	0.0233	0.0836	0.9000	0.0050
1303497	224.50	226.00	0.0232	0.0845	1.0000	0.0050
1303498	226.00	227.50	0.0211	0.0866	0.9000	0.0050

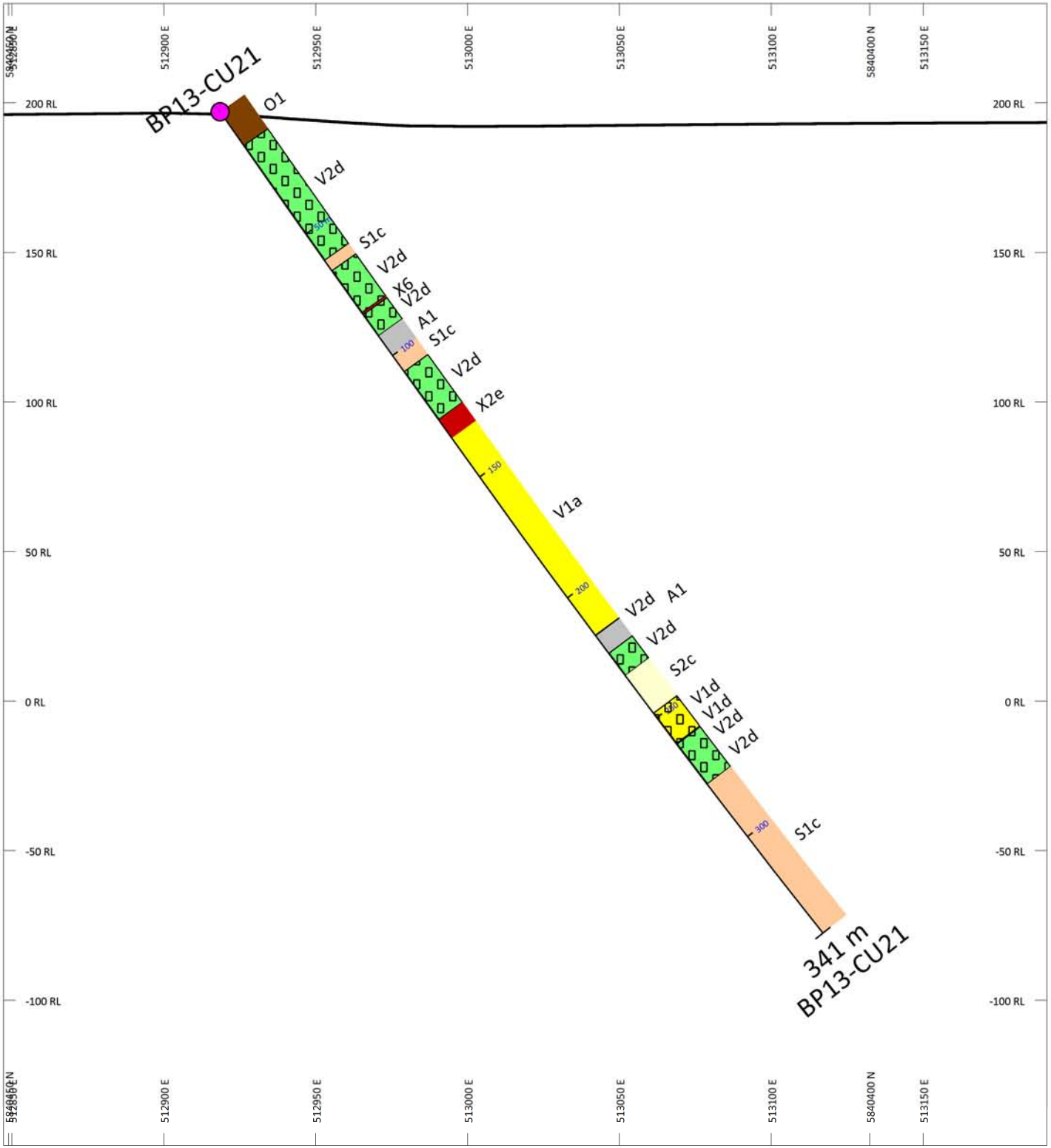
DETAILED LOG

Hole Number: **BP13-CU21**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
1303499	227.50	229.00	0.0253	0.0629	0.9000	0.0050
1305001	229.00	230.50	0.0245	0.0796	0.7000	0.0050
1305002	230.50	232.00	0.0077	0.0356	0.6000	0.0050
1305003	232.00	233.50	0.0010	0.0121	0.5000	0.0050
1305004	233.50	235.00	0.0005	0.0155	0.6000	0.0050
1305005	235.00	236.50	0.0138	0.0130	0.7000	0.0050
1305006	236.50	238.00	0.0007	0.0128	0.5000	0.0050
1305007	238.00	239.50	0.0011	0.0110	0.7000	0.0050
1305008	239.50	241.00	0.0012	0.0124	0.6000	0.0050
1305009	241.00	242.50	0.0004	0.0139	0.3000	0.0050
1305010	242.50	244.00	0.0028	0.0087	0.5000	0.0050
1305011	244.00	245.50	0.0016	0.0103	0.5000	0.0050
1305012	245.50	247.00	0.0012	0.0097	0.3000	0.0050
1305013	247.00	248.50	0.0042	0.0145	0.6000	0.0050
1305014	248.50	250.00	0.0099	0.0795	1.5000	0.0050
1305015	250.00	251.50	0.0117	0.0633	1.2000	0.0050
1305016	251.50	253.00	0.0039	0.0017	0.5000	0.0050
1305017	253.00	254.50	0.0006	0.0025	0.6000	0.0050
1305018	254.50	256.00	0.0012	0.0004	0.9000	0.0050
1305019	256.00	257.50	0.1330	0.0257	4.0000	0.0110
1305020	257.50	259.00	0.1220	0.1110	4.5000	0.0090
1305021	259.00	260.50	0.0851	0.1150	3.3000	0.0070
1305022	260.50	262.00	0.1550	0.0347	4.9000	0.0130
1305023	262.00	263.50	0.1860	0.0911	6.0000	0.0120
1305024	263.50	265.00	0.1110	0.0289	4.0000	0.0200
1305026	265.00	266.50	0.0736	0.0733	2.4000	0.0070
1305027	266.50	268.00	0.0522	0.0406	1.8000	0.0050
1305028	268.00	269.50	0.0552	0.0603	1.1000	0.0050
1305029	269.50	271.00	0.0052	0.0133	0.5000	0.0050
1305031	271.00	272.50	0.0031	0.0135	0.6000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Chlorite alteration zone
		Overburden
		Felsic siltstone
		Intermediate siltstone
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate lapilli tuff
		Stringer sulfides (pyrite)
		Massive sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	513019 m	5840420 m
EXTENTS	348.8 m	381.8 m
SECTION TOP, BOT	233.2 m	-148.6 m
TOLERANCE +/-	25 m	

SCALE 1 : 2000

(m)

-20 0 20 40 60

NAD83 / UTM zone 16N

AZIMUTH = 100°

N W E S

Butler Property

Cross-Section

Butler 4

BP13-CU21

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN06-27**	Units: Metric

Cover Page

Project Name:	Butler Butler 4	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2006 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512970 5839620 193.1238161	Collar Azimuth: Collar Dip: Final Depth (m):	270 -45 213.38	Mining Claim(s) / Provincial Cell Grid(s): Township:	209245 (43D10K211) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 20.65	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	18	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Chris Roney Cartwright Drilling 22-Oct-2006 24-Oct-2006

ReLog Notes	The hole collars into felsic volcaniclastics until reaching the Butler 4 exhalative zone at 152m, which extends to 159m. Past this point, the composite of the volcaniclastics is intermediate (previously logged as felsic). Texturally it appears to be volcaniclastic lapilli. A second exhalative zone is encountered from 192.6-197.7m. Strong Fe enrichment is observed in both Fe-silicates and Fe-sulfides (Fe/Ti ratio), supporting a VMS-exhalative interpretation for the primary sulfides. Sulfide phases are dominantly pyrite with trace chalcopyrite, total sulfide is probably around the 15-20% as disseminated. Texturally the sulfide appears as disseminated replacement. Silicate phases are chlorite and Fe-Mg amphibole. Minor oxide (magnetite) occurs as both disseminated and narrow cross-cutting veinlets. Two samples in the original assaying returned very high gold values (15.4 and 2.3 g/t Au). Upon re-examination by Noront in 2018, no visible gold was observed in this interval as was any adjacent veining. However, an unsampled ~12cm wide quartz vein occurs in the footwall nearby. Re-sampling of the area in 2018 could not reproduce the anomalous gold results, despite splitting the sampling area. Results for Ag, Cu, and Zn returned similar results, suggesting that the problem lay with the original gold analysis.

DETAILED LOG

Hole Number: **MN06-27**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5839620.00	North:	5839620.00	Collar Az:	270.00
Location:		East:	512970.00	East:	512970.00	Length:	213.38
		Elev:	193.12	Elev:	193.12	Start Depth:	0.00
Date Started:	Oct 22, 2006	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 213.38
Date Completed:	Oct 24, 2006	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 4; Grid 5S, Re-built Rig #2, casing cap was put on casing, drill sitting on this site until next drill program starts, core store outside new core shack by airport

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	270.00	-45.00	EZSHOT	OK		**60.96**	277.20	-42.10	EZSHOT	OK	
91.44	275.70	-42.20	EZSHOT	OK		**121.92**	279.20	-40.30	EZSHOT	OK	
152.40	282.90	-38.70	EZSHOT	OK		**182.88**	288.10	-37.40	EZSHOT	OK	
213.38	280.00	-36.70	EZSHOT	OK							

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	20.65	**O1, Overburden Unclassified** Overburden. Overburden, casing down to 19.81m, left in hole and aluminium cap put on it								
20.65	131.61	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite/rhyodacite (400 to 720 Zr/TiO2). Extremely Siliceous Felsic Volcanic, with hornblende(hornfels)-biotite-chlorite stringers/bands, tr garnets scattered throughout unit	373196	54.93	55.13	0.20	0.00	0.02	0.50	
			373197	92.77	92.97	0.20	0.00	0.01	0.50	
			373198	121.74	121.95	0.21	0.00	0.02	0.50	
131.61	139.94	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite/rhyodacite (400 to 720 Zr/TiO2). Tuffaceous Felsic Volcanic, small fragmental section, siliceous but no way as siliceous as unit above.	136916	136.98	137.98	1.00	0.00	0.02	0.05	
			136917	137.98	138.94	0.96	0.01	0.03	2.00	
			136918	138.94	139.94	1.00	0.01	0.01	1.00	
139.94	147.58	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Andesite (200 to 400 Zr/TiO2). Intermediate-felsic Volcanic, becomes more chloritic towards the bottom, minor fragments, moderately magnetic	373199	142.58	142.78	0.20	0.01	0.01	0.50	
147.58	152.03	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite/rhyodacite (400 to 720 Zr/TiO2). Tuffaceous Felsic Volcanic, tr-2% garnet, <1-3mm, becomes more chlorite towards bottom, tr-3% Py, becomes more downwards, tr-2% magnetite	373200	148.20	148.40	0.20	0.00	0.01	0.50	
			136919	151.03	152.03	1.00	0.01	0.02	2.00	

Hole Number: **MN06-27**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
152.03	152.62	**X5b, Mineralization Semi-massive Cu-Zn sulfide** Semi-massive sulfide (>40%<60% sulfide). Well Mineralized Zone in Chlorite Schist, Sp @ top, very fine grained anf blebby, Cp becomes more abundant downwards **MINOR INTERVALS:** **Minor Interval:** 152.03 - 152.62 M2g, Metamorphic Intermediate Schist Well Mineralized Zone in Chlorite Schist, Sp @ top, very fine grained anf blebby, Cp becomes more abundant downwards	136921	152.03	152.62	0.59	0.82	0.61	12.00	
152.62	158.39	**X6b, Mineralization Massive Cu-Zn sulfide** Massive sulfide (>60% sulfide). Massive Sulphides, in Siliceous Chlorite matrix, 10-20% becoming more abundant downwards, most of Sp in bottom half, hard to estimate Sp % due to Po/Sp/Mag association	136922	152.62	153.62	1.00	0.76	0.27	13.00	
			136923	153.62	154.62	1.00	1.94	1.63	14.00	
			136924	154.62	155.62	1.00	1.57	0.37	18.00	
			136925	155.62	156.62	1.00	0.37	1.30	8.00	
			136926	156.62	157.62	1.00	0.44	6.41	8.00	
			136927	157.62	158.39	0.77	0.36	0.94	6.00	
158.39	159.04	**X5b, Mineralization Semi-massive Cu-Zn sulfide** Semi-massive sulfide (>40%<60% sulfide). Well Mineralized Zone in Chlorite Schist **MINOR INTERVALS:** **Minor Interval:** 158.39 - 159.04 M2g, Metamorphic Intermediate Schist Well Mineralized Zone in Chlorite Schist	136928	158.39	159.04	0.65	0.25	0.16	4.00	
159.04	167.59	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Relogged as intermediate volcaniclastic. Dacite/rhyodacite (400 to 720 Zr/TiO2). Tuffaceous Felsic Volcanic, with bands of hornblende rich material with minor chlorite, chlorite becomes more abundant downwards, tr-1% garnets, <1-5mm, most @ top, tr Py, except for right @ top and bottom of unit, which have 1-2% Py	136929	159.04	160.04	1.00	0.02	0.02	0.05	
			136963	163.20	163.39	0.19	0.01	0.01	0.50	
167.59	180.03	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Relogged as intermediate volcaniclastic. Dacite/rhyodacite (400 to 720 Zr/TiO2). Chlorite Schist, mineralized with tr-5% Py, have some sericitic zones, siliceous zones, as well have some well mineralized zones to stringer sulphide zones, tr talc and garnets @ top	136931	169.18	170.18	1.00	0.01	0.17	3.00	
			136932	170.18	171.05	0.87	0.09	0.29	4.00	
			136933	171.05	171.94	0.89	0.07	0.23	3.00	
			136934	171.94	172.49	0.55	0.74	0.53	24.00	
			136935	172.49	172.99	0.50	0.25	0.30	5.00	
			136936	172.99	173.60	0.61	0.18	0.06	5.00	
			136937	173.60	174.98	1.38	0.00	0.02	0.05	
			136938	174.98	175.86	0.88	0.03	0.03	2.00	
			136939	175.86	176.74	0.88	0.04	0.02	2.00	
			136941	176.74	177.74	1.00	0.01	0.02	2.00	
			136942	178.50	179.00	0.50	0.01	0.03	3.00	
			136943	179.00	180.03	1.03	0.02	0.03	2.00	
180.03	182.25	**I1, Intrusive Felsic** Felsic Dyke. Felsic to Pegmatite Dyke, with abundant muscovite	136944	180.03	180.53	0.50	0.00	0.00	0.05	
			136964	181.67	181.87	0.20	0.01	0.00	0.50	

DETAILED LOG

Hole Number: **MN06-27**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
182.25	192.64	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Relogged as intermediate volcaniclastic. Dacite/rhyodacite (400 to 720 Zr/TiO2). Chloritic Felsic Volcanic, siliceous, tr-3% garnets, <1-6mm, trace @ top of unit, become more abundant downwards, have qtz vnlts with Py & Sp scattered throughout the unit, making it hard to estimate Sp %, unit well foliated, sericite scattered throughout unit	136945	182.75	183.85	1.10	0.01	0.05	3.00	
			136946	183.85	184.85	1.00	0.02	0.06	2.00	
			136947	184.85	185.60	0.75	0.03	0.07	2.00	
			136948	185.60	186.60	1.00	0.03	0.39	2.00	
			136949	186.60	187.60	1.00	0.00	0.09	0.05	
			136951	187.60	188.60	1.00	0.01	0.16	2.00	
			136952	188.60	189.64	1.04	0.01	0.09	2.00	
			136953	189.64	190.64	1.00	0.00	0.06	2.00	
			136954	190.64	191.64	1.00	0.01	0.13	537.00	
			136955	191.64	192.64	1.00	0.02	0.08	2.00	
192.64	197.67	**X5b, Mineralization Semi-massive Cu-Zn sulfide** Semi-massive sulfide (>40%<60% sulfide). Well Mineralized Zone in Extremely Siliceous Chlorite Schist, becomes more sericitic towards the bottom **MINOR INTERVALS:** **Minor Interval:** 192.64 - 197.67 M2g, Metamorphic Intermediate Schist Well Mineralized Zone in Extremely Siliceous Chlorite Schist, becomes more sericitic towards the bottom	113456	192.64	193.64	1.00	0.05	0.07	0.70	0.00
			136956	192.64	193.64	1.00	0.04	0.05	2.00	
			113457	193.64	194.64	1.00	0.08	0.06	0.90	0.00
			136957	193.64	194.64	1.00	0.07	0.05	2.00	
			113458	194.64	195.14	0.50	0.18	0.08	1.90	0.02
			136958	194.64	195.65	1.01	0.24	0.09	5.00	
			113459	195.14	195.65	0.51	0.24	0.14	3.00	0.02
			113461	195.65	196.15	0.50	0.14	1.38	1.40	0.01
			136959	195.65	196.66	1.01	0.22	0.97	7.00	
			113462	196.15	196.65	0.50	0.16	0.79	31.90	0.01
			113463	196.65	197.15	0.50	0.40	0.09	3.00	0.00
			136961	196.66	197.67	1.01	0.23	0.34	4.00	
			113464	197.15	197.67	0.52	0.02	0.02	0.80	0.00
197.67	213.38	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Relogged as intermediate volcaniclastic. Dacite/rhyodacite (400 to 720 Zr/TiO2). Siliceous Chloritic Felsic Volcanic, magnetite rich @ top, becoming less downwards, more sericitic downwards, Py & Po in localized str/bds <1cm	113465	197.67	198.67	1.00	0.01	0.02	0.70	0.00
			136962	197.67	198.67	1.00	0.02	0.02	2.00	
			113466	198.67	199.67	1.00	0.04	0.02	0.80	0.00
			113467	199.67	200.67	1.00	0.03	0.01	0.70	0.00
			113468	200.67	201.67	1.00	0.03	0.01	0.80	0.00
			113469	201.67	202.90	1.23	0.01	0.01	0.80	0.00
			113471	202.90	203.90	1.00	0.01	0.01	0.70	0.00
			113472	203.90	204.00	0.10	0.07	0.01	0.40	0.01
			113473	204.00	205.00	1.00	0.05	0.01	0.90	0.00
			136965	206.17	206.37	0.20	0.00	0.00	0.50	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
373196	54.93	55.13	0.0013	0.0159	0.5000	
373197	92.77	92.97	0.0009	0.0145	0.5000	
373198	121.74	121.95	0.0009	0.0163	0.5000	
136916	136.98	137.98	0.0048	0.0232	0.0500	
136917	137.98	138.94	0.0081	0.0266	2.0000	

Hole Number: **MN06-27**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
136918	138.94	139.94	0.0080	0.0076	1.0000	
373199	142.58	142.78	0.0054	0.0098	0.5000	
373200	148.20	148.40	0.0015	0.0135	0.5000	
136919	151.03	152.03	0.0130	0.0215	2.0000	
136921	152.03	152.62	0.8202	0.6126	12.0000	
136922	152.62	153.62	0.7633	0.2665	13.0000	
136923	153.62	154.62	1.9435	1.6259	14.0000	
136924	154.62	155.62	1.5707	0.3741	18.0000	
136925	155.62	156.62	0.3654	1.2964	8.0000	
136926	156.62	157.62	0.4408	6.4127	8.0000	
136927	157.62	158.39	0.3574	0.9390	6.0000	
136928	158.39	159.04	0.2503	0.1586	4.0000	
136929	159.04	160.04	0.0179	0.0218	0.0500	
136963	163.20	163.39	0.0076	0.0104	0.5000	
136931	169.18	170.18	0.0069	0.1746	3.0000	
136932	170.18	171.05	0.0914	0.2894	4.0000	
136933	171.05	171.94	0.0708	0.2302	3.0000	
136934	171.94	172.49	0.7417	0.5262	24.0000	
136935	172.49	172.99	0.2480	0.2955	5.0000	
136936	172.99	173.60	0.1844	0.0607	5.0000	
136937	173.60	174.98	0.0031	0.0202	0.0500	
136938	174.98	175.86	0.0308	0.0321	2.0000	
136939	175.86	176.74	0.0408	0.0179	2.0000	
136941	176.74	177.74	0.0137	0.0247	2.0000	
136942	178.50	179.00	0.0098	0.0316	3.0000	
136943	179.00	180.03	0.0193	0.0302	2.0000	
136944	180.03	180.53	0.0018	0.0022	0.0500	
136964	181.67	181.87	0.0066	0.0033	0.5000	
136945	182.75	183.85	0.0125	0.0490	3.0000	
136946	183.85	184.85	0.0171	0.0565	2.0000	
136947	184.85	185.60	0.0288	0.0724	2.0000	
136948	185.60	186.60	0.0280	0.3936	2.0000	
136949	186.60	187.60	0.0042	0.0905	0.0500	
136951	187.60	188.60	0.0135	0.1565	2.0000	
136952	188.60	189.64	0.0065	0.0948	2.0000	
136953	189.64	190.64	0.0038	0.0579	2.0000	
136954	190.64	191.64	0.0145	0.1281	537.0000	
136955	191.64	192.64	0.0191	0.0834	2.0000	
136956	192.64	193.64	0.0384	0.0536	2.0000	

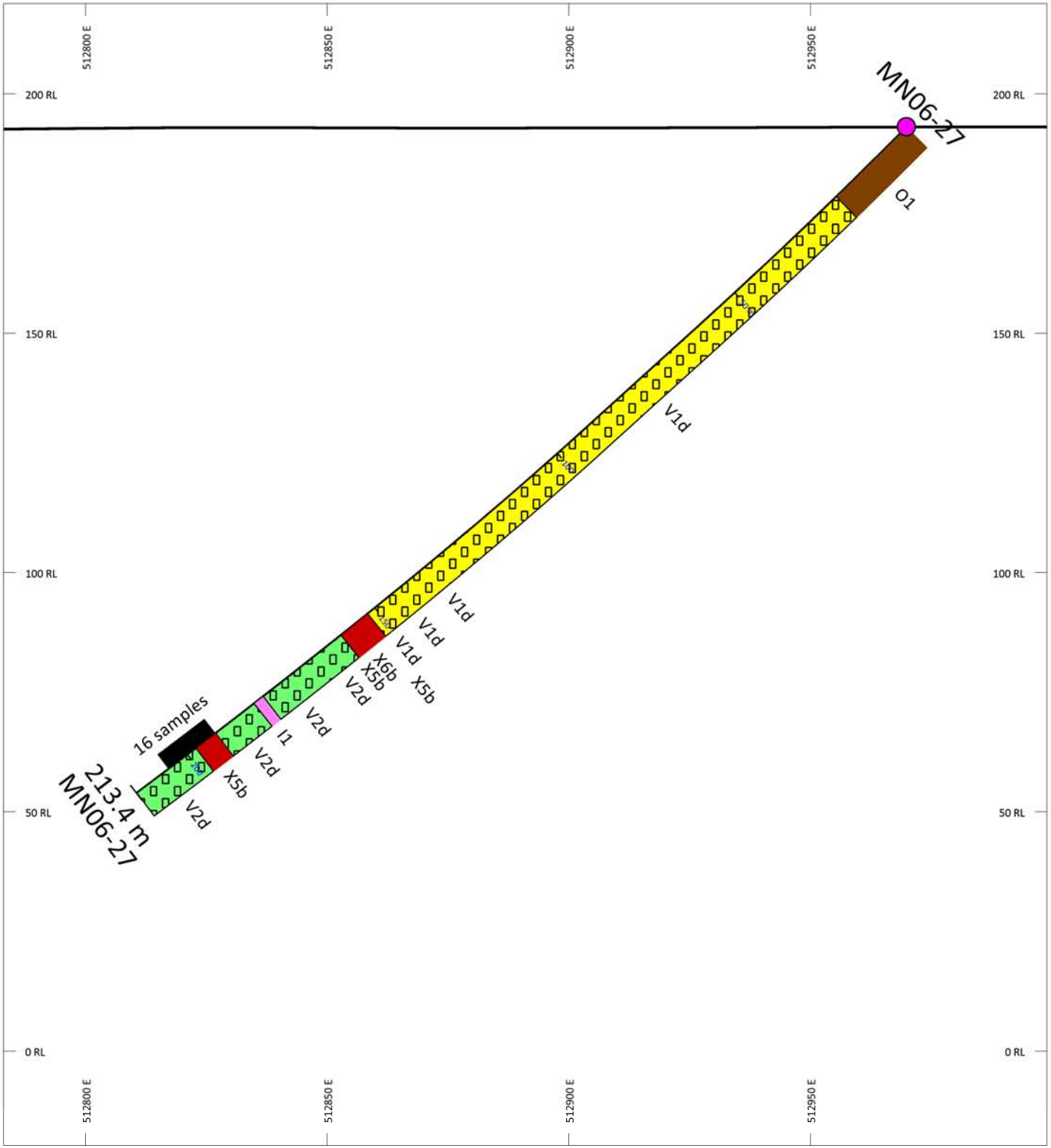
DETAILED LOG

Hole Number: **MN06-27**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
136957	193.64	194.64	0.0681	0.0464	2.0000	
136958	194.64	195.65	0.2439	0.0894	5.0000	
136959	195.65	196.66	0.2190	0.9666	7.0000	
136961	196.66	197.67	0.2290	0.3395	4.0000	
136962	197.67	198.67	0.0191	0.0188	2.0000	
113466	198.67	199.67	0.0423	0.0163	0.8000	0.0040
113467	199.67	200.67	0.0334	0.0107	0.7000	0.0010
113468	200.67	201.67	0.0265	0.0059	0.8000	0.0010
113469	201.67	202.90	0.0100	0.0069	0.8000	0.0010
113471	202.90	203.90	0.0141	0.0102	0.7000	0.0010
113472	203.90	204.00	0.0694	0.0130	0.4000	0.0050
113473	204.00	205.00	0.0472	0.0132	0.9000	0.0020
136965	206.17	206.37	0.0026	0.0026	0.5000	
Sample Type **CHECK**						
113456	192.64	193.64	0.0521	0.0704	0.7000	0.0010
113457	193.64	194.64	0.0776	0.0563	0.9000	0.0010
113458	194.64	195.14	0.1780	0.0755	1.9000	0.0190
113459	195.14	195.65	0.2350	0.1400	3.0000	0.0150
113461	195.65	196.15	0.1420	1.3800	1.4000	0.0090
113462	196.15	196.65	0.1570	0.7870	31.9000	0.0110
113463	196.65	197.15	0.4040	0.0884	3.0000	0.0030
113464	197.15	197.67	0.0166	0.0217	0.8000	0.0010
113465	197.67	198.67	0.0128	0.0212	0.7000	0.0010



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Felsic intrusive
		Overburden
		Felsic lapilli tuff
		Intermediate lapilli tuff
		Semi-massive sulfides (Cu-Zn)
		Massive sulfides (Cu-Zn)

ROCK CODES Lab	PAT	LABEL
		Actlabs

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All
Sample	L	-------	All

SECTION SPECS:

REF. PT. E, N	512891 m	5839630 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	218.9 m	-19.76 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 98°

N W E S

Butler Property

Cross-Section

Butler 4

MN06-27

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-59**	Units: Metric

Cover Page

Project Name:	Butler Butler 4	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512932 5839196 192.7972355	Collar Azimuth: Collar Dip: Final Depth (m):	105 -45 184.44	Mining Claim(s) / Provincial Grid(s): Township:	275212 (43D10K231) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 19.5	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Kevin McKinney Cartwright Drilling 9-Jul-2008 10-Jul-2008

ReLog Notes	The hole is located ~300m to the south of MN08-69 and is drilled to the east to test the stratigraphy above MN08-69. The hole tested both a strong regional magnetic feature that demarks the (structural) top of the volcanic sequence and extends around much of the Butler western limb as well as a weak airborne EM response. The hole collars into felsic metasediments from 20 to 52m. Metasediments are characterized as fine grained and well laminated with trace garnet occurring throughout. Stratigraphically overlying this from 52 to 105m is an intermediate to mafic metasediment that appears slightly darker in colour with increased magnetite content. Chlorite alteration begins to occur at ~86m continuing to 105m with minor actinolite bands above 105m. From 105-113m mafic metasediments (or possible ferrogabbro) is observed. The rock is coarser grained with biotite and chlorite and coarse-grained magnetite. A sharp contact is observed with felsic metasediments with fine laminated volcaniclastics intercalated occur to a depth of 116m. From 116-121.9m mafic metasediments are again observed and contain disseminated to stringer pyrite/pyrrhotite +- chalcopyrite. Interval is strongly foliated or dominated by well laminated beds. From 121.9m to end of hole (184m) felsic to intermediate metasediments varying from finely laminated to more massive occur with minor mafic intercalations are observed. TTG dykes begin to occur below 146m as the contact to intermediate intrusive occupying the inner portions of the fold hinge is approached.

DETAILED LOG

Hole Number: **MN08-59**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5839196.00	North:	5839196.00	Collar Az:	105.00
Location:		East:	512932.00	East:	512932.00	Length:	184.44
		Elev:	192.80	Elev:	192.80	Start Depth:	0.00
Date Started:	Jul 09, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 184.44
Date Completed:	Jul 10, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 4

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	105.00	-45.00	UK	OK		**184.40**	105.00	-45.00	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	19.50	**O1, Overburden Unclassified** Overburden								
19.50	52.00	**S1c, Sedimentary Felsic siltstone** Felsic metasediments characterized as fine grained and well laminated with trace garnet occurring throughout	102567	19.50	21.00	1.50	0.00	0.01	0.20	0.00
			102568	21.00	22.50	1.50	0.00	0.01	0.20	0.00
			102569	22.50	24.00	1.50	0.00	0.01	0.20	0.00
			102570	24.00	25.50	1.50	0.00	0.01	0.20	0.00
			102571	25.50	27.00	1.50	0.00	0.02	0.20	0.00
			102573	27.00	28.50	1.50	0.00	0.01	0.20	0.00
			102574	28.50	30.00	1.50	0.00	0.01	0.20	0.00
			102575	30.00	31.50	1.50	0.00	0.01	0.20	0.00
			102576	31.50	33.00	1.50	0.00	0.01	0.20	0.00
			102577	33.00	34.50	1.50	0.00	0.01	0.20	0.00
			102578	34.50	36.00	1.50	0.00	0.01	0.20	0.00
			102579	36.00	37.50	1.50	0.00	0.01	0.20	0.00
			102580	37.50	39.00	1.50	0.00	0.01	0.20	0.00
			102581	39.00	40.50	1.50	0.00	0.01	0.20	0.00
			102583	40.50	42.00	1.50	0.00	0.01	0.20	0.00
			102584	42.00	43.50	1.50	0.00	0.01	0.20	0.00
			102585	43.50	45.00	1.50	0.00	0.01	0.20	0.00
			102586	45.00	46.50	1.50	0.01	0.01	0.20	0.00
			102587	46.50	48.00	1.50	0.00	0.01	0.20	0.00
			102588	48.00	49.50	1.50	0.01	0.01	0.20	0.00
			102589	49.50	51.00	1.50	0.01	0.01	0.20	0.00
			102590	51.00	52.50	1.50	0.01	0.01	0.20	0.00

Hole Number: **MN08-59** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
52.00	78.50	**S2c, Sedimentary Intermediate siltstone** Intermediate to mafic metasediment that appears slightly darker in colour with increased magnetite content. Chlorite alteration begins to occur at ~86m continuing to 105m with minor actinolite bands above 105m	102591	52.50	54.00	1.50	0.00	0.01	0.20	0.00
			102593	54.00	55.50	1.50	0.01	0.01	0.20	0.01
			102594	55.50	57.00	1.50	0.01	0.01	0.20	0.00
			102595	57.00	58.50	1.50	0.00	0.01	0.20	0.00
			841531	57.60	57.70	0.10	0.01	0.02	0.06	
			102596	58.50	60.00	1.50	0.01	0.01	0.20	0.00
			102597	60.00	61.50	1.50	0.00	0.01	0.20	0.00
			102598	61.50	63.00	1.50	0.01	0.02	0.20	0.00
			102599	63.00	64.50	1.50	0.01	0.02	0.20	0.00
			102600	64.50	66.00	1.50	0.00	0.01	0.20	0.00
			102601	66.00	67.50	1.50	0.00	0.01	0.20	0.00
			102603	67.50	69.00	1.50	0.00	0.03	0.20	0.00
			102604	69.00	70.50	1.50	0.00	0.02	0.20	0.00
			102605	70.50	72.00	1.50	0.01	0.01	0.20	0.00
			102606	72.00	73.50	1.50	0.00	0.01	0.20	0.00
			102607	73.50	75.00	1.50	0.00	0.01	0.20	0.00
			102608	75.00	76.50	1.50	0.00	0.01	0.20	0.00
			102609	76.50	78.00	1.50	0.00	0.01	0.20	0.00
			102610	78.00	79.50	1.50	0.02	0.00	0.20	0.00
78.50	79.50	**I3e, Intrusive Mafic Ferrogabbro** Sheared ferrogabbro sill or mafic metasediments?								
79.50	105.20	**S2c, Sedimentary Intermediate siltstone** Intermediate to mafic metasediment that appears slightly darker in colour with increased magnetite content. Chlorite alteration begins to occur at ~86m continuing to 105m with minor actinolite bands above 105m	102611	79.50	81.00	1.50	0.00	0.00	0.20	0.00
			102613	81.00	82.50	1.50	0.01	0.01	0.20	0.00
			102614	82.50	84.00	1.50	0.01	0.00	0.20	0.00
			102615	84.00	85.50	1.50	0.01	0.00	0.20	0.00
			102616	85.50	87.00	1.50	0.01	0.01	0.20	0.01
			102617	87.00	88.50	1.50	0.01	0.00	0.20	0.00
			102618	88.50	90.00	1.50	0.01	0.00	0.20	0.00
			102619	90.00	91.50	1.50	0.02	0.01	0.20	0.00
			102620	91.50	93.00	1.50	0.01	0.01	0.20	0.00
			102621	93.00	94.50	1.50	0.00	0.01	0.20	0.00
			102623	94.50	96.00	1.50	0.00	0.01	0.20	0.00
			102624	96.00	97.50	1.50	0.00	0.01	0.20	0.00
			102625	97.50	99.00	1.50	0.00	0.01	0.20	0.00
			102626	99.00	100.50	1.50	0.01	0.01	0.20	0.00
			102627	100.50	102.00	1.50	0.01	0.01	0.20	0.01
			102628	102.00	103.50	1.50	0.00	0.00	0.20	0.00
			102629	103.50	105.00	1.50	0.00	0.00	0.20	0.00
			102630	105.00	106.50	1.50	0.06	0.00	0.20	0.00

DETAILED LOG

Hole Number: **MN08-59**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
105.20	113.00	**I3e, Intrusive Mafic Ferrogabbro** Mafic metasediments or possible ferrogabbro sills. The rock is coarser grained with biotite and chlorite and coarse grained magnetite	102631	106.50	108.00	1.50	0.03	0.00	0.20	0.00
			102633	108.00	109.50	1.50	0.01	0.00	0.20	0.00
			102634	109.50	111.00	1.50	0.27	0.00	0.20	0.01
			841532	111.00	111.10	0.10	0.01	0.01	0.03	
			102635	111.00	112.50	1.50	0.01	0.00	0.20	0.00
			102636	112.50	114.00	1.50	0.07	0.00	0.20	0.00
113.00	116.00	**S1c, Sedimentary Felsic siltstone** Sharp contact observed with felsic metasediments with fine laminated volcaniclastics intercalated occur to a depth of 116m	102637	114.00	115.50	1.50	0.00	0.01	0.20	0.00
			102638	115.50	117.00	1.50	0.20	0.00	0.50	0.01
116.00	121.90	**I3e, Intrusive Mafic Ferrogabbro** Mafic metasediments or ferrogabbro sills are again observed and contain disseminated to stringer pyrite/pyrrhotite +- chalcopyrite. Interval is strongly foliated or dominated by well laminated beds	102639	117.00	118.50	1.50	0.40	0.01	1.00	0.02
			102640	118.50	120.00	1.50	0.40	0.01	0.70	0.02
			102641	120.00	121.50	1.50	0.40	0.01	0.90	0.02
			102643	121.50	123.00	1.50	0.01	0.00	0.20	0.00

Hole Number: **MN08-59** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
121.90	184.44	**S1c, Sedimentary Felsic siltstone** Felsic to intermediate metasediments varying from finely laminated to more massive occur with minor mafic intercalations are observed. TTG dykes begin to occur below 146m as the contact to intermediate intrusive occupying the inner portions of the fold hinge is approached	102644	123.00	124.50	1.50	0.00	0.00	0.20	0.00
			102645	124.50	126.00	1.50	0.00	0.00	0.20	0.00
			102646	126.00	127.50	1.50	0.00	0.00	0.20	0.00
			102647	127.50	129.00	1.50	0.00	0.01	0.20	0.00
			102648	129.00	130.50	1.50	0.00	0.01	0.20	0.00
			102649	130.50	132.00	1.50	0.00	0.01	0.20	0.00
			102650	132.00	133.50	1.50	0.00	0.00	0.20	0.00
			102651	133.50	135.00	1.50	0.00	0.00	0.20	0.00
			102653	135.00	136.50	1.50	0.00	0.00	0.20	0.00
			102654	136.50	138.00	1.50	0.00	0.00	0.20	0.00
			102655	138.00	139.50	1.50	0.00	0.00	0.20	0.00
			102656	139.50	141.00	1.50	0.00	0.00	0.20	0.00
			102657	141.00	142.50	1.50	0.00	0.00	0.20	0.00
			102658	142.50	144.00	1.50	0.00	0.00	0.20	0.00
			102659	144.00	145.50	1.50	0.00	0.00	0.20	0.00
			102660	145.50	147.00	1.50	0.00	0.00	0.20	0.00
			102661	147.00	148.50	1.50	0.00	0.00	0.20	0.00
			102663	148.50	150.00	1.50	0.00	0.00	0.20	0.00
			102664	150.00	151.50	1.50	0.00	0.00	0.20	0.00
			102665	151.50	153.00	1.50	0.00	0.00	0.20	0.00
			102666	153.00	154.50	1.50	0.00	0.00	0.20	0.00
			102667	154.50	156.00	1.50	0.00	0.00	0.20	0.00
			102668	156.00	157.50	1.50	0.00	0.00	0.20	0.00
			102669	157.50	159.00	1.50	0.00	0.00	0.20	0.00
			102670	159.00	160.50	1.50	0.00	0.00	0.20	0.00
			841533	159.10	159.20	0.10	0.00	0.00	0.03	
			102671	160.50	162.00	1.50	0.00	0.00	0.20	0.00
			102673	162.00	163.50	1.50	0.00	0.00	0.20	0.00
			102674	163.50	165.00	1.50	0.00	0.00	0.20	0.00
			102675	165.00	166.50	1.50	0.00	0.00	0.20	0.00
			102676	166.50	168.00	1.50	0.00	0.00	0.20	0.00
			102677	168.00	169.50	1.50	0.00	0.00	0.20	0.00
			102678	169.50	171.00	1.50	0.00	0.00	0.20	0.00
			102679	171.00	172.50	1.50	0.00	0.00	0.20	0.00
			102680	172.50	174.00	1.50	0.00	0.00	0.20	0.00
			102681	174.00	175.50	1.50	0.00	0.00	0.20	0.00
			102683	175.50	177.00	1.50	0.00	0.00	0.20	0.00
			102684	177.00	178.50	1.50	0.00	0.00	0.20	0.00
			102685	178.50	180.00	1.50	0.00	0.00	0.20	0.00
			102686	180.00	181.50	1.50	0.00	0.00	0.20	0.00
			102687	181.50	183.00	1.50	0.00	0.00	0.20	0.00
			102688	183.00	184.44	1.44	0.00	0.00	0.20	0.00

Hole Number: **MN08-59** Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102567	19.50	21.00	0.0005	0.0117	0.2000	0.0010
102568	21.00	22.50	0.0005	0.0106	0.2000	0.0010
102569	22.50	24.00	0.0004	0.0137	0.2000	0.0010
102570	24.00	25.50	0.0004	0.0113	0.2000	0.0010
102571	25.50	27.00	0.0007	0.0209	0.2000	0.0010
102573	27.00	28.50	0.0005	0.0107	0.2000	0.0010
102574	28.50	30.00	0.0005	0.0115	0.2000	0.0020
102575	30.00	31.50	0.0005	0.0106	0.2000	0.0010
102576	31.50	33.00	0.0004	0.0102	0.2000	0.0020
102577	33.00	34.50	0.0003	0.0102	0.2000	0.0010
102578	34.50	36.00	0.0002	0.0109	0.2000	0.0030
102579	36.00	37.50	0.0016	0.0111	0.2000	0.0020
102580	37.50	39.00	0.0013	0.0115	0.2000	0.0010
102581	39.00	40.50	0.0018	0.0120	0.2000	0.0020
102583	40.50	42.00	0.0019	0.0120	0.2000	0.0010
102584	42.00	43.50	0.0013	0.0096	0.2000	0.0010
102585	43.50	45.00	0.0016	0.0108	0.2000	0.0010
102586	45.00	46.50	0.0098	0.0092	0.2000	0.0010
102587	46.50	48.00	0.0035	0.0103	0.2000	0.0010
102588	48.00	49.50	0.0082	0.0091	0.2000	0.0020
102589	49.50	51.00	0.0058	0.0099	0.2000	0.0010
102590	51.00	52.50	0.0068	0.0104	0.2000	0.0010
102591	52.50	54.00	0.0037	0.0052	0.2000	0.0010
102593	54.00	55.50	0.0056	0.0097	0.2000	0.0060
102594	55.50	57.00	0.0062	0.0102	0.2000	0.0020
102595	57.00	58.50	0.0045	0.0075	0.2000	0.0010
841531	57.60	57.70	0.0055	0.0155	0.0600	
102596	58.50	60.00	0.0061	0.0105	0.2000	0.0010
102597	60.00	61.50	0.0024	0.0140	0.2000	0.0010
102598	61.50	63.00	0.0055	0.0205	0.2000	0.0020
102599	63.00	64.50	0.0077	0.0180	0.2000	0.0010
102600	64.50	66.00	0.0047	0.0138	0.2000	0.0010
102601	66.00	67.50	0.0038	0.0108	0.2000	0.0010
102603	67.50	69.00	0.0047	0.0253	0.2000	0.0020
102604	69.00	70.50	0.0017	0.0200	0.2000	0.0010
102605	70.50	72.00	0.0076	0.0109	0.2000	0.0020
102606	72.00	73.50	0.0023	0.0063	0.2000	0.0020
102607	73.50	75.00	0.0008	0.0069	0.2000	0.0010
102608	75.00	76.50	0.0010	0.0062	0.2000	0.0010

Hole Number: **MN08-59** Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102609	76.50	78.00	0.0010	0.0054	0.2000	0.0020
102610	78.00	79.50	0.0177	0.0044	0.2000	0.0020
102611	79.50	81.00	0.0042	0.0042	0.2000	0.0020
102613	81.00	82.50	0.0059	0.0091	0.2000	0.0020
102614	82.50	84.00	0.0053	0.0034	0.2000	0.0020
102615	84.00	85.50	0.0053	0.0027	0.2000	0.0010
102616	85.50	87.00	0.0083	0.0074	0.2000	0.0060
102617	87.00	88.50	0.0053	0.0032	0.2000	0.0020
102618	88.50	90.00	0.0051	0.0034	0.2000	0.0010
102619	90.00	91.50	0.0200	0.0090	0.2000	0.0020
102620	91.50	93.00	0.0091	0.0067	0.2000	0.0010
102621	93.00	94.50	0.0012	0.0087	0.2000	0.0010
102623	94.50	96.00	0.0013	0.0106	0.2000	0.0010
102624	96.00	97.50	0.0001	0.0114	0.2000	0.0010
102625	97.50	99.00	0.0025	0.0096	0.2000	0.0020
102626	99.00	100.50	0.0064	0.0065	0.2000	0.0020
102627	100.50	102.00	0.0092	0.0063	0.2000	0.0050
102628	102.00	103.50	0.0031	0.0049	0.2000	0.0030
102629	103.50	105.00	0.0014	0.0035	0.2000	0.0020
102630	105.00	106.50	0.0630	0.0043	0.2000	0.0040
102631	106.50	108.00	0.0264	0.0023	0.2000	0.0010
102633	108.00	109.50	0.0112	0.0028	0.2000	0.0010
102634	109.50	111.00	0.2730	0.0039	0.2000	0.0110
841532	111.00	111.10	0.0083	0.0069	0.0250	
102635	111.00	112.50	0.0113	0.0017	0.2000	0.0010
102636	112.50	114.00	0.0730	0.0035	0.2000	0.0030
102637	114.00	115.50	0.0034	0.0051	0.2000	0.0010
102638	115.50	117.00	0.1975	0.0047	0.5000	0.0080
102639	117.00	118.50	0.3980	0.0052	1.0000	0.0170
102640	118.50	120.00	0.3990	0.0050	0.7000	0.0170
102641	120.00	121.50	0.4010	0.0058	0.9000	0.0240
102643	121.50	123.00	0.0083	0.0027	0.2000	0.0020
102644	123.00	124.50	0.0021	0.0036	0.2000	0.0010
102645	124.50	126.00	0.0010	0.0039	0.2000	0.0020
102646	126.00	127.50	0.0019	0.0046	0.2000	0.0010
102647	127.50	129.00	0.0021	0.0058	0.2000	0.0010
102648	129.00	130.50	0.0007	0.0067	0.2000	0.0010
102649	130.50	132.00	0.0007	0.0050	0.2000	0.0010
102650	132.00	133.50	0.0002	0.0046	0.2000	0.0010

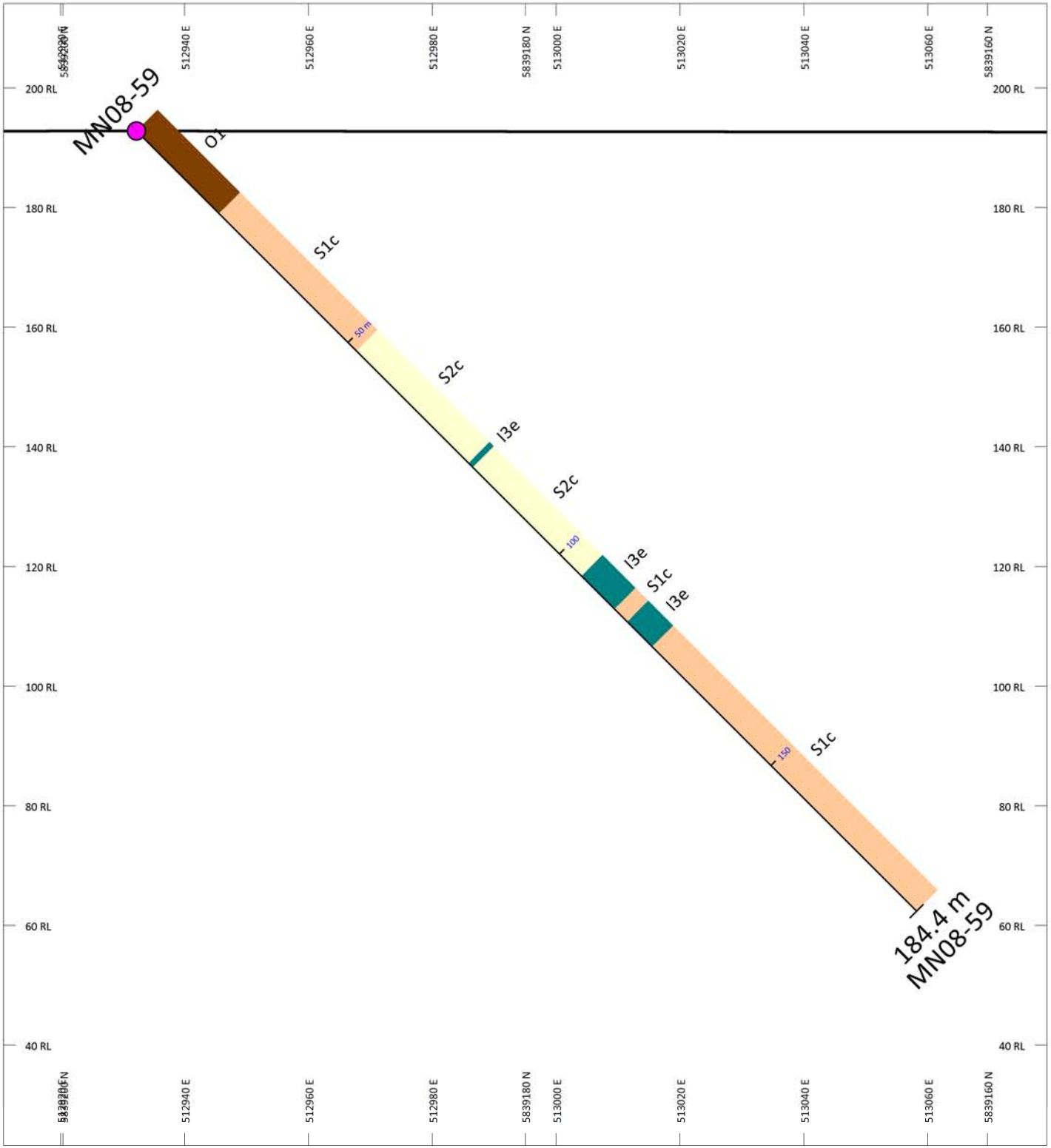
DETAILED LOG

Hole Number: **MN08-59**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102651	133.50	135.00	0.0007	0.0047	0.2000	0.0010
102653	135.00	136.50	0.0017	0.0042	0.2000	0.0010
102654	136.50	138.00	0.0002	0.0036	0.2000	0.0010
102655	138.00	139.50	0.0001	0.0031	0.2000	0.0010
102656	139.50	141.00	0.0001	0.0026	0.2000	0.0010
102657	141.00	142.50	0.0001	0.0024	0.2000	0.0010
102658	142.50	144.00	0.0003	0.0023	0.2000	0.0010
102659	144.00	145.50	0.0001	0.0030	0.2000	0.0010
102660	145.50	147.00	0.0005	0.0043	0.2000	0.0010
102661	147.00	148.50	0.0007	0.0033	0.2000	0.0010
102663	148.50	150.00	0.0017	0.0032	0.2000	0.0010
102664	150.00	151.50	0.0011	0.0040	0.2000	0.0010
102665	151.50	153.00	0.0001	0.0038	0.2000	0.0010
102666	153.00	154.50	0.0003	0.0046	0.2000	0.0010
102667	154.50	156.00	0.0001	0.0041	0.2000	0.0010
102668	156.00	157.50	0.0001	0.0041	0.2000	0.0010
102669	157.50	159.00	0.0001	0.0038	0.2000	0.0010
102670	159.00	160.50	0.0001	0.0013	0.2000	0.0010
841533	159.10	159.20	0.0001	0.0032	0.0250	
102671	160.50	162.00	0.0001	0.0013	0.2000	0.0010
102673	162.00	163.50	0.0001	0.0021	0.2000	0.0030
102674	163.50	165.00	0.0001	0.0027	0.2000	0.0010
102675	165.00	166.50	0.0001	0.0030	0.2000	0.0010
102676	166.50	168.00	0.0001	0.0032	0.2000	0.0010
102677	168.00	169.50	0.0001	0.0026	0.2000	0.0010
102678	169.50	171.00	0.0001	0.0024	0.2000	0.0010
102679	171.00	172.50	0.0001	0.0023	0.2000	0.0010
102680	172.50	174.00	0.0001	0.0031	0.2000	0.0010
102681	174.00	175.50	0.0001	0.0030	0.2000	0.0010
102683	175.50	177.00	0.0001	0.0034	0.2000	0.0010
102684	177.00	178.50	0.0001	0.0029	0.2000	0.0010
102685	178.50	180.00	0.0001	0.0021	0.2000	0.0010
102686	180.00	181.50	0.0002	0.0029	0.2000	0.0010
102687	181.50	183.00	0.0001	0.0033	0.2000	0.0010
102688	183.00	184.44	0.0004	0.0036	0.2000	0.0010



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Ferrogabbro
		Overburden
		Felsic siltstone
		Intermediate siltstone

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512995 m	5839180 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	214.1 m	23.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 105°

N W E S

Butler Property

Cross-Section

Butler 4

MN08-59

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-69**	Units: Metric

Cover Page

Project Name:	Butler Butler 4	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512948 5839492 191.798251	Collar Azimuth: Collar Dip: Final Depth (m):	285 -45 225.55	Mining Claim(s) / Provincial Cell Grid(s): Township:	209245 (43D10K211) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 15.24	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Kevin McKinney Cartwright Drilling 3-Aug-2008 5-Aug-2008

ReLog Notes	The hole is in the south-central portion of the Butler 4 area and was drilled from east to west going down the stratigraphy. Hole collars at 16m into felsic volcaniclastic tuff/metasediment which contains intervals of lapilli and bombs present with strong flattening parallel to foliation alternating with fine graded bedding and laminated intervals. Biotite, chlorite and trace garnet occurs as minor alteration. From 103-115m intermediate volcaniclastic tuff/metasediment is observed and is darker in colour with increased abundance of actinolite and chlorite. From 115-122m an intermediate to felsic volcaniclastic/metasediment is observed. This interval is very hard with limited Fe/Mg minerals present. The interval 122-128.5m is an intermediate volcaniclastic ranging from fragmental to well laminated. From 128.5-131.7 massive sulfide with granular replacement is observed. The interval 131.7-133m (footwall to exhalative) is chlorite altered felsic volcaniclastic fragmental. From 133-166m is a felsic to intermediate volcaniclastic lapilli which locally appears more massive with garnet and sericite (minor) throughout. The interval 166-170m is well laminated intermediate metasediments with high abundance of actinolite throughout the unit and is bedding parallel. From 170-226m intermediate to felsic volcaniclastic (overall homogenous) is observed with intervals of finely laminated. Alteration comprises sericite, garnet and anthophyllite and appears to increase down hole, commonly pervasive. Anomalous Cu occurs as disseminated to blebs as replacement along bedding planes. There appears to be very limited alteration in the footwall of the exhalative. Pervasive alteration appears to pick up lower in the footwall.

DETAILED LOG

Hole Number: **MN08-69**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5839492.00	North:	5839492.00	Collar Az:	285.00
Location:		East:	512948.00	East:	512948.00	Length:	225.55
		Elev:	191.80	Elev:	191.80	Start Depth:	0.00
Date Started:	Aug 03, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 225.55
Date Completed:	Aug 05, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 4

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	285.00	-45.00	UK	OK		**225.55**	285.00	-45.20	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	15.24	**O1, Overburden Unclassified** Overburden								
15.24	82.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic volcaniclastic tuff/metasediment which contains intervals of lapilli and bombs present with strong flattening parallel to foliation alternating with fine graded bedding and laminated intervals. Biotite, chlorite and trace garnet occurs as minor alteration. Graded bedding up hole to east								
82.00	103.00	**S2c, Sedimentary Intermediate siltstone** Biotite altered intermediate siltstone, finely laminated, mineral chl alteration	841558	83.00	83.10	0.10	0.01	0.02	0.24	
			175004	89.00	90.50	1.50	0.01	0.03	0.30	0.01
			175005	90.50	92.00	1.50	0.01	0.04	0.30	0.01
			175006	92.00	93.50	1.50	0.01	0.02	0.30	0.01
			175007	93.50	95.00	1.50	0.01	0.03	0.20	0.01
			175008	95.00	96.50	1.50	0.02	0.03	0.40	0.01
			841559	96.10	96.20	0.10	0.01	0.04	0.20	
			175009	96.50	98.00	1.50	0.00	0.01	0.20	0.01
			175011	98.00	99.50	1.50	0.01	0.02	0.20	0.01
			175012	99.50	101.00	1.50	0.00	0.01	0.20	0.01
			175013	101.00	102.50	1.50	0.00	0.01	0.20	0.01
			175014	102.50	104.00	1.50	0.01	0.01	0.20	0.01

DETAILED LOG

Hole Number: **MN08-69**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
103.00	115.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic tuff/metasediment is observed and is darker in colour with increased abundance of actinolite and chlorite	175015	104.00	105.50	1.50	0.00	0.01	0.20	0.01
			175016	105.50	107.00	1.50	0.01	0.01	0.20	0.01
			175017	107.00	108.50	1.50	0.01	0.01	0.20	0.01
			175018	108.50	110.00	1.50	0.00	0.00	0.20	0.01
			175019	110.00	111.50	1.50	0.00	0.00	0.20	0.01
			175021	111.50	113.00	1.50	0.00	0.01	0.20	0.01
			175022	113.00	114.50	1.50	0.01	0.00	0.20	0.01
			175023	114.50	116.00	1.50	0.00	0.01	0.20	0.01
115.00	122.00	**V2a, Volcanic Intermediate andesite-massive** Intermediate to felsic volcaniclastic/metasediment is observed. Possible flow or volcanic dyke. This interval is very hard with limited Fe/Mg minerals present	175024	116.00	117.50	1.50	0.00	0.02	0.20	0.01
			175025	117.50	119.00	1.50	0.00	0.02	0.20	0.01
			175026	119.00	120.50	1.50	0.00	0.01	0.20	0.01
			175027	120.50	122.00	1.50	0.00	0.01	0.20	0.01
122.00	128.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate volcaniclastic ranging from fragmental to well laminated	175028	122.00	123.50	1.50	0.00	0.01	0.20	0.01
			175029	123.50	125.00	1.50	0.01	0.02	0.20	0.01
			175031	125.00	126.50	1.50	0.01	0.03	0.40	0.01
			175032	126.50	128.00	1.50	0.01	0.01	0.30	0.01
			175033	128.00	129.50	1.50	0.22	0.23	3.70	0.02
128.50	131.70	**X6, Mineralization Massive** Butler 4 exhalative zone. Semi-massive to massive sulfide with granular replacement is observed.	175034	129.50	131.00	1.50	0.25	3.22	15.10	0.05
			175035	131.00	132.50	1.50	0.38	0.09	2.70	0.03
131.70	133.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Footwall to exhalative is chlorite altered felsic volcaniclastic fragmental	175036	132.50	134.00	1.50	0.01	0.02	0.20	0.01

Hole Number: **MN08-69**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
133.00	166.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic to intermediate volcaniclastic lapilli which locally appears more massive with garnet and sericite (minor) throughout	175037	134.00	135.50	1.50	0.00	0.01	0.20	0.01
			175038	135.50	137.00	1.50	0.00	0.01	0.20	0.01
			175039	137.00	138.50	1.50	0.00	0.01	0.20	0.01
			175041	138.50	140.00	1.50	0.00	0.01	0.20	0.01
			175042	140.00	141.50	1.50	0.00	0.01	0.20	0.01
			175043	141.50	143.00	1.50	0.00	0.00	0.20	0.01
			841560	142.40	142.50	0.10	0.00	0.00	0.13	
			175044	143.00	144.50	1.50	0.00	0.01	0.20	0.01
			175045	144.50	146.00	1.50	0.00	0.01	0.20	0.01
			175046	146.00	147.50	1.50	0.00	0.01	0.20	0.01
			175047	147.50	149.00	1.50	0.00	0.01	0.20	0.01
			175048	149.00	150.50	1.50	0.00	0.01	0.20	0.01
			175049	150.50	152.00	1.50	0.00	0.01	0.20	0.01
			175051	152.00	153.50	1.50	0.00	0.01	0.20	0.01
			175052	153.50	155.00	1.50	0.01	0.03	0.20	0.01
			175053	155.00	156.50	1.50	0.04	0.13	0.30	0.01
			175054	156.50	158.00	1.50	0.01	0.04	0.20	0.01
			175055	158.00	159.50	1.50	0.02	0.03	0.20	0.01
			175056	159.50	161.00	1.50	0.03	0.04	0.50	0.01
			175057	161.00	162.50	1.50	0.04	0.04	0.40	0.01
			175058	162.50	164.00	1.50	0.03	0.08	0.50	0.01
			175059	164.00	165.50	1.50	0.01	0.03	0.20	0.01
			175061	165.50	167.00	1.50	0.01	0.03	0.20	0.01
166.00	170.00	**S2c, Sedimentary Intermediate siltstone** Well laminated intermediate metasediments with high abundance of actinolite throughout the unit and is bedding parallel	175062	167.00	168.50	1.50	0.00	0.01	0.20	0.01
			175063	168.50	170.00	1.50	0.01	0.02	0.20	0.01

Hole Number: **MN08-69** Units: METRIC

Detailed Lithology

From	To	Lithology
170.00	225.55	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Intermediate to felsic volcaniclastic (overall homogenous) is observed with intervals of finely laminated and flow top breccias. Alteration comprises sericite, garnet and anthophyllite and appears to increase down hole, commonly pervasive. Anomalous Cu occurs as disseminated to blebs as replacement along bedding planes. There appears to be very limited alteration in the footwall of the exhalative. Pervasive alteration appears to pick up lower in the footwall

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
175064	170.00	171.50	1.50	0.01	0.02	0.20	0.01
175065	171.50	173.00	1.50	0.00	0.01	0.20	0.01
175066	173.00	174.50	1.50	0.01	0.02	0.20	0.01
175067	174.50	176.00	1.50	0.00	0.01	0.20	0.01
175068	176.00	177.50	1.50	0.00	0.01	0.20	0.01
175069	177.50	179.00	1.50	0.00	0.01	0.20	0.01
175071	179.00	180.50	1.50	0.00	0.02	0.20	0.01
175072	180.50	182.00	1.50	0.00	0.02	0.20	0.01
175073	182.00	183.50	1.50	0.00	0.02	0.20	0.01
175074	183.50	185.00	1.50	0.00	0.01	0.20	0.01
175075	185.00	186.50	1.50	0.01	0.01	0.20	0.01
175076	186.50	188.00	1.50	0.01	0.01	0.30	0.01
175077	188.00	189.50	1.50	0.00	0.01	0.20	0.01
175078	189.50	191.00	1.50	0.01	0.02	0.20	0.01
175079	191.00	192.50	1.50	0.01	0.01	0.20	0.01
175081	192.50	194.00	1.50	0.01	0.00	0.20	0.01
175082	194.00	195.50	1.50	0.01	0.01	0.20	0.01
175083	195.50	197.00	1.50	0.00	0.01	0.20	0.01
175084	197.00	198.50	1.50	0.00	0.00	0.20	0.01
175085	198.50	200.00	1.50	0.00	0.01	0.20	0.01
175086	200.00	201.50	1.50	0.00	0.01	0.20	0.01
175087	201.50	203.00	1.50	0.00	0.05	0.20	0.01
175088	203.00	204.50	1.50	0.01	0.01	0.20	0.01
175089	204.50	206.00	1.50	0.05	0.01	0.20	0.01
175091	206.00	207.50	1.50	0.01	0.01	0.20	0.01
175092	207.50	209.00	1.50	0.15	0.00	0.60	0.01
175093	209.00	210.50	1.50	0.15	0.02	0.90	0.01
175094	210.50	212.00	1.50	1.73	0.01	12.70	0.09
175095	212.00	213.50	1.50	0.18	0.06	1.10	0.01
175096	213.50	215.00	1.50	0.05	0.02	0.40	0.01
175097	215.00	216.50	1.50	0.09	0.03	0.60	0.01
175098	216.50	218.00	1.50	0.01	0.05	0.20	0.01
175099	218.00	219.50	1.50	0.00	0.01	0.20	0.01
175101	219.50	221.00	1.50	0.00	0.01	0.20	0.01
175102	221.00	222.50	1.50	0.00	0.01	0.20	0.01
175103	222.50	224.00	1.50	0.00	0.01	0.20	0.01
175104	224.00	225.55	1.55	0.00	0.01	0.20	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
841558	83.00	83.10	0.0139	0.0211	0.2400	

Hole Number: **MN08-69**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175004	89.00	90.50	0.0089	0.0336	0.3000	0.0050
175005	90.50	92.00	0.0095	0.0430	0.3000	0.0050
175006	92.00	93.50	0.0081	0.0226	0.3000	0.0050
175007	93.50	95.00	0.0079	0.0250	0.2000	0.0050
175008	95.00	96.50	0.0167	0.0309	0.4000	0.0050
841559	96.10	96.20	0.0144	0.0366	0.2000	
175009	96.50	98.00	0.0031	0.0135	0.2000	0.0050
175011	98.00	99.50	0.0098	0.0200	0.2000	0.0050
175012	99.50	101.00	0.0018	0.0102	0.2000	0.0050
175013	101.00	102.50	0.0011	0.0090	0.2000	0.0050
175014	102.50	104.00	0.0062	0.0127	0.2000	0.0050
175015	104.00	105.50	0.0019	0.0089	0.2000	0.0050
175016	105.50	107.00	0.0082	0.0098	0.2000	0.0050
175017	107.00	108.50	0.0084	0.0064	0.2000	0.0050
175018	108.50	110.00	0.0008	0.0038	0.2000	0.0050
175019	110.00	111.50	0.0008	0.0046	0.2000	0.0050
175021	111.50	113.00	0.0018	0.0077	0.2000	0.0050
175022	113.00	114.50	0.0055	0.0035	0.2000	0.0050
175023	114.50	116.00	0.0025	0.0100	0.2000	0.0050
175024	116.00	117.50	0.0040	0.0204	0.2000	0.0050
175025	117.50	119.00	0.0029	0.0227	0.2000	0.0050
175026	119.00	120.50	0.0020	0.0132	0.2000	0.0050
175027	120.50	122.00	0.0038	0.0140	0.2000	0.0050
175028	122.00	123.50	0.0018	0.0117	0.2000	0.0050
175029	123.50	125.00	0.0075	0.0174	0.2000	0.0050
175031	125.00	126.50	0.0117	0.0295	0.4000	0.0050
175032	126.50	128.00	0.0075	0.0111	0.3000	0.0050
175033	128.00	129.50	0.2230	0.2280	3.7000	0.0220
175034	129.50	131.00	0.2480	3.2200	15.1000	0.0450
175035	131.00	132.50	0.3800	0.0909	2.7000	0.0260
175036	132.50	134.00	0.0104	0.0217	0.2000	0.0050
175037	134.00	135.50	0.0030	0.0125	0.2000	0.0050
175038	135.50	137.00	0.0012	0.0054	0.2000	0.0050
175039	137.00	138.50	0.0017	0.0054	0.2000	0.0050
175041	138.50	140.00	0.0018	0.0069	0.2000	0.0050
175042	140.00	141.50	0.0012	0.0054	0.2000	0.0050
175043	141.50	143.00	0.0007	0.0037	0.2000	0.0050
841560	142.40	142.50	0.0008	0.0033	0.1300	
175044	143.00	144.50	0.0012	0.0053	0.2000	0.0050

Hole Number: **MN08-69**

Units: METRIC

Samples

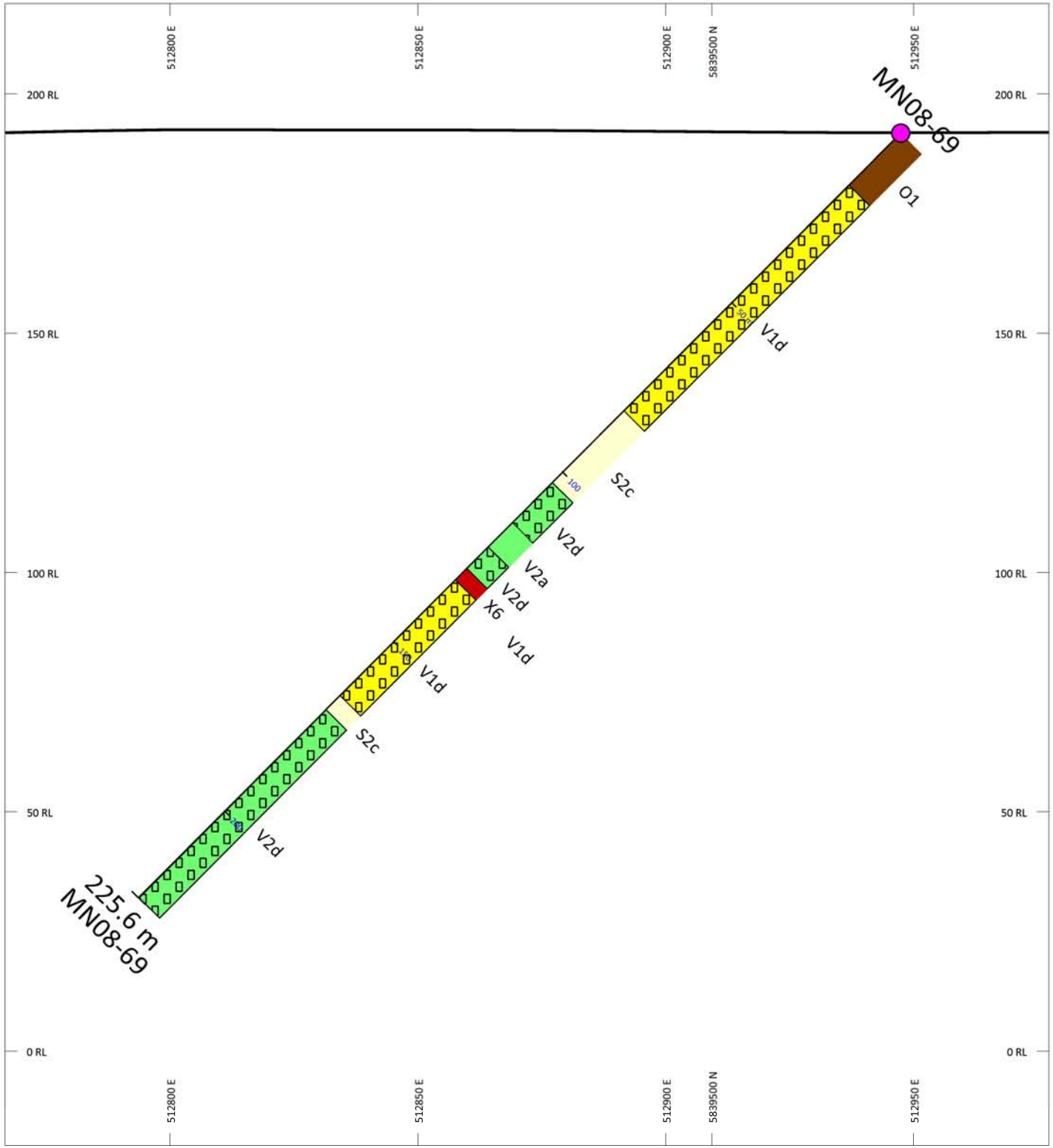
Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175045	144.50	146.00	0.0009	0.0066	0.2000	0.0050
175046	146.00	147.50	0.0007	0.0068	0.2000	0.0050
175047	147.50	149.00	0.0009	0.0093	0.2000	0.0050
175048	149.00	150.50	0.0011	0.0097	0.2000	0.0050
175049	150.50	152.00	0.0006	0.0055	0.2000	0.0050
175051	152.00	153.50	0.0010	0.0091	0.2000	0.0050
175052	153.50	155.00	0.0095	0.0300	0.2000	0.0050
175053	155.00	156.50	0.0374	0.1325	0.3000	0.0050
175054	156.50	158.00	0.0149	0.0350	0.2000	0.0050
175055	158.00	159.50	0.0156	0.0319	0.2000	0.0050
175056	159.50	161.00	0.0348	0.0434	0.5000	0.0050
175057	161.00	162.50	0.0381	0.0381	0.4000	0.0050
175058	162.50	164.00	0.0346	0.0812	0.5000	0.0050
175059	164.00	165.50	0.0109	0.0256	0.2000	0.0050
175061	165.50	167.00	0.0061	0.0283	0.2000	0.0050
175062	167.00	168.50	0.0006	0.0060	0.2000	0.0050
175063	168.50	170.00	0.0072	0.0159	0.2000	0.0050
175064	170.00	171.50	0.0099	0.0178	0.2000	0.0050
175065	171.50	173.00	0.0047	0.0143	0.2000	0.0050
175066	173.00	174.50	0.0076	0.0173	0.2000	0.0050
175067	174.50	176.00	0.0012	0.0126	0.2000	0.0050
175068	176.00	177.50	0.0011	0.0058	0.2000	0.0050
175069	177.50	179.00	0.0011	0.0079	0.2000	0.0050
175071	179.00	180.50	0.0046	0.0190	0.2000	0.0050
175072	180.50	182.00	0.0018	0.0204	0.2000	0.0050
175073	182.00	183.50	0.0017	0.0162	0.2000	0.0050
175074	183.50	185.00	0.0037	0.0097	0.2000	0.0050
175075	185.00	186.50	0.0141	0.0072	0.2000	0.0050
175076	186.50	188.00	0.0118	0.0099	0.3000	0.0050
175077	188.00	189.50	0.0018	0.0055	0.2000	0.0050
175078	189.50	191.00	0.0055	0.0162	0.2000	0.0050
175079	191.00	192.50	0.0110	0.0088	0.2000	0.0050
175081	192.50	194.00	0.0098	0.0030	0.2000	0.0050
175082	194.00	195.50	0.0084	0.0091	0.2000	0.0050
175083	195.50	197.00	0.0002	0.0094	0.2000	0.0050
175084	197.00	198.50	0.0001	0.0040	0.2000	0.0050
175085	198.50	200.00	0.0012	0.0052	0.2000	0.0050
175086	200.00	201.50	0.0010	0.0067	0.2000	0.0050
175087	201.50	203.00	0.0033	0.0484	0.2000	0.0050

Hole Number: **MN08-69**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175088	203.00	204.50	0.0072	0.0122	0.2000	0.0050
175089	204.50	206.00	0.0469	0.0107	0.2000	0.0050
175091	206.00	207.50	0.0147	0.0104	0.2000	0.0050
175092	207.50	209.00	0.1530	0.0035	0.6000	0.0050
175093	209.00	210.50	0.1525	0.0157	0.9000	0.0050
175094	210.50	212.00	1.7300	0.0079	12.7000	0.0910
175095	212.00	213.50	0.1760	0.0602	1.1000	0.0060
175096	213.50	215.00	0.0510	0.0238	0.4000	0.0050
175097	215.00	216.50	0.0901	0.0295	0.6000	0.0070
175098	216.50	218.00	0.0067	0.0457	0.2000	0.0050
175099	218.00	219.50	0.0048	0.0057	0.2000	0.0050
175101	219.50	221.00	0.0020	0.0058	0.2000	0.0050
175102	221.00	222.50	0.0027	0.0099	0.2000	0.0050
175103	222.50	224.00	0.0026	0.0088	0.2000	0.0050
175104	224.00	225.55	0.0027	0.0058	0.2000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Intermediate siltstone
		Felsic lapilli tuff
		Intermediate massive/flow volca
		Intermediate lapilli tuff
		Massive sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512872 m	5839510 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	218.9 m	-19.76 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 105°

N W E S

Butler Property

Cross-Section

Butler 4

MN08-69

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-121**	Units: Metric

Cover Page

Project Name:	Butler Butler 4	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512861.488 5840184.239 199.592	Collar Azimuth: Collar Dip: Final Depth (m):	90 -45 150.88	Mining Claim(s) / Provincial Cell Grid(s): Township:	306569 (43D10K191) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 33.53	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Paul Gann Cartwright Drilling 17-Jul-2010 17-Jul-2010
ReLog Notes	The drill hole is located ~250m to the south of BP13-CU21 and drills the same stratigraphy. Of note, magnetite is zoned around the exhalative and overprints all lithological boundaries. Sulfide is partially replacement textured with cross-cutting chlorite and possible talc (possibly representing the seafloor interface). Strong Na-depletion is noted in the stratigraphic footwall to the exhalative (up hole) with limited data below; this exhalative zone (Butler 4 horizon) extends from 82-102m. Here, the base metals are low but the best reaches up to 4.8% Zn. A second exhalative horizon is not observed (as seen in BP13-CU21), as this drill hole was possibly stopped prior.						

DETAILED LOG

Hole Number: **MN10-121**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5840184.24	North:	5840184.24	Collar Az:	90.00
Location:		East:	512861.49	East:	512861.49	Length:	150.88
		Elev:	199.59	Elev:	199.59	Start Depth:	0.00
Date Started:	Jul 17, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 150.88
Date Completed:	Jul 17, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 4

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	90.00	-45.00	UK	OK		**35.00**	94.67	-43.41	UK	OK	
40.00	94.67	-43.19	UK	OK		**45.00**	94.67	-42.92	UK	OK	
50.00	94.70	-42.65	UK	OK		**55.00**	97.45	-42.22	UK	OK	
60.00	93.68	-41.60	UK	OK		**65.00**	99.69	-41.28	UK	OK	
70.00	99.69	-40.67	UK	OK		**75.00**	99.69	-40.27	UK	OK	
80.00	99.69	-39.97	UK	OK		**85.00**	100.42	-39.71	UK	OK	
90.00	100.42	-39.58	UK	OK		**95.00**	102.31	-39.46	UK	OK	
100.00	101.08	-39.38	UK	OK		**105.00**	102.83	-39.27	UK	OK	
110.00	102.83	-39.32	UK	OK		**115.00**	100.71	-39.36	UK	OK	
120.00	100.71	-39.38	UK	OK		**125.00**	99.20	-39.40	UK	OK	
130.00	96.50	-39.38	UK	OK		**135.00**	96.50	-39.41	UK	OK	
140.00	97.80	-39.40	UK	OK		**150.88**	97.80	-39.40	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	33.53	**O1, Overburden Unclassified** Overburden								
33.53	60.00	**V1e, Volcanic Felsic quartz-feldspar porphyry** Fine grained felsic ash tuff, lcaolly finely laminated. Patch diss py								

Hole Number: **MN10-121**

Units: METRIC

Detailed Lithology

From	To	Lithology
60.00	82.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic fragmental, strongly altered to anth-ser with coarse magnetite throughout.
82.00	102.00	**X2b, Mineralization Stringer Cu-Zn sulfide** Butler 4 exhalative zone. 2-3m wide zones of heavily diss to 30-40% replacement py. Parallel to bedding. Talc-chl-anth altered fragmental tuff. Several metres of unaltered tuff intervals
102.00	131.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Felsic fragmental with 3-5 diss sul throughout. Weak alteration decreases downhole.
131.00	150.88	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Fine to coarse felsic fragmental

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
841555	64.00	64.10	0.10	0.00	0.01	0.15	
841556	73.15	73.25	0.10	0.00	0.00	0.15	
450976	74.10	75.10	1.00	0.01	0.01	0.60	0.01
450977	75.10	76.10	1.00	0.00	0.01	0.80	0.01
450978	76.10	77.20	1.10	0.01	0.00	0.70	0.01
450979	77.20	78.20	1.00	0.03	0.00	0.70	0.01
450980	78.20	79.25	1.05	0.01	0.01	0.40	0.01
450981	80.20	81.20	1.00	0.01	0.01	0.30	0.01
450961	81.78	82.77	0.99	0.08	0.01	0.70	0.01
450962	82.77	84.18	1.41	0.18	0.01	1.00	0.01
450963	87.30	88.39	1.09	0.16	0.01	1.10	0.01
450964	88.39	89.39	1.00	0.06	0.01	1.00	0.01
450965	89.39	90.46	1.07	0.05	0.02	0.60	0.01
450966	90.46	91.44	0.98	0.03	0.01	0.50	0.01
450967	95.00	96.00	1.00	0.04	0.01	1.20	0.01
450968	96.00	97.00	1.00	0.14	0.06	1.30	0.01
450969	97.00	98.00	1.00	0.24	0.07	2.00	0.01
450970	98.00	99.00	1.00	0.37	0.08	2.30	0.01
450971	99.00	100.00	1.00	0.15	4.77	4.90	0.01
450972	100.00	101.00	1.00	0.12	0.80	1.80	0.01
450973	101.00	102.00	1.00	0.08	0.09	1.10	0.01
450974	105.50	106.68	1.18	0.19	0.02	1.00	0.01
450975	122.30	123.30	1.00	0.34	0.02	2.90	0.04
841557	131.90	132.00	0.10	0.00	0.00	0.03	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
841555	64.00	64.10	0.0010	0.0088	0.1500	
841556	73.15	73.25	0.0010	0.0011	0.1500	
450976	74.10	75.10	0.0125	0.0055	0.6000	0.0100
450977	75.10	76.10	0.0043	0.0078	0.8000	0.0070
450978	76.10	77.20	0.0091	0.0042	0.7000	0.0110
450979	77.20	78.20	0.0317	0.0045	0.7000	0.0140
450980	78.20	79.25	0.0085	0.0079	0.4000	0.0050
450981	80.20	81.20	0.0095	0.0108	0.3000	0.0050
450961	81.78	82.77	0.0845	0.0106	0.7000	0.0060
450962	82.77	84.18	0.1820	0.0087	1.0000	0.0120
450963	87.30	88.39	0.1550	0.0089	1.1000	0.0080

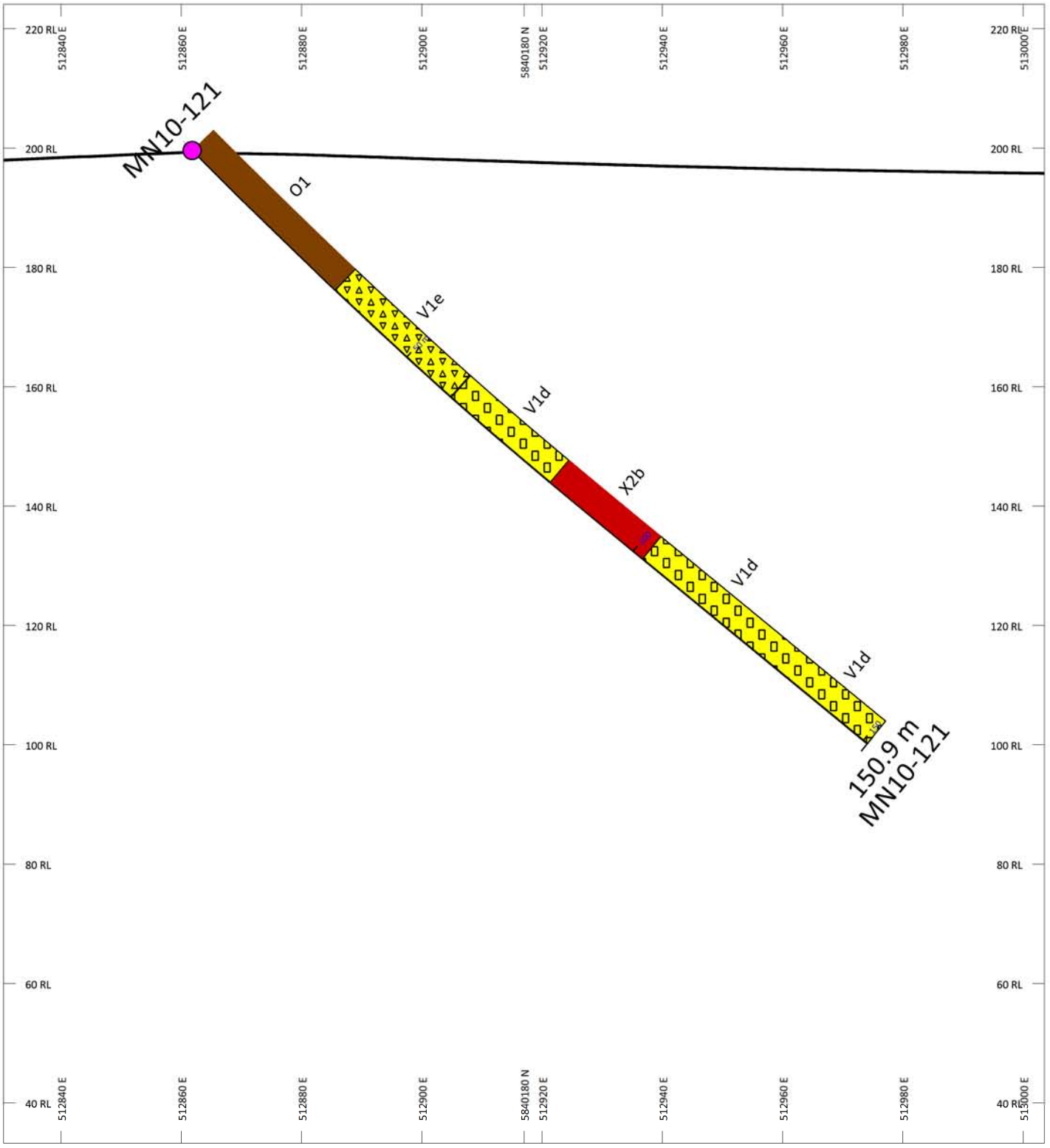
DETAILED LOG

Hole Number: **MN10-121**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450964	88.39	89.39	0.0558	0.0121	1.0000	0.0110
450965	89.39	90.46	0.0496	0.0237	0.6000	0.0050
450966	90.46	91.44	0.0301	0.0093	0.5000	0.0080
450967	95.00	96.00	0.0359	0.0089	1.2000	0.0050
450968	96.00	97.00	0.1390	0.0631	1.3000	0.0050
450969	97.00	98.00	0.2440	0.0707	2.0000	0.0090
450970	98.00	99.00	0.3670	0.0788	2.3000	0.0090
450971	99.00	100.00	0.1470	4.7700	4.9000	0.0130
450972	100.00	101.00	0.1180	0.7960	1.8000	0.0060
450973	101.00	102.00	0.0760	0.0852	1.1000	0.0050
450974	105.50	106.68	0.1870	0.0188	1.0000	0.0080
450975	122.30	123.30	0.3440	0.0199	2.9000	0.0360
841557	131.90	132.00	0.0006	0.0037	0.0250	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Overburden
		Felsic lapilli tuff
		Felsic ash tuff
		Stringer sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512917 m	5840180 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	224.1 m	33.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 97°

N W E S

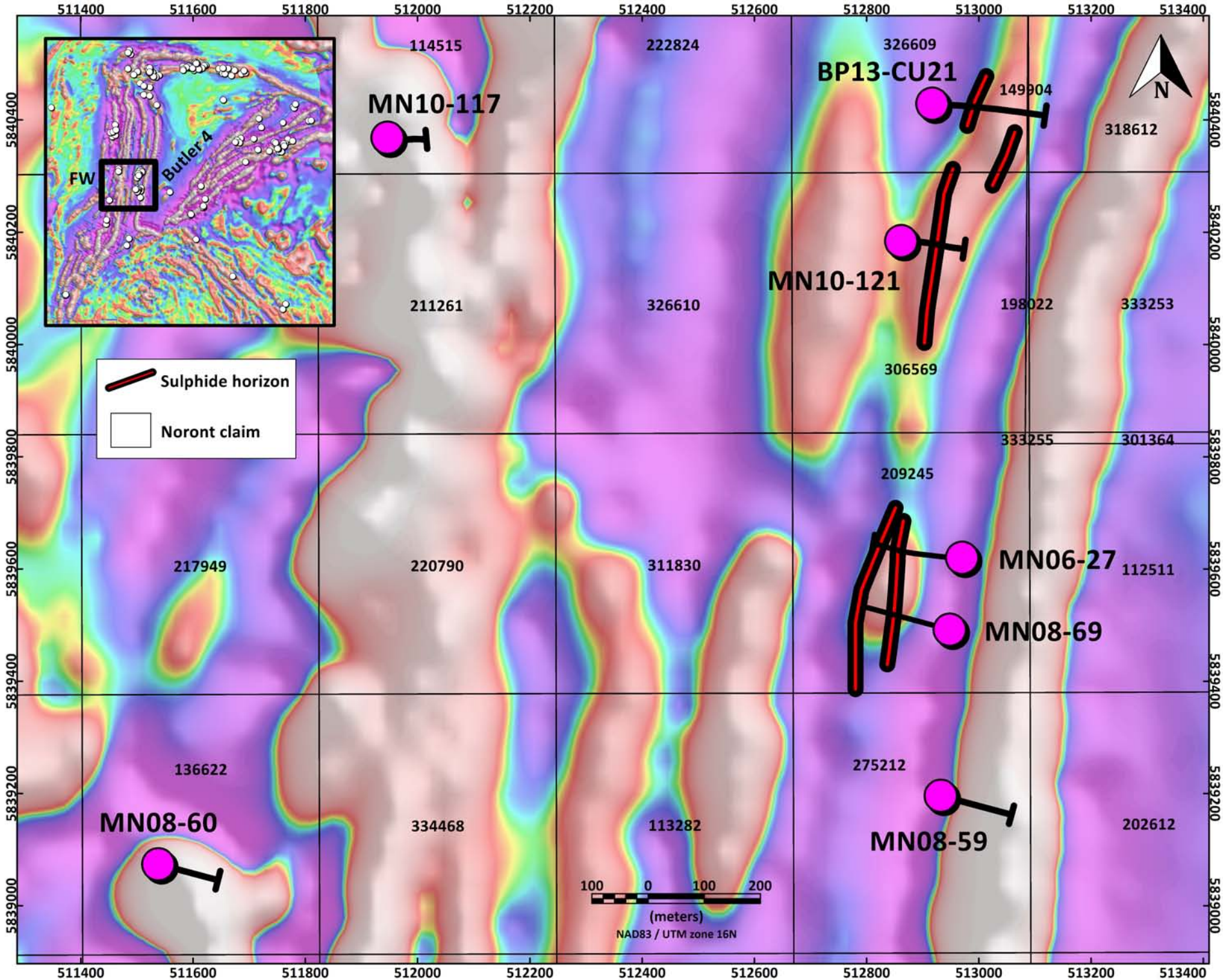
Butler Property

Cross-Section

Butler 4

MN10-121

Butler 4 & Footwall



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-60**	Units: Metric

Cover Page

Project Name:	Butler Butler 4 Footwall	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	511538 5839074 196.9260707	Collar Azimuth: Collar Dip: Final Depth (m):	105 -45 155.45	Mining Claim(s) / Provincial Cell Grid(s): Township:	136622 (43D10K228) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 17.76	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Kevin McKinney Cartwright Drilling 7-Jul-2008 9-Jul-2008

ReLog Notes	The holes test a similar target as MN10-117, namely a strong magnetic feature with weak airborne EM anomaly, although the target may be slightly deeper in footwall relative to MN10-117, which is ~1370m to the northeast. This hole collars into what is interpreted to be the basement gneiss/TTG, where the rock is characterized as a tonalite gneiss with a diverse suite of angular xenoliths and autoliths. A sharp contact is observed with oxide occurring and hosted within a melanogabbro. Down hole the rocks grade from melanogabbro to gabbro ending in leucogabbro interpreted to be an upward facing igneous fractionation sequence.

DETAILED LOG

Hole Number: **MN08-60**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5839074.00	North:	5839074.00	Collar Az:	105.00
Location:		East:	511538.00	East:	511538.00	Length:	155.45
		Elev:	196.93	Elev:	196.93	Start Depth:	0.00
Date Started:	Jul 07, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 155.45
Date Completed:	Jul 09, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 4 Footwall

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	105.00	-45.00	UK	OK		**155.45**	105.00	-45.00	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	17.76	**O1, Overburden Unclassified** Overburden								
17.76	67.00	**I1b, Intrusive Felsic Tonalite** TTG basement gniesses (FW to Butler Assemblage). Rock is characterized as a tonalite gneiss with a diverse suite of angular xenoliths and autoliths. Anatectic melt comp, dykes, mafic xenos in TTG.	102535	50.50	52.00	1.50	0.01	0.02	0.20	0.00
			102536	52.00	53.50	1.50	0.01	0.00	0.20	0.01
			102537	53.50	55.00	1.50	0.01	0.00	0.20	0.00
			102538	55.00	56.50	1.50	0.00	0.00	0.20	0.00
			102539	56.50	58.00	1.50	0.00	0.00	0.20	0.00
			102540	58.00	59.50	1.50	0.00	0.00	0.20	0.00
			102541	59.50	61.00	1.50	0.00	0.00	0.20	0.00
			102543	61.00	62.50	1.50	0.00	0.00	0.20	0.00
			102544	62.50	64.00	1.50	0.00	0.00	0.20	0.00
			102545	64.00	65.50	1.50	0.01	0.00	0.20	0.00
			102546	65.50	67.00	1.50	0.00	0.00	0.20	0.00

Hole Number: **MN08-60** Units: METRIC

Detailed Lithology

From	To	Lithology
67.00	155.45	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro. Basal contact at 67m depth, massive magnetite accumulations @ base of intrusion, sharp lower contact. Ferrogabbro base is dominately anorthositic gabbro with more mafic and oxide rich portions up holes. Down hole the rocks grade from melanogabbro to gabbro ending in leucogabbro interpreted to be an upward facing igneous fractionation sequence

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
102547	67.00	68.50	1.50	0.02	0.02	0.20	0.00
102548	68.50	70.00	1.50	0.02	0.00	0.20	0.00
102549	70.00	71.50	1.50	0.02	0.00	0.20	0.00
102550	71.50	73.00	1.50	0.03	0.01	0.20	0.00
102551	73.00	74.50	1.50	0.02	0.01	0.20	0.01
102553	74.50	76.00	1.50	0.01	0.00	0.20	0.00
102554	76.00	77.50	1.50	0.00	0.00	0.20	0.00
102555	77.50	79.00	1.50	0.00	0.00	0.20	0.00
102556	79.00	80.50	1.50	0.02	0.01	0.20	0.00
102557	80.50	82.00	1.50	0.01	0.01	0.20	0.00
102558	82.00	83.50	1.50	0.02	0.01	0.20	0.01
102559	83.50	85.00	1.50	0.00	0.00	0.20	0.00
102560	85.00	86.50	1.50	0.04	0.01	0.20	0.00
102561	86.50	88.00	1.50	0.02	0.00	0.20	0.00
102563	88.00	89.50	1.50	0.00	0.00	0.20	0.00

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102535	50.50	52.00	0.0080	0.0165	0.2000	0.0030
102536	52.00	53.50	0.0060	0.0031	0.2000	0.0110
102537	53.50	55.00	0.0059	0.0028	0.2000	0.0010
102538	55.00	56.50	0.0031	0.0036	0.2000	0.0010
102539	56.50	58.00	0.0017	0.0011	0.2000	0.0010
102540	58.00	59.50	0.0043	0.0047	0.2000	0.0010
102541	59.50	61.00	0.0015	0.0040	0.2000	0.0010
102543	61.00	62.50	0.0003	0.0008	0.2000	0.0010
102544	62.50	64.00	0.0043	0.0030	0.2000	0.0010
102545	64.00	65.50	0.0063	0.0047	0.2000	0.0020
102546	65.50	67.00	0.0040	0.0038	0.2000	0.0010
102547	67.00	68.50	0.0182	0.0174	0.2000	0.0020
102548	68.50	70.00	0.0199	0.0039	0.2000	0.0010
102549	70.00	71.50	0.0188	0.0043	0.2000	0.0010
102550	71.50	73.00	0.0260	0.0056	0.2000	0.0020
102551	73.00	74.50	0.0230	0.0118	0.2000	0.0090
102553	74.50	76.00	0.0076	0.0037	0.2000	0.0030
102554	76.00	77.50	0.0021	0.0009	0.2000	0.0020
102555	77.50	79.00	0.0001	0.0005	0.2000	0.0010
102556	79.00	80.50	0.0189	0.0063	0.2000	0.0040
102557	80.50	82.00	0.0087	0.0050	0.2000	0.0020
102558	82.00	83.50	0.0167	0.0058	0.2000	0.0070

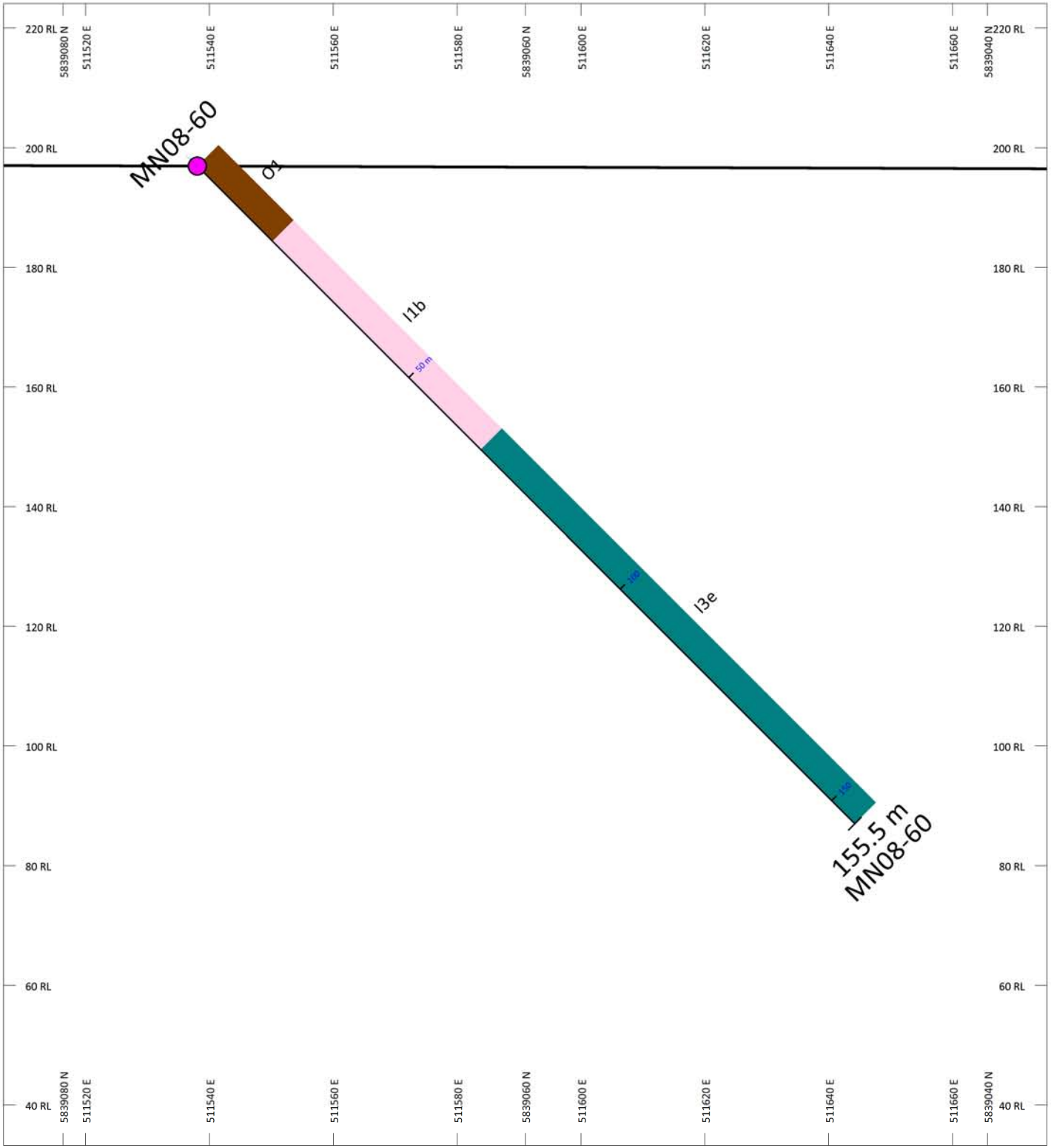
DETAILED LOG

Hole Number: **MN08-60**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102559	83.50	85.00	0.0006	0.0007	0.2000	0.0010
102560	85.00	86.50	0.0375	0.0050	0.2000	0.0040
102561	86.50	88.00	0.0187	0.0040	0.2000	0.0020
102563	88.00	89.50	0.0047	0.0038	0.2000	0.0010



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Tonalite
		Ferrogabbro
		Overburden

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	511591 m	5839060 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	224.1 m	33.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 105°

N W E S

Butler Property

Cross-Section

Butler 4 Footwall

MN08-60

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-117**	Units: Metric

Cover Page

Project Name:	Butler Butler 4 Footwall	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	511946.318 5840368.452 201.582	Collar Azimuth: Collar Dip: Final Depth (m):	97 -75 228.6	Mining Claim(s) / Provincial Cell Grid(s): Township:	114515 (43D10K169) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 10.5	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Paul Gann Cartwright Drilling 10-Jul-2010 12-Jul-2010

ReLog Notes	The drill hole is located in the footwall to Butler 4 ~ 1000m to the west. The hole tests a magnetic high anomaly with coincident weak VTEM conductor. The drill hole intersected gabbro to ferrogabbro comprising coarse grained feldspar, clinopyroxene, and oxides. Numerous resorbed feldspar crystals with rounded and amoeboid shapes are observed. Intrusion grades down hole into gabbro with rare anorthosite intervals. Cross-cutting diorite dykes are also observed.

DETAILED LOG

Hole Number: **MN10-117**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-75.00
Project Number:	Butler	North:	5840368.45	North:	5840368.45	Collar Az:	97.00
Location:		East:	511946.32	East:	511946.32	Length:	228.60
		Elev:	201.58	Elev:	201.58	Start Depth:	0.00
Date Started:	Jul 10, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 228.60
Date Completed:	Jul 12, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 4 Footwall

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	97.00	-75.00	UK	OK		**20.00**	97.86	-71.86	UK	OK	
30.00	97.86	-71.90	UK	OK		**40.00**	97.86	-71.92	UK	OK	
50.00	97.86	-71.92	UK	OK		**60.00**	97.86	-71.95	UK	OK	
70.00	97.86	-71.90	UK	OK		**80.00**	97.86	-72.01	UK	OK	
90.00	94.54	-72.11	UK	OK		**100.00**	84.25	-72.12	UK	OK	
110.00	88.48	-72.10	UK	OK		**120.00**	85.49	-72.16	UK	OK	
130.00	86.06	-72.19	UK	OK		**140.00**	85.25	-72.19	UK	OK	
150.00	88.68	-72.27	UK	OK		**160.00**	88.68	-72.29	UK	OK	
170.00	91.82	-72.31	UK	OK		**180.00**	92.56	-72.36	UK	OK	
190.00	92.56	-72.46	UK	OK		**200.00**	92.56	-72.41	UK	OK	
210.00	91.03	-72.38	UK	OK		**220.00**	91.03	-72.37	UK	OK	
228.60	85.29	-72.37	UK	OK							

Detailed Lithology

From	To	Lithology
0.00	10.50	**O1, Overburden Unclassified** Overburden

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL

DETAILED LOG

Hole Number: **MN10-117**

Units: METRIC

Detailed Lithology

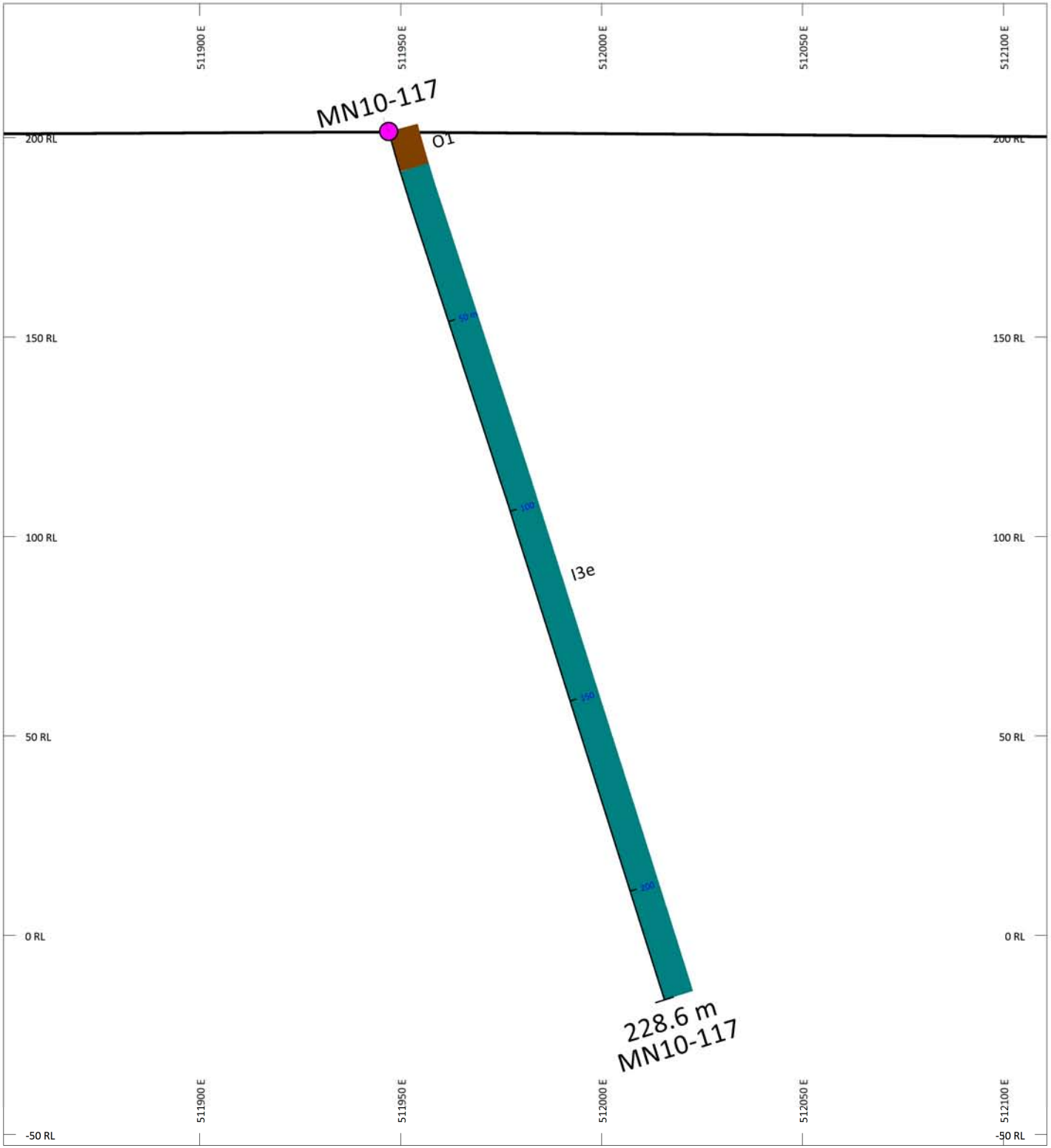
From	To	Lithology
10.50	228.60	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro. Consists of plagioclase, cpx, magnetite. Unit is highly variable, from mesogabbro to anorthosite to pyroxenitic gabbro; bulk comp is meso/ferrogabbro. Plag is often as euhedral cumulates below 55m; above this, plag shows distinct disequigranular texture with surrounding actinolite being resorbed by a likely more Fe-rich magma (magma mixing). Mass to semi mass magnetite zone @29m. Felsic-int (granodiorite-diorite) dykes throughout.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
841015	26.00	27.50	1.50				
841016	27.50	29.00	1.50				
450905	29.00	30.00	1.00	0.02	0.01	0.30	0.01
450906	30.00	31.00	1.00	0.02	0.01	0.40	0.01
841017	31.00	32.00	1.00				
841018	32.00	33.00	1.00				
841019	33.00	34.00	1.00				
841020	34.00	35.00	1.00				
450907	55.50	56.50	1.00	0.03	0.01	0.30	0.01
841021	60.50	62.00	1.50				
841022	62.00	63.27	1.27				
450908	63.27	64.17	0.90	0.02	0.02	0.40	0.01
841023	64.17	65.50	1.33				
841024	65.50	67.00	1.50				
841026	67.00	68.50	1.50				
450909	134.11	134.78	0.67	0.00	0.00	0.30	0.01
450910	162.13	163.53	1.40	0.01	0.01	0.30	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
841015	26.00	27.50				
841016	27.50	29.00				
450905	29.00	30.00	0.0239	0.0081	0.3000	0.0050
450906	30.00	31.00	0.0182	0.0104	0.4000	0.0050
841017	31.00	32.00				
841018	32.00	33.00				
841019	33.00	34.00				
841020	34.00	35.00				
450907	55.50	56.50	0.0321	0.0095	0.3000	0.0050
841021	60.50	62.00				
841022	62.00	63.27				
450908	63.27	64.17	0.0167	0.0217	0.4000	0.0050
841023	64.17	65.50				
841024	65.50	67.00				
841026	67.00	68.50				
450909	134.11	134.78	0.0025	0.0042	0.3000	0.0050
450910	162.13	163.53	0.0086	0.0065	0.3000	0.0050



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Ferrogabbro
		Overburden

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	511981 m	5840370 m
EXTENTS	261.6 m	286.4 m
SECTION TOP, BOT	233.6 m	-52.72 m
TOLERANCE +/-	25 m	

SCALE 1 : 1500

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 16N

AZIMUTH = 97°

N W E S

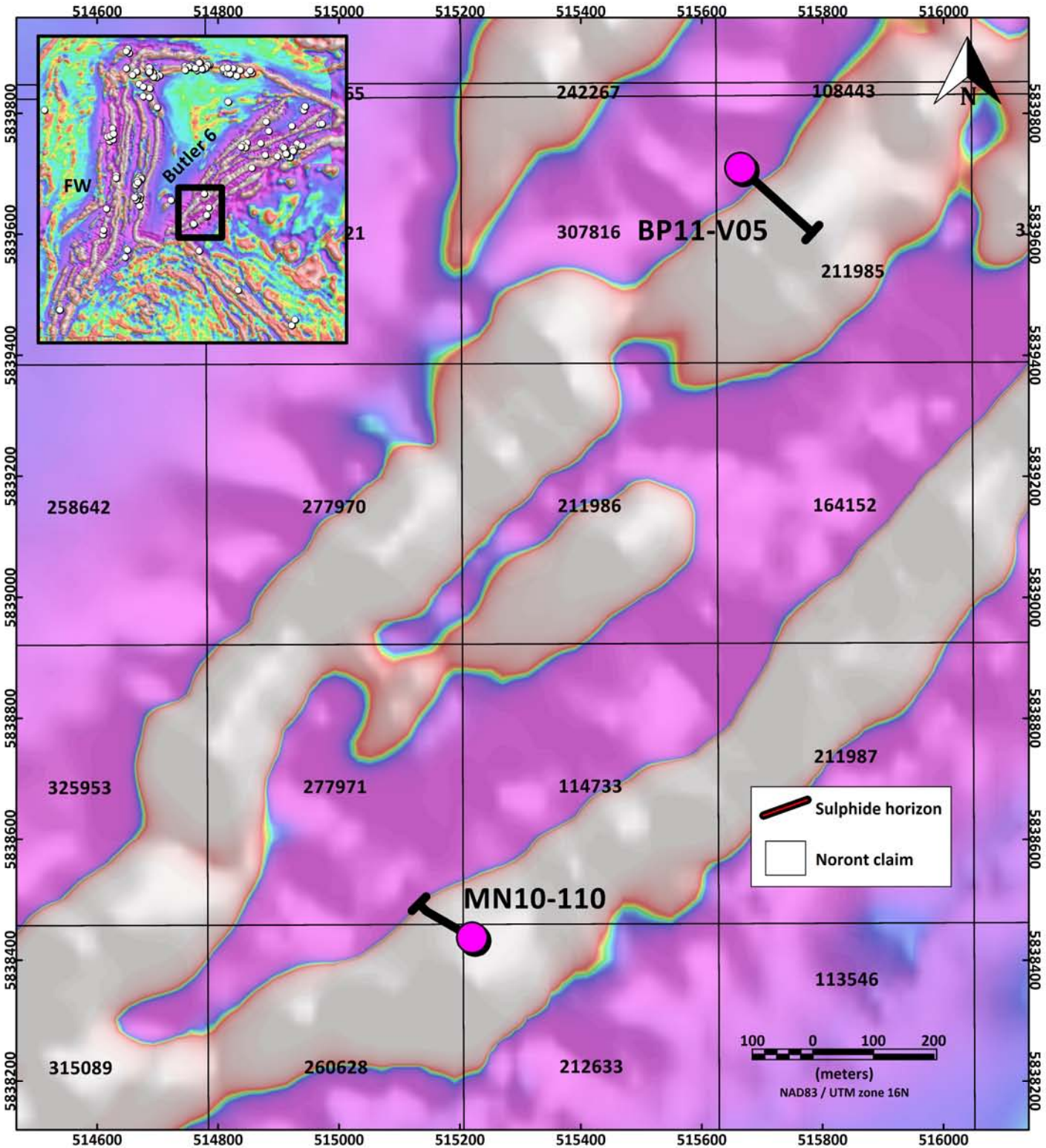
Butler Property

Cross-Section

Butler 4 Footwall

MN10-117

Butler 6


514600
514800
515000
515200
515400
515600
515800
516000
5839800
5839600
5839400
5839200
5839000
5838800
5838600
5838400
5838200
FW
Butler 6
N
242267
108443
307816
BP11-V05
211985
258642
277970
211986
164152
211987
325953
277971
114733
MN10-110
113546
315089
260628
212633
Sulphide horizon
Noront claim
100 0 100 200
(meters)
NAD83 / UTM zone 16N

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP11-V05**	Units: Metric

Cover Page

Project Name:	Butler Butler 6	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2011 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515664 5839710 189.8	Collar Azimuth: Collar Dip: Final Depth (m):	132 -50 249	Mining Claim(s) / Provincial Cell Grid(s): Township:	211985 (43D10K218) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 12	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 8-Mar-2011 12-Mar-2011

ReLog Notes	Drill hole BP11-V05 was drilled 1.3km to the NNE of MN10-110. Drill hole target coincident EM located along a strong magnetic linear. Hole was drilled to the southeast and intersected mafic volcanic at a depth of 12m. Unit was fine grained and homogenous with rare possible elongate amygdules. Moderate pervasive foliation was observed throughout. A narrow felsic volcaniclastic crystal tuff occurred between 40.83 and 42.5m followed by mafic volcanics to a depth of 84.5m where a ferro gabbro is observed with massive oxide accumulations in a melano-gabbro. Intrusive unit continues to a depth of ~119m where it is cross-cut by a granite intrusive till~154m. Ferro-gabbro continues to ~160m where accumulations of oxide up to 1m in width are observed. Oxide accumulations define a sharp transition to the underlying pyroxenite (?) which extends to a depth of ~190m where a quartz vein (fault?) defines the contact. At 191m a possible narrow chert band (<10cm) wide occurs structurally above possible mafic volcanic rocks that are cross-cut by granite veins. The interpreted mafic volcanic extends to a depth of 225m where a ferro-leuco gabbro as defined by coarse feldspar and magnetite is observed.

DETAILED LOG

Hole Number: **BP11-V05**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-50.00
Project Number:	Butler	North:	5839710.00	North:	5839710.00	Collar Az:	132.00
Location:		East:	515664.00	East:	515664.00	Length:	249.00
		Elev:	189.80	Elev:	189.80	Start Depth:	0.00
Date Started:	Mar 08, 2011	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 249.00
Date Completed:	Mar 12, 2011	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 6; This hole was collared try and intersect the other limb of an interpreted fold from holes BP11-V03 and BP11-V04. The hole didn't encounter significant massive magnetite like we had hoped for but there is a significant amount of peridotite and serpentenized dunite.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	132.00	-50.00	UK	OK		**249.00**	132.00	-50.00	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	12.00	**O1, Overburden Unclassified** Overburden								
12.00	22.00	**V3c, Volcanic Mafic basalt - pillowed** Basalt, pillowed	451630	21.14	21.34	0.20	0.00	0.00	0.03	
22.00	25.00	**I1a, Intrusive Felsic Granite** Granitic dyke								
25.00	44.00	**V3c, Volcanic Mafic basalt - pillowed** Basalt, pillowed	451631	35.20	35.40	0.20	0.03	0.00	0.09	
44.00	50.50	**I1a, Intrusive Felsic Granite** Granitic dyke								
50.50	71.30	**V3c, Volcanic Mafic basalt - pillowed** Basalt, pillowed	451632	63.00	63.20	0.20	0.01	0.00	0.03	
71.30	84.60	**I1a, Intrusive Felsic Granite** Granitic dyke	842238	79.00	80.24	1.24				

Hole Number: **BP11-V05** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
84.60	105.00	**I3e, Intrusive Mafic Ferrogabbro** Sheared ferrogabbro, limited plag no anorthite	842239	84.82	85.60	0.78				
			842241	85.60	86.80	1.20				
			842242	86.80	87.37	0.57				
			842243	87.37	88.73	1.36				
			842244	88.73	90.00	1.27				
			842245	90.00	91.50	1.50				
			842246	91.50	93.00	1.50				
			842247	93.00	94.50	1.50				
			842248	94.50	96.00	1.50				
			842249	96.00	97.50	1.50				
			842250	97.50	99.00	1.50				
			842251	99.00	100.11	1.11				
			842252	100.11	100.90	0.79				
			842253	100.90	102.50	1.60				
			842254	102.50	104.00	1.50				
			842255	104.00	105.50	1.50				
105.00	120.50	**I3e, Intrusive Mafic Ferrogabbro** Layered ferrogabbro, magnetite rich in areas; cut by granitic dykes	842256	105.50	107.00	1.50				
			842257	107.00	108.48	1.48				
			842259	108.48	110.00	1.52				
			842261	110.00	111.50	1.50				
			842262	111.50	113.00	1.50				
			842263	113.00	114.00	1.00				
			842264	114.00	115.35	1.35				
			842265	115.35	116.78	1.43				
			842266	116.78	118.34	1.56				
120.50	154.00	**I1a, Intrusive Felsic Granite** Granitic dyke	842267	142.00	143.50	1.50				
			842268	153.00	153.95	0.95				
			842269	153.95	155.00	1.05				
154.00	160.00	**I3e, Intrusive Mafic Ferrogabbro** Layered ferrogabbro, anorthosite bands, semi-mass magnetite	842270	155.00	156.50	1.50				
			842271	156.50	158.00	1.50				
			842273	158.00	159.30	1.30				
			842274	159.30	160.30	1.00				

Hole Number: **BP11-V05** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
160.00	189.00	**I4d, Intrusive Ultramafic Peridotite** Massive blue-green-grey peridotite (23-30% MgO). Normative magnetite throughout. Looks like separate unit from ferrogabbro, possible contamination by ferrogabbro. Low Ni (1100ppm) and Cr (7000ppm) given high MGO. Faulted lower contact with qtz veins. Most primitive in centre of unit	842275	160.30	161.50	1.20				
			842276	161.50	163.00	1.50				
			842277	163.00	164.50	1.50				
			1303660	163.22	163.39	0.17	0.00	0.01	0.09	
			1303661	167.51	167.67	0.16	0.00	0.01	0.07	
			1303656	168.71	168.87	0.16	0.00	0.01	0.61	
			451633	169.50	169.70	0.20	0.00	0.00	0.12	
			1303657	171.74	171.88	0.14	0.00	0.01	0.63	
			451634	173.80	174.00	0.20	0.00	0.01	0.03	
			1303658	178.60	178.77	0.17	0.01	0.01	0.26	
			451635	180.63	180.83	0.20	0.00	0.01	0.07	
			451636	181.67	181.90	0.23	0.00	0.01	0.14	
			842278	182.00	183.50	1.50				
			842279	183.50	185.00	1.50				
			842281	185.00	186.50	1.50				
			1303659	185.47	185.61	0.14	0.00	0.01	0.20	
			842282	186.50	188.00	1.50				
			842283	188.00	189.30	1.30				
189.00	191.20	**Q1, Veining Quartz** White qtz vein with fragments of sheared granite. Possible 5cm thinly laminated and folded chert layer	842284	189.30	190.40	1.10				
191.20	224.00	**I3e, Intrusive Mafic Ferrogabbro** Non magnetite ferrogabbro (?) with biotite, clots of pervasive alteration cut by granitoid dykes. Upper unit is sheraed, possibly volcanic								
224.00	249.00	**I3e, Intrusive Mafic Ferrogabbro** Intermixed ferrogabbro and ferrodiorite but by granitic dykes. Plag looks more albitic, is this a fractionated ferrodiorite?								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451630	21.14	21.34	0.0033	0.0032	0.0250	
451631	35.20	35.40	0.0340	0.0030	0.0900	
451632	63.00	63.20	0.0073	0.0028	0.0250	
842238	79.00	80.24				
842239	84.82	85.60				
842241	85.60	86.80				
842242	86.80	87.37				
842243	87.37	88.73				
842244	88.73	90.00				
842245	90.00	91.50				
842246	91.50	93.00				

Hole Number: **BP11-V05**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
842247	93.00	94.50				
842248	94.50	96.00				
842249	96.00	97.50				
842250	97.50	99.00				
842251	99.00	100.11				
842252	100.11	100.90				
842253	100.90	102.50				
842254	102.50	104.00				
842255	104.00	105.50				
842256	105.50	107.00				
842257	107.00	108.48				
842259	108.48	110.00				
842261	110.00	111.50				
842262	111.50	113.00				
842263	113.00	114.00				
842264	114.00	115.35				
842265	115.35	116.78				
842266	116.78	118.34				
842267	142.00	143.50				
842268	153.00	153.95				
842269	153.95	155.00				
842270	155.00	156.50				
842271	156.50	158.00				
842273	158.00	159.30				
842274	159.30	160.30				
842275	160.30	161.50				
842276	161.50	163.00				
842277	163.00	164.50				
1303660	163.22	163.39	0.0002	0.0061	0.0900	
1303661	167.51	167.67	0.0002	0.0061	0.0700	
1303656	168.71	168.87	0.0006	0.0083	0.6100	
451633	169.50	169.70	0.0002	0.0045	0.1200	
1303657	171.74	171.88	0.0007	0.0060	0.6300	
451634	173.80	174.00	0.0003	0.0106	0.0250	
1303658	178.60	178.77	0.0051	0.0107	0.2600	
451635	180.63	180.83	0.0030	0.0104	0.0700	
451636	181.67	181.90	0.0011	0.0089	0.1400	
842278	182.00	183.50				
842279	183.50	185.00				

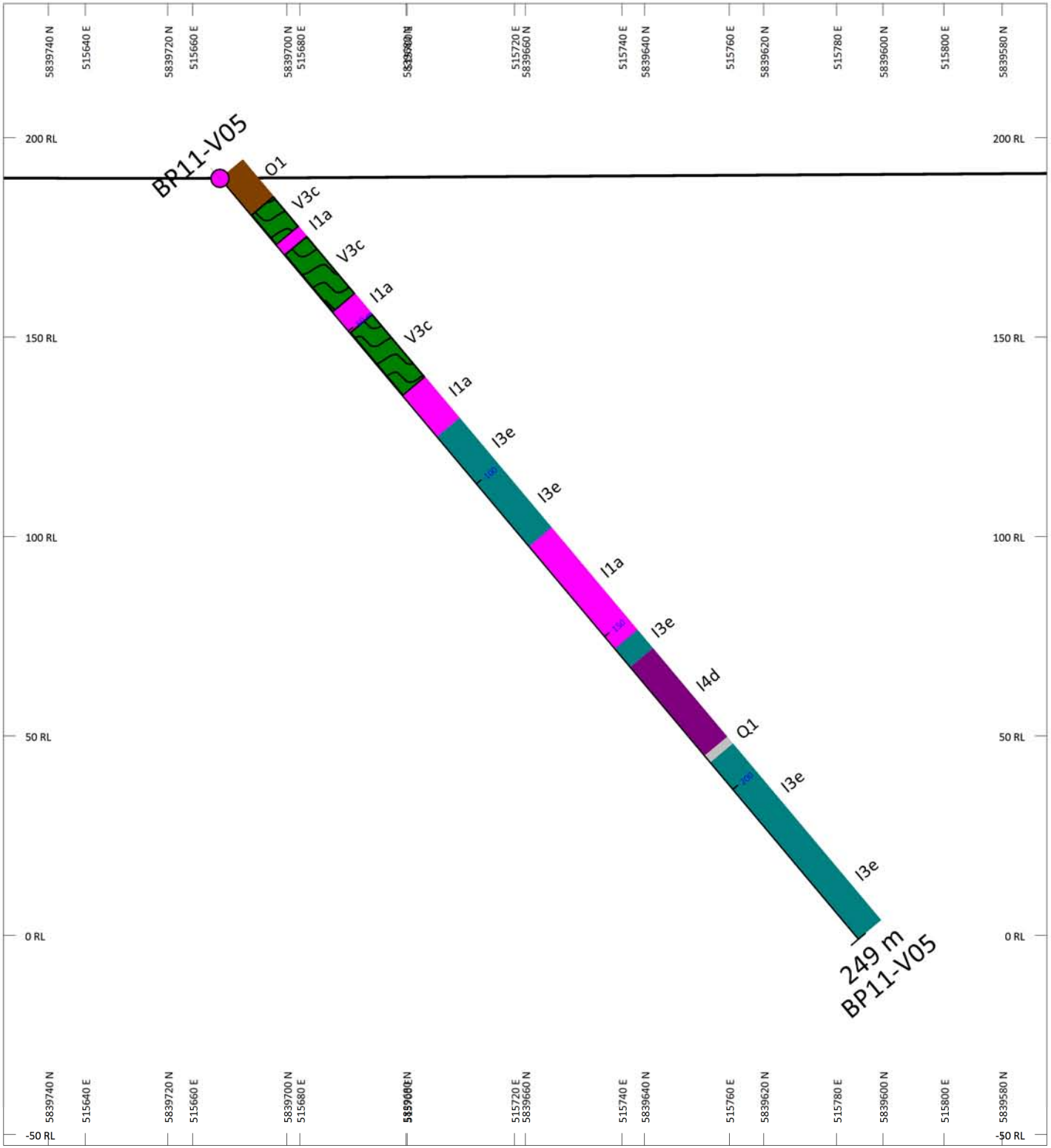
DETAILED LOG

Hole Number: **BP11-V05**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
842281	185.00	186.50				
1303659	185.47	185.61	0.0008	0.0072	0.2000	
842282	186.50	188.00				
842283	188.00	189.30				
842284	189.30	190.40				



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES Lith	PAT	LABEL
		Granite
		Ferrogabbro
		Peridotite
		Overburden
		Quartz vein
		Mafic pillowed volcanics

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515722 m	5839660 m
EXTENTS	261.6 m	286.4 m
SECTION TOP, BOT	233.6 m	-52.72 m
TOLERANCE +/-	25 m	

SCALE 1 : 1500

(m)

-10 0 10 20 30 40 50

NAD83 / UTM zone 16N

AZIMUTH = 132°

N W E S

Butler Property

Cross-Section

Butler 6

BP11-V05

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN10-110**	Units: Metric

Cover Page

Project Name:	Butler Butler 6	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2010 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515220.218 5838437.354 195.517	Collar Azimuth: Collar Dip: Final Depth (m):	300 -62 195.07	Mining Claim(s) / Provincial Cell Grid(s): Township:	212633 (43D10K277), 260628 (43D10K276), 277971 (43D10K256) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 7.63	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 17-May-2010 19-May-2010

ReLog Notes	Drill hole MN10-110 was drilled to the northwest on a strong magnetic linear high targeting a series of airborne EM anomalies. The drill hole collared into ferro-gabbro to oxide gabbro with magnetite accumulations (massive oxide at ~20m). Cross-cutting tonalite dyke occurred from 24 to 32m. Gabbro becomes finer grained down hole to ~61.3m where the main lithology was interpreted to be mafic volcanic with variable textures ranging from coarse to fine and variable magnetite with a strongly altered and sheared zone from 67-74m. The mafic volcanic where cross-cut by a series of ferro-gabbro intrusions. Cohesive ferro-gabbro is again observed at ~82m and continued to the end of the drill hole. The lower gabbro unit varies from fine grained to coarse grained with feldspar, pyroxene, magnetite and trace sulfide. Multiple thin mineral fractionation sequences comprising of oxide accumulations, feldspar accumulation decreasing in size down hole followed by a sheared ferro-magnesium interval were observed and hypothesized to indicate facing direction to be down hole. The drill hole intersected a Zn mineralization of ~10% from a single sample at a depth of 94.5m. The occurrence was a sphalerite-pyrite-pyrrhotite veinlet with a brecciated texture occurring at the contact between ferro-gabbro and tonalite intrusive. The interpretation was the vein represented late remobilized/hydrothermal sulfide. Based on general fractionation trends and grading of layers in the intrusives (ferrogabbro), it would suggest a younging to the NW and lies in an isoclinal fold with a fold nose to the SW.

DETAILED LOG

Hole Number: **MN10-110** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-62.00
Project Number:	Butler	North:	5838437.35	North:	5838437.35	Collar Az:	300.00
Location:		East:	515220.22	East:	515220.22	Length:	195.07
		Elev:	195.52	Elev:	195.52	Start Depth:	0.00
Date Started:	May 17, 2010	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 195.07
Date Completed:	May 19, 2010	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 6; Just southwest of Butler 5

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	300.00	-62.00	UK	OK		**30.00**	300.00	-57.96	UK	OK	
40.00	300.00	-57.97	UK	OK		**50.00**	300.00	-58.12	UK	OK	
60.00	300.00	-58.05	UK	OK		**70.00**	299.84	-57.63	UK	OK	
80.00	300.00	-57.70	UK	OK		**90.00**	300.00	-57.30	UK	OK	
100.00	300.00	-57.18	UK	OK		**110.00**	300.00	-57.18	UK	OK	
120.00	300.00	-56.98	UK	OK		**130.00**	300.00	-56.92	UK	OK	
140.00	300.00	-56.68	UK	OK		**150.00**	300.00	-56.53	UK	OK	
160.00	300.00	-56.36	UK	OK		**170.00**	316.10	-56.31	UK	OK	
180.00	317.98	-56.28	UK	OK		**190.00**	315.07	-56.23	UK	OK	
195.07	315.07	-56.23	UK	OK							

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	7.63	**O1, Overburden Unclassified** Overburden								
7.63	26.00	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro. Unit contains UM to anorthosite sections	451965	14.80	14.90	0.10	0.02	0.01	0.22	
			841009	15.00	16.00	1.00				
			841010	16.00	17.00	1.00				
			841011	17.00	18.20	1.20				
			841012	18.20	18.45	0.25				
			451966	18.25	18.35	0.10	0.04	0.04	0.41	
			450551	18.45	19.42	0.97	0.02	0.04	0.70	0.00
			841013	19.42	21.00	1.58				
			841014	22.00	22.50	0.50				
			451967	24.10	24.20	0.10	0.04	0.01	0.72	
26.00	32.00	**I2a, Intrusive Intermediate Diorite** Late diorite								

Hole Number: **MN10-110** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
32.00	32.50	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro								
32.50	44.00	**V3, Volcanic Mafic** Mafic-int volc	451968	36.30	36.40	0.10	0.01	0.01	0.31	
44.00	47.50	**V1, Volcanic Felsic** Felsic volc	451969	45.50	45.60	0.10	0.00	0.01	0.06	
47.50	61.50	**V3, Volcanic Mafic** Mafic-int volc	451970	56.00	56.10	0.10	0.00	0.01	0.05	
61.50	69.30	**I3e, Intrusive Mafic Ferrogabbro** Sheared, altered ferrogabbro	451971	62.20	62.30	0.10	0.03	0.24	0.62	
			451972	67.00	67.10	0.10	0.40	0.09	5.24	
69.30	74.00	**A1, Alteration Chlorite** Sheared, altered chlorite-pyrite zone (ferrogabbro?). Py stringers	450552	71.50	72.50	1.00	0.05	1.60	2.80	0.04
			450553	72.50	73.50	1.00	0.04	0.96	2.00	0.05
74.00	94.70	**I3e, Intrusive Mafic Ferrogabbro** Ferrogabbro (probable), might be fg volc, massive, local semi mass po	451973	75.40	75.50	0.10	0.05	0.72	3.10	
			450554	76.00	77.00	1.00	0.02	0.40	1.20	0.01
			450555	77.00	78.00	1.00	0.03	0.83	1.90	0.01
			450556	78.00	79.00	1.00	0.02	0.35	1.30	0.01
			450557	80.00	81.00	1.00	0.05	0.24	2.00	0.01
			450558	81.00	82.00	1.00	0.04	0.21	1.90	0.01
			450559	82.00	83.00	1.00	0.09	0.26	3.30	0.03
			450561	84.13	85.13	1.00	0.08	0.19	2.20	0.01
			450562	85.90	86.63	0.73	0.09	0.28	2.50	0.02
			451974	86.80	86.90	0.10	0.01	0.29	0.63	
			450563	87.00	88.00	1.00	0.05	0.66	2.60	0.02
			450564	90.00	91.00	1.00	0.03	0.13	1.10	0.01
			450565	91.00	92.05	1.05	0.12	0.31	2.90	0.01
			450566	94.30	94.80	0.50	0.07	10.04	4.80	0.03
94.70	99.00	**I1c, Intrusive Felsic Granodiorite** Massive diorite/granodiorite	451975	97.60	97.70	0.10	0.00	0.01	0.13	
99.00	138.00	**I3e, Intrusive Mafic Ferrogabbro** Magnetite rich ferrogabbro	450567	99.52	100.52	1.00	0.06	0.30	1.10	0.01
			450568	102.45	103.45	1.00	0.07	0.24	1.10	0.01
			450569	106.00	107.00	1.00	0.04	0.19	0.70	0.01
			451976	107.80	107.90	0.10	0.03	0.22	0.67	
			451977	115.00	115.10	0.10	0.06	0.13	0.72	
			451978	121.50	121.60	0.10	0.02	0.16	0.81	
			451979	131.20	131.30	0.10	0.03	0.13	0.31	
			450570	131.62	132.62	1.00	0.16	0.08	1.40	0.01
			450571	132.62	133.62	1.00	0.12	0.09	0.90	0.01
			450572	133.62	134.62	1.00	0.07	0.08	0.60	0.00
			450573	134.62	135.62	1.00	0.10	0.08	0.90	0.01
			450574	135.62	136.62	1.00	0.13	0.07	0.90	0.01
			450575	136.62	137.62	1.00	0.11	0.07	0.90	0.02
			450576	137.62	138.62	1.00	0.09	0.07	0.80	0.03

DETAILED LOG

Hole Number: **MN10-110**

Units: METRIC

Detailed Lithology

From	To	Lithology
138.00	154.00	**I4a, Intrusive Ultramafic Pyroxenite** Intensely sheared and altered, mt-chl rich ferrogabbro. Pyroxenitic, more primitive. Isoclinal fold
154.00	159.70	**I1c, Intrusive Felsic Granodiorite** Granodiorite
159.70	162.50	**I4a, Intrusive Ultramafic Pyroxenite** Pyroxenitic portion of ferrogabbro
162.50	195.07	**I3e, Intrusive Mafic Ferrogabbro** Massive unaltered ferrogabbro.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
450577	138.62	139.62	1.00	0.08	0.06	0.60	0.00
450578	139.62	140.62	1.00	0.06	0.04	0.80	0.00
841001	140.62	140.80	0.18				
450579	140.80	141.44	0.64	0.03	0.03	0.60	0.00
451980	141.35	141.45	0.10	0.03	0.07	0.40	
841002	141.50	142.24	0.74				
450581	142.24	143.23	0.99	0.03	0.02	0.60	0.00
841003	143.23	144.50	1.27				
841004	144.50	146.00	1.50				
450582	146.00	147.12	1.12	0.04	0.03	0.90	0.00
841006	147.30	148.85	1.55				
841007	148.85	149.85	1.00				
841008	151.00	152.50	1.50				
451981	152.60	152.70	0.10	0.06	0.74	2.79	
451982	156.10	156.20	0.10	0.00	0.01	0.08	
451983	171.70	171.80	0.10	0.02	0.01	0.12	
451984	179.80	179.90	0.10	0.02	0.01	0.11	
451985	190.30	190.40	0.10	0.01	0.00	0.09	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451965	14.80	14.90	0.0196	0.0144	0.2200	
841009	15.00	16.00				
841010	16.00	17.00				
841011	17.00	18.20				
841012	18.20	18.45				
451966	18.25	18.35	0.0369	0.0368	0.4100	
450551	18.45	19.42	0.0177	0.0364	0.7000	0.0020
841013	19.42	21.00				
841014	22.00	22.50				
451967	24.10	24.20	0.0412	0.0101	0.7200	
451968	36.30	36.40	0.0055	0.0129	0.3100	
451969	45.50	45.60	0.0008	0.0078	0.0600	
451970	56.00	56.10	0.0018	0.0074	0.0500	
451971	62.20	62.30	0.0280	0.2350	0.6200	
451972	67.00	67.10	0.3950	0.0897	5.2400	
450552	71.50	72.50	0.0493	1.6000	2.8000	0.0400

Hole Number: **MN10-110**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450553	72.50	73.50	0.0412	0.9600	2.0000	0.0460
451973	75.40	75.50	0.0476	0.7160	3.1000	
450554	76.00	77.00	0.0173	0.3980	1.2000	0.0070
450555	77.00	78.00	0.0271	0.8260	1.9000	0.0100
450556	78.00	79.00	0.0233	0.3540	1.3000	0.0080
450557	80.00	81.00	0.0484	0.2350	2.0000	0.0140
450558	81.00	82.00	0.0408	0.2120	1.9000	0.0140
450559	82.00	83.00	0.0861	0.2590	3.3000	0.0330
450561	84.13	85.13	0.0792	0.1900	2.2000	0.0100
450562	85.90	86.63	0.0857	0.2770	2.5000	0.0180
451974	86.80	86.90	0.0108	0.2930	0.6300	
450563	87.00	88.00	0.0515	0.6610	2.6000	0.0200
450564	90.00	91.00	0.0323	0.1270	1.1000	0.0110
450565	91.00	92.05	0.1210	0.3080	2.9000	0.0140
450566	94.30	94.80	0.0722	10.0400	4.8000	0.0320
451975	97.60	97.70	0.0007	0.0079	0.1300	
450567	99.52	100.52	0.0584	0.2990	1.1000	0.0070
450568	102.45	103.45	0.0676	0.2370	1.1000	0.0080
450569	106.00	107.00	0.0426	0.1860	0.7000	0.0070
451976	107.80	107.90	0.0345	0.2170	0.6700	
451977	115.00	115.10	0.0578	0.1270	0.7200	
451978	121.50	121.60	0.0207	0.1620	0.8100	
451979	131.20	131.30	0.0300	0.1250	0.3100	
450570	131.62	132.62	0.1590	0.0796	1.4000	0.0050
450571	132.62	133.62	0.1150	0.0890	0.9000	0.0080
450572	133.62	134.62	0.0678	0.0756	0.6000	0.0030
450573	134.62	135.62	0.0985	0.0786	0.9000	0.0050
450574	135.62	136.62	0.1270	0.0690	0.9000	0.0130
450575	136.62	137.62	0.1100	0.0661	0.9000	0.0200
450576	137.62	138.62	0.0864	0.0719	0.8000	0.0250
450577	138.62	139.62	0.0848	0.0589	0.6000	0.0040
450578	139.62	140.62	0.0631	0.0379	0.8000	0.0020
841001	140.62	140.80				
450579	140.80	141.44	0.0269	0.0346	0.6000	0.0020
451980	141.35	141.45	0.0255	0.0662	0.4000	
841002	141.50	142.24				
450581	142.24	143.23	0.0287	0.0156	0.6000	0.0020
841003	143.23	144.50				
841004	144.50	146.00				

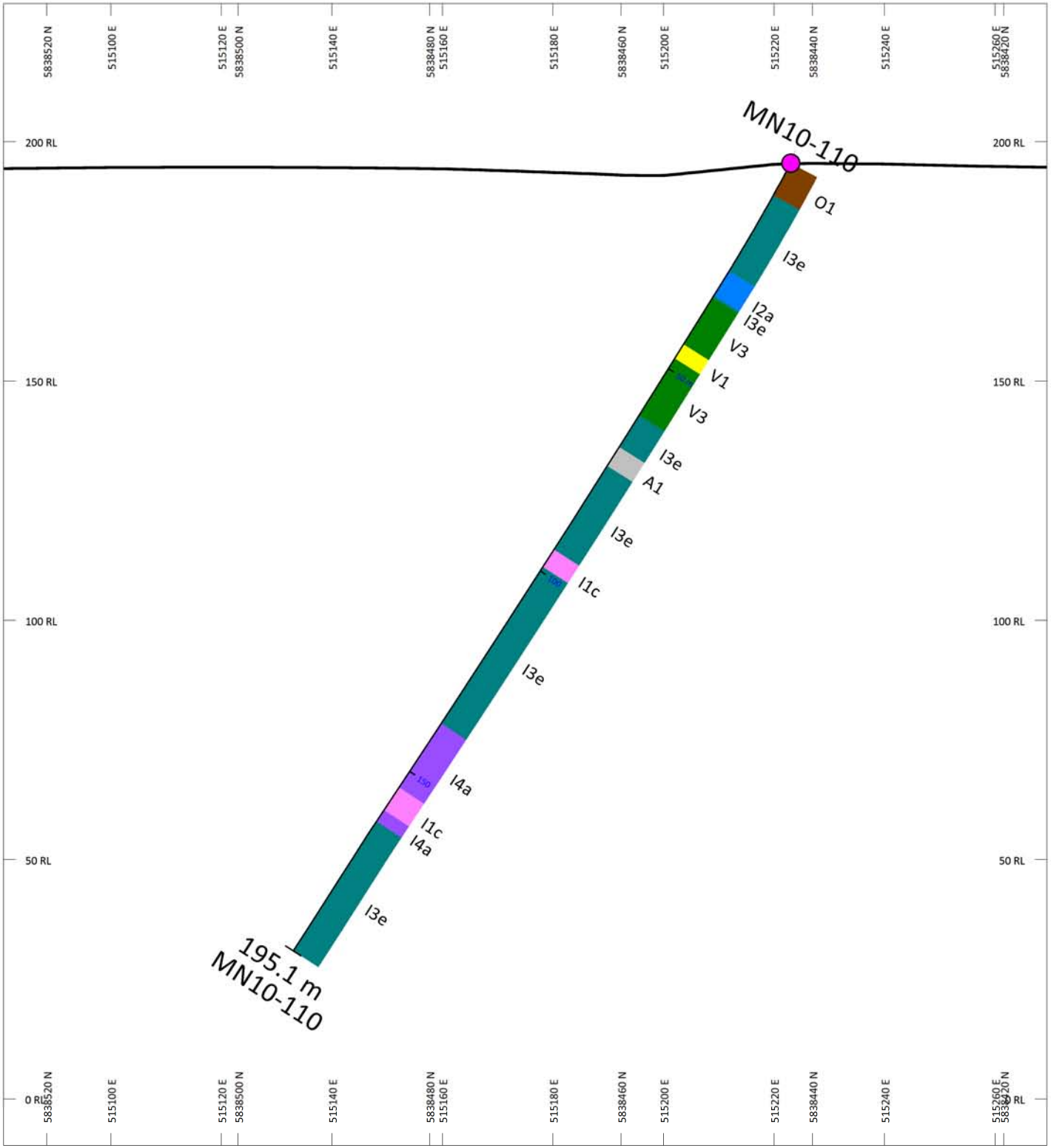
DETAILED LOG

Hole Number: **MN10-110**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
450582	146.00	147.12	0.0371	0.0252	0.9000	0.0030
841006	147.30	148.85				
841007	148.85	149.85				
841008	151.00	152.50				
451981	152.60	152.70	0.0649	0.7400	2.7900	
451982	156.10	156.20	0.0016	0.0073	0.0800	
451983	171.70	171.80	0.0214	0.0078	0.1200	
451984	179.80	179.90	0.0179	0.0062	0.1100	
451985	190.30	190.40	0.0128	0.0048	0.0900	



NORONT

TOPOGRAPHY

Elevation_main.GRD

ROCK CODES	PAT	LABEL
Lith		Chlorite alteration zone
		Granodiorite
		Diorite
		Ferrogabbro
		Pyroxenite
		Overburden
		Felsic volcanics
		Mafic volcanics

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515175 m	5838470 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	228.9 m	-9.762 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 120°

N W E S

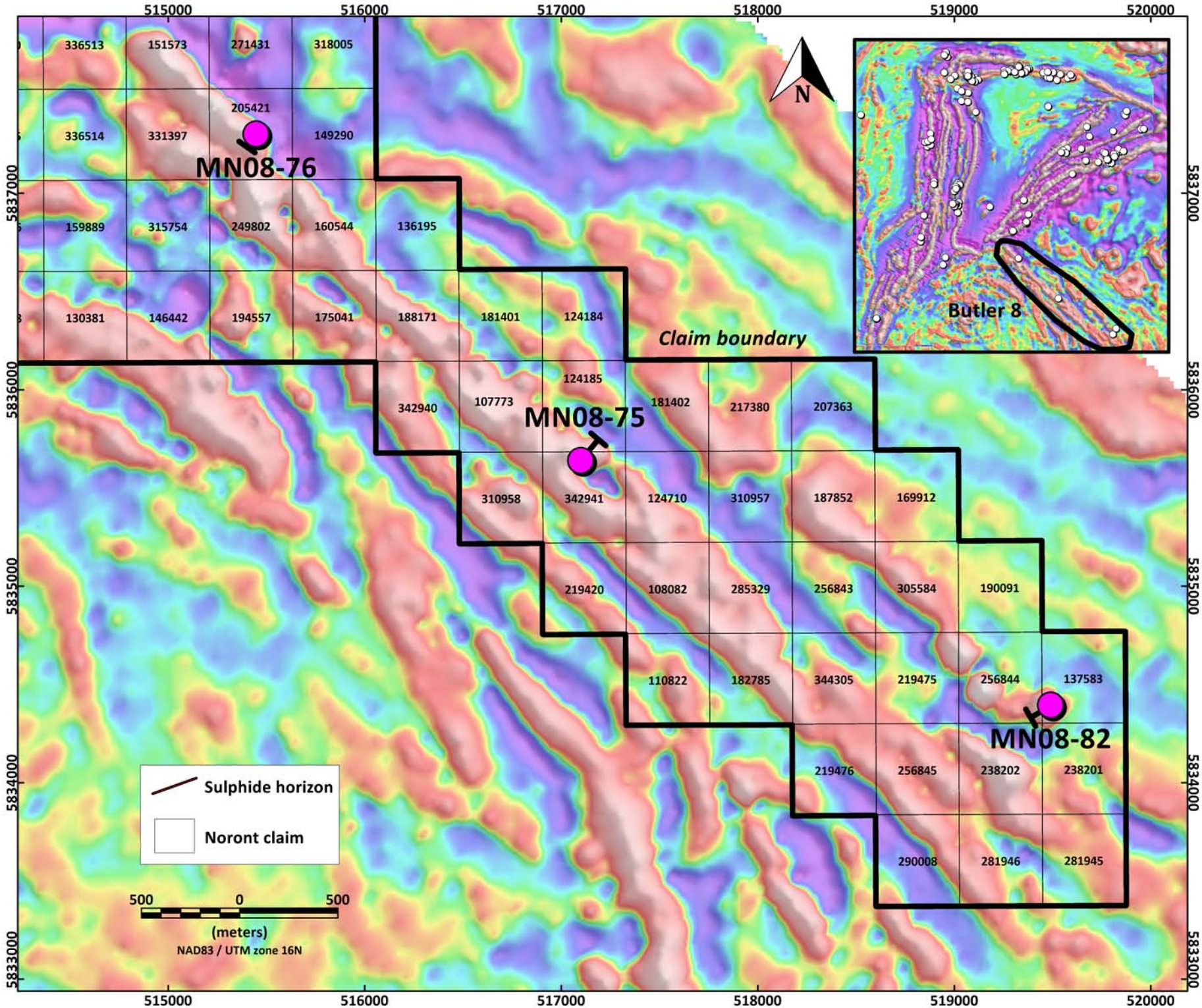
Butler Property

Cross-Section

Butler 6

MN10-110

Butler 8 / SE Limb



May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-75**	Units: Metric

Cover Page

Project Name:	Butler Butler 8 / Butler SE Limb	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	517099 5835640 194.1375289	Collar Azimuth: Collar Dip: Final Depth (m):	40 -45 198.12	Mining Claim(s) / Provincial Cell Grid(s): Township:	124185 (43D10J361), 342941 (43D10J381) BMA 526 863
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 17.9	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Aristea Doikas Cartwright Drilling 1-Aug-2008 3-Aug-2008

ReLog Notes	The hole was drilled in the central portion of linear magnetic feature targeting the same stratigraphy as MN08-76 and was drilled to the northeast testing a coincident magnetic and airborne EM response. Similar rock types are observed with the EM target identified as massive to semi-massive pyrite and pyrrhotite with elevated copper. Up hole from this is a massive homogenous unit interpreted to be a mafic volcanic that is garnet and biotite altered with chlorite stringers cross-cutting (possible Fe-metasediment). This may be retrograded cordierite in some sections. Downhole from the massive sulfide is a narrow chert band (at ~125m) with weak graded bedding indicating tops down hole (younging to northeast). Minor disseminated sulfide occurs above and the rocks are increasingly cross-cut by tonalite dykes.

DETAILED LOG

Hole Number: **MN08-75**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5835640.00	North:	5835640.00	Collar Az:	40.00
Location:		East:	517099.00	East:	517099.00	Length:	198.10
		Elev:	194.14	Elev:	194.14	Start Depth:	0.00
Date Started:	Aug 01, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 198.10
Date Completed:	Aug 03, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 8 / Butler SE Limb; drilled on the right limb of the butler property

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	40.00	-45.00	UK	OK		**198.12**	40.00	-45.00	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	17.90	**O1, Overburden Unclassified** Overburden								
17.90	44.00	**V3a, Volcanic Mafic basalt - massive** Massive dark green-grey ferrobasalt. Low Zr (<50ppm) high Fe (10-12%). Mod-strong mag, local chl-garnet stringers. No sulfides	102886	30.00	31.50	1.50	0.00	0.00	0.20	0.01
			102887	31.50	33.00	1.50	0.00	0.00	0.20	0.01
			102888	33.00	34.50	1.50	0.00	0.00	0.20	0.01
			102889	34.50	36.00	1.50	0.00	0.00	0.20	0.01
			102891	36.00	37.50	1.50	0.00	0.00	0.20	0.01
			102892	37.50	39.00	1.50	0.00	0.00	0.20	0.01
			102893	39.00	40.50	1.50	0.00	0.00	0.20	0.02
			102894	40.50	42.00	1.50	0.00	0.00	0.20	0.01
			102895	42.00	43.50	1.50	0.00	0.00	0.20	0.01
			102896	43.50	45.00	1.50	0.00	0.00	0.20	0.01

Hole Number: **MN08-75**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
44.00	93.00	**V3a, Volcanic Mafic basalt - massive** Anthophyllite-cordierite-garnet intermediate chlorite alteration zone. Altered ferrobasalt and andesite fragmental. Dark grey. Zr 50-250ppm; Cr-V locally high. Very strong magnetics. Spotty due to cordierite (glassy or broken surfaces)	102897	45.00	46.50	1.50	0.00	0.00	0.20	0.01
			102898	46.50	48.00	1.50	0.00	0.00	0.20	0.01
			102899	48.00	49.50	1.50	0.00	0.00	0.70	0.01
			102901	49.50	51.00	1.50	0.00	0.00	0.20	0.01
			102902	51.00	52.50	1.50	0.00	0.00	0.20	0.01
			102903	52.50	54.00	1.50	0.00	0.00	0.20	0.03
			102904	54.00	55.50	1.50	0.00	0.00	0.20	0.01
			102905	55.50	57.00	1.50	0.00	0.00	0.20	0.01
			102906	57.00	58.50	1.50	0.00	0.00	0.20	0.01
			102907	58.50	60.00	1.50	0.00	0.00	0.20	0.01
			102908	60.00	61.50	1.50	0.00	0.00	0.20	0.01
			102909	61.50	63.00	1.50	0.01	0.00	0.20	0.01
			102911	63.00	64.50	1.50	0.00	0.00	0.20	0.01
			102912	64.50	66.00	1.50	0.00	0.00	0.20	0.01
			102913	66.00	67.50	1.50	0.00	0.00	0.20	0.01
			102914	67.50	69.00	1.50	0.00	0.00	0.20	0.01
			102915	69.00	70.50	1.50	0.00	0.00	0.30	0.01
			102916	70.50	72.00	1.50	0.00	0.00	0.20	0.01
			102917	72.00	73.50	1.50	0.00	0.00	0.20	0.01
			102918	73.50	75.00	1.50	0.00	0.00	0.20	0.01
			102919	75.00	76.50	1.50	0.00	0.00	0.30	0.01
			102921	76.50	78.00	1.50	0.00	0.00	0.20	0.01
			102922	78.00	79.50	1.50	0.00	0.00	0.50	0.01
			102923	79.50	81.00	1.50	0.00	0.00	0.30	0.01
			102924	81.00	82.50	1.50	0.00	0.00	0.20	0.01
			102925	82.50	84.00	1.50	0.00	0.00	0.40	0.01
			102926	84.00	85.50	1.50	0.00	0.00	0.20	0.04
			102927	85.50	87.00	1.50	0.00	0.00	0.30	0.01
			102928	87.00	88.50	1.50	0.00	0.00	1.00	0.03
			102929	88.50	90.00	1.50	0.00	0.00	0.60	0.02
			102931	90.00	91.50	1.50	0.00	0.00	0.40	0.01
			102932	91.50	93.00	1.50	0.00	0.00	0.30	0.01

Hole Number: **MN08-75**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
93.00	110.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Sulfidized and altered fragmental. Diss laminated pyrite, pervasive anth-bio-muscovite alteration	102933	93.00	94.50	1.50	0.00	0.00	0.50	0.01
			102934	94.50	96.00	1.50	0.00	0.00	0.30	0.02
			102935	96.00	97.50	1.50	0.00	0.00	0.50	0.02
			102936	97.50	99.00	1.50	0.00	0.00	0.60	0.02
			102937	99.00	100.50	1.50	0.00	0.00	0.50	0.01
			102938	100.50	102.00	1.50	0.00	0.00	0.60	0.01
			102939	102.00	103.50	1.50	0.00	0.00	0.50	0.01
			102941	103.50	105.00	1.50	0.00	0.00	0.40	0.01
			102942	105.00	106.50	1.50	0.00	0.00	0.40	0.02
			102943	106.50	108.00	1.50	0.00	0.00	0.30	0.01
			102944	108.00	109.50	1.50	0.00	0.00	0.70	0.03
			102945	109.50	111.00	1.50	0.00	0.00	0.80	0.01
110.00	125.00	**X5b, Mineralization Semi-massive Cu-Zn sulfide** Semi-massive py, po with elevated Cu. Exhalative zone. With int tuff and fragmental mafics. Fairly sharp contact	102946	111.00	112.50	1.50	0.01	0.00	1.40	0.01
			102947	112.50	114.00	1.50	0.01	0.00	2.10	0.02
			102948	114.00	115.50	1.50	0.01	0.00	1.70	0.07
			102949	115.50	117.00	1.50	0.02	0.00	2.20	0.02
			102951	117.00	118.50	1.50	0.02	0.00	1.90	0.02
			102952	118.50	120.00	1.50	0.02	0.00	0.80	0.02
			102953	120.00	121.50	1.50	0.02	0.00	1.30	0.01
			102954	121.50	123.00	1.50	0.01	0.00	0.70	0.01
			102955	123.00	124.50	1.50	0.01	0.00	1.10	0.01
			102956	124.50	126.00	1.50	0.01	0.00	1.10	0.03
125.00	125.50	**S2e, Sedimentary Intermediate chert** Massive light grey chert with diss py through. Sharp lower contact at sulfide unit. Weak graded bedding indicating tops down hole (younging to northeast).								
125.50	141.50	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Mafic-intermediate fragmental with patchy diss py, weaker alteration, weak magnetism	102957	126.00	127.50	1.50	0.00	0.00	0.30	0.01
			102958	127.50	129.00	1.50	0.00	0.00	0.20	0.01
			102959	129.00	130.50	1.50	0.00	0.00	0.50	0.01
			102961	130.50	132.00	1.50	0.00	0.00	0.20	0.01
			102962	132.00	133.50	1.50	0.00	0.00	0.40	0.01
			102963	133.50	135.00	1.50	0.00	0.00	0.30	0.01
			102964	135.00	136.50	1.50	0.00	0.00	0.50	0.01
			102965	136.50	138.00	1.50	0.00	0.00	0.40	0.01
			102966	138.00	139.50	1.50	0.00	0.00	0.20	0.01
			102967	139.50	141.00	1.50	0.00	0.00	0.30	0.01
			102968	141.00	142.50	1.50	0.00	0.00	0.20	0.01

Hole Number: **MN08-75** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
141.50	159.00	**V2e, Volcanic Intermediate andesite- breccia insitu** Unaltered int-felsic ash tuff cut by late diorite dykes	102969	142.50	144.00	1.50	0.00	0.00	0.20	0.01
			102971	144.00	145.50	1.50	0.00	0.00	0.20	0.01
			102972	145.50	147.00	1.50	0.00	0.00	0.20	0.01
			102973	147.00	148.50	1.50	0.00	0.00	0.20	0.01
			102974	148.50	150.00	1.50	0.00	0.00	0.20	0.01
			102975	150.00	151.50	1.50	0.01	0.00	0.40	0.01
			102976	151.50	153.00	1.50	0.00	0.00	0.20	0.01
			102977	153.00	154.50	1.50	0.00	0.00	0.20	0.01
			102978	154.50	156.00	1.50	0.00	0.00	0.20	0.01
			102979	156.00	157.50	1.50	0.00	0.00	0.20	0.01
			102981	157.50	159.00	1.50	0.00	0.01	0.20	0.01
159.00	198.10	**I1c, Intrusive Felsic Granodiorite** Gneissic granodiorite with leuco and melanosomes and coarse grained cross-cutting granite dykes.	102982	159.00	160.50	1.50	0.00	0.01	0.20	0.01
			102983	160.50	162.00	1.50	0.00	0.01	0.20	0.01
			102984	162.00	163.50	1.50	0.00	0.02	0.20	0.01
			102985	163.50	165.00	1.50	0.00	0.02	0.20	0.01
			102986	165.00	166.50	1.50	0.00	0.01	0.20	0.01
			102987	166.50	168.00	1.50	0.00	0.01	0.20	0.01
			102988	168.00	169.50	1.50	0.00	0.01	0.20	0.01
			102989	169.50	171.00	1.50	0.00	0.01	0.20	0.01
			102991	171.00	172.50	1.50	0.00	0.01	0.20	0.01
			102992	172.50	174.00	1.50	0.00	0.01	0.20	0.01
			102993	174.00	175.50	1.50	0.00	0.01	0.20	0.01
			102994	175.50	177.00	1.50	0.00	0.01	0.20	0.01
			102995b	177.00	178.50	1.50	0.00	0.01	0.20	0.01
			102996	178.50	180.00	1.50	0.00	0.01	0.20	0.01
			102997	180.00	181.50	1.50	0.00	0.01	0.20	0.01
			102998	181.50	183.00	1.50	0.00	0.01	0.20	0.01
			102999	183.00	184.50	1.50	0.00	0.02	0.20	0.01

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102886	30.00	31.50	0.0008	0.0007	0.2000	0.0050
102887	31.50	33.00	0.0001	0.0009	0.2000	0.0050
102888	33.00	34.50	0.0001	0.0003	0.2000	0.0050
102889	34.50	36.00	0.0001	0.0003	0.2000	0.0110
102891	36.00	37.50	0.0001	0.0003	0.2000	0.0050
102892	37.50	39.00	0.0001	0.0004	0.2000	0.0050
102893	39.00	40.50	0.0001	0.0010	0.2000	0.0170
102894	40.50	42.00	0.0001	0.0004	0.2000	0.0060
102895	42.00	43.50	0.0004	0.0003	0.2000	0.0050
102896	43.50	45.00	0.0002	0.0004	0.2000	0.0050

Hole Number: **MN08-75** Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102897	45.00	46.50	0.0003	0.0020	0.2000	0.0050
102898	46.50	48.00	0.0001	0.0008	0.2000	0.0050
102899	48.00	49.50	0.0021	0.0030	0.7000	0.0050
102901	49.50	51.00	0.0001	0.0004	0.2000	0.0050
102902	51.00	52.50	0.0001	0.0028	0.2000	0.0050
102903	52.50	54.00	0.0001	0.0008	0.2000	0.0310
102904	54.00	55.50	0.0004	0.0005	0.2000	0.0050
102905	55.50	57.00	0.0005	0.0005	0.2000	0.0050
102906	57.00	58.50	0.0003	0.0007	0.2000	0.0050
102907	58.50	60.00	0.0017	0.0005	0.2000	0.0050
102908	60.00	61.50	0.0003	0.0012	0.2000	0.0050
102909	61.50	63.00	0.0050	0.0011	0.2000	0.0050
102911	63.00	64.50	0.0017	0.0003	0.2000	0.0050
102912	64.50	66.00	0.0008	0.0005	0.2000	0.0050
102913	66.00	67.50	0.0014	0.0015	0.2000	0.0050
102914	67.50	69.00	0.0001	0.0020	0.2000	0.0050
102915	69.00	70.50	0.0002	0.0032	0.3000	0.0050
102916	70.50	72.00	0.0002	0.0033	0.2000	0.0060
102917	72.00	73.50	0.0002	0.0018	0.2000	0.0090
102918	73.50	75.00	0.0003	0.0014	0.2000	0.0110
102919	75.00	76.50	0.0005	0.0011	0.3000	0.0090
102921	76.50	78.00	0.0003	0.0009	0.2000	0.0070
102922	78.00	79.50	0.0003	0.0010	0.5000	0.0100
102923	79.50	81.00	0.0001	0.0006	0.3000	0.0090
102924	81.00	82.50	0.0001	0.0017	0.2000	0.0060
102925	82.50	84.00	0.0003	0.0013	0.4000	0.0120
102926	84.00	85.50	0.0001	0.0010	0.2000	0.0390
102927	85.50	87.00	0.0006	0.0013	0.3000	0.0120
102928	87.00	88.50	0.0008	0.0017	1.0000	0.0290
102929	88.50	90.00	0.0017	0.0020	0.6000	0.0240
102931	90.00	91.50	0.0008	0.0025	0.4000	0.0120
102932	91.50	93.00	0.0008	0.0038	0.3000	0.0080
102933	93.00	94.50	0.0031	0.0040	0.5000	0.0120
102934	94.50	96.00	0.0024	0.0043	0.3000	0.0190
102935	96.00	97.50	0.0013	0.0013	0.5000	0.0190
102936	97.50	99.00	0.0023	0.0014	0.6000	0.0210
102937	99.00	100.50	0.0013	0.0012	0.5000	0.0100
102938	100.50	102.00	0.0026	0.0012	0.6000	0.0080
102939	102.00	103.50	0.0026	0.0016	0.5000	0.0100

Hole Number: **MN08-75** Units: METRIC

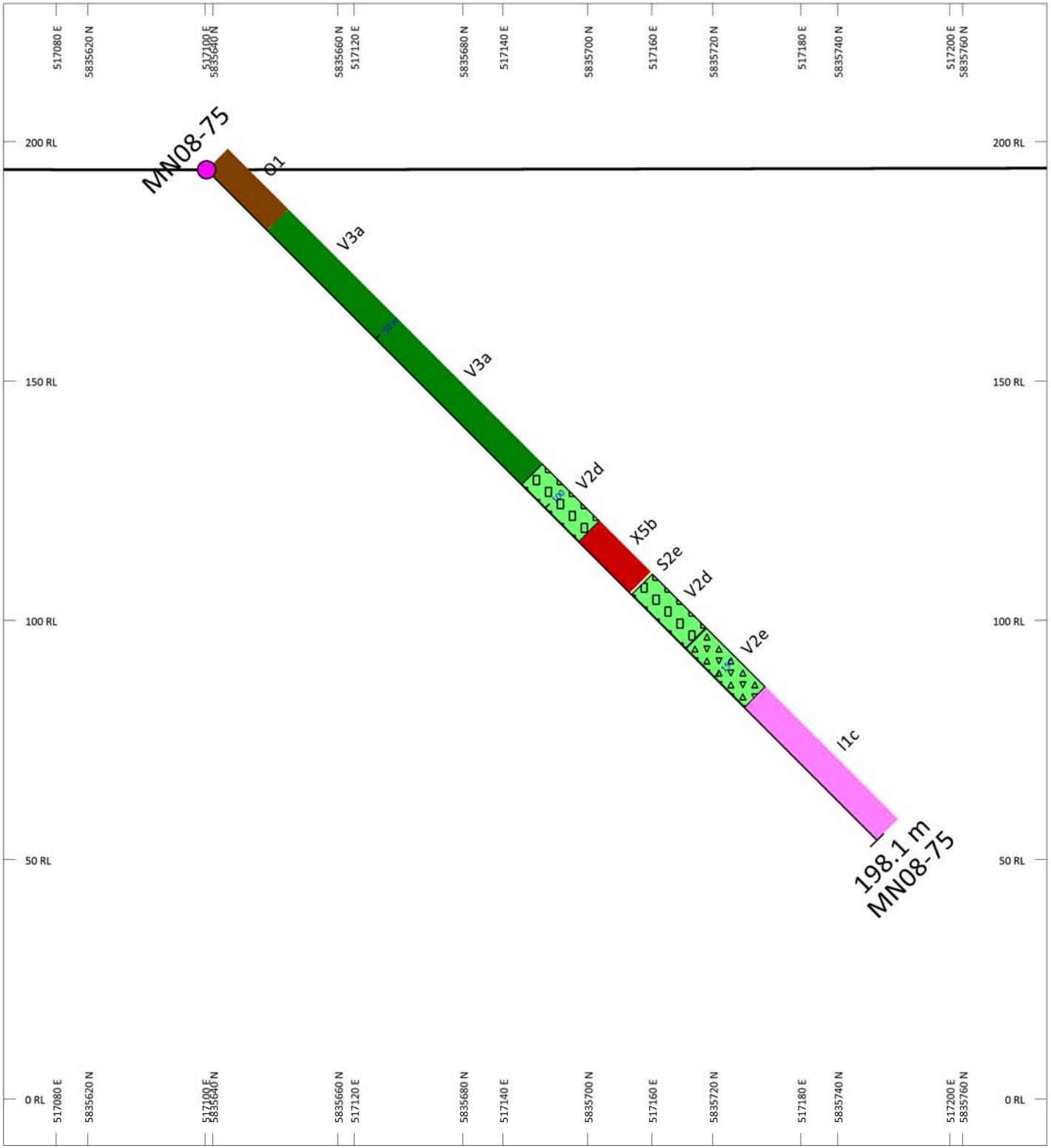
Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102941	103.50	105.00	0.0020	0.0015	0.4000	0.0120
102942	105.00	106.50	0.0020	0.0016	0.4000	0.0160
102943	106.50	108.00	0.0019	0.0014	0.3000	0.0110
102944	108.00	109.50	0.0046	0.0019	0.7000	0.0250
102945	109.50	111.00	0.0012	0.0007	0.8000	0.0090
102946	111.00	112.50	0.0086	0.0014	1.4000	0.0140
102947	112.50	114.00	0.0107	0.0015	2.1000	0.0150
102948	114.00	115.50	0.0100	0.0021	1.7000	0.0670
102949	115.50	117.00	0.0178	0.0017	2.2000	0.0220
102951	117.00	118.50	0.0195	0.0019	1.9000	0.0220
102952	118.50	120.00	0.0212	0.0020	0.8000	0.0170
102953	120.00	121.50	0.0159	0.0021	1.3000	0.0140
102954	121.50	123.00	0.0077	0.0028	0.7000	0.0070
102955	123.00	124.50	0.0100	0.0020	1.1000	0.0120
102956	124.50	126.00	0.0084	0.0015	1.1000	0.0290
102957	126.00	127.50	0.0023	0.0025	0.3000	0.0130
102958	127.50	129.00	0.0001	0.0041	0.2000	0.0090
102959	129.00	130.50	0.0006	0.0020	0.5000	0.0080
102961	130.50	132.00	0.0003	0.0025	0.2000	0.0070
102962	132.00	133.50	0.0011	0.0032	0.4000	0.0100
102963	133.50	135.00	0.0031	0.0026	0.3000	0.0100
102964	135.00	136.50	0.0030	0.0034	0.5000	0.0110
102965	136.50	138.00	0.0027	0.0039	0.4000	0.0060
102966	138.00	139.50	0.0010	0.0041	0.2000	0.0100
102967	139.50	141.00	0.0018	0.0041	0.3000	0.0110
102968	141.00	142.50	0.0003	0.0036	0.2000	0.0050
102969	142.50	144.00	0.0002	0.0044	0.2000	0.0050
102971	144.00	145.50	0.0002	0.0033	0.2000	0.0050
102972	145.50	147.00	0.0002	0.0028	0.2000	0.0050
102973	147.00	148.50	0.0006	0.0033	0.2000	0.0050
102974	148.50	150.00	0.0032	0.0034	0.2000	0.0050
102975	150.00	151.50	0.0076	0.0034	0.4000	0.0120
102976	151.50	153.00	0.0003	0.0022	0.2000	0.0050
102977	153.00	154.50	0.0001	0.0015	0.2000	0.0050
102978	154.50	156.00	0.0007	0.0033	0.2000	0.0050
102979	156.00	157.50	0.0012	0.0047	0.2000	0.0050
102981	157.50	159.00	0.0023	0.0052	0.2000	0.0050
102982	159.00	160.50	0.0008	0.0073	0.2000	0.0050
102983	160.50	162.00	0.0008	0.0102	0.2000	0.0050

Hole Number: **MN08-75** Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
102984	162.00	163.50	0.0048	0.0185	0.2000	0.0070
102985	163.50	165.00	0.0023	0.0185	0.2000	0.0050
102986	165.00	166.50	0.0016	0.0142	0.2000	0.0050
102987	166.50	168.00	0.0009	0.0091	0.2000	0.0050
102988	168.00	169.50	0.0011	0.0114	0.2000	0.0050
102989	169.50	171.00	0.0016	0.0115	0.2000	0.0050
102991	171.00	172.50	0.0033	0.0111	0.2000	0.0050
102992	172.50	174.00	0.0015	0.0101	0.2000	0.0050
102993	174.00	175.50	0.0021	0.0114	0.2000	0.0050
102994	175.50	177.00	0.0024	0.0122	0.2000	0.0050
102995b	177.00	178.50	0.0008	0.0103	0.2000	0.0050
102996	178.50	180.00	0.0014	0.0100	0.2000	0.0050
102997	180.00	181.50	0.0006	0.0098	0.2000	0.0050
102998	181.50	183.00	0.0002	0.0089	0.2000	0.0050
102999	183.00	184.50	0.0047	0.0151	0.2000	0.0050



NORONT

TOPOGRAPHY

Elevation_all.GRD

ROCK CODES Lith	PAT	LABEL
		Granodiorite
		Overburden
		Intermediate chert
		Intermediate lapilli tuff
		Intermediate ash tuff
		Mafic massive/flow volcanics
		Semi-massive sulfides (Cu-Zn)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	517143 m	5835690 m
EXTENTS	218 m	238.6 m
SECTION TOP, BOT	228.9 m	-9.762 m
TOLERANCE +/-	25 m	

SCALE 1 : 1250

(m)

-10 0 10 20 30 40

NAD83 / UTM zone 16N

AZIMUTH = 40°

N E S W

Butler Property

Cross-Section

Butler 8 / SE Limb

MN08-75

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-76**	Units: Metric

Cover Page

Project Name:	Butler Butler 8 / Butler SE Limb	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	515447 5837302 193.2188473	Collar Azimuth: Collar Dip: Final Depth (m):	215 -45 112.78	Mining Claim(s) / Provincial Cell Grid(s): Township:	205421 (43D10K317) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 9.4	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Aristea Doikas & Yash Shelat Cartwright Drilling 17-Sep-2008 18-Sep-2008

ReLog Notes	The hole was drilled on the northeast end of the linear magnetic feature that defines the Butler southeast limb. And was drilled to the southwest testing coincident a magnetic and airborne EM response. The hole is complex as the stratigraphy is inflated by 50% by cross-cutting diorite/tonalite dykes characterized by coarse grained feldspar with a biotite matrix. The central portion of the supracrustal (EM target) is an exhalative pyrrhotite with laminated/planar bedding. Lenses of metasedimentary rocks continue above and below with laminations and potential graded beds (garnet and biotite). Unit is interpreted to be a quartz rich sandstone (greywacke).

DETAILED LOG

Hole Number: **MN08-76**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-45.00
Project Number:	Butler	North:	5837302.00	North:	5837302.00	Collar Az:	215.00
Location:		East:	515447.00	East:	515447.00	Length:	112.78
		Elev:	193.22	Elev:	193.22	Start Depth:	0.00
Date Started:	Sep 17, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 112.78
Date Completed:	Sep 18, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 8 / Butler SE Limb; GridN-54, drilled on the right limb of the Butler property

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	215.00	-45.00	UK	OK		**112.78**	215.00	-42.80	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data							
			Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	9.40	**O1, Overburden Unclassified** Overburden								
9.40	33.00	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								
33.00	33.19	**I1d, Intrusive Felsic Apalite** Aplite dyke								
33.19	41.60	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								
41.60	43.10	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
43.10	57.40	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.	175189	55.00	56.50	1.50	0.00	0.01	0.20	0.01
			175191	56.50	58.00	1.50	0.01	0.01	0.20	0.01

Hole Number: **MN08-76** Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
57.40	77.00	**V3, Volcanic Mafic** Raft of altered and sulfidic mafic(-intermediate) tuff (exhalative pyrrhotite unit)	175192	58.00	59.50	1.50	0.02	0.00	0.40	0.05
			175193	59.50	61.00	1.50	0.00	0.00	0.30	0.03
			175194	61.00	62.50	1.50	0.00	0.01	0.20	0.01
			175195	62.50	64.00	1.50	0.01	0.00	0.20	0.01
			175196	64.00	65.50	1.50	0.01	0.00	0.40	2.22
			175197	65.50	67.00	1.50	0.01	0.00	0.30	0.03
			175198	67.00	68.50	1.50	0.05	0.00	0.40	0.02
			175199	68.50	70.00	1.50	0.03	0.00	0.20	0.01
			175201	70.00	71.50	1.50	0.04	0.01	0.50	0.02
			175202	71.50	73.00	1.50	0.03	0.00	0.50	0.02
			175203	73.00	74.50	1.50	0.02	0.00	0.50	0.03
			175204	74.50	76.00	1.50	0.04	0.01	0.90	0.05
			175205	76.00	77.50	1.50	0.03	0.01	0.60	0.02
77.00	88.44	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
88.44	92.00	**I1d, Intrusive Felsic Apalite** Aplite dyke								
92.00	93.48	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
93.48	94.13	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								
94.13	94.58	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
94.58	94.95	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								
94.95	97.32	**I1d, Intrusive Felsic Apalite** Aplite dyke								
97.32	99.49	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
99.49	99.90	**I1d, Intrusive Felsic Apalite** Aplite dyke								
99.90	102.70	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
102.70	108.85	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								
108.85	110.84	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								
110.84	111.50	**I2a, Intrusive Intermediate Diorite** Biotite-actinolite diorite with leucosomatic phases, aplite dykes, mafic gneiss xenoliths, 5-20% diss po.								

DETAILED LOG

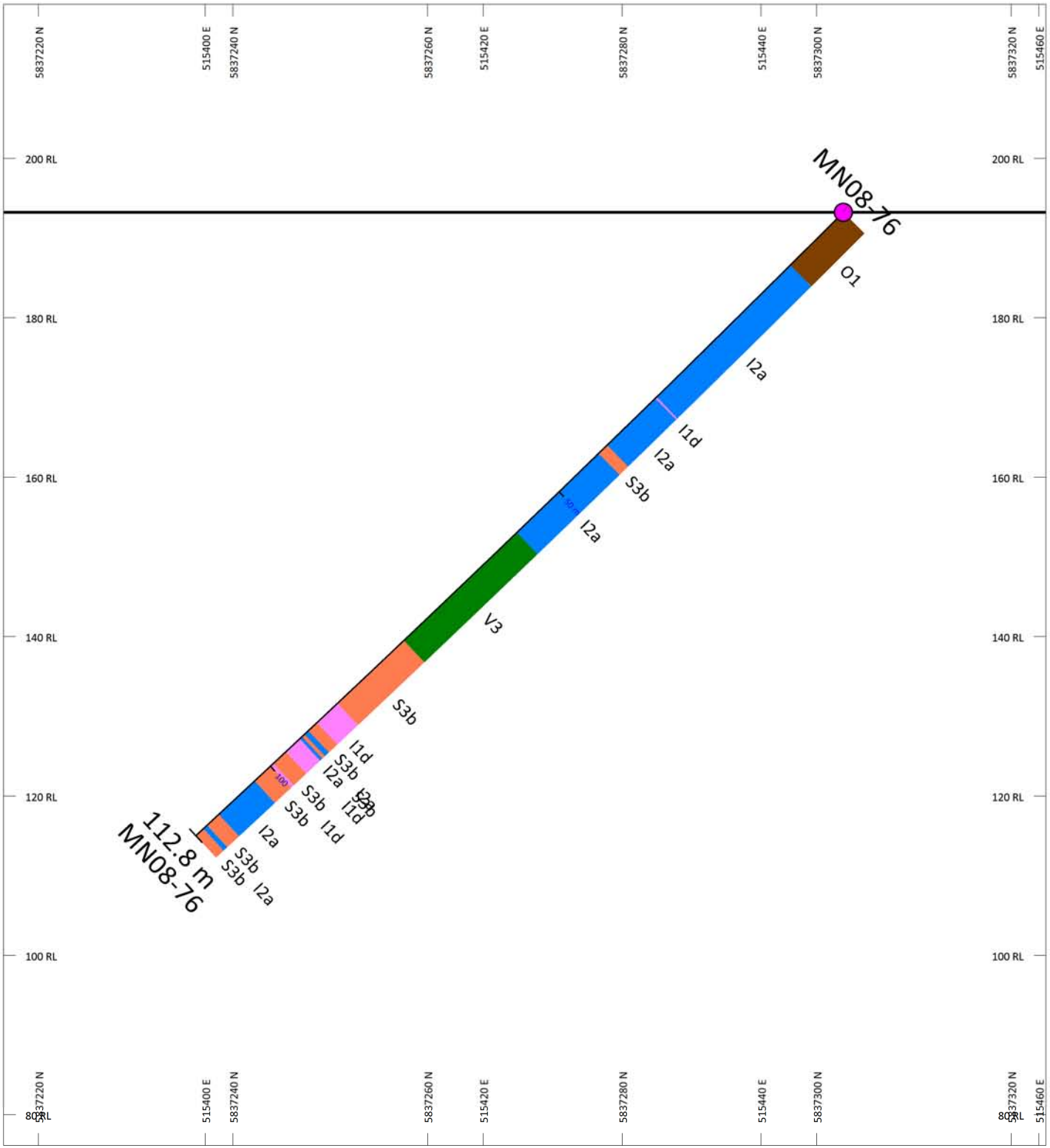
Hole Number: **MN08-76**

Units: METRIC

Detailed Lithology			Assay Data							
From	To	Lithology	Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
111.50	112.78	**S3b, Sedimentary Mafic sandstone** Qtz-rich greywacke or possibly mafic-int volcanic								

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175189	55.00	56.50	0.0020	0.0102	0.2000	0.0110
175191	56.50	58.00	0.0106	0.0052	0.2000	0.0100
175192	58.00	59.50	0.0218	0.0039	0.4000	0.0480
175193	59.50	61.00	0.0025	0.0027	0.3000	0.0250
175194	61.00	62.50	0.0029	0.0069	0.2000	0.0050
175195	62.50	64.00	0.0051	0.0041	0.2000	0.0070
175196	64.00	65.50	0.0125	0.0038	0.4000	2.2200
175197	65.50	67.00	0.0124	0.0046	0.3000	0.0310
175198	67.00	68.50	0.0538	0.0033	0.4000	0.0150
175199	68.50	70.00	0.0333	0.0016	0.2000	0.0100
175201	70.00	71.50	0.0364	0.0058	0.5000	0.0190
175202	71.50	73.00	0.0269	0.0028	0.5000	0.0190
175203	73.00	74.50	0.0201	0.0038	0.5000	0.0270
175204	74.50	76.00	0.0416	0.0054	0.9000	0.0450
175205	76.00	77.50	0.0306	0.0055	0.6000	0.0160



NORONT

TOPOGRAPHY

Elevation_all.GRD

ROCK CODES Lith	PAT	LABEL
		Aplite
		Diorite
		Overburden
		Mafic sandstone
		Mafic volcanics

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	515423 m	5837270 m
EXTENTS	130.8 m	143.2 m
SECTION TOP, BOT	219.3 m	76.14 m
TOLERANCE +/-	25 m	

SCALE 1 : 750

(m)

-5 0 5 10 15 20 25

NAD83 / UTM zone 16N

AZIMUTH = 35°

N W E S

Butler Property

Cross-Section

Butler 8 / SE Limb

MN08-76

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-82**	Units: Metric

Cover Page

Project Name:	Butler Butler 8 / Butler SE Limb	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	519490 5834395 193.5094603	Collar Azimuth: Collar Dip: Final Depth (m):	235 -50 179.83	Mining Claim(s) / Provincial Cell Grid(s): Township:	137583 (43D10G027), 256844 (43D10G026) BMA 526 863
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 7.3	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Yash Shelat Cartwright Drilling 29-Sep-2008 1-Oct-2008

ReLog Notes	The hole was drilled in the southeast end of the linear magnetic feature and was targeting the same stratigraphy as MN08-75 and -76. The hole was drilled to the southwest testing a coincident magnetic and airborne EM response. The hole collars into tonalite/diorite and at ~20m intersects intensely chlorite altered volcanic with narrow stringers of pyrite and chalcopyrite. This is followed by a narrow interval of felsic volcanic which grades into an observed quartzite unit by ~42m. There is a gradational change again down hole into a quartz rich metasediment following this.

DETAILED LOG

Hole Number: **MN08-82** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-50.00
Project Number:	Butler	North:	5834395.00	North:	5834395.00	Collar Az:	235.00
Location:		East:	519490.00	East:	519490.00	Length:	179.83
		Elev:	193.51	Elev:	193.51	Start Depth:	0.00
Date Started:	Sep 29, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 179.83
Date Completed:	Oct 01, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 8 / Butler SE Limb; GridN-55-3, drilled on the right limb of the butler property

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	235.00	-50.00	UK	OK		**179.83**	240.30	-46.30	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	7.30	**O1, Overburden Unclassified** Overburden								
7.30	19.50	**I1a, Intrusive Felsic Granite** Granite/tonalite								
19.50	32.00	**V3, Volcanic Mafic** Intensely chlorite altered mafic volcanic with narrow stringers of pyrite and chalcopyrite. No garnet, py, anth, cord, but looks like VMS alteration.	175332	24.00	25.50	1.50	0.07	0.03	0.20	0.02
			175333	25.50	27.00	1.50	0.08	0.01	0.20	0.03
			175334	27.00	28.50	1.50	0.09	0.01	0.20	0.02
			175335	28.50	30.00	1.50	0.07	0.01	0.20	0.02
			175336	30.00	31.50	1.50	1.06	0.01	4.70	0.19
			175337	31.50	33.00	1.50	0.64	0.01	1.60	0.13
32.00	32.30	**X1, Mineralization Disseminated** Zone of blebby py>>cu								
32.30	34.00	**V3, Volcanic Mafic** Intensely chlorite altered mafic volcanic with narrow stringers of pyrite and chalcopyrite. No garnet, py, anth, cord, but looks like VMS alteration.	175338	33.00	34.50	1.50	0.69	0.01	2.10	0.12
34.00	35.00	**I2a, Intrusive Intermediate Diorite** Diorite dyke	175339	34.50	36.00	1.50	0.09	0.01	0.20	0.01
35.00	42.50	**V3, Volcanic Mafic** Intense chlorite-sericite alterated rock (basalt?). May contain felsics.	175341	36.00	37.50	1.50	0.03	0.00	0.20	0.00
42.50	49.80	**S1b, Sedimentary Felsic sandstone** Quartzite (94% SiO2). Chlorite alteration quickly decreases from overlying volcanics into sericite altered sediment. Massive to nodular but no obvious bedding.								
49.80	179.83	**I1b, Intrusive Felsic Tonalite** Homogeneous granodiorite/monzodiorite								

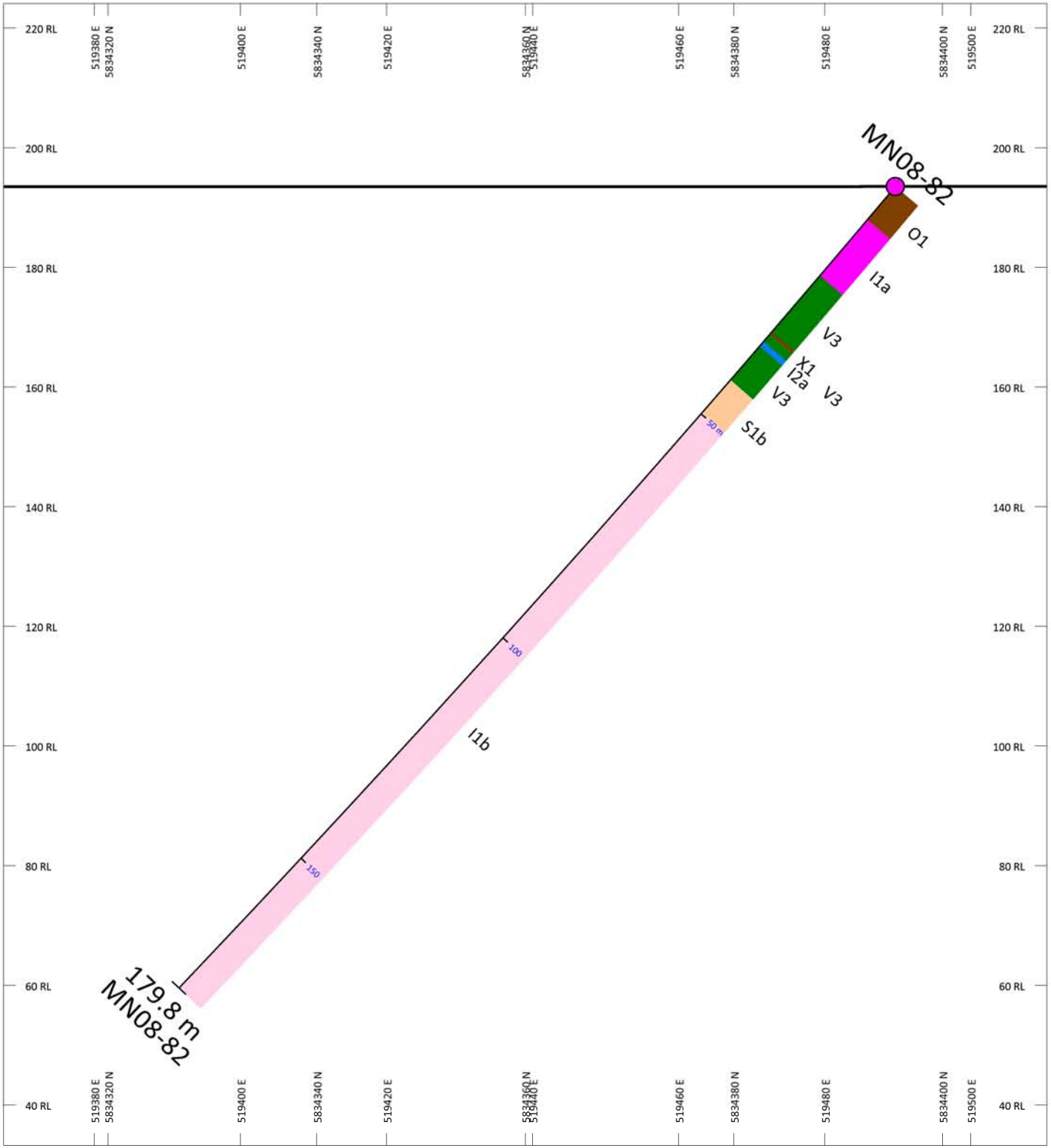
DETAILED LOG

Hole Number: **MN08-82**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175332	24.00	25.50	0.0725	0.0286	0.2000	0.0220
175333	25.50	27.00	0.0795	0.0078	0.2000	0.0260
175334	27.00	28.50	0.0891	0.0078	0.2000	0.0240
175335	28.50	30.00	0.0669	0.0085	0.2000	0.0160
175336	30.00	31.50	1.0600	0.0102	4.7000	0.1930
175337	31.50	33.00	0.6390	0.0089	1.6000	0.1250
175338	33.00	34.50	0.6930	0.0093	2.1000	0.1170
175339	34.50	36.00	0.0888	0.0099	0.2000	0.0130
175341	36.00	37.50	0.0305	0.0037	0.2000	0.0040



TOPOGRAPHY

Elevation_all.GRD

ROCK CODES Lith	PAT	LABEL
		Granite
		Tonalite
		Diorite
		Overburden
		Felsic sandstone
		Mafic volcanics
		Disseminated sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	519439 m	5834360 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	224.1 m	33.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 55°

N W E S

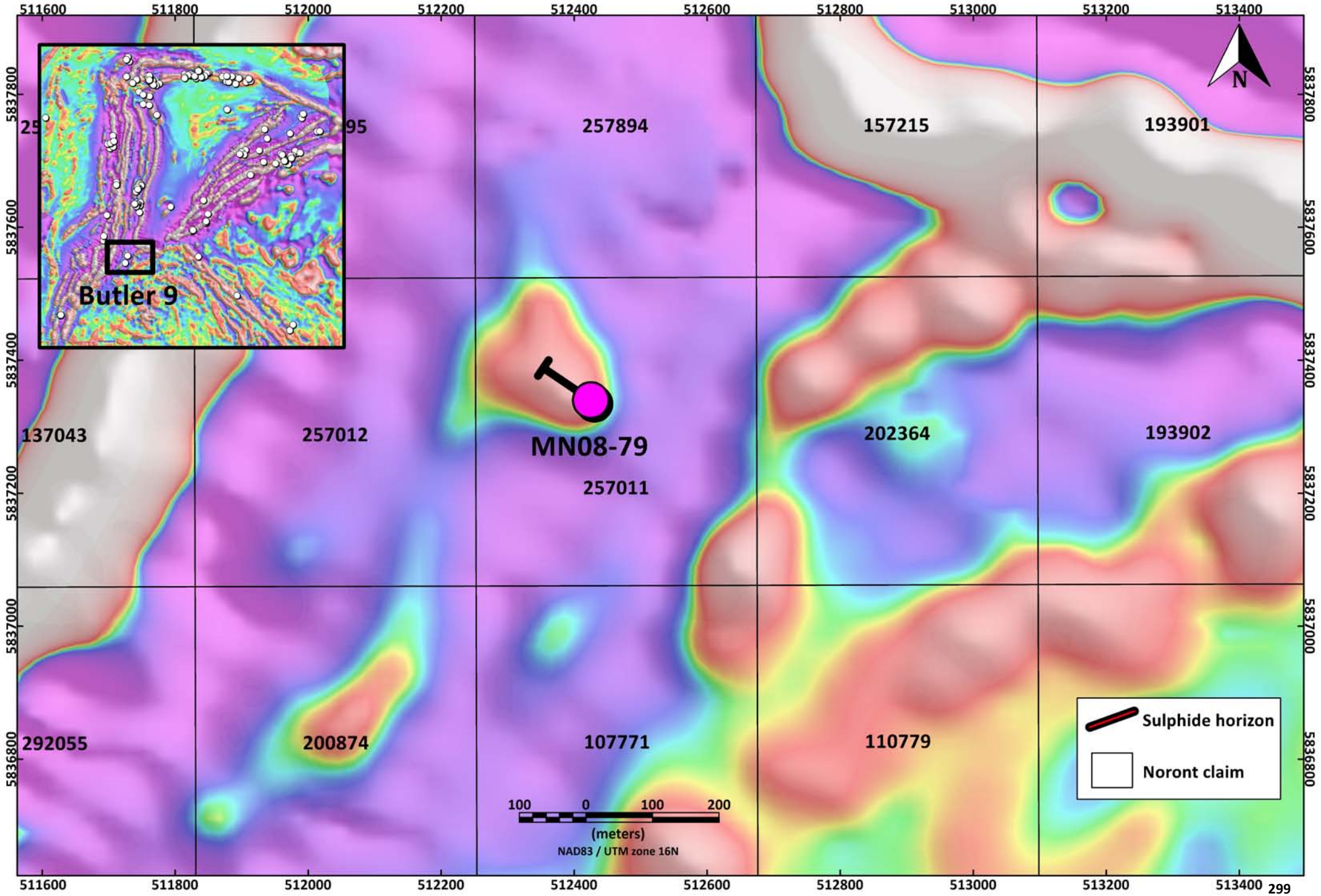
Butler Property

Cross-Section

Butler 8 / SE Limb

MN08-82

Butler 9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5836800
N
257894
157215
193901
137043
257012
MN08-79
257011
202364
193902
292055
200874
107771
110779
Butler 9
Sulphide horizon
Noront claim
100 0 100 200
(meters)
NAD83 / UTM zone 16N

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**MN08-79**	Units: Metric

Cover Page

Project Name:	Butler Butler 9	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2008 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	512425 5837340 192.0079166	Collar Azimuth: Collar Dip: Final Depth (m):	304 -55 139	Mining Claim(s) / Provincial Cell Grid(s): Township:	257011 (43D10K310) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	BQTW Yes 7.5	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	Yash Shelat Cartwright Drilling 1-Oct-2008 2-Oct-2008

ReLog Notes	The hole was drilled to the northwest and interpreted to be drilling down stratigraphy. The hole collars into granitoid at 9m and a biotite-chlorite altered schist at 11m. From 11m to ~61m metasedimentary rocks alternating between biotite-chlorite schists and wacke sediments with laminated bedding were observed. Massive sulfide (pyrite and pyrrhotite) occurs from 61.0 to 61.5m followed more wacke sediments from 61.5m to 89m. The angle of bedding indicates units dip to the west. Sulfide occurs within the unit as 50-70cm wide patches/intervals. Felsic volcanics are observed from 89m to end of hole. Volcanic rocks appear to be volcaniclastic or flow top breccias to a depth of ~114m where a transition to more massive units are observed. Minor alteration is observed in the unit.

DETAILED LOG

Hole Number: **MN08-79**

Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-55.00
Project Number:	Butler	North:	5837340.00	North:	5837340.00	Collar Az:	304.00
Location:		East:	512425.00	East:	512425.00	Length:	139.00
		Elev:	192.01	Elev:	192.01	Start Depth:	0.00
Date Started:	Oct 01, 2008	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 139.00
Date Completed:	Oct 02, 2008	Multishot Survey:	N	Hole Size:	BQTW	Core Storage:	
		Pulse EM Survey:	N	Casing:			

Comments: Butler 9; GridN-40-1

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	304.00	-55.00	UK	OK		**139.00**	304.00	-48.40	UK	OK	

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	7.50	**O1, Overburden Unclassified** Overburden								
7.50	10.50	**I1a, Intrusive Felsic Granite** Granite pegmatite								
10.50	23.50	**S1b, Sedimentary Felsic sandstone** Thin beds of quartz sandstone 20 tca with minor mafic beds altered to chlorite, moderately magnetic								
23.50	30.50	**A1, Alteration Chlorite** Chlorite-biotite-talc altered mafic dyke/volcanic? 2-5% diss py								
30.50	44.00	**S1b, Sedimentary Felsic sandstone** Thin beds of quartz sandstone 20 tca with minor mafic beds altered to chlorite, moderately magnetic	175343	38.00	39.50	1.50	0.02	0.01	0.20	0.00
			175344	39.50	41.00	1.50	0.01	0.00	0.20	0.00
			175345	41.00	42.50	1.50	0.01	0.01	0.20	0.00
			175346	42.50	44.00	1.50	0.03	0.01	0.20	0.01
44.00	50.00	**A1, Alteration Chlorite** Intermediate chl alteration zone with mod mag, stringer py, Fe-carb alteration	175347	44.00	45.50	1.50	0.05	0.01	0.80	0.01
			175348	45.50	47.00	1.50	0.19	0.01	1.50	0.02
			175349	47.00	48.50	1.50	0.10	0.02	0.90	0.01
			175351	48.50	50.00	1.50	0.16	0.06	1.10	0.01
50.00	61.00	**S1b, Sedimentary Felsic sandstone** Thin beds of quartz sandstone 20 tca with minor mafic beds altered to chlorite, moderately magnetic	175352	50.00	51.50	1.50	0.03	0.02	0.30	0.00
			175353	51.50	53.00	1.50	0.01	0.01	0.20	0.00
			175354	59.00	60.50	1.50	0.00	0.00	0.20	0.00
			175355	60.50	62.00	1.50	0.02	0.00	0.80	0.02
61.00	61.50	**X6e, Mineralization Massive Pyrite** Pyrite 30% as 20cm beds of massive sulphide in qtz sandstone								

DETAILED LOG

Hole Number: **MN08-79**

Units: METRIC

Detailed Lithology

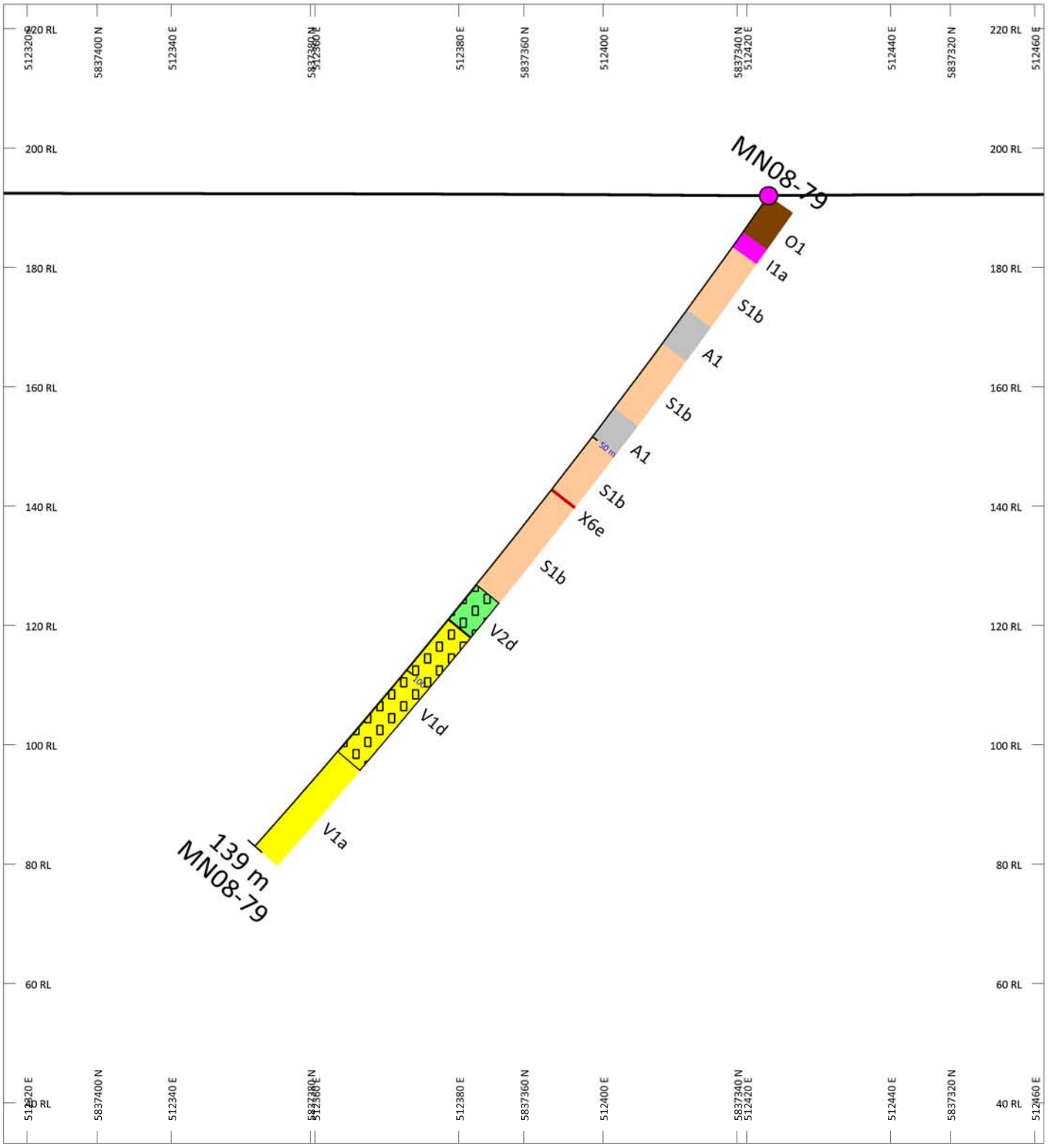
From	To	Lithology
61.50	81.50	**S1b, Sedimentary Felsic sandstone** Qtz sandstone with sulfide beds, chlorite-sericite alteration. Sulfide occurs within the unit as 50-70cm wide patches/intervals.
81.50	89.00	**V2d, Volc Inter andesite-breccia transported (volcaniclastic)** Green, foliated fg intermediate fragmental, chlorite-anthophyllite alterated, minor py
89.00	118.00	**V1d, Volcanic Felsic rhyodacite - fragmental (volcaniclastic)** Dacite fragmental or flow top breccia, weak ser-chl-bio alteration. Bio alteration most pronounced where frag are course. Minor patchy py
118.00	139.00	**V1a, Volcanic Felsic rhyodacite - massive** Massive grey dacite flow, unaltered, un magnetic.

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
175356	62.00	63.50	1.50	0.04	0.00	0.60	0.01
175357	63.50	65.00	1.50	0.01	0.00	0.50	0.00
175358	65.00	66.50	1.50	0.10	0.00	1.20	0.01
175359	66.50	68.00	1.50	0.01	0.00	0.20	0.00
175361	68.00	69.50	1.50	0.00	0.00	0.20	0.00
175362	87.00	88.50	1.50	0.00	0.00	0.20	0.00
175363	88.50	90.00	1.50	0.01	0.00	0.20	0.00
175364	90.00	91.50	1.50	0.01	0.00	0.50	0.01
175365	91.50	93.00	1.50	0.00	0.00	0.20	0.00
175366	93.00	94.50	1.50	0.00	0.00	0.20	0.00

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
175343	38.00	39.50	0.0163	0.0127	0.2000	0.0010
175344	39.50	41.00	0.0089	0.0028	0.2000	0.0020
175345	41.00	42.50	0.0105	0.0056	0.2000	0.0010
175346	42.50	44.00	0.0265	0.0084	0.2000	0.0060
175347	44.00	45.50	0.0537	0.0070	0.8000	0.0130
175348	45.50	47.00	0.1880	0.0103	1.5000	0.0210
175349	47.00	48.50	0.0961	0.0171	0.9000	0.0090
175351	48.50	50.00	0.1580	0.0599	1.1000	0.0070
175352	50.00	51.50	0.0277	0.0178	0.3000	0.0020
175353	51.50	53.00	0.0054	0.0130	0.2000	0.0010
175354	59.00	60.50	0.0002	0.0041	0.2000	0.0010
175355	60.50	62.00	0.0210	0.0031	0.8000	0.0170
175356	62.00	63.50	0.0404	0.0010	0.6000	0.0120
175357	63.50	65.00	0.0145	0.0010	0.5000	0.0030
175358	65.00	66.50	0.1010	0.0022	1.2000	0.0110
175359	66.50	68.00	0.0053	0.0028	0.2000	0.0010
175361	68.00	69.50	0.0010	0.0035	0.2000	0.0010
175362	87.00	88.50	0.0045	0.0038	0.2000	0.0010
175363	88.50	90.00	0.0083	0.0037	0.2000	0.0010
175364	90.00	91.50	0.0062	0.0017	0.5000	0.0060
175365	91.50	93.00	0.0002	0.0017	0.2000	0.0010
175366	93.00	94.50	0.0005	0.0025	0.2000	0.0010



NORONT

TOPOGRAPHY

Elevation_all.GRD

ROCK CODES Lith	PAT	LABEL
		Chlorite alteration zone
		Granite
		Overburden
		Felsic sandstone
		Felsic massive/flow volcanics
		Felsic lapilli tuff
		Intermediate lapilli tuff
		Massive sulfides (pyrite)

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	512389 m	5837360 m
EXTENTS	174.4 m	190.9 m
SECTION TOP, BOT	224.1 m	33.19 m
TOLERANCE +/-	25 m	

SCALE 1 : 1000

(m)

-10 0 10 20 30

NAD83 / UTM zone 16N

AZIMUTH = 124°

N W E S

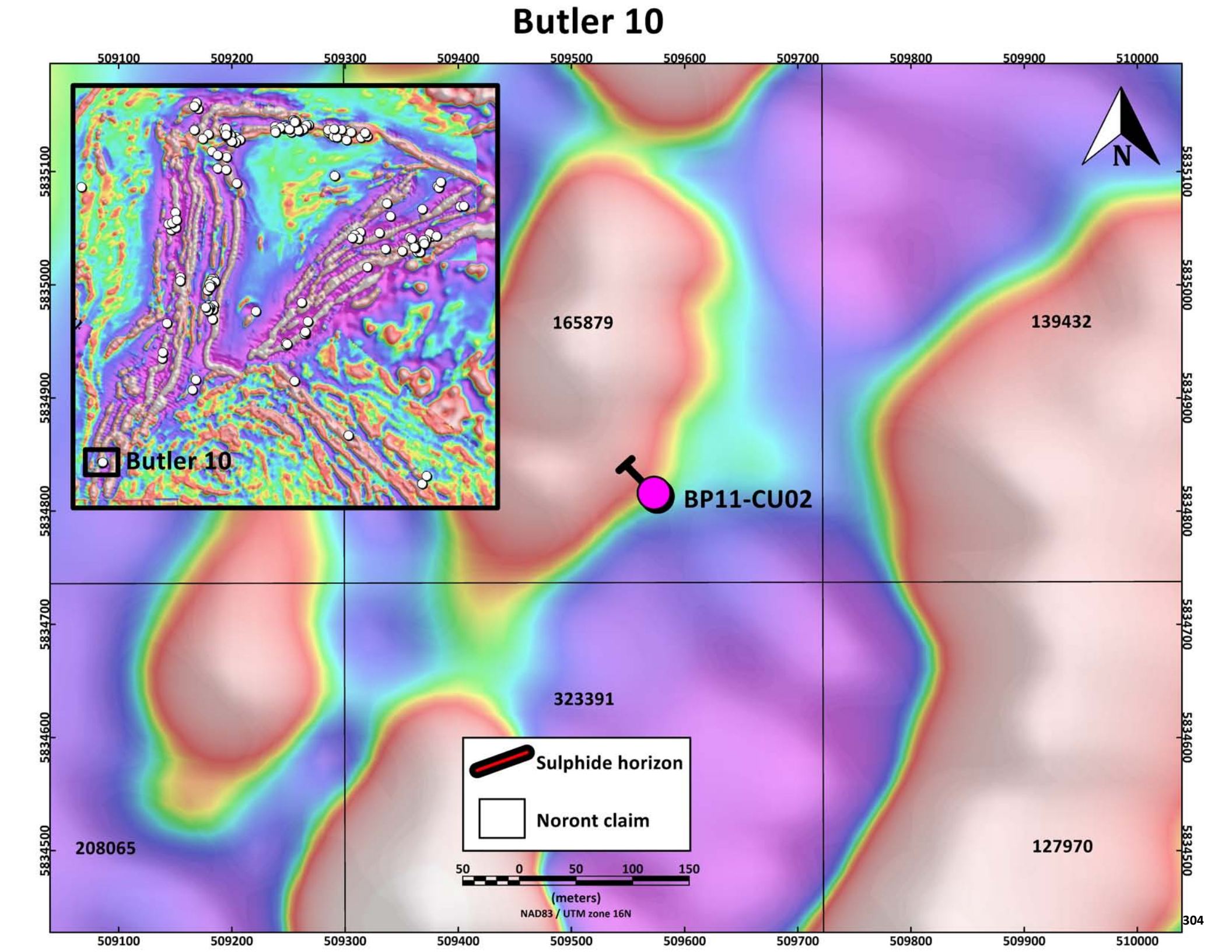
Butler Property

Cross-Section

Butler 9

MN08-79

Butler 10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5834700
5834600
5834500
N
Butler 10
165879
139432
BP11-CU02
323391
208065
127970
Sulphide horizon
Noront claim
50
0
50
100
150
(meters)
NAD83 / UTM zone 16N

May 12, 2020	**DIAMOND DRILL RELOG**	**Butler Lake Program**

Hole Number:	**BP11-CU02**	Units: Metric

Cover Page

Project Name:	Butler Butler 10	Datum: UTM Zone:	NAD83 16N				
Year Drilled: Drilled By: Re-Logged By: Re-Logged Date:	2011 MacDonald Mines Geoff Heggie & Ryan Weston May 23 - May 30, 2018	Easting (m): Northing (m): Elevation (m):	509573 5834816 201.9	Collar Azimuth: Collar Dip: Final Depth (m):	313.27 -48.77 54	Mining Claim(s) / Provincial Cell Grid(s): Township:	165879 (43D10F003) BMA 526 864
Hole Size: Core Stored: Overburden Depth (m):	NQ Yes 9.8	Core Stored At: Workplace:	Butler Lake site Butler Lake site	Total # Re-Samples:	0	Original Logger: Original Drill Contractor: Original Drill Start Date: Original Drill End Date:	J. Masters Cartwright Drilling 30-Mar-2011 31-Mar-2011

ReLog Notes	The hole was drilled to the northwest and interpreted to be drilling down stratigraphy. Metamorphic grade was noticeably higher in the drill hole then elsewhere, with a pronounced granular texture and abundant cross-cutting granite dykes. The EM conductor was identified within the drill hole as a sulfide hosted within tectonic veins/breccias. Spatially, chert and quartzite/wackes were with the sulfides. The rocks in the hangingwall to the metasedimentary unit were re-crystalized felsic to intermediate intrusives, possibly diorite, whereas the rocks in the footwall were re-crystalized mafic intrusives, as hypothesized from amphibolite. The bottom of the drill hole was a homogenous biotite quartz-feldspar diorite/tonalite.

DETAILED LOG

Hole Number: **BP11-CU02** Units: METRIC

Project Name:	Butler	Primary Coordinates	Grid: UTM83-16	Destination Coordinates	Grid: UTM83-16	Collar Dip:	-48.77
Project Number:	Butler	North:	5834816.00	North:	5834816.00	Collar Az:	313.27
Location:		East:	509573.00	East:	509573.00	Length:	54.00
		Elev:	201.90	Elev:	201.90	Start Depth:	0.00
Date Started:	Mar 30, 2011	Collar Survey:	N	Plugged:	N	Contractor:	Final Depth: 54.00
Date Completed:	Mar 31, 2011	Multishot Survey:	N	Hole Size:	NQ	Core Storage:	
		Pulse EM Survey:	Y	Casing:			

Comments: Butler 10; This hole was drilled near hole BP11-Cu01, in an attempt to transsect across the geology at right angles and intersect the conductive body at shallow depths.

Sample Averages

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	313.27	-48.77	UK	OK		**10.00**	313.27	-48.77	UK	OK	
20.00	314.61	-48.75	UK	OK		**30.00**	315.21	-48.69	UK	OK	
40.00	315.52	-48.62	UK	OK		**50.00**	316.65	-48.58	UK	OK	
54.00	317.66	-48.57	UK	OK							

Detailed Lithology

From	To	Lithology	Assay Data: Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
0.00	9.80	**O1, Overburden Unclassified** Overburden								
9.80	16.00	**I2a, Intrusive Intermediate Diorite** Late diorite	451637	12.00	12.20	0.20	0.01	0.01	0.03	
16.00	19.30	**S3, Sedimentary Mafic** Crystalline mafic sediment with recrystallized qtz-bio rich felsic sandstone/QF tuff, with diss po in felsic tuff	842489	16.00	16.50	0.50	0.01	0.00	0.40	0.00
			842490	16.50	17.00	0.50	0.00	0.00	0.40	0.00
			842491	17.00	17.50	0.50	0.00	0.01	0.15	0.00
			842492	17.50	18.00	0.50	0.01	0.01	0.40	0.00
			842493	18.00	18.50	0.50	0.00	0.01	0.15	0.00
			842494	18.50	19.00	0.50	0.00	0.01	0.15	0.00
			842495	19.00	19.50	0.50	0.02	0.01	0.70	0.00
19.30	20.40	**X5, Mineralization Semi-massive** Py-po, 30%, in qtz vein and granitic breccia	842496	19.50	20.00	0.50	0.04	0.00	1.10	0.01
			842497	20.00	20.50	0.50	0.06	0.00	1.50	0.02

DETAILED LOG

Hole Number: **BP11-CU02**

Units: METRIC

Detailed Lithology

From	To	Lithology
20.40	30.00	**S1b, Sedimentary Felsic sandstone** Qtz rich sandstone with po. IF as minor beds of chert, diss po with minor mafic beds. Sandstone grading down hole to more mafic and chery intervals. Chert-po beds dip 20tca suggesting dip of units here is to the west. Local granitic dykes, network of po and blue qtz etes. Lower contact unknown
30.00	50.00	**V3, Volcanic Mafic** Intermediate to mafic amphibolite, possible volcanic. Completely recrystallized and foliated.
50.00	54.00	**I2a, Intrusive Intermediate Diorite** Homogeneous biotite qtz feldspar diorite/tonalite

Assay Data

Sample Number	From	To	Length	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
842499	20.50	21.00	0.50	0.01	0.01	0.30	0.02
842501	21.00	21.50	0.50	0.02	0.01	0.90	0.01
842502	21.50	22.00	0.50	0.01	0.01	0.60	0.01
842503	22.00	22.50	0.50	0.03	0.01	0.60	0.01
842504	22.50	23.00	0.50	0.01	0.01	0.15	0.00
842505	23.00	23.50	0.50	0.01	0.01	0.15	0.00
842506	23.50	24.00	0.50	0.01	0.04	0.30	0.01
842507	24.00	24.50	0.50	0.01	0.01	0.30	0.00
842508	24.50	25.00	0.50	0.01	0.01	0.15	0.00
842509	25.00	25.50	0.50	0.01	0.01	0.30	0.00
842511	25.50	26.00	0.50	0.02	0.01	0.50	0.01
842512	26.00	26.50	0.50	0.01	0.01	0.15	0.00
842513	26.50	27.00	0.50	0.01	0.01	0.15	0.00
842514	27.00	27.50	0.50	0.01	0.01	0.40	0.00
842515	27.50	28.00	0.50	0.01	0.02	0.15	0.00
842516	28.00	28.50	0.50	0.01	0.01	0.15	0.00
842517	28.50	29.00	0.50	0.01	0.03	0.15	0.00
842518	29.00	29.50	0.50	0.02	0.01	0.30	0.01
451638	38.50	38.70	0.20	0.00	0.01	0.03	

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
451637	12.00	12.20	0.0060	0.0072	0.0250	
842489	16.00	16.50	0.0063	0.0039	0.4000	0.0025
842490	16.50	17.00	0.0031	0.0032	0.4000	0.0025
842491	17.00	17.50	0.0046	0.0051	0.1500	0.0025
842492	17.50	18.00	0.0067	0.0056	0.4000	0.0025
842493	18.00	18.50	0.0031	0.0070	0.1500	0.0025
842494	18.50	19.00	0.0043	0.0083	0.1500	0.0025
842495	19.00	19.50	0.0197	0.0060	0.7000	0.0025
842496	19.50	20.00	0.0430	0.0043	1.1000	0.0060
842497	20.00	20.50	0.0554	0.0040	1.5000	0.0240
842499	20.50	21.00	0.0071	0.0070	0.3000	0.0210
842501	21.00	21.50	0.0211	0.0056	0.9000	0.0130
842502	21.50	22.00	0.0111	0.0076	0.6000	0.0050
842503	22.00	22.50	0.0273	0.0063	0.6000	0.0070

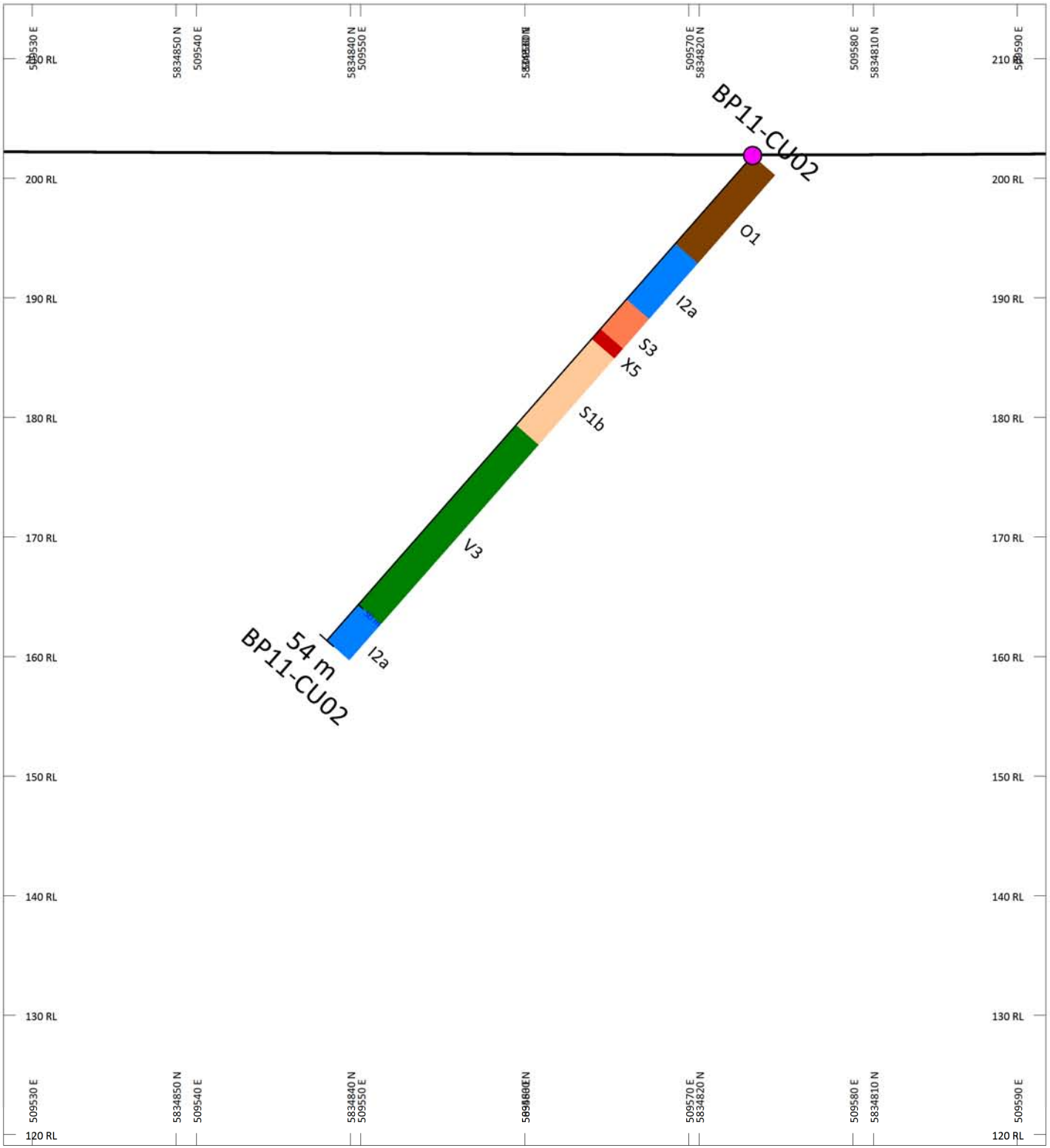
DETAILED LOG

Hole Number: **BP11-CU02**

Units: METRIC

Samples

Sample Number	From	To	Cu_pct_FINAL	Zn_pct_FINAL	Ag_ppm_Lab	Au_ppm_FINAL
Sample Type **Assay**						
842504	22.50	23.00	0.0058	0.0077	0.1500	0.0025
842505	23.00	23.50	0.0071	0.0059	0.1500	0.0025
842506	23.50	24.00	0.0097	0.0382	0.3000	0.0050
842507	24.00	24.50	0.0087	0.0121	0.3000	0.0025
842508	24.50	25.00	0.0083	0.0119	0.1500	0.0025
842509	25.00	25.50	0.0075	0.0095	0.3000	0.0025
842511	25.50	26.00	0.0218	0.0060	0.5000	0.0110
842512	26.00	26.50	0.0075	0.0078	0.1500	0.0025
842513	26.50	27.00	0.0094	0.0094	0.1500	0.0025
842514	27.00	27.50	0.0126	0.0098	0.4000	0.0025
842515	27.50	28.00	0.0099	0.0180	0.1500	0.0025
842516	28.00	28.50	0.0085	0.0136	0.1500	0.0025
842517	28.50	29.00	0.0079	0.0281	0.1500	0.0025
842518	29.00	29.50	0.0165	0.0080	0.3000	0.0050
451638	38.50	38.70	0.0012	0.0051	0.0250	



NORONT

TOPOGRAPHY

Elevation_all.GRD

ROCK CODES Lith	PAT	LABEL
		Diorite
		Overburden
		Felsic sandstone
		Mafic sediments
		Mafic volcanics
		Semi-massive sulfides

POSTED TEXT	L/R	TEXT	ITEMS
Lith	R	-------	All

SECTION SPECS:

REF. PT. E, N	509560 m	5834830 m
EXTENTS	87.2 m	95.45 m
SECTION TOP, BOT	214.5 m	119.1 m
TOLERANCE +/-	25 m	

SCALE 1 : 500

(m)

-4 0 4 8 12 16

NAD83 / UTM zone 16N

AZIMUTH = 133.27°

N W E S

Butler Property

Cross-Section

Butler 10

BP11-CU02

Quality Analysis ... *Innovative Technologies*

Date Submitted: 07-Jun-18
Invoice No.: A18-07456
Invoice Date: 29-Jun-18
Your Reference:

Noront Resources Ltd.
212 King St. W, Suite 501
Toronto ON M5H 1K5
Canada

ATTN: GIS+Database Manager Matt Downey (Inv/res)

CERTIFICATE OF ANALYSIS

18 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-ICP Tbay Au-Fire Assay ICPOES 30g

Code 1F2-Tbay Total Digestion ICP(TOTAL)

REPORT **A18-07456**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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		Ag_ppm _TD-ICP	Al_%_TD -ICP	As_ppm_ TD-ICP	Ba_ppm _TD-ICP	Be_ppm _TD-ICP	Bi_ppm_ TD-ICP	Ca_%_T D-ICP	Cd_ppm _TD-ICP	Co_ppm _TD-ICP	Cr_ppm_ TD-ICP	Cu_ppm _TD-ICP	Fe_%_T D-ICP	Ga_ppm _TD-ICP	Hg_ppm _TD-ICP	K_%_TD -ICP	Mg_%_T D-ICP	Li_ppm_ TD-ICP	Mn_ppm _TD-ICP	Mo_ppm _TD-ICP	Na_%_T D-ICP	Ni_ppm_ TD-ICP	P_%_TD -ICP
113456	O	0.7	5.12	4	164	1	< 2	2.27	0.8	28	37	521	9.34	20	< 1	0.73	3.02	16	2340	2	0.29	4	0.043
113457	O	0.9	4.92	4	66	1	< 2	2.63	0.6	42	21	776	9.49	19	< 1	0.38	2.72	12	2530	2	0.35	4	0.036
113458	O	1.9	1.91	7	< 7	< 1	5	8.54	0.8	27	7	1780	13.3	12	1	0.03	7.95	1	3040	2	0.14	3	0.033
113459	O	3.0	3.37	6	< 7	< 1	< 2	7.05	2.8	40	5	2350	13.1	17	< 1	0.03	6.17	1	2560	1	0.13	2	0.027
113460	O	0.8	5.70	1030	577	1	< 2	2.28	0.4	11	60	40	4.98	14	< 1	1.39	1.05	22	591	542	1.75	34	0.054
113461	O	1.4	1.07	5	< 7	1	3	8.39	27.8	50	7	1420	19.5	7	1	0.02	5.81	< 1	2220	16	0.07	4	0.008
113462	O	31.9	3.08	6	< 7	< 1	85	6.40	19.2	100	4	1570	17.2	16	< 1	0.02	5.57	3	2340	39	0.09	2	0.022
113463	O	3.0	4.40	5	< 7	< 1	< 2	5.99	0.6	80	5	4040	15.2	20	3	0.03	5.20	7	2580	1	0.14	4	0.018
113464	O	0.8	6.39	< 3	84	< 1	< 2	0.84	< 0.3	7	12	166	6.31	19	< 1	0.68	3.46	25	1130	< 1	0.16	< 1	0.039
113465	O	0.7	4.96	< 3	153	1	< 2	1.76	0.5	7	16	128	7.03	19	< 1	0.74	4.03	48	1470	1	0.16	2	0.033
113466	O	0.8	5.01	6	51	< 1	< 2	1.68	< 0.3	7	22	423	7.56	22	< 1	0.43	3.53	44	932	2	0.16	1	0.038
113467	O	0.7	5.17	3	62	< 1	< 2	0.96	< 0.3	5	15	334	7.82	22	< 1	0.49	3.53	52	506	1	0.13	3	0.035
113468	O	0.8	5.37	< 3	98	< 1	< 2	0.43	< 0.3	6	17	265	7.21	20	< 1	0.68	3.03	38	481	1	0.11	2	0.040
113469	O	0.8	5.48	< 3	114	2	< 2	0.29	< 0.3	6	19	100	7.06	18	< 1	0.71	2.90	37	595	1	0.10	< 1	0.043
113470	O	0.4	6.25	< 3	685	< 1	< 2	1.81	< 0.3	6	23	91	1.90	18	< 1	1.82	0.59	30	302	2	2.22	13	0.035
113471	O	0.7	5.45	< 3	116	< 1	< 2	0.55	< 0.3	5	18	141	7.45	19	< 1	0.59	3.06	36	792	2	0.11	< 1	0.042
113472	O	0.4	0.42	3	9	< 1	< 2	0.09	< 0.3	4	56	694	3.25	2	< 1	0.04	0.34	1	291	4	0.01	4	0.001
113473	O	0.9	5.28	< 3	30	1	< 2	1.67	< 0.3	7	21	472	9.54	22	2	0.23	3.96	28	1160	2	0.13	2	0.044
CZN-3	LABSTD																						
SDC-1	LABSTD		7.75	< 3	711	3		1.16		18	38	29	4.81	21	1	1.67	1.03	35	900		1.43	35	0.057
OREAS 14P	LABSTD									636		9260	31.5									> 10000	
MP-1b	LABSTD																						
DNC-1a	LABSTD				110					55	160	102		13				5				247	
CCU-1d	LABSTD																						
CPB-2	LABSTD																						
OREAS 904 (4 ACID)	LABSTD	1.0	6.06	109	237	10	< 2	0.05		96	52	6240	6.73	17		1.78	0.58	17	446	3	0.04	43	0.100
SBC-1	LABSTD			26	902	3	< 2		< 0.3	24	74	34		27				168		3		84	
PTC-1b	LABSTD																						
OREAS 214	LABSTD																						
OREAS 218	LABSTD																						
113464	LABDUP	0.7	7.76	< 3	85	< 1	< 2	0.86	< 0.3	6	12	164	6.30	20	< 1	0.79	3.61	26	1110	< 1	0.16	< 1	0.039
113467	LABDUP																						

	Pb_ppm _TD-ICP	Sb_ppm _TD-ICP	S_%_TD -ICP	Sc_ppm_ TD-ICP	Sr_ppm_ TD-ICP	Te_ppm_ TD-ICP	Ti_%_TD -ICP	Tl_ppm_ TD-ICP	U_ppm_ TD-ICP	V_ppm_ TD-ICP	W_ppm_ TD-ICP	Y_ppm_ TD-ICP	Zn_ppm_ TD-ICP	Zr_ppm_ TD-ICP	Pb_%_4 Acid ICPOES	Zn_%_4 Acid ICPOES	Au_ppb_ FA-ICP
113456	31	< 5	2.01	10	15	< 2	0.27	< 5	< 10	7	8	33	704	256			< 2
113457	62	< 5	3.62	10	19	8	0.26	< 5	< 10	6	7	41	563	250			< 2
113458	98	< 5	6.51	< 4	6	3	0.07	< 5	< 10	6	11	14	755	57			19
113459	125	< 5	5.37	5	9	4	0.14	< 5	< 10	6	15	20	1400	105			15
113460	19	11	0.75	11	307	3	0.33	< 5	< 10	177	13	14	66	65			5110
113461	28	< 5	11.3	< 4	4	9	0.05	< 5	< 10	6	26	9	> 10000	38		1.38	9
113462	> 5000	< 5	7.47	5	8	14	0.14	< 5	< 10	5	22	18	7870	116	0.568		11
113463	44	< 5	7.29	8	10	5	0.21	< 5	< 10	8	15	25	884	193			3
113464	38	< 5	0.61	13	13	< 2	0.29	< 5	< 10	5	< 5	42	217	268			< 2
113465	38	< 5	0.41	10	22	< 2	0.27	< 5	< 10	6	< 5	32	212	267			< 2
113466	38	< 5	0.86	11	17	7	0.28	< 5	< 10	5	< 5	31	163	267			4
113467	37	< 5	0.47	10	12	< 2	0.29	< 5	< 10	5	< 5	27	107	271			< 2
113468	13	< 5	0.49	11	8	< 2	0.30	< 5	< 10	6	< 5	29	59	284			< 2
113469	8	< 5	0.36	11	8	< 2	0.31	< 5	< 10	5	< 5	28	69	290			< 2
113470	< 3	< 5	0.06	5	122	< 2	0.22	< 5	< 10	32	< 5	7	12	119			18
113471	8	< 5	0.37	11	11	2	0.31	< 5	< 10	9	< 5	27	102	288			< 2
113472	10	< 5	0.93	< 4	1	5	0.03	< 5	< 10	7	< 5	5	130	36			5
113473	5	< 5	0.80	10	11	6	0.28	< 5	< 10	9	< 5	26	132	270			2
CZN-3															0.112	51.5	
SDC-1	20	< 5		15	185		0.14	< 5	< 10	37	< 5		109	40			
OREAS 14P																	
MP-1b															2.09	16.6	
DNC-1a	4	< 5		27	134		0.30			128		16	61	34			
CCU-1d															0.263	2.63	
CPB-2															63.8	6.28	
OREAS 904 (4 ACID)	15	< 5	0.06	11	31			< 5	< 10	78	< 5	37	29	188			
SBC-1	31	< 5		18	185		0.56	< 5	< 10	199	8	31	199	116			
PTC-1b															0.084	0.218	
OREAS 214																	2850
OREAS 218																	531
113464	38	< 5	0.60	15	13	< 2	0.29	< 5	< 10	6	< 5	55	210	269			
113467																	< 2

Appendix 3

Butler Program
Noront rock code legend

Noront Rock Code Legend

Type		Class		Specific	
P	Paleozoic	1	Carbonate	a	Limestone
				b	Mudstone
				c	Sandstone
				d	Dolostone
S	Sedimentary	1	Felsic	a	conglomerate
				b	sandstone
				c	siltstone
				d	mudstone
				e	chert
				f	carbonate
		2	Intermediate	a	conglomerate
				b	sandstone
				c	siltstone
				d	mudstone
				e	chert
		3	Mafic	a	conglomerate
				b	sandstone
				c	siltstone
				d	mudstone
				e	chert
		4	Ultramafic	a	conglomerate
				b	sandstone
				c	siltstone
				d	mudstone
				e	chert
		5	Other	a	silica iron formation
				b	oxide iron formation
				c	sulfide iron formation
				d	carbonate iron formation
				e	chlorite garnet iron formation
V	Volcanic	1	Felsic	a	rhyodacite - massive
				b	rhyodacite - brecciated
				d	rhyodacite - fragmental (lapilli tuff)
				e	rhyodacite - fragmental (ash tuff)
				f	quartz-feldspar porphyry
				g	lapilli tuff
				h	epiclastic
		2	Intermediate	a	andesite-massive
				b	andesite brecciated
				c	andesite-pillowed
				d	andesite-(volcaniclastic: lapilli tuff)
				e	andesite-(volcaniclastic: ash tuff)
		3	Mafic	a	basalt - massive
				b	basalt - variolitic
				c	basalt - pillowed
				d	breccia - transported (volcaniclastic)
				e	breccia - insitu
		4	Ultramafic	a	komatiite - spinifex
				b	komatiite - massive

Noront Rock Code Legend

Type		Class		Specific	
I	Intrusive	1	Felsic	a	Granite
				b	Tonalite
				c	Granodiorite
				d	Aplite (Felsic dyke)
				e	Feldspar Porphyry
				f	Quartz Diorite
				h	Quartz Syenite
				i	Magmatic Breccia
		2	Intermediate	a	Diorite
				b	Monzodiorite
				c	Syenite
				d	Intermediate dyke
				e	Feldspar Porphyry
				f	Magmatic Breccia
		3	Mafic	a	Leucogabbro
				b	Gabbro
				c	Diabase
				d	Mafic dyke
				e	Ferrogabbro
				f	Melagabbro
				i	Anorthosite
				j	Biotite gabbro
				k	Olivine gabbro
				l	Magmatic Breccia
		4	Ultramafic	a	Pyroxenite
				b	Olivine pyroxenite
				c	Websterite
				d	Peridotite
				e	Feldspathic peridotite
				f	Dunite
				g	Lamprophyre
				h	Magmatic Breccia
X	Mineralization	1	Disseminated	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite
				h	Magnetite
		2	Stringer	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite
				h	Magnetite
		3	Banded	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite

Noront Rock Code Legend

Type		Class		Specific	
X	Mineralization (con't)	4	Net textured	a	Ni-Cu sulfide
		5	Semi-massive	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite
				h	Magnetite
		6	Massive	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite
				h	Magnetite
		7	Breccia	a	Ni-Cu sulfide
				b	Cu-Zn sulfide
				c	Cu rich sulfide
				d	Zn rich sulfide
				e	Pyrite
				f	Pyrrhotite
				g	Chromite
F	Structure	1	Shear	a	talc-carbonate
				b	silicified
				c	quartz-carbonate
				d	mylonite
				e	phyllonite
				f	chlorite +/- talc +/- tremolite
		2	Fault	a	gouge
				b	breccia
A	Alteration	1	Chlorite		
		2	Carbonate		
		3	Talc		
		4	Magnetite-talc		
		5	Magnetite-chlorite		
		6	silica	a	stockwork veining
				b	massive vein
				c	pervasive
		7	Potassic		
		8	Epidote		
		9	Hematite		
		10	Serpentine		
		11	Garnet		
		12	Sericite		

Noront Rock Code Legend

Type		Class		Specific	
M	Metamorphic	1	Felsic	a	
				b	Gneiss
				c	Granulite
				d	Hornfels
				f	Migmatite
				g	Schist
		2	Intermediate	a	
				b	Gneiss
				c	Granulite
				d	Hornfels
				f	Migmatite
				g	Schist
		3	Mafic	a	
				b	Gneiss
				c	Granulite
				d	Hornfels
				f	Migmatite
				g	Schist
		4	Ultramafic	a	
				b	Gneiss
				c	Granulite
				d	Hornfels
				f	Migmatite
				g	Schist
Q	Veining	1	Quartz		
		2	Carbonate		
		3	Magnesite		
O	Overburden	1	Unclassified		
		2	Boulders		
		3	Gravel		
		4	Sand		
		5	Silt		
		6	Clay		
		7	Mud		
		8	Organics/Peat		
		9	Regolith		
		10	Till		
LC	Lost Core				
WD	Wedge				
Kimb	Kimberlite				

Appendix 4

Butler Program
Geological Mapping Data

Master outcrop table
Master table of traverses
Master sample list
Master plan maps
Traverse maps with outcrops
Actlabs assay certificate A18-08009

2018 Butler Geological Mapping - Detailed Outcrop Log

Outcrop_I	UTM_E	UTM_N	Claim	Cell	Township	Geo	Date	Traverse_ID	Lith_code_1s	Lith_code_2n	Lith_code_3r	Altn_code	Minlzn_cod	Foln_Strik	Foln_Di	Rep_Y_	Photo_Y_	Description
BL01MD	512230	5842864	292029	43D10K069	BMA 526 864	MD	20180607	20180607MD	I3e	I3a		Chl		190	0	y	y	Medium to coarse grained, grey-white, massive, non-magnetic leucogabbro. Appears weakly layered. Mafics increase and occur is circular clots similar to whats seen in ferrogabbro drill core. Cross cut by fg, massive, magnetic, chlorite altered gabbro.
BL02aMD	512202	5842559	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3a	I3e						n	n	Meium to coarse grained, grey-white, massive anorthosite to ferrogabbro. Variable magnetics. Plagiclase recesively weathered leaving mafics as protruding nubs.
BL02bMD	512295	5842558	236821	43D10K090	BMA 526 864	MD	20180607	20180607MD	I3f				cpy-py			y	n	Medium grained, dark grey, magnetic melagabbro. Weathered surface dark green. Crosscut by narrow aplite dykes trending at 080.
BL03MD	512186	5842465	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3a	I3e						n	n	Medium grained gabbroic intrusion. Weakly layered with anorthositic layers and ferrogabbroic layers. Variably magnetic. Plagioclase recesively weathered with mafic standing out as nubs. Narrow bull white quartz vein occuring at 080 with strong bleach
BL04MD	512003	5842539	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3a					10	0			Medium grained, light grey-white, non-magnetic anorthosite gabbro. Fg gneissic bands with biotite alighned parallel to foliation.
BL05MD	511813	5842370	181393	43D10K088	BMA 526 864	MD	20180607	20180607MD	I3a	I3e								Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL06MD	511685	5842317	181393	43D10K088	BMA 526 864	MD	20180607	20180607MD	I3a									Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL07MD	511609	5842272	181393	43D10K088	BMA 526 864	MD	20180607	20180607MD	I3a									Medium grained, massive, white, grey, green diorite to leucogabbro. Non-Magnetic. Knobby texture.
BL08MD	511403	5842299	215897	43D10K088	BMA 526 864	MD	20180607	20180607MD	I3a									Medium grained, massive, white, grey, green diorite to leucogabbro. Non-Magnetic. Knobby texture.
BL09MD	511547	5842153	342917	43D10K108	BMA 526 864	MD	20180607	20180607MD	I2a									Medium grained, massive, white, grey, green diorite to leucogabbro. Non-Magnetic. Knobby texture.
BL10MD	512064	5842149	235962	43D10K109	BMA 526 864	MD	20180607	20180607MD	I3a									Medium to coarse grained, grey-white, non-magnetic anorthositic gabbro.
BL11MD	512125	5842285	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3e	I3a								Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL12MD	512143	5842333	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3a									Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL13MD	512207	5842305	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3e									Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL14MD	512236	5842268	181392	43D10K089	BMA 526 864	MD	20180607	20180607MD	I3a									Medium to coarse grained, massive, white-grey anorthositic gabbro. Pyroxene clots protrude from the surface with plagoclase recesively weathered. Pyroxene appers partialy altered to amphibole.
BL15MD	512308	5842314	236821	43D10K090	BMA 526 864	MD	20180607	20180607MD	I3b									Fine to medium grained, non-magnetic leucogabbro to gabbro.
BL16MD	512625	5842369	236821	43D10K090	BMA 526 864	MD	20180607	20180607MD	I3f									Medium grained, dark grey, magnetic melagabbro. Weathered surface dark green. Crosscut by narrow aplite dykes trending at 080.
BL17MD	512429	5843888	340491	43D10K030	BMA 526 864	MD	20180608	20180608MD	V1e					7	0			Fine grained, massive, abundant biotite aligned to define foliation. Cg porphrytic feldspar throughout. Non-magnetic. Crystal Tuff?
BL18MD	512331	5843777	340491	43D10K030	BMA 526 864	MD	20180608	20180608MD	I3e									Medium to coarse grained, massive, grey pyroxenitic ferrogabbro. Moderate to strongly magnetice.
BL19MD	511954	5844012	245562	43D10K029	BMA 526 864	MD	20180608	20180608MD	I3a	I3e								Medium to coarse grained, massive, white-grey anorthositic gabbro. Layered with medium to coarse grained, massive, grey pyroxenitic ferrogabbro. Abundance of pyroxene increases in layers to the west until basal pyroxene rich ferro gabbro.

2018 Butler Geological Mapping - Detailed Outcrop Log

Outcrop_I	UTM_E	UTM_N	Claim	Cell	Township	Geo	Date	Traverse_ID	Lith_code_1s	Lith_code_2n	Lith_code_3r	Altn_code	Minlzn_cod	Foln_Strik	Foln_Di	Rep_Y_	Photo_Y_	Description
BL20MD	511553	5844677	253632	43D15C388	BMA 527 864	MD	20180608	20180608MD	I3b									Fine grained, massive, grey non-magnetic gabbro. Very hard with angular edges to outcrop.
BL21MD	511497	5844706	253632	43D15C388	BMA 527 864	MD	20180608	20180608MD	V3a					5	0			Fg, strongly foliated, grey white basalt. Non-magnetic. Biotite rich with biotite aligned parallel to foliation. Surface very soft, Bi alt. to Chl? Foliation at 005.
BL22MD	511588	5844716	253632	43D15C388	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL23MD	511578	5844812	253632	43D15C388	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL24MD	511452	5845135	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL25MD	511485	5845283	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL26MD	511501	5845371	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL27MD	511547	5845378	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL28MD	511583	5845346	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL29MD	511626	5845270	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL30MD	511640	5845334	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL31MD	511659	5845381	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL32MD	511729	5845373	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I3b									Fg, weakly foliated, grey, non-magnetic gabbro.
BL33MD	511781	5845328	207153	43D15C368	BMA 527 864	MD	20180608	20180608MD	I1c					70	0			Fg, weakly foliated, white/pink granodiorite. Non-magnetic. Biotite rich. Biotite aligned parallel to folaition.
BL34MD	511851	5845171	239809	43D15C369	BMA 527 864	MD	20180608	20180608MD	Migmatite									Old basement lithology? Migmatite shollen or raft texture. Mafic blocks with felsics squished out in between.
BL35MD	511878	5845119	239809	43D15C369	BMA 527 864	MD	20180608	20180608MD	I3b									FG, weakly foliated, grey, non-magnetic gabbro.
BL36MD	515008	5836754	315754	43D10K336	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL37MD	515084	5836861	315754	43D10K336	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL38MD	515244	5837046	249802	43D10K337	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL39MD	515182	5837059	315754	43D10K336	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL40MD	515103	5837195	331397	43D10K316	BMA 526 864	MD	20180609	20180609MD	S3c									Small flat outcrop. Massive, fg, grey-green magnetic siltstone to sandstone. Blebby cubic pyrite occurs along fracture planes. Cross cut by pegmatitic diorite trending at 020.
BL41MD	515044	5837249	331397	43D10K316	BMA 526 864	MD	20180609	20180609MD	S3c									Small flat outcrop. Massive, fg, grey-green magnetic siltstone to sandstone. Blebby cubic pyrite occurs along fracture planes. Cross cut by pegmatitic diorite trending at 055.
BL42MD	515080	5838682	277971	43D10K256	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL43MD	515210	5838554	114733	43D10K257	BMA 526 864	MD	20180609	20180609MD	I1c									Medium grained, white-pink-green, non-magnetic, massive granodiorite. Likely related to large batholiths on either side of supercrustal raft.
BL44MD	510570	5835662	241817	43D10K386	BMA 526 864	MD	20180610	20180610MD	S3b	S3c	I3a							Massive, fg, grey-green non-magnetic siltstone to sandstone. Strong folation at 0. Localized garnet.
BL45MD	510771	5835725	261864	43D10K366	BMA 526 864	MD	20180610	20180610MD	S3d	S3c								Massive, fg, grey-green magnetic siltstone to sandstone. Strongly foliated at 005. Cross cut by mg diorite parallel to foliation.
BL46MD	510775	5835790	261864	43D10K366	BMA 526 864	MD	20180610	20180610MD	S3c	S3d								Massive to thinly beded mafic quartzite. Massive bed on eastern edge. Thinly bedded to the west. Medium grained diorite with xenoliths of sedimentry units. Strongly foliated/bedded at 005.
BL47MD	510924	5835604	241817	43D10K386	BMA 526 864	MD	20180610	20180610MD	S3c	S3b	I2a							Massive to thinly beded mafic sandstone to siltstone rafts within diorite.
BL48MD	510890	5835531	241817	43D10K386	BMA 526 864	MD	20180610	20180610MD	S3b	S3c								Massive to thinly beded mafic sandstone to siltstone.
BL49MD	517186	5835734	124185	43D10J361	BMA 526 863	MD	20180611	20180611MD	S3c	S1b				290	0			Vfg, magnetic, bedded to massice mafic siltstone. Bedding @ 290. Possible gradded beds indicating north upwards. Cut by massive medium to coarse grained diorite.
BL50MD	517133	5835747	124185	43D10J361	BMA 526 863	MD	20180611	20180611MD	S3c	S1b	I2a							Vfg, magnetic, bedded to massice mafic siltstone. Bedding @ 290.

2018 Butler Geological Mapping - Detailed Outcrop Log

Outcrop_I	UTM_E	UTM_N	Claim	Cell	Township	Geo	Date	Traverse_ID	Lith_code_1s	Lith_code_2n	Lith_code_3r	Altn_code	Minlzn_cod	Foln_Strik	Foln_Di	Rep_Y_	Photo_Y_	Description
BL51MD	517160	5836096	124185	43D10J361	BMA 526 863	MD	20180611	20180611MD	I2a	I1c								Medium grained, white-pink-green, non-magnetic, massive granodiorite.
BL01RW	513002	5843086	205798	43D10K071	BMA 527 864	RW	20180607	20180607RW	V2ac			chl-gt-mt		160	80	y	y	lg exp on S end of lake with chl-gt-mt alt'd coarse felsic-in lap-tuff interlayered with finer ash tuff. 1m wide mafic volc dyke trending 110/-70. Rare 5-10cm qz veins trending 065/-65.
BL02RW	512948	5843229	265132	43D10K051	BMA 526 864	RW	20180607	20180607RW	V2a			anth		200	60	y	y	lg exp on w. side of lake, mcg radiating anth throughout. Local pillow textures, amygdules and flow breccias suggest andesite flow rock
BL03RW	512898	5843390	265132	43D10K051	BMA 526 864	RW	20180607	20180607RW	V2	V1		anth(str)				y	y	sml o/c W of lake, str anth alt'd volcanic (unknown protolith but likely int/felsic flow0. v.wk mag. minor qz veins 910-20cm) trending 180/-90 or 054/-65.
BL04RW	512845	5843630	290138	43D10K031	BMA 526 864	RW	20180607	20180607RW	V1h	V2		anth		140	80	y	y	smal o/c on W side of pond. combination of cg anth-alt'd volcanic & fg siliecous non-mag felsic tuff
BL05RW	513344	5843299	265131	43D10K052	BMA 526 864	RW	20180607	20180607RW	V1e							y	y	sml flat o/c of fg pink-tan weathered massive siliceous dacite(?). non-mag. d.grey fresh surface. sub-parallel irreg frac pattern @ 300deg. minor thin qz vls cut & displaced by late hairline fractures
BL06RW	513109	5842998	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V			anth(str)				n	n	sml o/c of cg anth alt'd rock (intrusive?)
BL07RW	513087	5843000	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V1g			chl-mt		160	70	y	y	med size o/c of well exposed cg felsic lap-tuff, well foliated, with wavy crenulations @ 240deg. mod mag, chl altd
BL08RW	513056	5843010	304156	43D10K071	BMA 526 864	RW	20180607	20180607RW	V1g/V2c	V2a		anth(str)				y	y	lg o/c continuous from last of mixed fel/int tuff/lap-tuff & cg anth-alt'd int flow/intr (still unsure of protolith of this unit). shrp ct observed between this unit & tuff @ 160/vert
BL09RW	513037	5842974	304156	43D10K071	BMA 526 864	RW	20180607	20180607RW	V2a			gt-chl-mt-				R	y	lg o/c of cg amyg andesite flow, gt-chl-anth-mt alt'd. patchy mcg oval qz amyg and possible pillows. loads of gt, rare blue qz xstals
BL10RW	513082	5842955	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V2a	V1gh		anth-gt				y	y	huge o/c, continuation from before, mixed cg anth alt'd int flow & fg felsic ash to fel/int lap-tuff. local cg gt
BL11RW	513114	5842929	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V2a			anth(str)					y	sml o/c of cg anth-rich int flow, w.mag
BL12RW	513173	5842894	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V2a	V3f		anth-chl-g				y	y	med sized o/c of chl-gt alt'd schist & mcg anth alt'd int flow(?), w-mod mag
BL13RW	513110	5842866	181377	43D10K072	BMA 526 864	RW	20180607	20180607RW	V2a			anth				n	n	sml o/c of anth alt'd non-mag int flow(?)
BL14RW	513072	5842842	304156	43D10K071	BMA 526 864	RW	20180607	20180607RW	V2a			anth				n	n	sml o/c of cg anth alt'd int volc, non-mag
BL15RW	513083	5842736	304156	43D10K071	BMA 526 864	RW	20180607	20180607RW	V2a	V1h	V3f	anth-chl				y	y	huge o/c ridge of dominantly cg anth alt'd int flow, lesser fg felsic tuff and chl schist. sml qz veins (sampled)
BL16RW	513062	5842597	136187	43D10K091	BMA 526 864	RW	20180607	20180607RW	V1g	V2a		anth				y	y	lg N-S ridge of felsic lap-tuff & lesser cg anth alt'd int flow. non-mag. locally abundant amyg patches and fragments
BL17RW	513044	5842380	136187	43D10K091	BMA 526 864	RW	20180607	20180607RW	V1hg							n	n	lg N-S ridge of felsic tuff/lap-tuff
BL18RW	513207	5842359	136186	43D10K092	BMA 526 864	RW	20180607	20180607RW	V2c			mt-chl				n	y	mt-chl alt'd cg int lap-tuff
BL19RW	516036	5844097	248074	43D10K019	BMA 526 864	RW	20180608	20180608RW	I1ac							y	y	large boulder field of non-mag, unalt'd angular v.large bldrs of granite to diorite to granodiorite
BL20RW	516112	5844126	248074	43D10K019	BMA 526 864	RW	20180608	20180608RW	I1a							n	n	2 lg granite boulders
BL21RW	516323	5844491	287195	43D15C399	BMA 527 864	RW	20180608	20180608RW	I1a	I2a						y	n	lg angular bldr field of mcg granit/diorite & felsic/int gneiss
BL22RW	516461	5844602	328544	43D15C400	BMA 527 864	RW	20180608	20180608RW	I2a							y	y	edge of river, abundant v.angular lg boulders of mcg fpr-porph diorite. non-mag. minor chl-alt'd mafics.
BL23RW	516310	5844617	287195	43D15C399	BMA 527 864	RW	20180608	20180608RW	I1b	V1e							y	sml bldr field of lg angular mcg fpr-proph tonalit/diorite with rare bldrs of flow-banded dac/rhy. first appearance of volcanics, intrusives are porph
BL24RW	516275	5844896	287195	43D15C399	BMA 527 864	RW	20180608	20180608RW	V1e							n	n	single large rounded bldr of weakly alt'd dacite
BL25RW	516332	5845040	232721	43D15C379	BMA 527 864	RW	20180608	20180608RW	V1							y	y	W edge of river, large blocky bldrs of fg pink-grey felsic volcn, possible flow txts
BL26RW	516220	5845086	232721	43D15C379	BMA 527 864	RW	20180608	20180608RW	V1			chl-qz-cct	pyr			y	y	4x4m flat bldr of str shr'd felsic volcanic with discrete chl-cct+/-pyr shears & qz ladder vns perp to shears (could this deform & veining be related to the WB shear?). 2 assays samples taken for gold (#130253, #130254)
BL27RW	516281	5845109	232721	43D15C379	BMA 527 864	RW	20180608	20180608RW	V1h			chl		45	70	y	y	sml flat o/c of well bedded felsic tuff with weak chl altn
BL28RW	516242	5845134	232721	43D15C379	BMA 527 864	RW	20180608	20180608RW	V1e							y	y	huge subcropping field of unalt'd, white weathered siliceous fmg dacite. non-mag

2018 Butler Geological Mapping - Detailed Outcrop Log

Outcrop_I	UTM_E	UTM_N	Claim	Cell	Township	Geo	Date	Traverse_ID	Lith_code_1s	Lith_code_2n	Lith_code_3r	Altn_code	Minlzn_cod	Foln_Strik	Foln_Di	Rep_Y_	Photo_Y_	Description
BL29RW	516268	5845509	329403	43D15C359	BMA 527 864	RW	20180608	20180608RW	I1ac							y	y	W side of river rapids, several large angular bldrs of cg granite/granodiorite gneiss, non-mag
BL30RW	516130	5845743	329403	43D15C359	BMA 527 864	RW	20180608	20180608RW	I3a							y	n	1 lg rounded bldr of fg gabbro/basalt
BL31RW	516188	5845816	329403	43D15C359	BMA 527 864	RW	20180608	20180608RW	V1							n	y	3x3m rounded boulder of felsic gneiss with tight folds (flow-banding?) & shr'd qz vls
BL32RW	516202	5845942	325199	43D15C339	BMA 527 864	RW	20180608	20180608RW	V1e					78	80	y	y	sml o/c in river of strongly re-crystallized & slightly defomred flow-banded and in-situ bx'd dac/rhy. flow banding at 078/-80. unit cut by aplite dyke @ 040-/90. Looks like hunting camp here
BL33RW	515939	5846141	154508	43D15C338	BMA 527 864	RW	20180608	20180608RW	I2b	V1e						y	y	large field of mod sized sub-angular bldrs of intensely sheared kspar-porph monzodiorite. mm-cm scale spaced cleavage (related to WB shear zone?). lesser bldrs of aphanitic grey massive dacite
BL34RW	515773	5845958	154508	43D15C338	BMA 527 864	RW	20180608	20180608RW	V1d			chl		84	80	y	y	lg o/c ridge of tightly fol'd and shr'd felsic tuff/lap-tuff intruded by dacite sills upto 1m wide. Local pumice lapilli. w-mod chl altn throughout.
BL35RW	515488	5842285	133519	43D10K097	BMA 526 864	RW	20180609	20180609RW	I3a							y	y	mcg massive to w.fol'd hbl-plag gabbro, non-mag (looks older than Butler gabbros), cut by thin granitic dykes. glacial striae @ 180deg
BL36RW	516407	5840584	193626	43D10K179	BMA 526 864	RW	20180609	20180609RW	I3f	I1d			pyr	218	70	y	y	med size o/c of well layered fpr-megacrystic melagabbro. layering defined by 0.1-1m bands of non-mag gabbro to megacrystsic gabbro. tr-0.5% pyr. unit cut by late aplite dykes and sills
BL37RW	516416	5840425	193626	43D10K179	BMA 526 864	RW	20180609	20180609RW	V3a			chl		230	90	y	y	v.lg smoothed o/c of v.d.green fg non-basalt, possible flow bx txt locally. glacial straie @ 170. pervasiev chl altn
BL38RW	516408	5840309	193627	43D10K199	BMA 526 864	RW	20180609	20180609RW	V3a	I3a	I1d			238	80	y	y	lg o/c, to N is massive basalt/mafic-tuff fol'd @ 238/-80, to S is interlayered w.mag gabbro, basalt & aplite, with local chl-qz shears. syn-volc mafic dyke (30cm) cuts strat @ 200/-80
BL39RW	516235	5840083	193627	43D10K199	BMA 526 864	RW	20180609	20180609RW	V3a	I3a	I1d			230	90	y	y	huge o/c of dominantly fg basalt with abundant gabbro & late aplite dykes/sills. glacial striae @ 180. gabbro to E is magnetic, aplite dominant in cnetre of o/c
BL40RW	516074	5840187	193627	43D10K199	BMA 526 864	RW	20180609	20180609RW	I3a							y	y	v.lg o/c of coarsely fpr megacrystic non-mag gabbro. o/c is crudely layered with fpr-rich & fpr-poor sections and local pyrox phenos. Sample # 1304257 for wholerock
BL41RW	516039	5840211	250278	43D10K198	BMA 526 864	RW	20180609	20180609RW	I3a							n	y	fg gabbro, non-mag
BL42RW	515994	5840251	250278	43D10K198	BMA 526 864	RW	20180609	20180609RW	V3a					218	80	n	y	fg massive basalt, non-mag
BL43RW	516138	5839804	331851	43D10K219	BMA 526 864	RW	20180609	20180609RW	I3eb							y	y	huge o/c ridge on SE side of lake consisting of mg massive, w-str mag ferrogabbro & gabbro, crude layering defined by variation in mt distribution
BL44RW	516116	5839697	331851	43D10K219	BMA 526 864	RW	20180609	20180609RW	I3e				cpy					sml o/c of mg v.str mag ferrogab with 1 sml bleb of cpy.
BL45RW	516088	5839643	331851	43D10K219	BMA 526 864	RW	20180609	20180609RW	I3ea	V3a				48	80	y	y	sml o/c of layered ferrogabbro-anorthositic gabbro. modal layering points tops to the SE with layering @ 048/-80. mafic/UM portion is str mag. intruding tightly fol'd basalt
BL46RW	515884	5839303	164152	43D10K238	BMA 526 864	RW	20180609	20180609RW	I3ea	I1d						y	y	lg o/c of mcg massive gabbro/ferrogab (non to str mag, coarse modal layering with tops to the NW) cut by shallow dipping (to SE) tonalite sill.
BL47RW	515719	5839149	164152	43D10K238	BMA 526 864	RW	20180609	20180609RW	I3b	I1d						y	y	lg flat o/c of mg massive w-mag gabbro, cut by aplite dyke
BL48RW	512289	5838375	110778	43D10K270	BMA 526 864	RW	20180610	20180610RW	S1bc	S2c				158	90	y	y	huge o/c of white weathered sugary qz-rich magnetic siltst to qzite to dirty siltst (mag). no obvious baeeding (possible hypabyssal intrusion?). minor granite/tonalite dykes. fol@ 158/-90. glacial striae @ 180deg
BL49RW	512121	5838015	343867	43D10K269	BMA 526 864	RW	20180610	20180610RW	S1b/I1b							y	y	lg flat o/c of fmg highly siliceous weakly fol'd non-mag felsic sanddst or dacite/hypabyssal intrsuive. compositionally v.uniform, no obvious bedding. weathered surface is granular qz>fpr. no significant altn. glacial striae @ 180
BL50RW	511936	5837805	257895	43D10K289	BMA 526 864	RW	20180610	20180610RW	V1ef/S1b							y	y	sml o/c on S side of river. fg crystalline microdiorite/qzite (?), non-mag. Up hill larger o/c exposes insitu bx txts (photo) suggesting this unit is volcanic (dacite?)

2018 Butler Geological Mapping - Detailed Outcrop Log

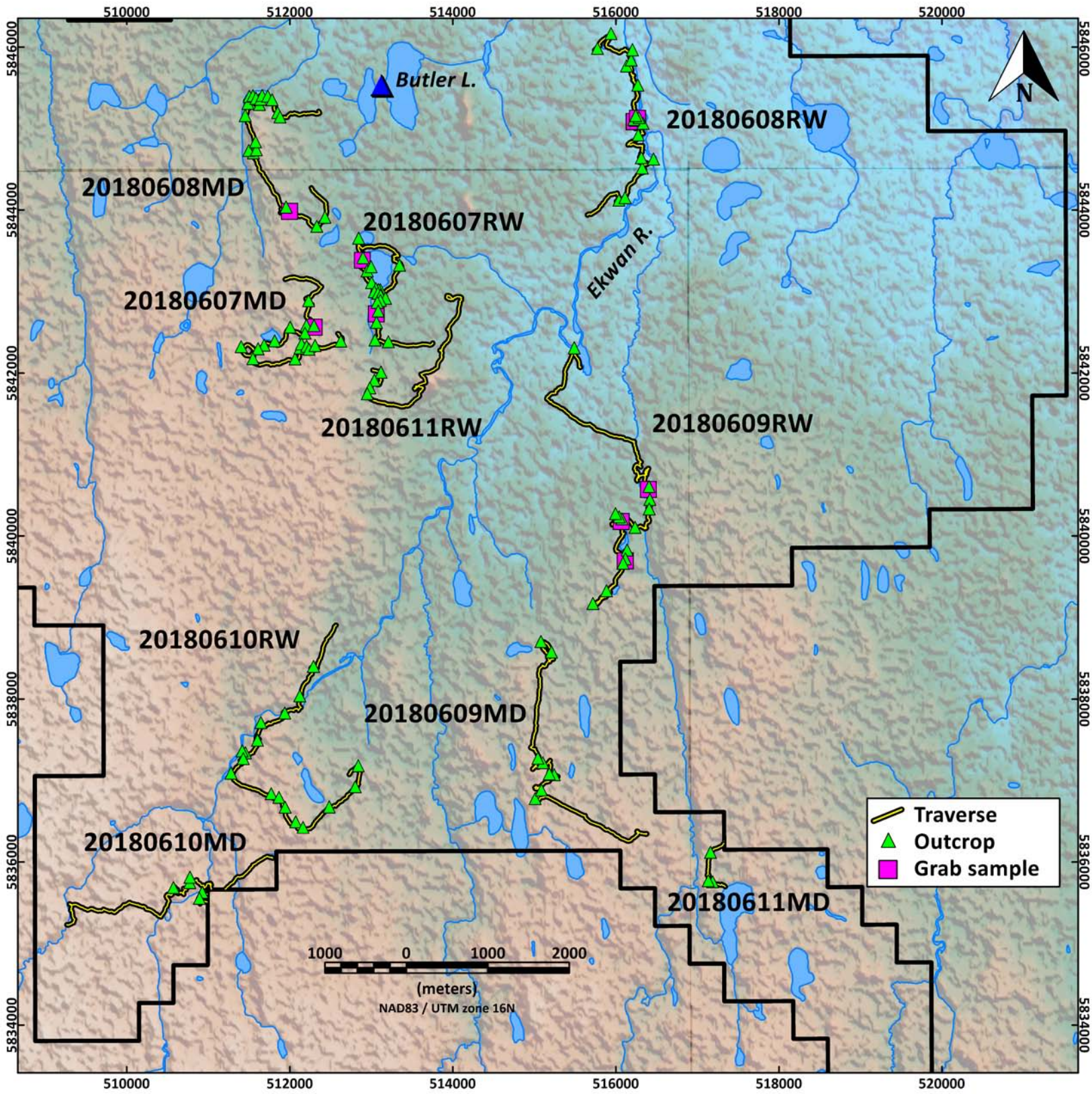
Outcrop_I	UTM_E	UTM_N	Claim	Cell	Township	Geo	Date	Traverse_ID	Lith_code_1s	Lith_code_2n	Lith_code_3r	Altn_code	Minlzn_cod	Foln_Strik	Foln_Di	Rep_Y_	Photo_Y_	Description
BL51RW	511644	5837687	257010	43D10K288	BMA 526 864	RW	20180610	20180610RW	I3a	I1b/S1b						y	n	lg bldr field of mcg anorthosite to leucogabbro and fg tonalite/qz sandst. non mag, tr dissem pyr
BL52RW	511601	5837471	137043	43D10K308	BMA 526 864	RW	20180610	20180610RW	I3bfa	I4a				218	80	y	y	huge o/c ridge exposing coarsely layered non-mag mg pyroxenite, gabbro & anorthosite. cts generally at 218/-80. crude layering of anorthositic & pyroxenitic bands (thin) however most o/c os gab/melagabbro. o/c appear more primitive towards the E.
BL53RW	511455	5837316	137043	43D10K308	BMA 526 864	RW	20180610	20180610RW	I3fe	I1d				190	90	y	y	huge flat o/c of mcg massive to weakly layered melagabbro with minor thin zones of massive mt and wider zones of dissem mt. NE o/c exposes ct with microdiorite/dacite. W o/c exposes ct with microdiorite/dacite @ 190/-90. Late aplite dykes @ 270/-90 &
BL54RW	511416	5837339	137043	43D10K308	BMA 526 864	RW	20180610	20180610RW	I1b/S1b					190	90	y	n	huge o/c on E side of river, continuous from previous o/c. exposed ct between fg white micro-tonalite/qz sandst and pyroxenite to the E
BL55RW	511429	5837245	137043	43D10K308	BMA 526 864	RW	20180610	20180610RW	I3fb	I1b				30	80	n	y	continuation of huge NS ridge, mela- to mesogabbro with microtonalite cutting unit (looks younger than gabbro). Foln in gabbro @ 030/-80. modal layering in gabbro suggest strat tops to W
BL56RW	511277	5837067	315235	43D10K307	BMA 526 864	RW	20180610	20180610RW	I3ef			chl	mt	38	80	y	y	v.str mag & fol'd fmg mela-ferrogabbro. NOTE: str mag units in the gabbro in this areas tend to be finer grained & more chloritic. fol'n @ 38/-80
BL57RW	511772	5836815	292055	43D10K328	BMA 526 864	RW	20180610	20180610RW	S1b/V1d	S2c			mt	230	80	y	y	larege o/c of interlayered mg felsic sandst/rhy tuff & str mag int/mafic siltst. lots of bedding cts here @ 238/-80. Coarse beds (2-5m thick). galcial striae @ 190 deg.
BL58RW	511866	5836770	200874	43D10K329	BMA 526 864	RW	20180610	20180610RW	S1b	S2c	V1cd			256	80	n	y	huge o/c of interbedded qz sandst, fg str mag int/mafic siltst & felsic tuff/lap-tuff. Bedding @ 256/-80. local tight folding
BL59RW	511942	5836649	200874	43D10K329	BMA 526 864	RW	20180610	20180610RW	V1g					214	80	y	y	sml flat o/c of bedded felsic lap-tuff. Bedding @ 214/-80
BL60RW	512071	5836469	217392	43D10K349	BMA 526 864	RW	20180610	20180610RW	I3f							y	y	lg o/c massive, non-mag mg melagabbro (hbl-plag)
BL61RW	512161	5836401	217392	43D10K349	BMA 526 864	RW	20180610	20180610RW	I1c					228	70	y	y	ridge of mcg w.mag granodiorite (looks young), cutting qz sandst (bedded @ 256/-80). granodiorite is weakly fol'd @ 228/-70 and contains xenos of fg gabbro/basalt
BL62RW	512482	5836653	107771	43D10K330	BMA 526 864	RW	20180610	20180610RW	I1c									large ridge of mcg non-mag biotite-granodiorite. Young looking (contains mafic xenolith)
BL63RW	512801	5836899	110779	43D10K331	BMA 526 864	RW	20180610	20180610RW	I1c	S2c				220	80	n	y	ct between cg granodiorite & well bedded w-m mag siltst (bedded @ 220/-80)
BL64RW	512838	5837157	202364	43D10K311	BMA 526 864	RW	20180610	20180610RW	I1c							y	y	lg ridge of cg non-mag granodiorite
BL65RW	513118	5841987	181394	43D10K112	BMA 526 864	RW	20180611	20180611RW	V2a			altn				y	y	sml o/c of cg anth altd int volc, w.mag
BL66RW	513036	5841889	136188	43D10K111	BMA 526 864	RW	20180611	20180611RW	V2a	V1g		anth-mt-gt				y	y	lg o/c of cg anth-mt+/-gt alt'd int flow with local flow top bx and rare felsic lap-tuff
BL67RW	512982	5841794	136188	43D10K111	BMA 526 864	RW	20180611	20180611RW	V2a			anth-gt				y	y	lg o/c of cg anth+/-gt altd int flow, w-non mag, local bx txts and locally qz amygdular
BL68RW	512949	5841723	136188	43D10K111	BMA 526 864	RW	20180611	20180611RW	V1e	V2a		anth				y	y	mod sized o/c of fg dacite (locally amyg) and mcg anth-alt'd int flow
BL69RW	512997	5843280	265132	43D10K051	BMA 526 864	RW	20180607	20180607RW	V1d	V1g						n	y	island o/c of fg, hard & siliceous, well layered felsic ash tuff, locally with coarse pyroclastic lapilli

2018 Butler Geological Mapping - List of traverses

Traverse_ID	Geologist	Date	Traverse KM	# Outcrops	# Samples
20180607MD	Matt Deller	07-Jun-2018	5.3	17	2
20180608MD	Matt Deller	08-Jun-2018	5.8	19	1
20180609MD	Matt Deller	09-Jun-2018	6.0	8	0
20180610MD	Matt Deller	10-Jun-2018	6.2	5	0
20180611MD	Matt Deller	11-Jun-2018	2.4	3	0
20180607RW	Ryan Weston	07-Jun-2018	7.6	19	2
20180608RW	Ryan Weston	08-Jun-2018	8.4	16	3
20180609RW	Ryan Weston	09-Jun-2018	10.6	13	3
20180610RW	Ryan Weston	10-Jun-2018	9.9	17	0
20180611RW	Ryan Weston	11-Jun-2018	4.8	4	0
TOTALS			**67**	**121**	**11**

2018 Butler Geological Mapping - List of Grab Samples with selected geochemistry

Sample ID	X	Y	Description	Outcrop #	Traverse	Cu ppm	Zn ppm	Ag ppm	Au ppb	Fe %	S %
1304251	512889	5843384	~1-2 cm Qz. Vein in altered felsic volcanics; chlorite, tr. py. Magnatite	BL03RW	20180607RW	18	18	<0.3	<2	7.44	<0.01
1304252	513060	5842727	~1-2cm Qz. Vein inFelsic intermediate, slightly altered,tr. Py and po	BL15RW	20180607RW	19	1760	<0.3	<2	8.92	<0.01
1304253	516222	5845082	dacite, ladder qz.veining, Qz eyes, chlorite dyke, bio, calcite, tr.py, 4m X4m anguler float.	BL26RW	20180608RW	20	54	<0.3	<2	4.14	0.03
1304254	516225	5845086	Same as above, but with 2-3% diss py	BL26RW	20180608RW	81	54	<0.3	<2	5.98	0.42
1304255	516265	5845125	dacite, calcite, 1-2 % diss.py, calcite and chlorite	BL28RW	20180608RW	18	41	<0.3	<2	5.44	0.04
1304256	516398	5840572	meta gabbro with chlorite dykes, feldspars, tr-1% py., Non magnetic	BL36RW	20180609RW	42	36	<0.3	<2	8.34	0.03
1304257	516064	5840180	meta gabbro with feldspars, tr. py., Non magnetic	BL40RW	20180609RW	24	7	<0.3	<2	6.17	0.04
1304258	516115	5839697	ferro gabbro, small outcrop, Moderately magnetic, 1-mm bleb of cpy	BL44RW	20180609RW	252	69	<0.3	6	11.5	0.07
1304259	511997	5843984	ferro gabbro, Moderately magnetic, 1-2%po, tr, py, tr.-1% cpy	BL19MD	20180608MD	525	79	<0.3	<2	11.9	0.35
1304260	512296	5842563	med grain grey mela gabbro , moderately magnetic, tr-0.5 % py, tr. cpy.	BL02bMD	20180607MD	475	65	<0.3	<2	11.7	0.16
1304261	N/A	N/A	Standard CDN-GS-5F	BL02bMD	20180607MD	n/a					


2018 Butler Geological Mapping
Topography and Water
Butler L.
Ekwan R.
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20180608MD
20180607RW
20180607MD
20180611RW
20180609RW
20180610RW
20180609MD
20180610MD
20180611MD
Traverse
Outcrop
Grab sample
N
1000 0 1000 2000
(meters)
NAD83 / UTM zone 16N
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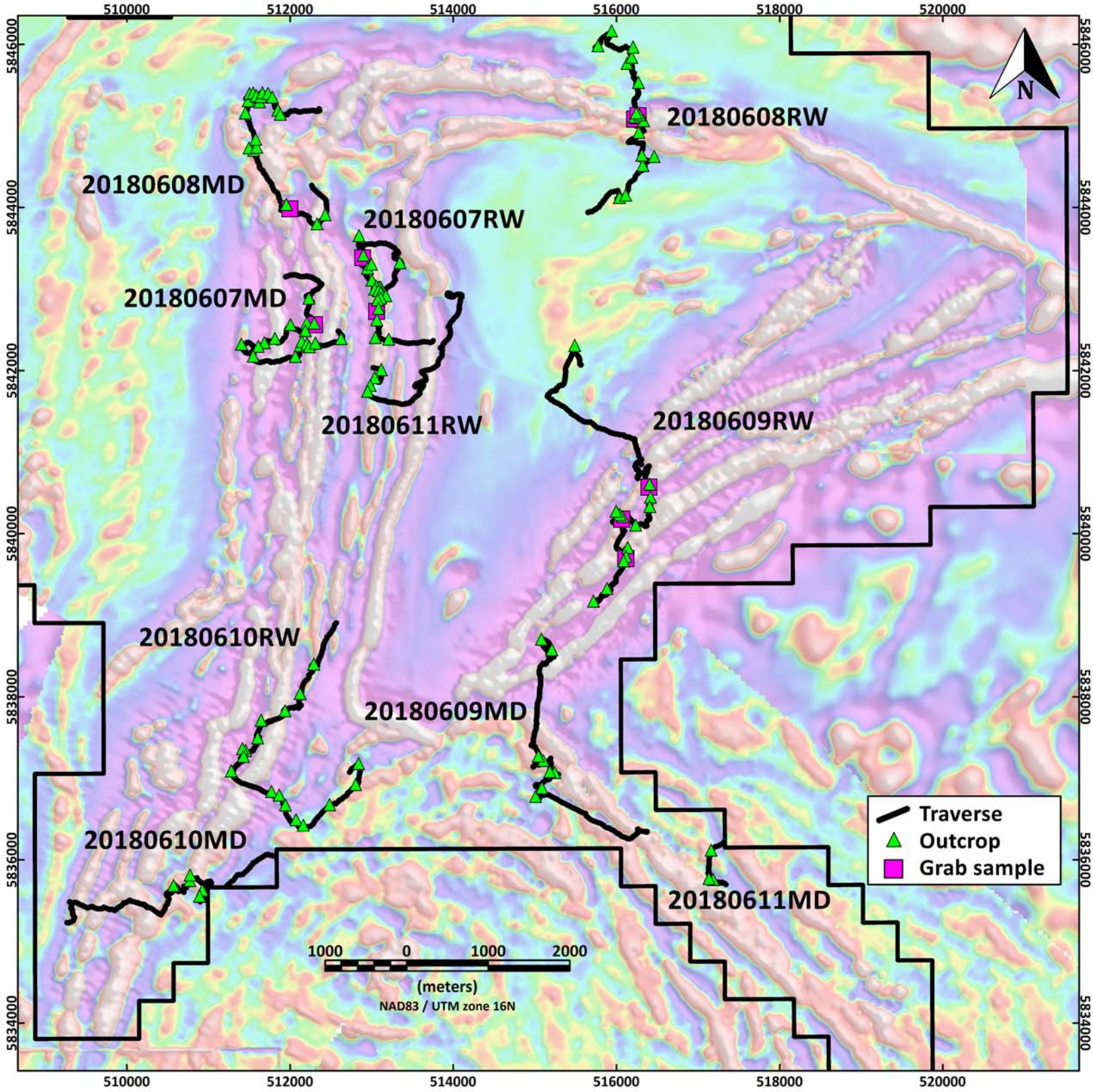
2018 Butler Geological Mapping
First vertical derivative of airborne magnetics
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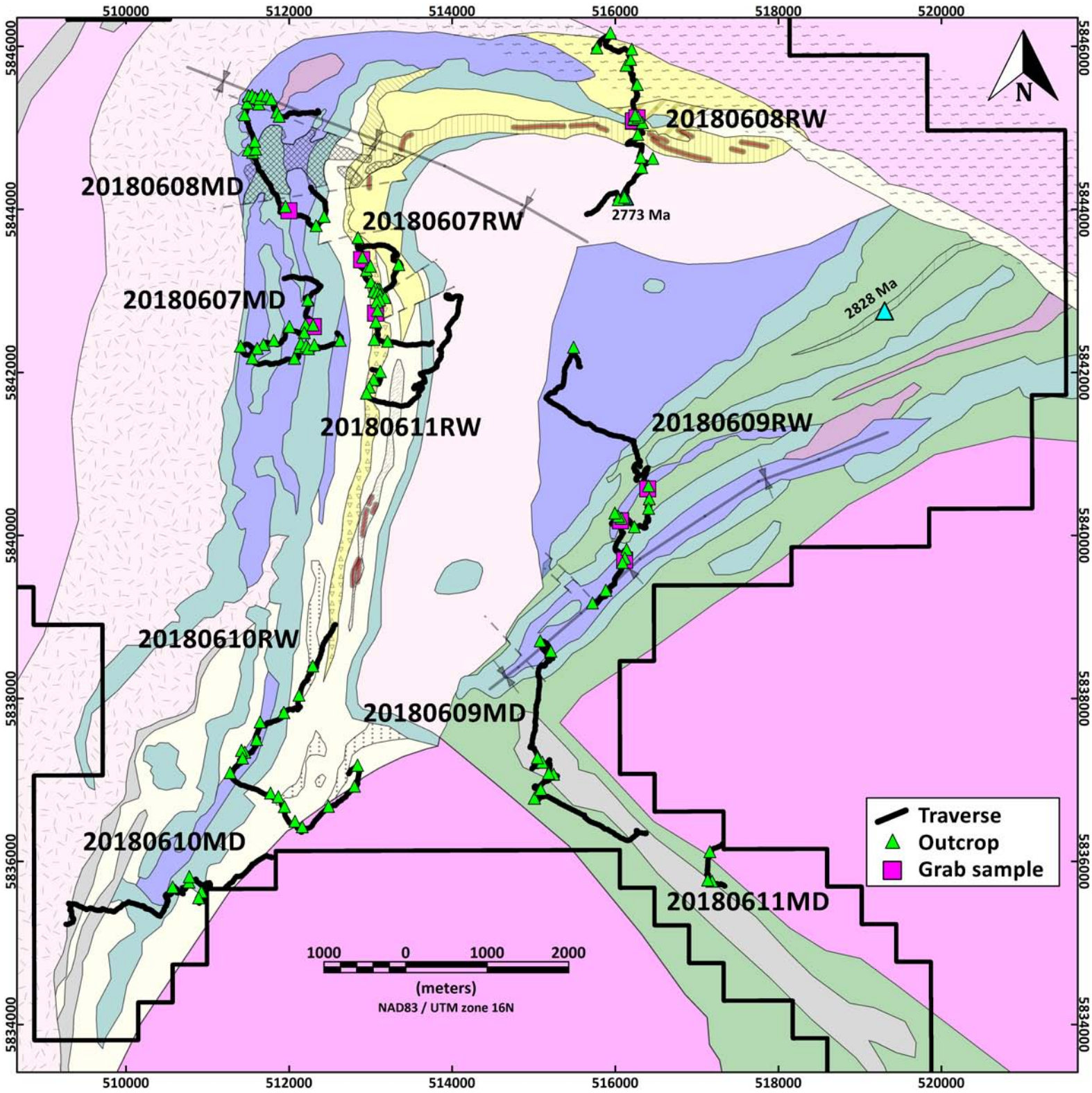
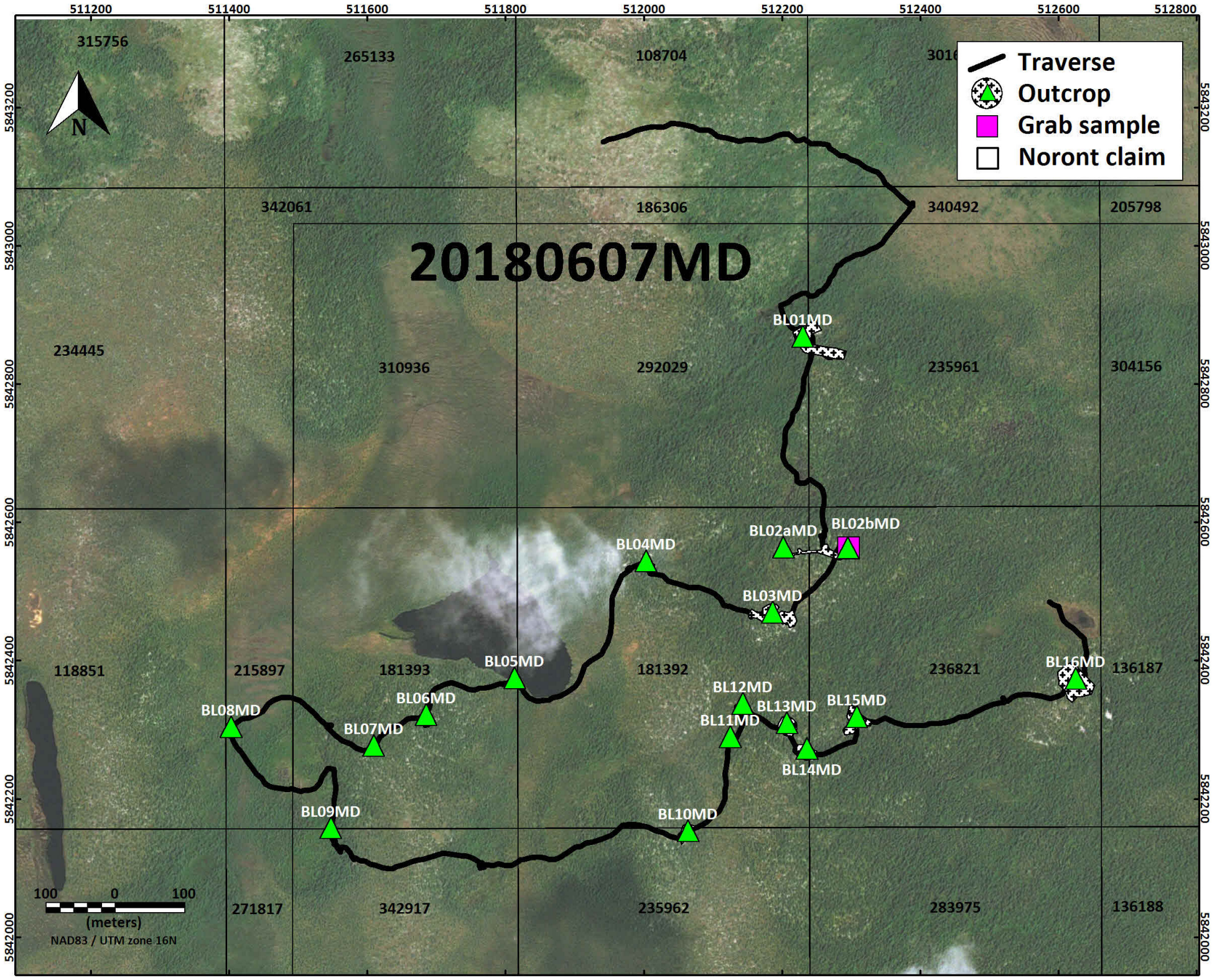
20180610RW
20180609MD
20180610MD
20180611MD
Traverse
Outcrop
Grab sample
1000
0
1000
2000
(meters)
NAD83 / UTM zone 16N

2018 Butler Geological Mapping

Geology



- Late granodiorite
- Tonalite (2773 Ma)
- Tonalite to granodiorite
- TTG gneissic basement
- Disseminated magnetite exhalative horizon; encloses VMS sulphides
- Sediments (siltstone) with epiclastic felsic volcaniclastics; magnetic
- Sediments (siltstone, sandstone) with epiclastic felsic volcaniclastics; non-magnetic; interbedded felsic intrusives
- Felsic volcanics (flows, breccias, sub-volcanic sills; Fe-Mg altered and magnetic)
- Felsic volcanics (flows, tuffs; Fe-Mg altered and magnetic)
- Felsic-intermediate volcanics (lapilli, tuff, flow; Fe-Mg altered and magnetic)
- Felsic volcanics (flow, massive)
- Mixed felsic-intermediate volcanics
- Mafic volcanics with sulphide IF
- Mafic volcanics with minor felsic volcanics (2828 Ma)
- Iron formation (silicate, oxide, sulphide)
- Ferrogabbro
- Gabbro, leucogabbro
- Ultramafic (peridotite-dunite)
- Webequie Shear Zone
- Fault & Shear Zones
- Fold axial planes
- VMS Horizons
- Age date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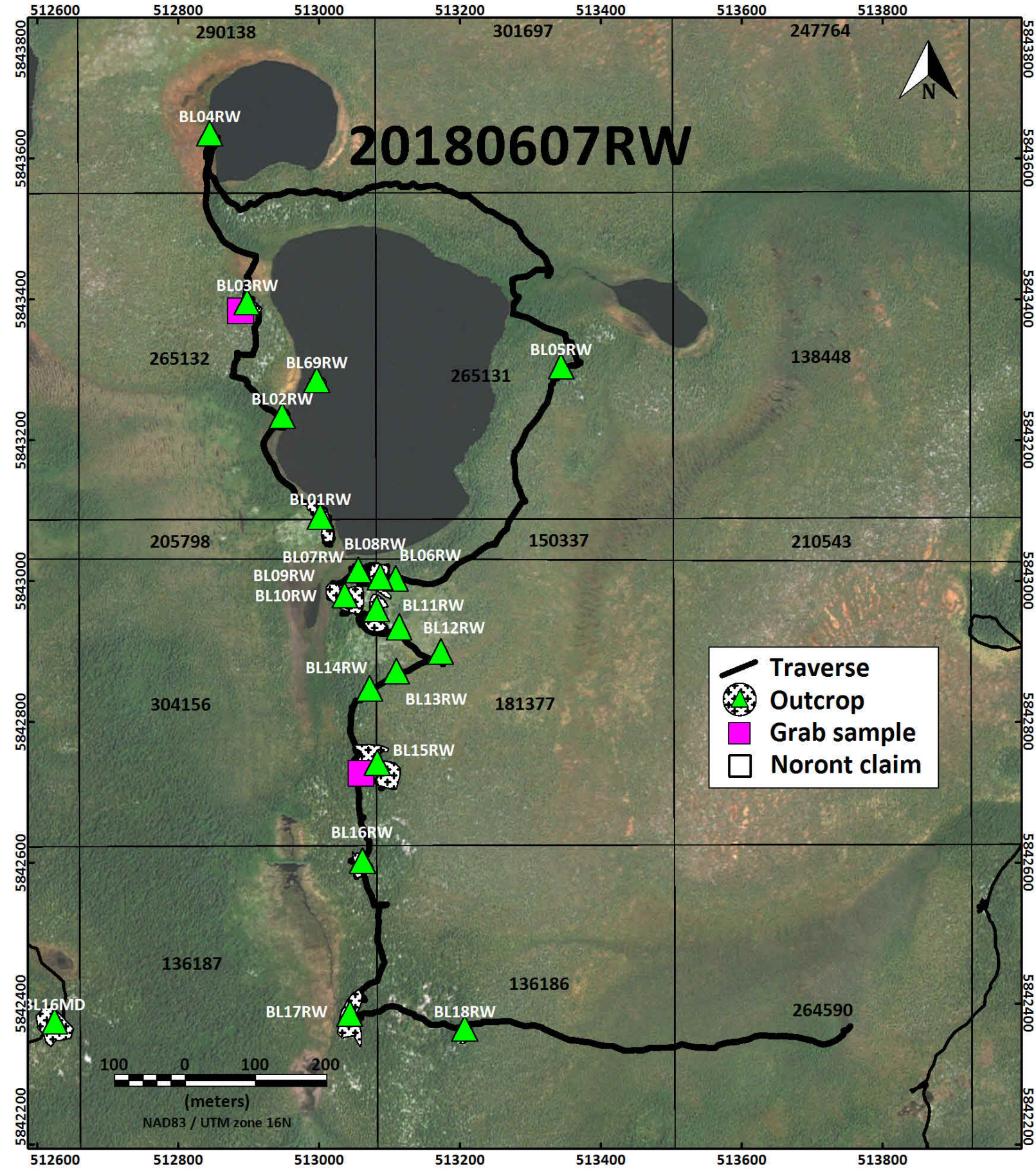
(meters)
NAD83 / UTM zone 16N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Traverse
Outcrop
Grab sample
Noront claim
100 0 100 200
(meters)
NAD83 / UTM zone 16N
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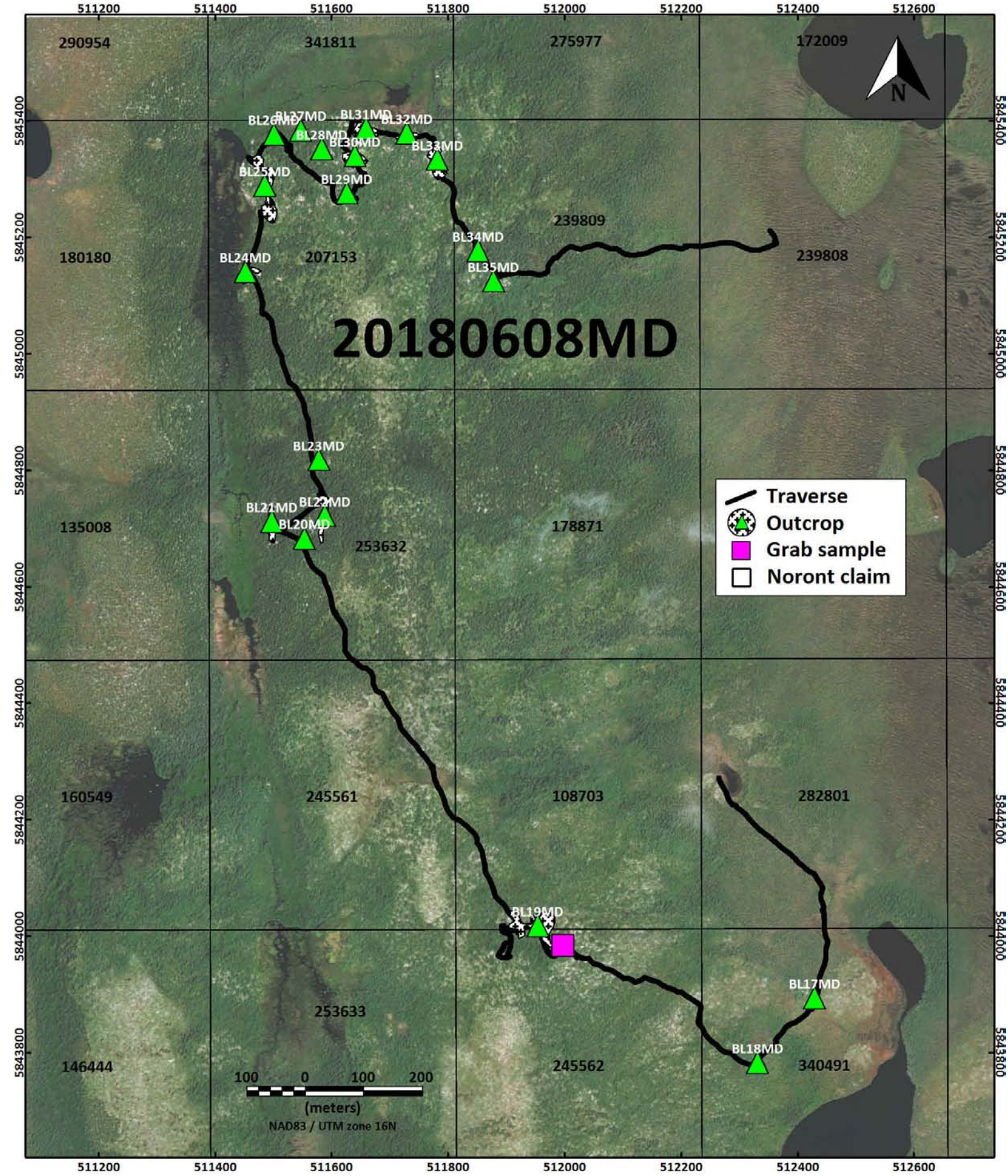
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BL20MD
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Traverse
Outcrop
Grab sample
Noront claim
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108703
282801
BL19MD
BL17MD
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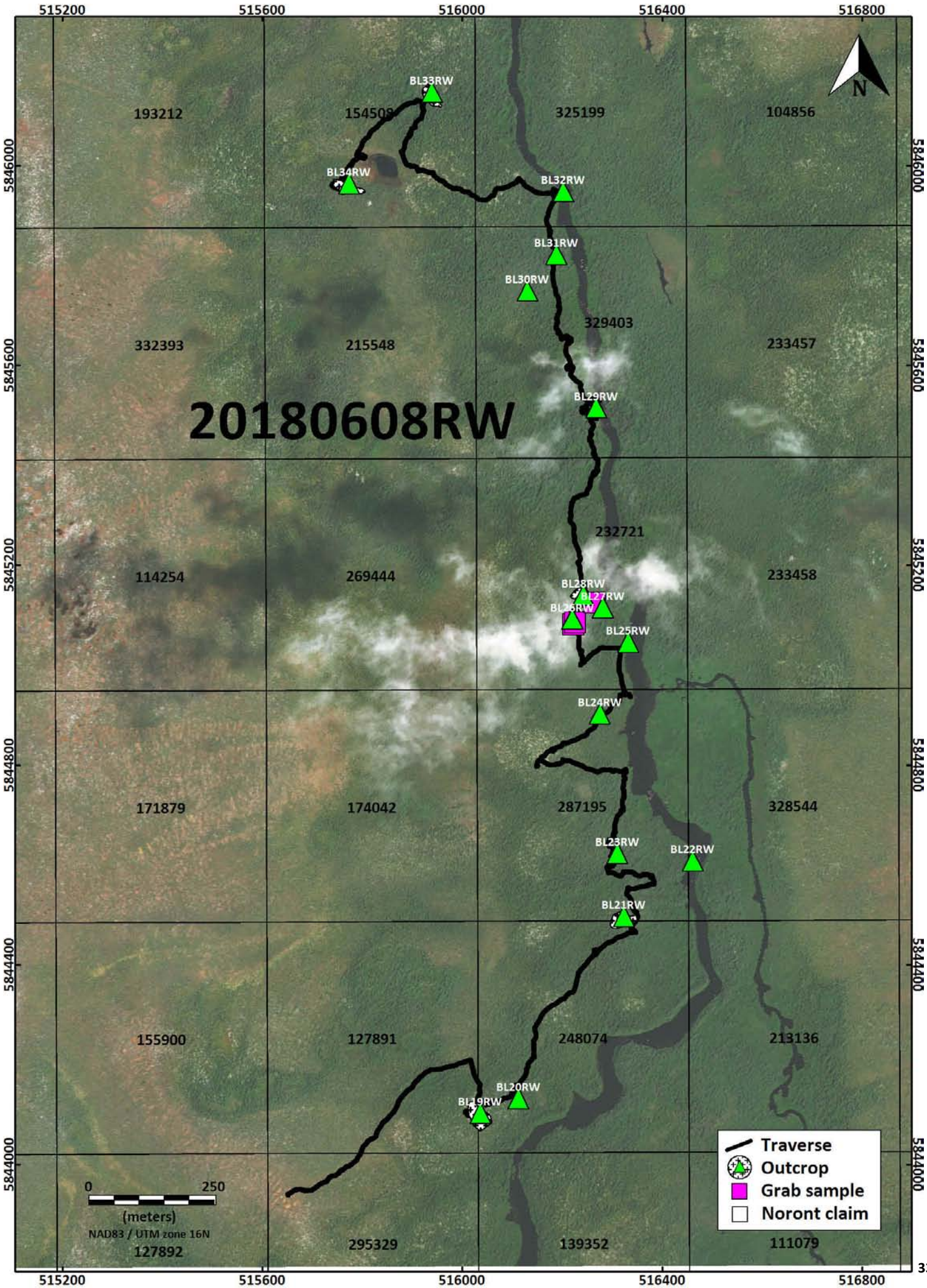
BL18MD
146444
245562
340491
100
0
100
200
(meters)
NAD83 / UTM zone 16N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248074
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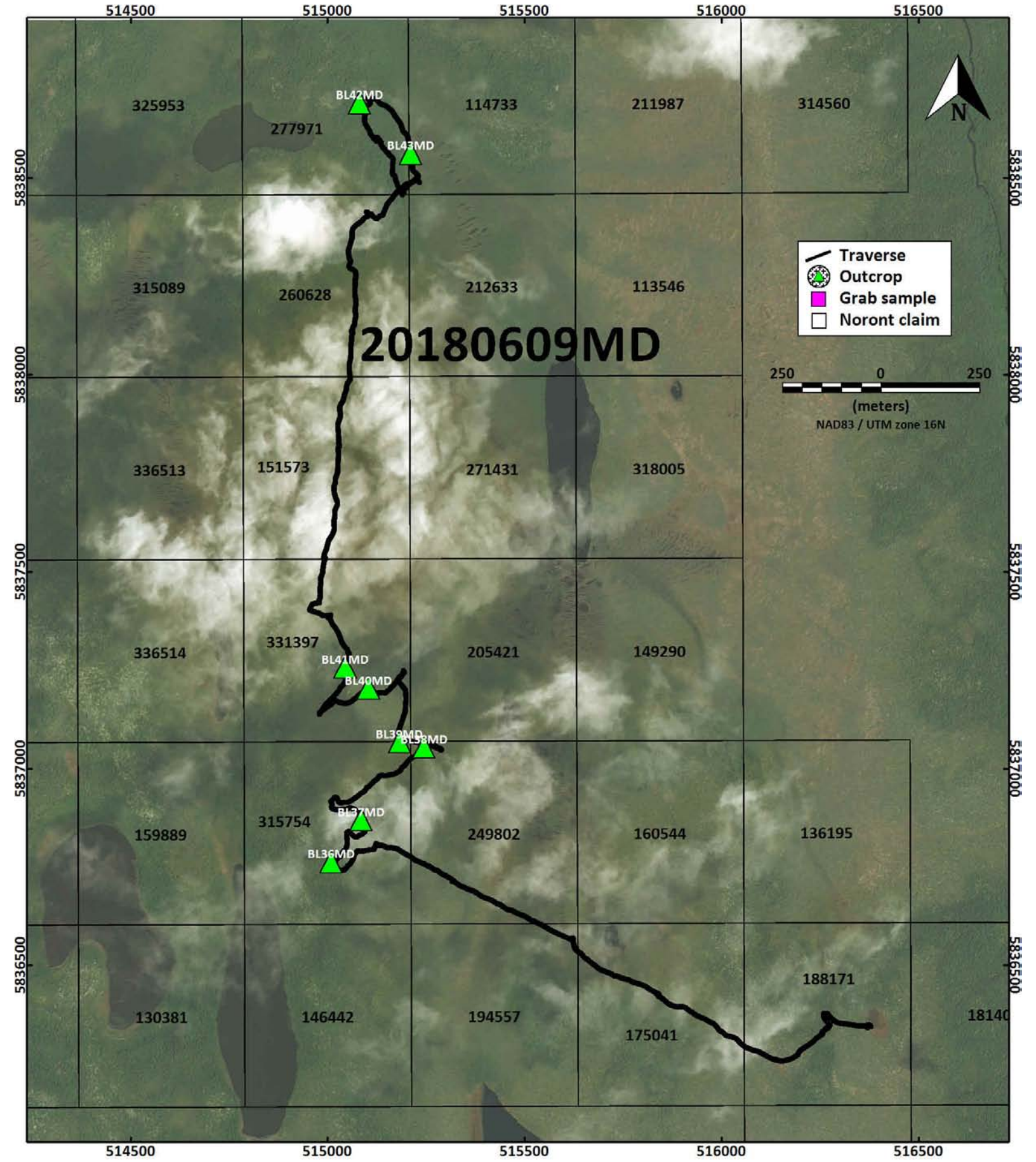
(meters)
NAD83 / UTM zone 16N
Traverse
Outcrop
Grab sample
Noront claim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BL37MD
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Outcrop
Grab sample
Noront claim
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(meters)
NAD83 / UTM zone 16N
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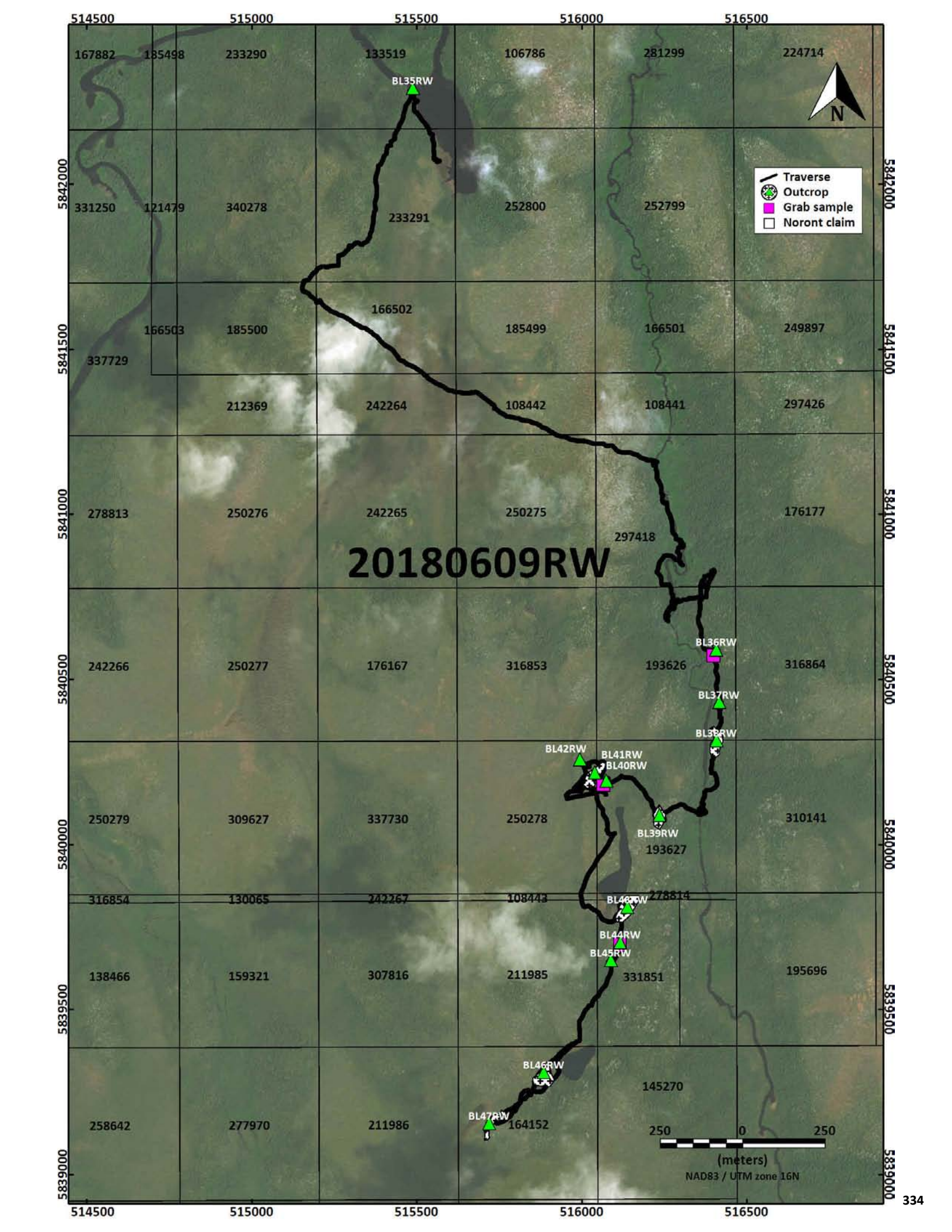
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N
Traverse
Outcrop
Grab sample
Noront claim
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121479
340278
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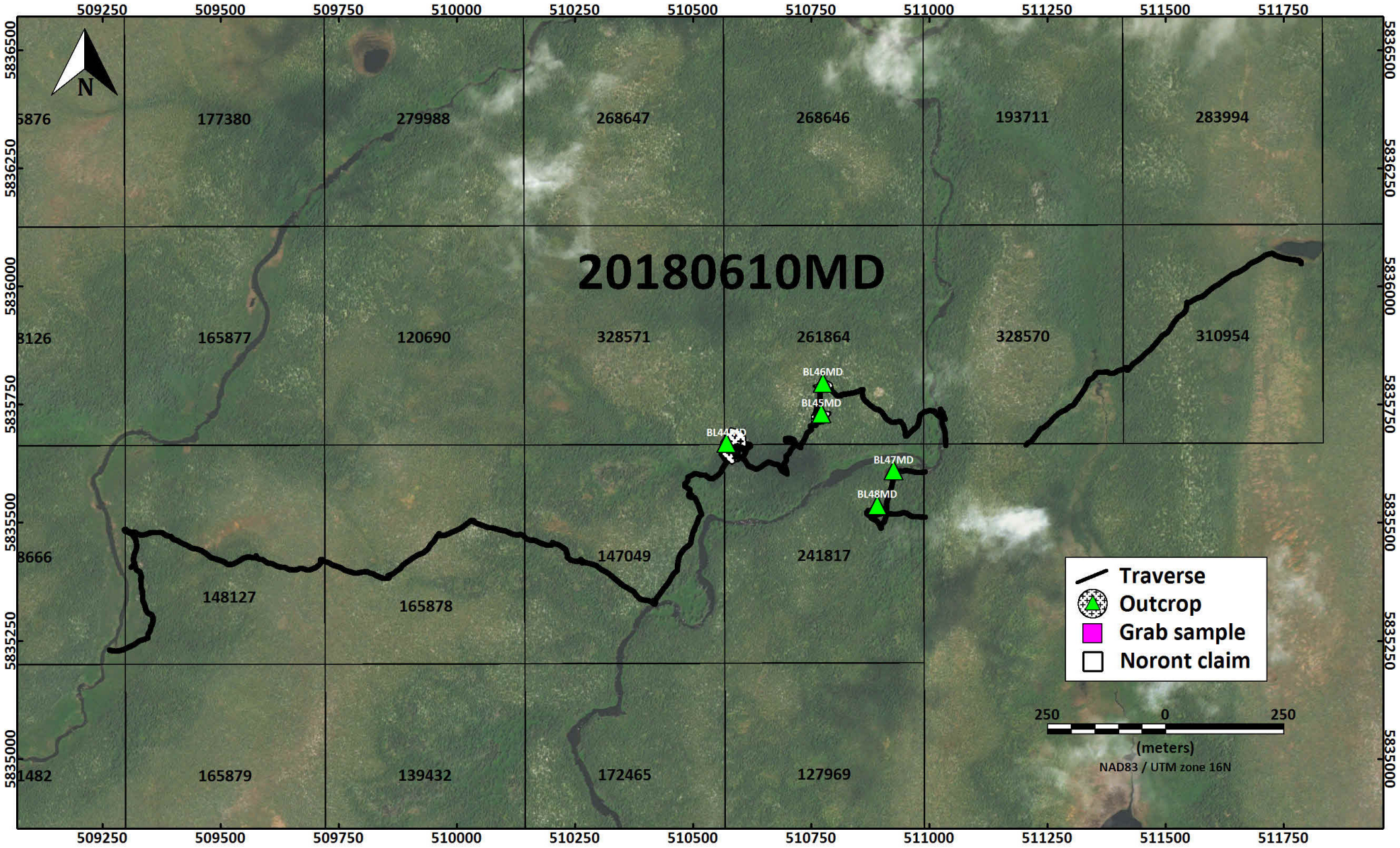
(meters)
NAD83 / UTM zone 16N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279988
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3126
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120690
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139432
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Traverse
Outcrop
Grab sample
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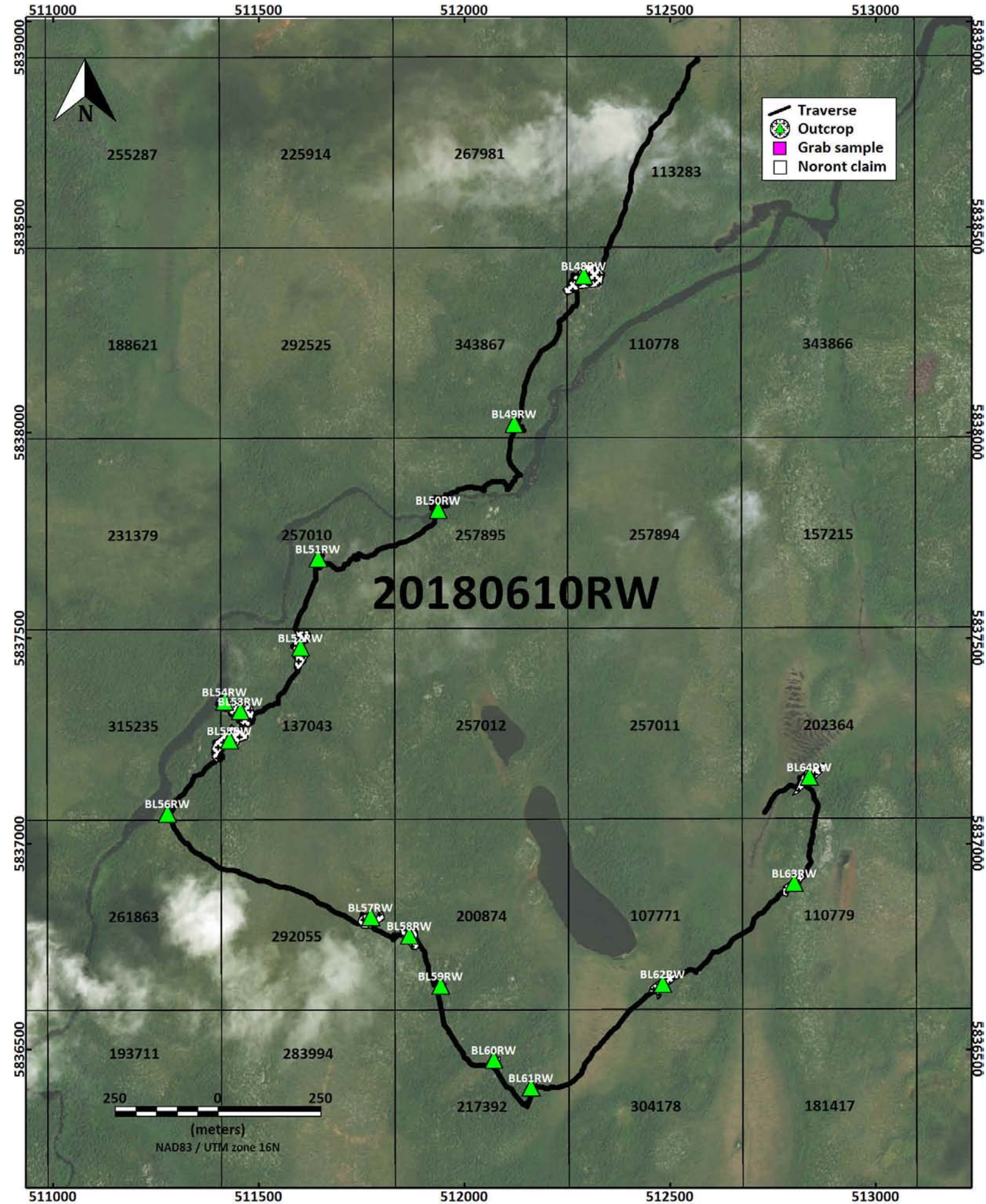
250
(meters)
NAD83 / UTM zone 16N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N
Traverse
Outcrop
Grab sample
Noront claim
255287
225914
267981
113283
188621
292525
343867
110778
343866
231379
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257895
257894
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315235
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257012
257011
202364
261863
292055
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110779
193711
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217392
304178
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BL55RW
BL56RW
BL57RW
BL58RW
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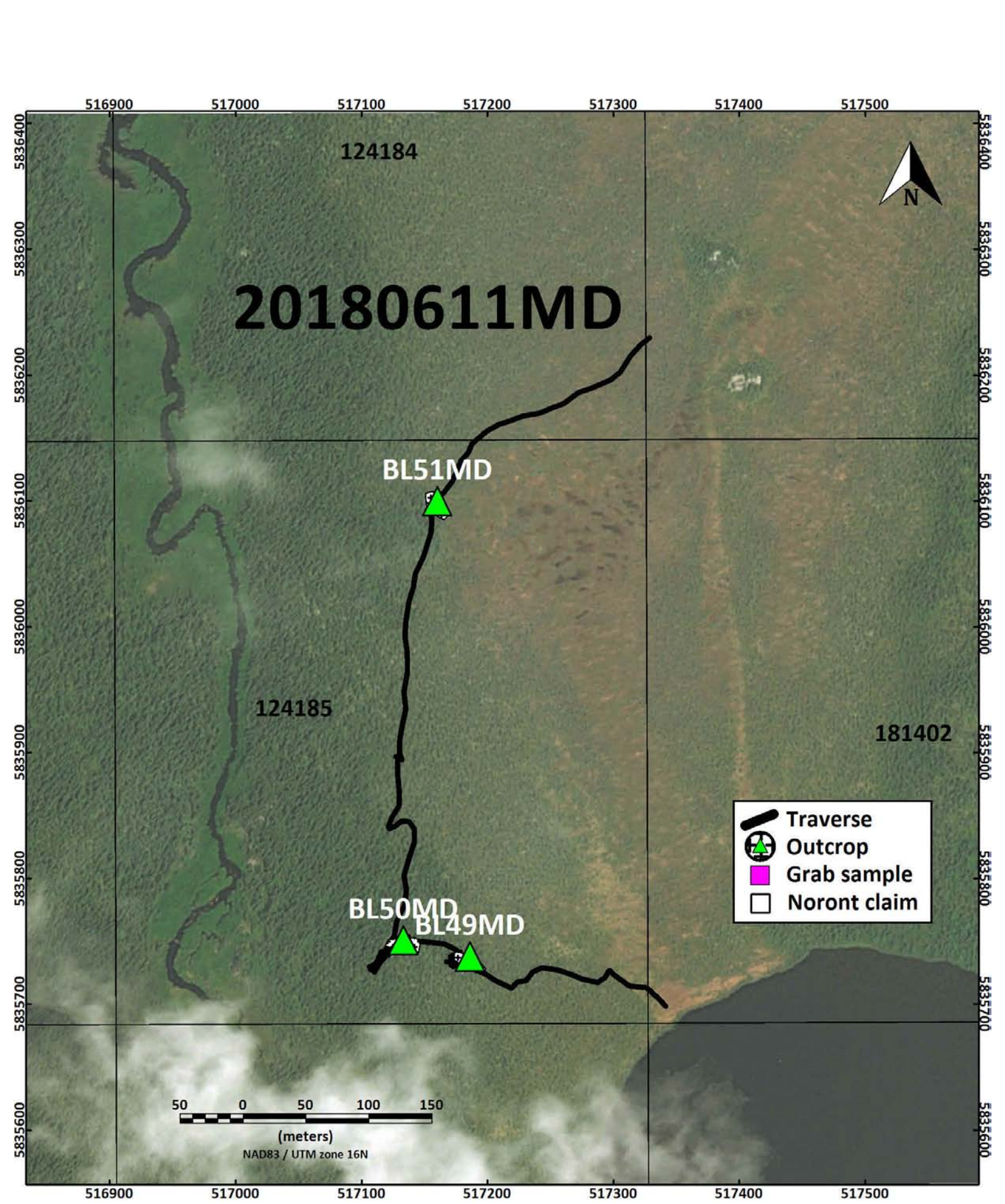
0
250
(meters)
NAD83 / UTM zone 16N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5835700
5835600
124184
20180611MD
BL51MD
124185
181402
BL50MD
BL49MD
N
Traverse
Outcrop
Grab sample
Noront claim
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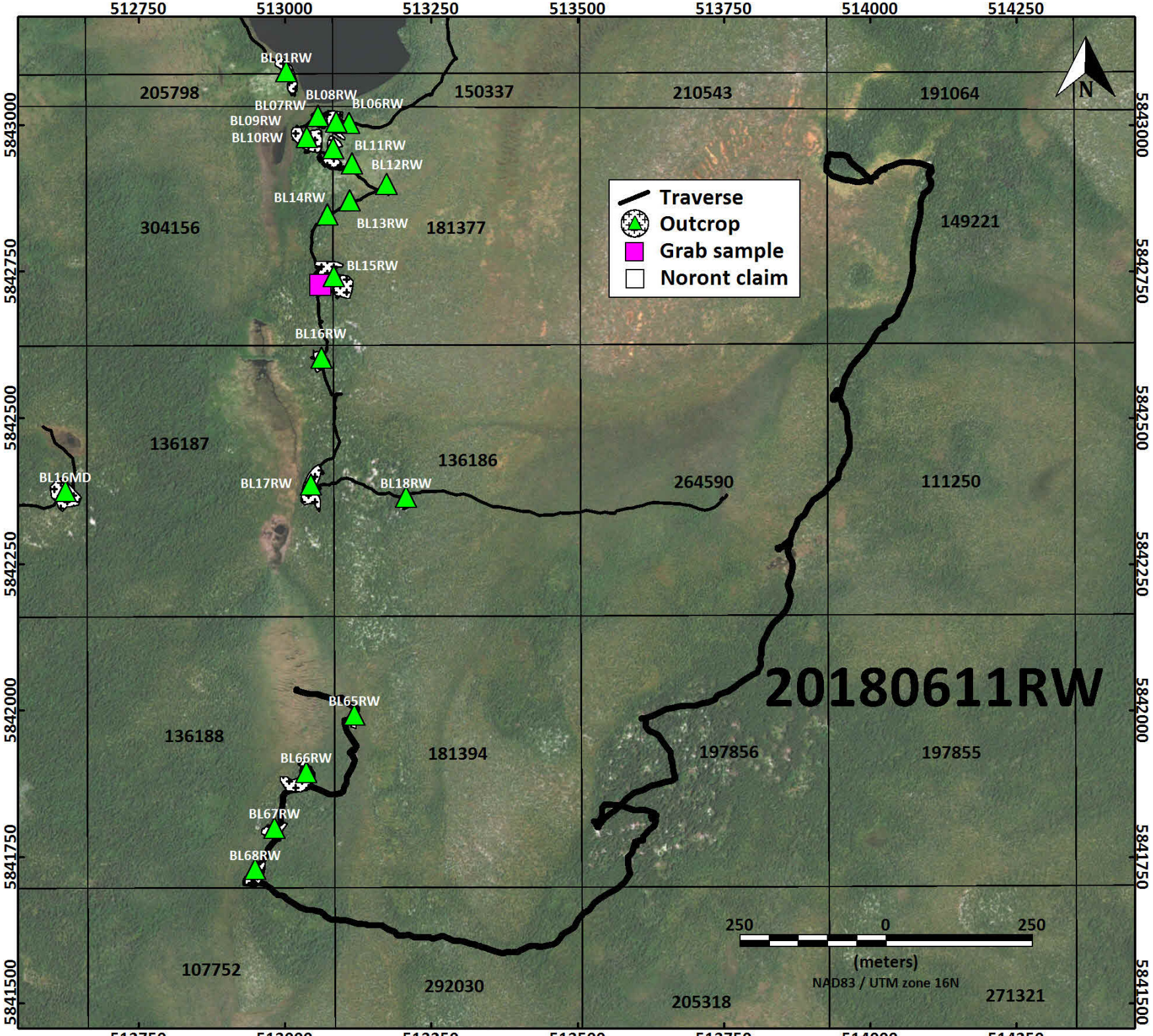
0
50
100
150
(meters)
NAD83 / UTM zone 16N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149221
136187
136186
264590
111250
136188
181394
197856
197855
107752
292030
205318
271321
Traverse
Outcrop
Grab sample
Noront claim
N
20180611RW
250
0
250
(meters)
NAD83 / UTM zone 16N

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Jun-18
Invoice No.: A18-08009
Invoice Date: 07-Aug-18
Your Reference: Butler

Noront Resources Ltd.
212 King St. W, Suite 501
Toronto ON M5H 1K5
Canada

ATTN: GIS+Database Manager Matt Downey (Inv/res)

CERTIFICATE OF ANALYSIS

11 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-ICP Tbay Au-Fire Assay ICPOES 30g

Code 1F2-Tbay Total Digestion ICP(TOTAL)

REPORT **A18-08009**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

		Au_ppb_ FA-ICP	Ag_ppm _TD-ICP	Al_%_TD -ICP	As_ppm_ TD-ICP	Ba_ppm _TD-ICP	Be_ppm _TD-ICP	Bi_ppm_ TD-ICP	Ca_%_T D-ICP	Cd_ppm _TD-ICP	Co_ppm _TD-ICP	Cr_ppm_ TD-ICP	Cu_ppm _TD-ICP	Fe_%_T D-ICP	Ga_ppm _TD-ICP	Hg_ppm _TD-ICP	K_%_TD -ICP	Mg_%_T D-ICP	Li_ppm_ TD-ICP	Mn_ppm _TD-ICP	Mo_ppm _TD-ICP	Na_%_T D-ICP	Ni_ppm_ TD-ICP
1304251	O	< 2	< 0.3	7.62	4	24	< 1	< 2	0.37	0.8	42	57	18	7.44	19	< 1	0.09	6.46	8	717	< 1	0.09	40
1304252	O	< 2	< 0.3	5.60	< 3	38	< 1	< 2	0.72	2.2	43	16	19	8.92	20	< 1	0.06	6.66	9	744	< 1	0.09	23
1304253	O	< 2	< 0.3	7.84	< 3	270	< 1	< 2	2.56	< 0.3	18	134	20	4.14	20	1	0.72	2.54	16	524	< 1	2.59	115
1304254	O	< 2	< 0.3	8.61	17	119	1	< 2	3.63	0.8	63	222	81	5.98	22	1	0.51	2.93	20	698	2	2.85	117
1304255	O	< 2	< 0.3	7.73	9	338	< 1	< 2	3.72	0.4	28	172	18	5.44	20	< 1	1.05	2.98	22	585	< 1	1.76	86
1304256	O	< 2	< 0.3	8.70	< 3	94	< 1	< 2	6.57	1.0	39	106	42	8.34	19	2	1.03	3.69	30	1100	< 1	1.34	67
1304257	O	< 2	< 0.3	9.61	< 3	64	< 1	< 2	6.68	0.3	32	97	24	6.17	19	< 1	0.88	3.60	38	572	< 1	2.01	143
1304258	O	6	< 0.3	10.1	9	58	< 1	< 2	5.81	1.6	65	336	252	11.5	27	5	1.17	1.51	41	939	< 1	1.82	96
1304259	O	< 2	< 0.3	7.81	< 3	19	< 1	< 2	6.76	1.5	95	117	525	11.9	21	2	0.13	3.98	19	1270	< 1	1.18	158
1304260	O	< 2	< 0.3	9.75	< 3	39	< 1	< 2	6.63	1.4	77	462	475	11.7	24	10	0.30	2.33	21	815	< 1	1.86	120
1304261	O	5530	< 0.3	6.17	943	321	1	< 2	2.16	0.6	13	57	50	5.25	16	< 1	1.44	1.06	22	583	533	1.78	38
SDC-1	LABSTD			5.70	7	476	3		0.89		21	62	29	4.53	23	< 1	0.90	0.91	35	902		1.44	35
GXR-6	LABSTD		< 0.3	13.9	227	> 1000	1	< 2	0.28	0.6	15	50	63	5.01	35	2	1.46	0.65	40	973	2	0.12	27
OREAS 14P	LABSTD										674		8740	29.8									> 10000
DNC-1a	LABSTD					93					57	185	104		17				5				245
OREAS 904 (4 ACID)	LABSTD		0.8	6.39	110	173	10	19	0.07		95	49	5600	6.89	17		2.04	0.55	16	427	1	0.04	46
OREAS 214	LABSTD	2950																					
OREAS 218	LABSTD	522																					

	P_%_TD-ICP	Pb_ppm_TD-ICP	Sb_ppm_TD-ICP	S_%_TD-ICP	Sc_ppm_TD-ICP	Sr_ppm_TD-ICP	Te_ppm_TD-ICP	Ti_%_TD-ICP	Tl_ppm_TD-ICP	U_ppm_TD-ICP	V_ppm_TD-ICP	W_ppm_TD-ICP	Y_ppm_TD-ICP	Zn_ppm_TD-ICP	Zr_ppm_TD-ICP
1304251	0.055	3	7	< 0.01	37	5	< 2	0.24	< 5	< 10	109	< 5	10	18	99
1304252	0.063	< 3	< 5	< 0.01	33	10	4	0.81	< 5	< 10	283	11	14	1760	102
1304253	0.089	< 3	< 5	0.03	11	284	11	0.30	< 5	< 10	69	< 5	7	54	56
1304254	0.062	4	6	0.42	16	329	2	0.40	< 5	< 10	78	< 5	11	54	86
1304255	0.070	< 3	< 5	0.04	23	418	6	0.19	< 5	< 10	86	< 5	15	41	56
1304256	0.024	< 3	< 5	0.03	36	109	3	0.40	< 5	< 10	206	< 5	19	36	50
1304257	0.022	< 3	< 5	0.04	31	125	< 2	0.33	< 5	< 10	150	< 5	19	7	35
1304258	0.003	5	< 5	0.07	19	258	12	0.37	< 5	< 10	490	< 5	3	69	6
1304259	0.004	4	< 5	0.35	38	146	< 2	0.54	< 5	< 10	470	< 5	5	79	10
1304260	0.003	< 3	< 5	0.16	19	212	4	0.43	< 5	< 10	574	< 5	2	65	7
1304261	0.053	27	10	0.73	12	279	3	0.32	< 5	< 10	179	14	14	54	67
SDC-1	0.056	18	< 5		11	146		0.60	5	< 10	89	< 5		98	60
GXR-6	0.031	91	< 5	0.02	22	47	< 2		< 5	< 10	84	< 5	12	122	58
OREAS 14P															
DNC-1a		6	< 5		29	123		0.30			124		17	49	38
OREAS 904 (4 ACID)	0.092	26	< 5	0.06	11	30			< 5	< 10	77	7	36	27	115
OREAS 214															
OREAS 218															

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 10	BP11-CU02	7	KT10	0.11	0
Butler 10	BP11-CU02	8	KT10	0.26	0
Butler 10	BP11-CU02	9	KT10	0.51	0
Butler 10	BP11-CU02	10	KT10	3.18	0
Butler 10	BP11-CU02	11	KT10	1.84	0
Butler 10	BP11-CU02	12	KT10	1.71	0
Butler 10	BP11-CU02	13	KT10	0.48	0
Butler 10	BP11-CU02	14	KT10	0.99	0
Butler 10	BP11-CU02	15	KT10	1.8	0
Butler 10	BP11-CU02	16	KT10	2.15	0
Butler 10	BP11-CU02	17	KT10	0.77	0
Butler 10	BP11-CU02	18	KT10	1.01	0
Butler 10	BP11-CU02	19	KT10	4.57	0
Butler 10	BP11-CU02	20	KT10	0.15	0
Butler 10	BP11-CU02	21	KT10	0	0
Butler 10	BP11-CU02	22	KT10	11	0
Butler 10	BP11-CU02	23	KT10	0	0
Butler 10	BP11-CU02	24	KT10	0.07	0
Butler 10	BP11-CU02	25	KT10	0.29	0
Butler 10	BP11-CU02	26	KT10	16.1	1325
Butler 10	BP11-CU02	27	KT10	0	0
Butler 10	BP11-CU02	28	KT10	0.04	0
Butler 10	BP11-CU02	29	KT10	1.08	0
Butler 10	BP11-CU02	30	KT10	0.13	0
Butler 10	BP11-CU02	31	KT10	0	0
Butler 10	BP11-CU02	32	KT10	0	999999
Butler 10	BP11-CU02	33	KT10	0	0
Butler 10	BP11-CU02	34	KT10	0	0
Butler 10	BP11-CU02	35	KT10	0	0
Butler 10	BP11-CU02	36	KT10	0	0
Butler 10	BP11-CU02	37	KT10	0.81	0
Butler 10	BP11-CU02	38	KT10	11.8	824
Butler 10	BP11-CU02	39	KT10	1.56	0
Butler 10	BP11-CU02	40	KT10	0.55	0
Butler 10	BP11-CU02	41	KT10	0.72	0
Butler 10	BP11-CU02	42	KT10	3.58	0
Butler 10	BP11-CU02	43	KT10	0.94	0
Butler 10	BP11-CU02	44	KT10	0	0
Butler 10	BP11-CU02	45	KT10	0.22	0
Butler 10	BP11-CU02	46	KT10	0.55	0
Butler 10	BP11-CU02	47	KT10	0.73	0
Butler 10	BP11-CU02	48	KT10	0.75	0
Butler 10	BP11-CU02	49	KT10	0.62	0
Butler 10	BP11-CU02	50	KT10	0.48	0
Butler 10	BP11-CU02	51	KT10	1.67	0
Butler 10	BP11-CU02	52	KT10	0.42	0
Butler 10	BP11-CU02	53	KT10	0.42	0
Butler 10	BP11-CU02	54	KT10	1.54	0
Butler 3	BP11-CU03	9	KT10	0.7	0
Butler 3	BP11-CU03	10	KT10	0.9	0
Butler 3	BP11-CU03	11	KT10	0.83	0
Butler 3	BP11-CU03	12	KT10	0.99	0
Butler 3	BP11-CU03	13	KT10	1.58	0
Butler 3	BP11-CU03	14	KT10	1.2	0
Butler 3	BP11-CU03	15	KT10	0.37	0
Butler 3	BP11-CU03	16	KT10	1.16	0
Butler 3	BP11-CU03	17	KT10	1.16	0
Butler 3	BP11-CU03	18	KT10	1.18	0
Butler 3	BP11-CU03	19	KT10	16.8	0
Butler 3	BP11-CU03	20	KT10	4.84	0
Butler 3	BP11-CU03	21	KT10	19.1	0
Butler 3	BP11-CU03	22	KT10	1.03	0
Butler 3	BP11-CU03	23	KT10	3.59	0
Butler 3	BP11-CU03	24	KT10	0.9	0
Butler 3	BP11-CU03	25	KT10	1.64	0
Butler 3	BP11-CU03	26	KT10	0.39	0
Butler 3	BP11-CU03	27	KT10	0.94	0
Butler 3	BP11-CU03	28	KT10	0.57	0
Butler 3	BP11-CU03	29	KT10	0	0
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Butler 3	BP11-CU03	32	KT10	2.56	0
Butler 3	BP11-CU03	33	KT10	1.03	0
Butler 3	BP11-CU03	34	KT10	3.11	0
Butler 3	BP11-CU03	35	KT10	0.94	0
Butler 3	BP11-CU03	36	KT10	1.49	0
Butler 3	BP11-CU03	37	KT10	0.79	0
Butler 3	BP11-CU03	38	KT10	1.25	0
Butler 3	BP11-CU03	39	KT10	20	0
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Butler 3	BP11-CU03	43	KT10	0.61	0
Butler 3	BP11-CU03	44	KT10	0.74	0
Butler 3	BP11-CU03	45	KT10	0.74	0
Butler 3	BP11-CU03	46	KT10	1.01	0
Butler 3	BP11-CU03	47	KT10	0.94	0
Butler 3	BP11-CU03	48	KT10	1.03	0
Butler 3	BP11-CU03	49	KT10	0.79	0
Butler 3	BP11-CU03	50	KT10	1.12	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP11-CU03	51	KT10	1.6	0
Butler 3	BP11-CU03	52	KT10	0.42	0
Butler 3	BP11-CU03	53	KT10	0.15	0
Butler 3	BP11-CU03	54	KT10	0.53	0
Butler 3	BP11-CU03	55	KT10	0.85	0
Butler 3	BP11-CU03	56	KT10	1.05	0
Butler 3	BP11-CU03	57	KT10	1.47	0
Butler 3	BP11-CU03	58	KT10	0.55	0
Butler 3	BP11-CU03	59	KT10	0.66	0
Butler 3	BP11-CU03	60	KT10	0.92	0
Butler 3	BP11-CU03	61	KT10	0.5	0
Butler 3	BP11-CU03	62	KT10	0.75	0
Butler 3	BP11-CU03	63	KT10	0.75	0
Butler 3	BP11-CU03	64	KT10	0.02	0
Butler 3	BP11-CU03	65	KT10	11.3	0
Butler 3	BP11-CU03	66	KT10	0.83	0
Butler 3	BP11-CU03	67	KT10	0.26	0
Butler 3	BP11-CU03	68	KT10	1.07	0
Butler 3	BP11-CU03	69	KT10	0.44	0
Butler 3	BP11-CU03	70	KT10	0.37	0
Butler 3	BP11-CU03	71	KT10	0	0
Butler 3	BP11-CU03	72	KT10	0.83	0
Butler 3	BP11-CU03	73	KT10	0.79	0
Butler 3	BP11-CU03	74	KT10	9.67	0
Butler 3	BP11-CU03	75	KT10	0.68	0
Butler 3	BP11-CU03	76	KT10	0.75	0
Butler 3	BP11-CU03	77	KT10	0.66	0
Butler 3	BP11-CU03	78	KT10	1.27	0
Butler 3	BP11-CU03	79	KT10	1.93	0
Butler 3	BP11-CU03	80	KT10	1.95	0
Butler 3	BP11-CU03	81	KT10	4.23	0
Butler 3	BP11-CU03	82	KT10	3.35	0
Butler 3	BP11-CU03	83	KT10	31.4	0
Butler 3	BP11-CU03	84	KT10	18.5	0
Butler 3	BP11-CU03	85	KT10	2.1	0
Butler 3	BP11-CU03	86	KT10	8.59	0
Butler 3	BP11-CU03	87	KT10	0.64	0
Butler 3	BP11-CU03	88	KT10	4.41	0
Butler 3	BP11-CU03	89	KT10	1.51	0
Butler 3	BP11-CU03	90	KT10	1.4	0
Butler 3	BP11-CU03	91	KT10	0.72	0
Butler 3	BP11-CU03	92	KT10	0.66	0
Butler 3	BP11-CU03	93	KT10	0.15	0
Butler 3	BP11-CU03	94	KT10	8.97	0
Butler 3	BP11-CU03	95	KT10	45.5	0
Butler 3	BP11-CU03	96	KT10	1.38	0
Butler 3	BP11-CU03	97	KT10	0.61	0
Butler 3	BP11-CU03	98	KT10	18.7	0
Butler 3	BP11-CU03	99	KT10	19	0
Butler 3	BP11-CU03	100	KT10	31.6	0
Butler 3	BP11-CU03	101	KT10	15.9	0
Butler 3	BP11-CU03	102	KT10	5.39	0
Butler 3	BP11-CU03	103	KT10	11.1	0
Butler 3	BP11-CU03	104	KT10	19.9	0
Butler 3	BP11-CU03	105	KT10	0.66	0
Butler 3	BP11-CU03	106	KT10	0.99	0
Butler 3	BP11-CU03	107	KT10	0.94	0
Butler 3	BP11-CU03	108	KT10	1.01	0
Butler 3	BP11-CU03	109	KT10	1.23	0
Butler 3	BP11-CU03	110	KT10	1.25	0
Butler 3	BP11-CU03	111	KT10	1.32	0
Butler 3	BP11-CU03	112	KT10	0.42	0
Butler 3	BP11-CU03	113	KT10	0.61	0
Butler 3	BP11-CU03	114	KT10	4.01	0
Butler 3	BP11-CU03	115	KT10	0	0
Butler 3	BP11-CU03	116	KT10	0.37	0
Butler 3	BP11-CU03	117	KT10	0.61	0
Butler 3	BP11-CU03	118	KT10	2.28	0
Butler 3	BP11-CU03	119	KT10	0.68	0
Butler 3	BP11-CU03	120	KT10	0.5	0
Butler 3	BP11-CU03	121	KT10	0.72	0
Butler 3	BP11-CU03	122	KT10	0.48	0
Butler 3	BP11-CU03	123	KT10	0.5	0
Butler 3	BP11-CU03	124	KT10	0.46	0
Butler 3	BP11-CU03	125	KT10	0.42	0
Butler 3	BP11-CU03	126	KT10	0.44	0
Butler 3	BP11-CU03	127	KT10	0.55	0
Butler 3	BP11-CU03	128	KT10	0.15	0
Butler 3	BP11-CU03	129	KT10	0.39	0
Butler 3	BP11-CU03	130	KT10	0.88	0
Butler 3	BP11-CU03	131	KT10	0	0
Butler 3	BP11-CU03	132	KT10	0.29	0
Butler 3	BP11-CU03	133	KT10	0.46	0
Butler 3	BP11-CU03	134	KT10	0.09	0
Butler 3	BP11-CU03	135	KT10	0.09	0
Butler 3	BP11-CU03	136	KT10	0.2	0
Butler 3	BP11-CU03	137	KT10	0.39	0
Butler 3	BP11-CU03	138	KT10	0	0
Butler 3	BP11-CU03	139	KT10	0.59	0
Butler 3	BP11-CU03	140	KT10	0.46	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP11-CU03	141	KT10	0.9	0
Butler 3	BP11-CU03	142	KT10	0.09	0
Butler 3	BP11-CU03	143	KT10	0	0
Butler 3	BP11-CU03	144	KT10	0.24	0
Butler 3	BP11-CU03	145	KT10	0.09	0
Butler 3	BP11-CU03	146	KT10	0.13	0
Butler 3	BP11-CU03	147	KT10	0.55	0
Butler 3	BP11-CU03	148	KT10	0.39	0
Butler 3	BP11-CU03	149	KT10	0.53	0
Butler 3	BP11-CU03	150	KT10	0.83	0
Butler 3	BP11-CU03	151	KT10	0.55	0
Butler 3	BP11-CU03	152	KT10	0.66	0
Butler 3	BP11-CU03	153	KT10	0.68	0
Butler 3	BP11-CU03	154	KT10	0.68	0
Butler 3	BP11-CU03	155	KT10	0.48	0
Butler 3	BP11-CU03	156	KT10	0.09	0
Butler 3	BP11-CU03	157	KT10	0.2	0
Butler 3	BP11-CU03	158	KT10	0.24	0
Butler 3	BP11-CU03	159	KT10	0.92	0
Butler 3	BP11-CU03	160	KT10	0.86	0
Butler 3	BP11-CU03	161	KT10	0.55	0
Butler 3	BP11-CU03	162	KT10	81.7	0
Butler 3	BP11-CU03	163	KT10	2.17	0
Butler 3	BP11-CU03	164	KT10	15.6	0
Butler 3	BP11-CU03	165	KT10	12.2	0
Butler 3	BP11-CU03	166	KT10	26.2	0
Butler 3	BP11-CU03	167	KT10	4.74	0
Butler 3	BP11-CU03	168	KT10	1.58	0
Butler 3	BP11-CU03	169	KT10	9.67	0
Butler 3	BP11-CU03	170	KT10	4.23	0
Butler 3	BP11-CU03	171	KT10	36.4	0
Butler 3	BP11-CU03	172	KT10	0.83	0
Butler 3	BP11-CU03	173	KT10	18.7	0
Butler 3	BP11-CU03	174	KT10	0.79	0
Butler 3	BP11-CU03	175	KT10	1.1	0
Butler 3	BP11-CU03	176	KT10	2.24	0
Butler 3	BP11-CU03	177	KT10	1.67	0
Butler 3	BP11-CU03	178	KT10	17.4	0
Butler 3	BP11-CU03	179	KT10	0.92	0
Butler 3	BP11-CU03	180	KT10	0.7	0
Butler 3	BP11-CU03	181	KT10	20.3	0
Butler 3	BP11-CU03	182	KT10	8.8	0
Butler 3	BP11-CU03	183	KT10	45.2	0
Butler 3	BP11-CU03	184	KT10	0.86	0
Butler 3	BP11-CU03	185	KT10	0.9	0
Butler 3	BP11-CU03	186	KT10	1.43	0
Butler 3	BP11-CU03	187	KT10	1.6	0
Butler 3	BP11-CU03	188	KT10	0.2	0
Butler 3	BP11-CU03	189	KT10	0.04	0
Butler 3	BP11-CU03	190	KT10	0.53	0
Butler 3	BP11-CU03	191	KT10	1.21	0
Butler 3	BP11-CU03	192	KT10	6.17	0
Butler 3	BP11-CU03	193	KT10	0.66	0
Butler 3	BP11-CU03	194	KT10	0.55	0
Butler 3	BP11-CU03	195	KT10	0.42	0
Butler 3	BP11-CU03	196	KT10	0.61	0
Butler 3	BP11-CU03	197	KT10	0.7	0
Butler 3	BP11-CU03	198	KT10	0.7	0
Butler 3	BP11-CU03	199	KT10	0.77	0
Butler 3	BP11-CU03	200	KT10	0.75	0
Butler 3	BP11-CU03	201	KT10	1.29	0
Butler 3	BP11-CU03	202	KT10	0.33	0
Butler 3	BP11-CU03	203	KT10	0.15	0
Butler 3	BP11-CU03	204	KT10	0	0
Butler 3	BP11-CU03	205	KT10	0.46	0
Butler 3	BP11-CU03	206	KT10	0.29	0
Butler 3	BP11-CU03	207	KT10	0	0
Butler 3	BP11-CU03	208	KT10	12	0
Butler 3	BP11-CU03	209	KT10	0	0
Butler 3	BP11-CU03	210	KT10	2.21	0
Butler 3	BP11-CU03	211	KT10	0	0
Butler 3	BP11-CU03	212	KT10	0	0
Butler 3	BP11-CU03	213	KT10	0	0
Butler 3	BP11-CU03	214	KT10	0	0
Butler 3	BP11-CU03	215	KT10	0.77	0
Butler 3	BP11-CU03	216	KT10	0.63	0
Butler 3	BP11-CU03	217	KT10	6.38	0
Butler 3	BP11-CU03	218	KT10	5.16	0
Butler 3	BP11-CU03	219	KT10	14.3	0
Butler 3	BP11-CU03	220	KT10	7.15	0
Butler 3	BP11-CU03	221	KT10	2.56	0
Butler 3	BP11-CU03	222	KT10	3.35	0
Butler 3	BP11-CU03	223	KT10	3.15	0
Butler 3	BP11-CU03	224	KT10	2.08	0
Butler 3	BP11-CU03	225	KT10	2.45	0
Butler 3	BP11-CU03	226	KT10	2.73	0
Butler 3	BP11-CU03	227	KT10	43.3	0
Butler 3	BP11-CU03	228	KT10	14.3	0
Butler 3	BP11-CU03	229	KT10	8	0
Butler 3	BP11-CU03	230	KT10	20.7	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP11-CU03	231	KT10	4.05	0
Butler 3	BP11-CU03	232	KT10	15.7	0
Butler 3	BP11-CU03	233	KT10	25.8	0
Butler 3	BP11-CU03	234	KT10	2.71	0
Butler 3	BP11-CU03	235	KT10	2.43	0
Butler 3	BP11-CU03	236	KT10	42.2	0
Butler 3	BP11-CU03	237	KT10	25.6	0
Butler 3	BP11-CU03	238	KT10	2.78	0
Butler 3	BP11-CU03	239	KT10	0.5	0
Butler 3	BP11-CU03	240	KT10	6.58	0
Butler 3	BP11-CU03	241	KT10	1.05	0
Butler 3	BP11-CU03	242	KT10	14	0
Butler 3	BP11-CU03	243	KT10	24.8	0
Butler 3	BP11-CU03	244	KT10	35.6	0
Butler 3	BP11-CU03	245	KT10	42	0
Butler 3	BP11-CU03	246	KT10	2.23	0
Butler 3	BP11-CU03	247	KT10	2.27	0
Butler 3	BP11-CU03	248	KT10	16.7	0
Butler 3	BP11-CU03	249	KT10	5.75	0
Butler 3	BP11-CU03	250	KT10	13.7	0
Butler 3	BP11-CU03	251	KT10	44	0
Butler 3	BP11-CU03	252	KT10	58.5	0
Butler 3	BP11-CU03	253	KT10	69.2	0
Butler 3	BP11-CU03	254	KT10	76.7	0
Butler 3	BP11-CU03	255	KT10	38.9	0
Butler 3	BP11-CU03	256	KT10	105	0
Butler 3	BP11-CU03	257	KT10	91.4	0
Butler 3	BP11-CU03	258	KT10	98.8	0
Butler 3	BP11-CU03	259	KT10	53	0
Butler 3	BP11-CU03	260	KT10	55.8	0
Butler 3	BP11-CU03	261	KT10	22.2	0
Butler 3	BP11-CU03	262	KT10	57.8	0
Butler 3	BP11-CU03	263	KT10	46.6	0
Butler 3	BP11-CU03	264	KT10	92.2	0
Butler 3	BP11-CU03	265	KT10	91.2	0
Butler 3	BP11-CU03	266	KT10	47.7	588
Butler 3	BP11-CU03	267	KT10	49.4	351
Butler 3	BP11-CU03	268	KT10	0.61	0
Butler 3	BP11-CU03	269	KT10	4.94	0
Butler 3	BP11-CU03	270	KT10	11.4	0
Butler 3	BP11-CU03	271	KT10	7.24	0
Butler 3	BP11-CU03	272	KT10	8.38	0
Butler 3	BP11-CU03	273	KT10	27.1	0
Butler 3	BP11-CU03	273.5	KT10	21.3	158
Butler 3	BP11-CU03	274	KT10	222	83.1
Butler 3	BP11-CU03	274.5	KT10	253	0
Butler 3	BP11-CU03	275	KT10	273	0
Butler 3	BP11-CU03	275.5	KT10	376	386
Butler 3	BP11-CU03	276	KT10	479	19.8
Butler 3	BP11-CU03	276.5	KT10	291	1759
Butler 3	BP11-CU03	277	KT10	1.03	0
Butler 3	BP11-CU03	277.5	KT10	5.34	0
Butler 3	BP11-CU03	278	KT10	2.98	0
Butler 3	BP11-CU03	278.5	KT10	98.8	0
Butler 3	BP11-CU03	279	KT10	25.4	0
Butler 3	BP11-CU03	279.5	KT10	68.9	0
Butler 3	BP11-CU03	280	KT10	81.4	0
Butler 3	BP11-CU03	280.5	KT10	207	0
Butler 3	BP11-CU03	281	KT10	143	0
Butler 3	BP11-CU03	281.5	KT10	168	0
Butler 3	BP11-CU03	282	KT10	194	0
Butler 3	BP11-CU03	282.5	KT10	98.4	0
Butler 3	BP11-CU03	283	KT10	38.2	0
Butler 3	BP11-CU03	283.5	KT10	35.4	0
Butler 3	BP11-CU03	284	KT10	44.2	0
Butler 3	BP11-CU03	284.5	KT10	140	0
Butler 3	BP11-CU03	285	KT10	159	0
Butler 3	BP11-CU03	285.5	KT10	225	0
Butler 3	BP11-CU03	286	KT10	323	42.3
Butler 3	BP11-CU03	286.5	KT10	439	1.1
Butler 3	BP11-CU03	287	KT10	612	0.9
Butler 3	BP11-CU03	287.5	KT10	231	345
Butler 3	BP11-CU03	288	KT10	472	1.2
Butler 3	BP11-CU03	288.5	KT10	323	87.8
Butler 3	BP11-CU03	289	KT10	201	0
Butler 3	BP11-CU03	289.5	KT10	153	0
Butler 3	BP11-CU03	290	KT10	428	0
Butler 3	BP11-CU03	290.5	KT10	53.7	6
Butler 3	BP11-CU03	291	KT10	153	0
Butler 3	BP11-CU03	291.5	KT10	81.4	7.9
Butler 3	BP11-CU03	292	KT10	109	5.6
Butler 3	BP11-CU03	292.5	KT10	364	9.8
Butler 3	BP11-CU03	293	KT10	997	0.2
Butler 3	BP11-CU03	293.5	KT10	1043	0.9
Butler 3	BP11-CU03	294	KT10	321	0
Butler 3	BP11-CU03	294.5	KT10	330	23.3
Butler 3	BP11-CU03	295	KT10	376	0
Butler 3	BP11-CU03	295.5	KT10	1052	1.2
Butler 3	BP11-CU03	296	KT10	185	0
Butler 3	BP11-CU03	296.5	KT10	241	34.4

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP11-CU03	297	KT10	210	418
Butler 3	BP11-CU03	297.5	KT10	333	209
Butler 3	BP11-CU03	298	KT10	162	402
Butler 3	BP11-CU03	298.5	KT10	203	0
Butler 3	BP11-CU03	299	KT10	534	0.2
Butler 3	BP11-CU03	299.5	KT10	10.5	15.7
Butler 3	BP11-CU03	300	KT10	0.5	0
Butler 3	BP11-CU03	300.5	KT10	1.31	0
Butler 3	BP11-CU03	301	KT10	0.2	0
Butler 3	BP11-CU03	301.5	KT10	0	0
Butler 3	BP11-CU03	302	KT10	0	0
Butler 3	BP11-CU03	302.5	KT10	1.53	0
Butler 3	BP11-CU03	303	KT10	0	0
Butler 3	BP11-CU03	303.5	KT10	0.09	0
Butler 3	BP11-CU03	304	KT10	0.88	0
Butler 3	BP11-CU03	304.5	KT10	8.26	0
Butler 3	BP11-CU03	305	KT10	22.9	4.6
Butler 3	BP11-CU03	305.5	KT10	0.02	13.2
Butler 3	BP11-CU03	306	KT10	0.15	23.9
Butler 3	BP11-CU03	306.5	KT10	35	52.2
Butler 3	BP11-CU03	307	KT10	9.6	0
Butler 3	BP11-CU03	307.5	KT10	109	0
Butler 3	BP11-CU03	308	KT10	253	0
Butler 3	BP11-CU03	308.5	KT10	82	0
Butler 3	BP11-CU03	309	KT10	22.2	0
Butler 3	BP11-CU03	309.5	KT10	17.9	96.6
Butler 3	BP11-CU03	310	KT10	22.8	0
Butler 3	BP11-CU03	310.5	KT10	25.3	0
Butler 3	BP11-CU03	311	KT10	57.3	80.4
Butler 3	BP11-CU03	311.5	KT10	61.7	0
Butler 3	BP11-CU03	312	KT10	1.91	0
Butler 3	BP11-CU03	312.5	KT10	3.11	150
Butler 3	BP11-CU03	313	KT10	60.7	0
Butler 3	BP11-CU03	313.5	KT10	4.23	0
Butler 3	BP11-CU03	314	KT10	0	0
Butler 3	BP11-CU03	314.5	KT10	0.42	0
Butler 3	BP11-CU03	315	KT10	6.51	0
Butler 3	BP11-CU03	315.5	KT10	19.2	0
Butler 3	BP11-CU03	316	KT10	4.91	0
Butler 3	BP11-CU03	316.5	KT10	70.7	0
Butler 3	BP11-CU03	317	KT10	149	0
Butler 3	BP11-CU03	317.5	KT10	143	0
Butler 3	BP11-CU03	318	KT10	90.2	0
Butler 3	BP11-CU03	318.5	KT10	35.9	0
Butler 3	BP11-CU03	319	KT10	9.9	0
Butler 3	BP11-CU03	319.5	KT10	26.9	0
Butler 3	BP11-CU03	320	KT10	15.6	0
Butler 3	BP11-CU03	320.5	KT10	0	0
Butler 3	BP11-CU03	321	KT10	0.53	0
Butler 3	BP11-CU03	321.5	KT10	91.6	0
Butler 3	BP11-CU03	322	KT10	116	0
Butler 3	BP11-CU03	322.5	KT10	14.1	0
Butler 3	BP11-CU03	323	KT10	89.5	0
Butler 3	BP11-CU03	323.5	KT10	84.4	0
Butler 3	BP11-CU03	324	KT10	73.6	0
Butler 3	BP11-CU03	324.5	KT10	63.6	0
Butler 3	BP11-CU03	325	KT10	29.9	0
Butler 3	BP11-CU03	325.5	KT10	23.3	0
Butler 3	BP11-CU03	326	KT10	18.3	0
Butler 3	BP11-CU03	327	KT10	36.1	0
Butler 3	BP11-CU03	328	KT10	17.6	0
Butler 3	BP11-CU03	329	KT10	29	0
Butler 3	BP11-CU03	330	KT10	10.3	0
Butler 3	BP11-CU03	331	KT10	0.92	0
Butler 3	BP11-CU03	332	KT10	2.06	0
Butler 3	BP11-CU03	333	KT10	0.48	0
Butler 3	BP11-CU03	334	KT10	0.44	0
Butler 3	BP11-CU03	335	KT10	0	0
Butler 3	BP11-CU03	336	KT10	0.55	0
Butler 3	BP11-CU03	337	KT10	0.5	0
Butler 3	BP11-CU03	338	KT10	0.28	0
Butler 3	BP11-CU03	339	KT10	17.4	0
Butler 6	BP11-V05	12	KT10	0.81	0
Butler 6	BP11-V05	13	KT10	0.68	0
Butler 6	BP11-V05	14	KT10	0.74	0
Butler 6	BP11-V05	15	KT10	0.44	0
Butler 6	BP11-V05	16	KT10	0.57	0
Butler 6	BP11-V05	17	KT10	0.64	0
Butler 6	BP11-V05	18	KT10	0.18	0
Butler 6	BP11-V05	19	KT10	0.64	0
Butler 6	BP11-V05	20	KT10	0.5	0
Butler 6	BP11-V05	21	KT10	0.35	0
Butler 6	BP11-V05	22	KT10	2.28	0
Butler 6	BP11-V05	23	KT10	0.04	0
Butler 6	BP11-V05	24	KT10	0	0
Butler 6	BP11-V05	25	KT10	0.07	0
Butler 6	BP11-V05	26	KT10	0.44	0
Butler 6	BP11-V05	27	KT10	1.07	0
Butler 6	BP11-V05	28	KT10	1.38	0
Butler 6	BP11-V05	29	KT10	2.5	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 6	BP11-V05	30	KT10	0.81	0
Butler 6	BP11-V05	31	KT10	1.49	0
Butler 6	BP11-V05	32	KT10	0.92	0
Butler 6	BP11-V05	33	KT10	1.36	0
Butler 6	BP11-V05	34	KT10	0.92	0
Butler 6	BP11-V05	35	KT10	1.51	0
Butler 6	BP11-V05	36	KT10	0.72	0
Butler 6	BP11-V05	37	KT10	0.88	0
Butler 6	BP11-V05	38	KT10	0.81	0
Butler 6	BP11-V05	39	KT10	0.26	0
Butler 6	BP11-V05	40	KT10	0.83	0
Butler 6	BP11-V05	41	KT10	0.28	0
Butler 6	BP11-V05	42	KT10	0.5	0
Butler 6	BP11-V05	43	KT10	0.99	0
Butler 6	BP11-V05	44	KT10	1.03	0
Butler 6	BP11-V05	45	KT10	0.96	0
Butler 6	BP11-V05	46	KT10	0.68	0
Butler 6	BP11-V05	47	KT10	0.26	0
Butler 6	BP11-V05	48	KT10	0.15	0
Butler 6	BP11-V05	49	KT10	2.04	0
Butler 6	BP11-V05	50	KT10	0.18	0
Butler 6	BP11-V05	51	KT10	1.34	0
Butler 6	BP11-V05	52	KT10	1.51	0
Butler 6	BP11-V05	53	KT10	1.53	0
Butler 6	BP11-V05	54	KT10	1.27	0
Butler 6	BP11-V05	55	KT10	1.36	0
Butler 6	BP11-V05	56	KT10	1.53	0
Butler 6	BP11-V05	57	KT10	1.73	0
Butler 6	BP11-V05	58	KT10	1.69	0
Butler 6	BP11-V05	59	KT10	1.93	0
Butler 6	BP11-V05	60	KT10	2.28	0
Butler 6	BP11-V05	61	KT10	1.86	0
Butler 6	BP11-V05	62	KT10	0.77	0
Butler 6	BP11-V05	63	KT10	0.92	0
Butler 6	BP11-V05	64	KT10	1.16	0
Butler 6	BP11-V05	65	KT10	0.64	0
Butler 6	BP11-V05	66	KT10	1.51	0
Butler 6	BP11-V05	67	KT10	1.42	0
Butler 6	BP11-V05	68	KT10	1.12	0
Butler 6	BP11-V05	69	KT10	1.88	0
Butler 6	BP11-V05	70	KT10	1.71	0
Butler 6	BP11-V05	71	KT10	0.81	0
Butler 6	BP11-V05	72	KT10	0.09	0
Butler 6	BP11-V05	73	KT10	3.29	0
Butler 6	BP11-V05	74	KT10	0.53	0
Butler 6	BP11-V05	75	KT10	0.64	0
Butler 6	BP11-V05	76	KT10	0.5	0
Butler 6	BP11-V05	77	KT10	0.61	0
Butler 6	BP11-V05	78	KT10	0.39	0
Butler 6	BP11-V05	79	KT10	0.88	0
Butler 6	BP11-V05	80	KT10	0.11	0
Butler 6	BP11-V05	81	KT10	0.22	0
Butler 6	BP11-V05	82	KT10	0	0
Butler 6	BP11-V05	83	KT10	0.42	0
Butler 6	BP11-V05	84	KT10	0.48	0
Butler 6	BP11-V05	85	KT10	5.17	0
Butler 6	BP11-V05	86	KT10	452	0
Butler 6	BP11-V05	87	KT10	441	0
Butler 6	BP11-V05	88	KT10	2.72	0
Butler 6	BP11-V05	89	KT10	175	0
Butler 6	BP11-V05	90	KT10	57.6	0
Butler 6	BP11-V05	91	KT10	164	0
Butler 6	BP11-V05	92	KT10	53	0
Butler 6	BP11-V05	93	KT10	98.4	0
Butler 6	BP11-V05	94	KT10	65.6	0
Butler 6	BP11-V05	95	KT10	126	0
Butler 6	BP11-V05	96	KT10	734	1.6
Butler 6	BP11-V05	97	KT10	266	0
Butler 6	BP11-V05	98	KT10	53.4	0
Butler 6	BP11-V05	99	KT10	425	0
Butler 6	BP11-V05	100	KT10	859	0.8
Butler 6	BP11-V05	101	KT10	2.43	0
Butler 6	BP11-V05	102	KT10	28.8	0
Butler 6	BP11-V05	103	KT10	22.5	0
Butler 6	BP11-V05	104	KT10	6.48	0
Butler 6	BP11-V05	105	KT10	1.71	0
Butler 6	BP11-V05	106	KT10	156	0
Butler 6	BP11-V05	107	KT10	885	0.2
Butler 6	BP11-V05	108	KT10	1183	0.1
Butler 6	BP11-V05	109	KT10	112	0
Butler 6	BP11-V05	110	KT10	1105	0.1
Butler 6	BP11-V05	111	KT10	197	0
Butler 6	BP11-V05	112	KT10	420	67.9
Butler 6	BP11-V05	113	KT10	29.1	0
Butler 6	BP11-V05	114	KT10	444	0
Butler 6	BP11-V05	115	KT10	142	0
Butler 6	BP11-V05	116	KT10	1.58	0
Butler 6	BP11-V05	117	KT10	92.3	0
Butler 6	BP11-V05	118	KT10	41.8	0
Butler 6	BP11-V05	119	KT10	68.9	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 6	BP11-V05	120	KT10	2.1	0
Butler 6	BP11-V05	121	KT10	1.42	0
Butler 6	BP11-V05	122	KT10	0.83	0
Butler 6	BP11-V05	123	KT10	1.75	0
Butler 6	BP11-V05	124	KT10	2.89	0
Butler 6	BP11-V05	125	KT10	0.26	0
Butler 6	BP11-V05	126	KT10	0.22	0
Butler 6	BP11-V05	127	KT10	0.26	0
Butler 6	BP11-V05	128	KT10	1.73	0
Butler 6	BP11-V05	129	KT10	2.54	0
Butler 6	BP11-V05	130	KT10	0.57	0
Butler 6	BP11-V05	131	KT10	0	0
Butler 6	BP11-V05	132	KT10	0.24	0
Butler 6	BP11-V05	133	KT10	0.39	0
Butler 6	BP11-V05	134	KT10	0.39	0
Butler 6	BP11-V05	135	KT10	1.42	0
Butler 6	BP11-V05	136	KT10	0.68	0
Butler 6	BP11-V05	137	KT10	0.77	0
Butler 6	BP11-V05	138	KT10	0.94	0
Butler 6	BP11-V05	139	KT10	0.81	0
Butler 6	BP11-V05	140	KT10	1.01	0
Butler 6	BP11-V05	141	KT10	1.07	0
Butler 6	BP11-V05	142	KT10	1.05	0
Butler 6	BP11-V05	143	KT10	1.18	0
Butler 6	BP11-V05	144	KT10	1.34	0
Butler 6	BP11-V05	145	KT10	1.69	0
Butler 6	BP11-V05	146	KT10	0	0
Butler 6	BP11-V05	147	KT10	2.17	0
Butler 6	BP11-V05	148	KT10	0	0
Butler 6	BP11-V05	149	KT10	0.11	0
Butler 6	BP11-V05	150	KT10	0.39	0
Butler 6	BP11-V05	151	KT10	0.37	0
Butler 6	BP11-V05	152	KT10	0.37	0
Butler 6	BP11-V05	153	KT10	1.97	0
Butler 6	BP11-V05	154	KT10	4.73	0
Butler 6	BP11-V05	155	KT10	1.95	0
Butler 6	BP11-V05	156	KT10	61.8	0
Butler 6	BP11-V05	157	KT10	54.3	0
Butler 6	BP11-V05	158	KT10	8.48	0
Butler 6	BP11-V05	159	KT10	2.7	0
Butler 6	BP11-V05	159.5	KT10	1130	1.1
Butler 6	BP11-V05	160	KT10	1347	1.4
Butler 6	BP11-V05	160.5	KT10	725	0.7
Butler 6	BP11-V05	161	KT10	671	0.9
Butler 6	BP11-V05	162	KT10	322	0
Butler 6	BP11-V05	163	KT10	784	2
Butler 6	BP11-V05	164	KT10	697	3.1
Butler 6	BP11-V05	165	KT10	245	0
Butler 6	BP11-V05	166	KT10	719	1.4
Butler 6	BP11-V05	167	KT10	574	127
Butler 6	BP11-V05	168	KT10	739	4.2
Butler 6	BP11-V05	169	KT10	667	1.1
Butler 6	BP11-V05	170	KT10	858	3.7
Butler 6	BP11-V05	171	KT10	803	12.1
Butler 6	BP11-V05	172	KT10	732	0.9
Butler 6	BP11-V05	173	KT10	596	0.7
Butler 6	BP11-V05	174	KT10	392	0
Butler 6	BP11-V05	175	KT10	54.1	0
Butler 6	BP11-V05	176	KT10	265	0
Butler 6	BP11-V05	177	KT10	23.8	0
Butler 6	BP11-V05	178	KT10	528	0.2
Butler 6	BP11-V05	179	KT10	300	0
Butler 6	BP11-V05	180	KT10	338	0
Butler 6	BP11-V05	181	KT10	101	0
Butler 6	BP11-V05	182	KT10	486	0
Butler 6	BP11-V05	183	KT10	566	0.9
Butler 6	BP11-V05	184	KT10	329	0
Butler 6	BP11-V05	185	KT10	328	0
Butler 6	BP11-V05	186	KT10	548	1.2
Butler 6	BP11-V05	187	KT10	464	1.1
Butler 6	BP11-V05	188	KT10	441	1.4
Butler 6	BP11-V05	189	KT10	446	0
Butler 6	BP11-V05	190	KT10	2.35	0
Butler 6	BP11-V05	191	KT10	2.19	0
Butler 6	BP11-V05	192	KT10	3.18	0
Butler 6	BP11-V05	193	KT10	3.38	0
Butler 6	BP11-V05	194	KT10	0.83	0
Butler 6	BP11-V05	195	KT10	0.61	0
Butler 6	BP11-V05	196	KT10	3.7	0
Butler 6	BP11-V05	197	KT10	0.81	0
Butler 6	BP11-V05	198	KT10	1.82	0
Butler 6	BP11-V05	199	KT10	0.81	0
Butler 6	BP11-V05	200	KT10	0.13	0
Butler 6	BP11-V05	201	KT10	0	0
Butler 6	BP11-V05	202	KT10	4.76	0
Butler 6	BP11-V05	203	KT10	0.99	0
Butler 6	BP11-V05	204	KT10	0	0
Butler 6	BP11-V05	205	KT10	0	0
Butler 6	BP11-V05	206	KT10	8.9	0
Butler 6	BP11-V05	207	KT10	3.18	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 6	BP11-V05	208	KT10	0.92	0
Butler 6	BP11-V05	209	KT10	0.11	0
Butler 6	BP11-V05	210	KT10	0.35	0
Butler 6	BP11-V05	211	KT10	0	0
Butler 6	BP11-V05	212	KT10	0	0
Butler 6	BP11-V05	213	KT10	0	0
Butler 6	BP11-V05	214	KT10	0	0
Butler 6	BP11-V05	215	KT10	0	0
Butler 6	BP11-V05	216	KT10	0	0
Butler 6	BP11-V05	217	KT10	0	0
Butler 6	BP11-V05	218	KT10	0	0
Butler 6	BP11-V05	219	KT10	0	0
Butler 6	BP11-V05	220	KT10	1.03	0
Butler 6	BP11-V05	221	KT10	1.36	0
Butler 6	BP11-V05	222	KT10	9.11	0
Butler 6	BP11-V05	223	KT10	0	0
Butler 6	BP11-V05	224	KT10	0	0
Butler 6	BP11-V05	225	KT10	0	0
Butler 6	BP11-V05	226	KT10	57.1	0
Butler 6	BP11-V05	227	KT10	0.77	0
Butler 6	BP11-V05	228	KT10	0.26	0
Butler 6	BP11-V05	229	KT10	93.5	0
Butler 6	BP11-V05	230	KT10	3.82	0
Butler 6	BP11-V05	231	KT10	3.71	0
Butler 6	BP11-V05	232	KT10	9.11	0
Butler 6	BP11-V05	233	KT10	108	0
Butler 6	BP11-V05	234	KT10	0	0
Butler 6	BP11-V05	235	KT10	0	0
Butler 6	BP11-V05	236	KT10	0	0
Butler 6	BP11-V05	237	KT10	0	0
Butler 6	BP11-V05	238	KT10	0	0
Butler 6	BP11-V05	239	KT10	79	0
Butler 6	BP11-V05	240	KT10	45.4	0
Butler 6	BP11-V05	241	KT10	8.36	0
Butler 6	BP11-V05	242	KT10	72.4	0
Butler 6	BP11-V05	243	KT10	78.5	0
Butler 6	BP11-V05	244	KT10	29.9	0
Butler 6	BP11-V05	245	KT10	31.4	0
Butler 6	BP11-V05	246	KT10	334	0
Butler 6	BP11-V05	247	KT10	479	0
Butler 6	BP11-V05	248	KT10	0	0
Butler 6	BP11-V05	249	KT10	4.08	0
Butler 3 Footwall	BP12-CU08	15	KT10	0.18	0
Butler 3 Footwall	BP12-CU08	16	KT10	4.75	0
Butler 3 Footwall	BP12-CU08	17	KT10	10.1	0
Butler 3 Footwall	BP12-CU08	18	KT10	2.48	0
Butler 3 Footwall	BP12-CU08	19	KT10	3.88	0
Butler 3 Footwall	BP12-CU08	20	KT10	0.02	0
Butler 3 Footwall	BP12-CU08	21	KT10	0.25	0
Butler 3 Footwall	BP12-CU08	22	KT10	0.14	0
Butler 3 Footwall	BP12-CU08	23	KT10	43.3	0
Butler 3 Footwall	BP12-CU08	24	KT10	52.8	0
Butler 3 Footwall	BP12-CU08	25	KT10	33.9	0
Butler 3 Footwall	BP12-CU08	26	KT10	11	0
Butler 3 Footwall	BP12-CU08	27	KT10	3.16	0
Butler 3 Footwall	BP12-CU08	28	KT10	18.5	0
Butler 3 Footwall	BP12-CU08	29	KT10	0.76	0
Butler 3 Footwall	BP12-CU08	30	KT10	0.34	0
Butler 3 Footwall	BP12-CU08	31	KT10	0.62	0
Butler 3 Footwall	BP12-CU08	32	KT10	3.69	0
Butler 3 Footwall	BP12-CU08	33	KT10	4.93	0
Butler 3 Footwall	BP12-CU08	34	KT10	17.2	0
Butler 3 Footwall	BP12-CU08	35	KT10	15.6	0
Butler 3 Footwall	BP12-CU08	36	KT10	8.92	0
Butler 3 Footwall	BP12-CU08	37	KT10	1.47	0
Butler 3 Footwall	BP12-CU08	38	KT10	14.7	0
Butler 3 Footwall	BP12-CU08	39	KT10	1.83	0
Butler 3 Footwall	BP12-CU08	40	KT10	1.07	0
Butler 3 Footwall	BP12-CU08	41	KT10	18.2	0
Butler 3 Footwall	BP12-CU08	42	KT10	10.2	0
Butler 3 Footwall	BP12-CU08	43	KT10	20.4	0
Butler 3 Footwall	BP12-CU08	44	KT10	44.2	0
Butler 3 Footwall	BP12-CU08	45	KT10	48.9	0
Butler 3 Footwall	BP12-CU08	46	KT10	28.4	0
Butler 3 Footwall	BP12-CU08	47	KT10	23.1	0
Butler 3 Footwall	BP12-CU08	48	KT10	78.4	0
Butler 3 Footwall	BP12-CU08	49	KT10	5.12	0
Butler 3 Footwall	BP12-CU08	50	KT10	20.7	0
Butler 3 Footwall	BP12-CU08	51	KT10	10.9	0
Butler 3 Footwall	BP12-CU08	52	KT10	15.1	0
Butler 3 Footwall	BP12-CU08	53	KT10	15.8	0
Butler 3 Footwall	BP12-CU08	54	KT10	12.3	0
Butler 3 Footwall	BP12-CU08	55	KT10	102	0
Butler 3 Footwall	BP12-CU08	56	KT10	52.3	0
Butler 3 Footwall	BP12-CU08	57	KT10	105	0
Butler 3 Footwall	BP12-CU08	58	KT10	1.76	0
Butler 3 Footwall	BP12-CU08	59	KT10	1.14	0
Butler 3 Footwall	BP12-CU08	60	KT10	30	0
Butler 3 Footwall	BP12-CU08	61	KT10	8.65	0
Butler 3 Footwall	BP12-CU08	62	KT10	53.3	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU08	63	KT10	1.28	0
Butler 3 Footwall	BP12-CU08	64	KT10	42.1	0
Butler 3 Footwall	BP12-CU08	65	KT10	0.98	0
Butler 3 Footwall	BP12-CU08	66	KT10	2.24	0
Butler 3 Footwall	BP12-CU08	67	KT10	0.87	0
Butler 3 Footwall	BP12-CU08	68	KT10	0.71	0
Butler 3 Footwall	BP12-CU08	69	KT10	0.78	0
Butler 3 Footwall	BP12-CU08	70	KT10	3.93	0
Butler 3 Footwall	BP12-CU08	71	KT10	7.02	0
Butler 3 Footwall	BP12-CU08	72	KT10	0.73	0
Butler 3 Footwall	BP12-CU08	73	KT10	13.7	0
Butler 3 Footwall	BP12-CU08	74	KT10	1.01	0
Butler 3 Footwall	BP12-CU08	75	KT10	2.74	0
Butler 3 Footwall	BP12-CU08	76	KT10	6.06	0
Butler 3 Footwall	BP12-CU08	77	KT10	15.8	0
Butler 3 Footwall	BP12-CU08	78	KT10	6.81	0
Butler 3 Footwall	BP12-CU08	79	KT10	44.8	0
Butler 3 Footwall	BP12-CU08	80	KT10	0.34	0
Butler 3 Footwall	BP12-CU08	81	KT10	40.4	0
Butler 3 Footwall	BP12-CU08	82	KT10	0.78	0
Butler 3 Footwall	BP12-CU08	83	KT10	0.91	0
Butler 3 Footwall	BP12-CU08	84	KT10	112	0
Butler 3 Footwall	BP12-CU08	85	KT10	0.96	0
Butler 3 Footwall	BP12-CU08	86	KT10	0.98	0
Butler 3 Footwall	BP12-CU08	87	KT10	15.5	0
Butler 3 Footwall	BP12-CU08	88	KT10	0.69	0
Butler 3 Footwall	BP12-CU08	89	KT10	3.18	0
Butler 3 Footwall	BP12-CU08	90	KT10	0.94	0
Butler 3 Footwall	BP12-CU08	91	KT10	6.58	0
Butler 3 Footwall	BP12-CU08	92	KT10	0.48	0
Butler 3 Footwall	BP12-CU08	93	KT10	0.07	0
Butler 3 Footwall	BP12-CU08	94	KT10	1.65	0
Butler 3 Footwall	BP12-CU08	95	KT10	1.17	0
Butler 3 Footwall	BP12-CU08	96	KT10	1.01	0
Butler 3 Footwall	BP12-CU08	97	KT10	7.18	0
Butler 3 Footwall	BP12-CU08	98	KT10	18.6	0
Butler 3 Footwall	BP12-CU08	99	KT10	6.88	0
Butler 3 Footwall	BP12-CU08	100	KT10	0.53	0
Butler 3 Footwall	BP12-CU08	101	KT10	0.41	0
Butler 3 Footwall	BP12-CU08	102	KT10	2.49	0
Butler 3 Footwall	BP12-CU08	103	KT10	112	0
Butler 3 Footwall	BP12-CU08	104	KT10	98.6	0
Butler 3 Footwall	BP12-CU08	105	KT10	68.2	0
Butler 3 Footwall	BP12-CU08	106	KT10	1.65	0
Butler 3 Footwall	BP12-CU08	107	KT10	13	0
Butler 3 Footwall	BP12-CU08	108	KT10	6.15	0
Butler 3 Footwall	BP12-CU08	109	KT10	1.53	0
Butler 3 Footwall	BP12-CU08	110	KT10	3.61	0
Butler 3 Footwall	BP12-CU08	111	KT10	1.58	0
Butler 3 Footwall	BP12-CU08	112	KT10	16.6	0
Butler 3 Footwall	BP12-CU08	113	KT10	107	0
Butler 3 Footwall	BP12-CU08	114	KT10	114	0
Butler 3 Footwall	BP12-CU08	115	KT10	140	0
Butler 3 Footwall	BP12-CU08	116	KT10	16.1	0
Butler 3 Footwall	BP12-CU08	117	KT10	15	0
Butler 3 Footwall	BP12-CU08	118	KT10	46.3	0
Butler 3 Footwall	BP12-CU08	119	KT10	19.2	0
Butler 3 Footwall	BP12-CU08	120	KT10	1.6	0
Butler 3 Footwall	BP12-CU08	121	KT10	2.86	0
Butler 3 Footwall	BP12-CU08	122	KT10	77.5	0
Butler 3 Footwall	BP12-CU08	123	KT10	108	0
Butler 3 Footwall	BP12-CU08	124	KT10	24.4	0
Butler 3 Footwall	BP12-CU08	125	KT10	1.49	0
Butler 3 Footwall	BP12-CU08	126	KT10	1.35	0
Butler 3 Footwall	BP12-CU08	127	KT10	1.4	0
Butler 3 Footwall	BP12-CU08	128	KT10	1.49	0
Butler 3 Footwall	BP12-CU08	129	KT10	1.26	0
Butler 3 Footwall	BP12-CU08	130	KT10	1.37	0
Butler 3 Footwall	BP12-CU08	131	KT10	1.76	0
Butler 3 Footwall	BP12-CU08	132	KT10	2.92	0
Butler 3 Footwall	BP12-CU08	133	KT10	5.25	0
Butler 3 Footwall	BP12-CU08	134	KT10	4.16	0
Butler 3 Footwall	BP12-CU08	135	KT10	12.1	0
Butler 3 Footwall	BP12-CU08	136	KT10	10.9	0
Butler 3 Footwall	BP12-CU08	137	KT10	4.32	0
Butler 3 Footwall	BP12-CU08	138	KT10	13.2	0
Butler 3 Footwall	BP12-CU08	139	KT10	5.18	0
Butler 3 Footwall	BP12-CU08	140	KT10	3.61	0
Butler 3 Footwall	BP12-CU08	141	KT10	24.3	0
Butler 3 Footwall	BP12-CU08	142	KT10	6.76	0
Butler 3 Footwall	BP12-CU08	143	KT10	30.4	0
Butler 3 Footwall	BP12-CU08	144	KT10	23.3	0
Butler 3 Footwall	BP12-CU08	145	KT10	59.2	0
Butler 3 Footwall	BP12-CU08	146	KT10	26.3	0
Butler 3 Footwall	BP12-CU08	147	KT10	182	0
Butler 3 Footwall	BP12-CU08	148	KT10	55.5	0
Butler 3 Footwall	BP12-CU08	149	KT10	23	0
Butler 3 Footwall	BP12-CU08	150	KT10	2.4	0
Butler 3 Footwall	BP12-CU08	151	KT10	1.85	0
Butler 3 Footwall	BP12-CU08	152	KT10	7.4	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU08	153	KT10	5.3	0
Butler 3 Footwall	BP12-CU08	154	KT10	14.3	0
Butler 3 Footwall	BP12-CU08	155	KT10	3.97	0
Butler 3 Footwall	BP12-CU08	156	KT10	4.68	0
Butler 3 Footwall	BP12-CU08	157	KT10	2.9	0
Butler 3 Footwall	BP12-CU08	158	KT10	27.5	0
Butler 3 Footwall	BP12-CU08	159	KT10	9.53	0
Butler 3 Footwall	BP12-CU08	160	KT10	24.7	0
Butler 3 Footwall	BP12-CU08	161	KT10	59.4	0
Butler 3 Footwall	BP12-CU08	162	KT10	14	0
Butler 3 Footwall	BP12-CU08	163	KT10	13.6	0
Butler 3 Footwall	BP12-CU08	164	KT10	24.7	0
Butler 3 Footwall	BP12-CU08	165	KT10	56.7	0
Butler 3 Footwall	BP12-CU08	166	KT10	37.8	0
Butler 3 Footwall	BP12-CU08	167	KT10	18	0
Butler 3 Footwall	BP12-CU08	168	KT10	14.1	0
Butler 3 Footwall	BP12-CU08	169	KT10	8.15	0
Butler 3 Footwall	BP12-CU08	170	KT10	8.52	0
Butler 3 Footwall	BP12-CU08	171	KT10	6.05	0
Butler 3 Footwall	BP12-CU08	172	KT10	12	0
Butler 3 Footwall	BP12-CU08	173	KT10	22.4	0
Butler 3 Footwall	BP12-CU08	174	KT10	20.1	0
Butler 3 Footwall	BP12-CU08	175	KT10	14.8	0
Butler 3 Footwall	BP12-CU08	176	KT10	19.4	0
Butler 3 Footwall	BP12-CU08	177	KT10	24.6	0
Butler 3 Footwall	BP12-CU08	178	KT10	36.8	0
Butler 3 Footwall	BP12-CU08	179	KT10	29.1	0
Butler 3 Footwall	BP12-CU08	180	KT10	6.4	0
Butler 3 Footwall	BP12-CU08	181	KT10	1.74	0
Butler 3 Footwall	BP12-CU08	182	KT10	1.51	0
Butler 3 Footwall	BP12-CU08	183	KT10	4.87	0
Butler 3 Footwall	BP12-CU08	184	KT10	2.24	0
Butler 3 Footwall	BP12-CU08	185	KT10	2.86	0
Butler 3 Footwall	BP12-CU08	186	KT10	4.48	0
Butler 3 Footwall	BP12-CU08	187	KT10	5.9	0
Butler 3 Footwall	BP12-CU08	188	KT10	28.4	0
Butler 3 Footwall	BP12-CU08	189	KT10	31.2	0
Butler 3 Footwall	BP12-CU08	190	KT10	63.6	0
Butler 3 Footwall	BP12-CU08	191	KT10	164	0
Butler 3 Footwall	BP12-CU08	192	KT10	176	0
Butler 3 Footwall	BP12-CU08	193	KT10	16.7	0
Butler 3 Footwall	BP12-CU08	194	KT10	130	0
Butler 3 Footwall	BP12-CU08	195	KT10	11	0
Butler 3 Footwall	BP12-CU08	196	KT10	190	0
Butler 3 Footwall	BP12-CU08	197	KT10	44.6	0
Butler 3 Footwall	BP12-CU08	198	KT10	156	0
Butler 3 Footwall	BP12-CU08	199	KT10	67	0
Butler 3 Footwall	BP12-CU08	200	KT10	10.9	0
Butler 3 Footwall	BP12-CU08	201	KT10	55.6	0
Butler 3 Footwall	BP12-CU08	202	KT10	5.45	0
Butler 3 Footwall	BP12-CU08	203	KT10	53.5	0
Butler 3 Footwall	BP12-CU08	204	KT10	50.9	0
Butler 3 Footwall	BP12-CU08	205	KT10	8.92	0
Butler 3 Footwall	BP12-CU08	206	KT10	127	0
Butler 3 Footwall	BP12-CU08	207	KT10	111	0
Butler 3 Footwall	BP12-CU08	208	KT10	46.8	0
Butler 3 Footwall	BP12-CU08	209	KT10	178	0
Butler 3 Footwall	BP12-CU08	210	KT10	49.8	0
Butler 3 Footwall	BP12-CU08	211	KT10	44.2	0
Butler 3 Footwall	BP12-CU08	212	KT10	113	0
Butler 3 Footwall	BP12-CU08	213	KT10	28.4	0
Butler 3 Footwall	BP12-CU08	214	KT10	214	0
Butler 3 Footwall	BP12-CU08	215	KT10	11.5	0
Butler 3 Footwall	BP12-CU08	216	KT10	168	0
Butler 3 Footwall	BP12-CU08	217	KT10	253	0
Butler 3 Footwall	BP12-CU08	218	KT10	7.34	0
Butler 3 Footwall	BP12-CU08	219	KT10	1.53	0
Butler 3 Footwall	BP12-CU08	220	KT10	1.01	0
Butler 3 Footwall	BP12-CU08	221	KT10	1.37	0
Butler 3 Footwall	BP12-CU08	222	KT10	43.2	0
Butler 3 Footwall	BP12-CU08	223	KT10	3.31	0
Butler 3 Footwall	BP12-CU08	224	KT10	187	0
Butler 3 Footwall	BP12-CU08	225	KT10	4.48	0
Butler 3 Footwall	BP12-CU08	226	KT10	7.52	0
Butler 3 Footwall	BP12-CU08	227	KT10	1.71	0
Butler 3 Footwall	BP12-CU08	228	KT10	9.23	0
Butler 3 Footwall	BP12-CU08	229	KT10	1.81	0
Butler 3 Footwall	BP12-CU08	230	KT10	2.51	0
Butler 3 Footwall	BP12-CU08	231	KT10	4.3	0
Butler 3 Footwall	BP12-CU08	232	KT10	9.62	0
Butler 3 Footwall	BP12-CU08	233	KT10	13.4	0
Butler 3 Footwall	BP12-CU08	234	KT10	26.9	0
Butler 3 Footwall	BP12-CU08	235	KT10	3.36	0
Butler 3 Footwall	BP12-CU08	236	KT10	4.73	0
Butler 3 Footwall	BP12-CU08	237	KT10	3.66	0
Butler 3 Footwall	BP12-CU08	238	KT10	4.69	0
Butler 3 Footwall	BP12-CU08	239	KT10	9.55	0
Butler 3 Footwall	BP12-CU08	240	KT10	1.21	0
Butler 3 Footwall	BP12-CU08	241	KT10	1.62	0
Butler 3 Footwall	BP12-CU08	242	KT10	31.9	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU08	243	KT10	25.5	0
Butler 3 Footwall	BP12-CU08	245	KT10	0	0
Butler 3 Footwall	BP12-CU08	246	KT10	20.9	0
Butler 3 Footwall	BP12-CU08	247	KT10	2.87	0
Butler 3 Footwall	BP12-CU08	248	KT10	3.94	0
Butler 3 Footwall	BP12-CU08	249	KT10	0.96	0
Butler 3 Footwall	BP12-CU08	250	KT10	1.03	0
Butler 3 Footwall	BP12-CU08	251	KT10	0.89	0
Butler 3 Footwall	BP12-CU08	252	KT10	0.83	0
Butler 3 Footwall	BP12-CU08	253	KT10	128	0
Butler 3 Footwall	BP12-CU08	254	KT10	101	0
Butler 3 Footwall	BP12-CU08	255	KT10	195	0
Butler 3 Footwall	BP12-CU08	256	KT10	172	0
Butler 3 Footwall	BP12-CU08	257	KT10	25.8	0
Butler 3 Footwall	BP12-CU08	258	KT10	11	0
Butler 3 Footwall	BP12-CU08	259	KT10	5.39	0
Butler 3 Footwall	BP12-CU08	260	KT10	7.13	0
Butler 3 Footwall	BP12-CU08	261	KT10	0.53	0
Butler 3 Footwall	BP12-CU08	262	KT10	6.86	0
Butler 3 Footwall	BP12-CU08	263	KT10	12.3	0
Butler 3 Footwall	BP12-CU08	264	KT10	1.03	0
Butler 3 Footwall	BP12-CU08	265	KT10	0.53	0
Butler 3 Footwall	BP12-CU08	266	KT10	6.42	0
Butler 3 Footwall	BP12-CU08	267	KT10	8.14	0
Butler 3 Footwall	BP12-CU08	268	KT10	11.8	0
Butler 3 Footwall	BP12-CU08	269	KT10	14.5	0
Butler 3 Footwall	BP12-CU08	270	KT10	10.5	0
Butler 3 Footwall	BP12-CU08	271	KT10	17.5	0
Butler 3 Footwall	BP12-CU08	272	KT10	270	0
Butler 3 Footwall	BP12-CU08	273	KT10	172	0
Butler 3 Footwall	BP12-CU08	274	KT10	119	0
Butler 3 Footwall	BP12-CU08	275	KT10	8.35	0
Butler 3 Footwall	BP12-CU08	276	KT10	6.79	0
Butler 3 Footwall	BP12-CU08	277	KT10	25.3	0
Butler 3 Footwall	BP12-CU08	278	KT10	20	0
Butler 3 Footwall	BP12-CU08	279	KT10	0.55	0
Butler 3 Footwall	BP12-CU08	280	KT10	0.64	0
Butler 3 Footwall	BP12-CU08	281	KT10	32.8	0
Butler 3 Footwall	BP12-CU08	282	KT10	24.3	0
Butler 3 Footwall	BP12-CU08	283	KT10	92.7	0
Butler 3 Footwall	BP12-CU08	284	KT10	158	0
Butler 3 Footwall	BP12-CU08	285	KT10	157	0
Butler 3 Footwall	BP12-CU08	286	KT10	22.1	0
Butler 3 Footwall	BP12-CU08	287	KT10	6.97	0
Butler 3 Footwall	BP12-CU08	288	KT10	0.62	0
Butler 3 Footwall	BP12-CU08	289	KT10	0.6	0
Butler 3 Footwall	BP12-CU08	290	KT10	2.38	0
Butler 3 Footwall	BP12-CU08	291	KT10	9.72	0
Butler 3 Footwall	BP12-CU08	292	KT10	7.54	0
Butler 3 Footwall	BP12-CU08	293	KT10	7.32	0
Butler 3 Footwall	BP12-CU08	294	KT10	0.37	0
Butler 3 Footwall	BP12-CU08	295	KT10	8.05	0
Butler 3 Footwall	BP12-CU08	296	KT10	25.1	0
Butler 3 Footwall	BP12-CU08	297	KT10	20.6	0
Butler 3 Footwall	BP12-CU08	298	KT10	42.1	0
Butler 3 Footwall	BP12-CU08	299	KT10	281	0
Butler 3 Footwall	BP12-CU08	300	KT10	13.8	0
Butler 3 Footwall	BP12-CU08	301	KT10	10.6	0
Butler 3 Footwall	BP12-CU08	302	KT10	7.98	0
Butler 3 Footwall	BP12-CU08	303	KT10	28.7	0
Butler 3 Footwall	BP12-CU08	304	KT10	57.7	0
Butler 3 Footwall	BP12-CU08	305	KT10	6.4	0
Butler 3 Footwall	BP12-CU08	306	KT10	20.1	0
Butler 3 Footwall	BP12-CU08	307	KT10	4.82	0
Butler 3 Footwall	BP12-CU08	308	KT10	11.8	0
Butler 3 Footwall	BP12-CU08	309	KT10	5.07	0
Butler 3 Footwall	BP12-CU08	310	KT10	21	0
Butler 3 Footwall	BP12-CU08	311	KT10	5.09	0
Butler 3 Footwall	BP12-CU08	312	KT10	17	0
Butler 3 Footwall	BP12-CU08	313	KT10	19.9	0
Butler 3 Footwall	BP12-CU08	314	KT10	32.7	0
Butler 3 Footwall	BP12-CU08	315	KT10	38.8	0
Butler 3 Footwall	BP12-CU08	316	KT10	5.43	0
Butler 3 Footwall	BP12-CU08	317	KT10	0.6	0
Butler 3 Footwall	BP12-CU08	318	KT10	12.5	0
Butler 3 Footwall	BP12-CU08	319	KT10	20.7	0
Butler 3 Footwall	BP12-CU08	320	KT10	16.2	0
Butler 3 Footwall	BP12-CU08	321	KT10	5.61	0
Butler 3 Footwall	BP12-CU08	322	KT10	4.28	0
Butler 3 Footwall	BP12-CU08	323	KT10	7.74	0
Butler 3 Footwall	BP12-CU08	324	KT10	33.8	0
Butler 3 Footwall	BP12-CU08	325	KT10	23.4	0
Butler 3 Footwall	BP12-CU08	326	KT10	19.3	0
Butler 3 Footwall	BP12-CU08	327	KT10	61.8	0
Butler 3 Footwall	BP12-CU08	328	KT10	98.4	0
Butler 3 Footwall	BP12-CU08	329	KT10	123	0
Butler 3 Footwall	BP12-CU08	330	KT10	69.4	0
Butler 3 Footwall	BP12-CU08	331	KT10	56.8	0
Butler 3 Footwall	BP12-CU08	332	KT10	31.2	0
Butler 3 Footwall	BP12-CU08	333	KT10	10.5	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU08	334	KT10	31.5	0
Butler 3 Footwall	BP12-CU08	335	KT10	12.9	0
Butler 3 Footwall	BP12-CU08	336	KT10	9.16	0
Butler 3 Footwall	BP12-CU08	337	KT10	12.9	0
Butler 3 Footwall	BP12-CU08	338	KT10	20.5	0
Butler 3 Footwall	BP12-CU08	339	KT10	11.4	0
Butler 3 Footwall	BP12-CU08	340	KT10	16.3	0
Butler 3 Footwall	BP12-CU08	341	KT10	9	0
Butler 3 Footwall	BP12-CU08	342	KT10	12.1	0
Butler 3 Footwall	BP12-CU08	343	KT10	15	0
Butler 3 Footwall	BP12-CU08	344	KT10	21	0
Butler 3 Footwall	BP12-CU08	345	KT10	23.3	0
Butler 3 Footwall	BP12-CU08	346	KT10	35.2	0
Butler 3 Footwall	BP12-CU08	347	KT10	25.9	0
Butler 3 Footwall	BP12-CU08	348	KT10	51.6	0
Butler 3 Footwall	BP12-CU08	349	KT10	42.5	0
Butler 3 Footwall	BP12-CU08	350	KT10	40.6	0
Butler 3 Footwall	BP12-CU08	351	KT10	24.2	0
Butler 3 Footwall	BP12-CU08	352	KT10	49.8	0
Butler 3 Footwall	BP12-CU08	353	KT10	219	0
Butler 3 Footwall	BP12-CU08	354	KT10	171	0
Butler 3 Footwall	BP12-CU08	355	KT10	18.9	0
Butler 3 Footwall	BP12-CU08	356	KT10	33.7	0
Butler 3 Footwall	BP12-CU08	357	KT10	71.8	0
Butler 3 Footwall	BP12-CU08	358	KT10	19.2	0
Butler 3 Footwall	BP12-CU08	359	KT10	133	0
Butler 3 Footwall	BP12-CU08	360	KT10	101	0
Butler 3 Footwall	BP12-CU08	361	KT10	23.6	0
Butler 3 Footwall	BP12-CU08	362	KT10	34.7	0
Butler 3 Footwall	BP12-CU08	363	KT10	2.68	0
Butler 3 Footwall	BP12-CU08	364	KT10	14.3	0
Butler 3 Footwall	BP12-CU08	365	KT10	5.17	0
Butler 3 Footwall	BP12-CU08	366	KT10	8.98	0
Butler 3 Footwall	BP12-CU08	367	KT10	22.9	0
Butler 3 Footwall	BP12-CU08	368	KT10	121	0
Butler 3 Footwall	BP12-CU08	369	KT10	52.5	0
Butler 3 Footwall	BP12-CU08	370	KT10	54.4	0
Butler 3 Footwall	BP12-CU08	371	KT10	211	0
Butler 3 Footwall	BP12-CU08	372	KT10	253	0
Butler 3 Footwall	BP12-CU08	373	KT10	2.22	0
Butler 3 Footwall	BP12-CU08	374	KT10	1.69	0
Butler 3 Footwall	BP12-CU08	375	KT10	14.6	0
Butler 3 Footwall	BP12-CU08	376	KT10	23.1	0
Butler 3 Footwall	BP12-CU08	377	KT10	28	0
Butler 3 Footwall	BP12-CU08	378	KT10	13.2	0
Butler 3 Footwall	BP12-CU08	379	KT10	26.3	0
Butler 3 Footwall	BP12-CU08	380	KT10	8.45	0
Butler 3 Footwall	BP12-CU08	381	KT10	16.7	0
Butler 3 Footwall	BP12-CU08	382	KT10	16.6	0
Butler 3 Footwall	BP12-CU08	383	KT10	17.2	0
Butler 3 Footwall	BP12-CU08	384	KT10	2.81	0
Butler 3 Footwall	BP12-CU08	385	KT10	1.96	0
Butler 3 Footwall	BP12-CU08	386	KT10	10.4	0
Butler 3 Footwall	BP12-CU08	387	KT10	1.85	0
Butler 3 Footwall	BP12-CU08	388	KT10	12.5	0
Butler 3 Footwall	BP12-CU08	389	KT10	10.5	0
Butler 3 Footwall	BP12-CU08	390	KT10	25.1	0
Butler 3 Footwall	BP12-CU08	391	KT10	26.2	0
Butler 3 Footwall	BP12-CU08	392	KT10	23.8	0
Butler 3 Footwall	BP12-CU08	393	KT10	66.6	0
Butler 3 Footwall	BP12-CU08	394	KT10	58.7	0
Butler 3 Footwall	BP12-CU08	395	KT10	124	0
Butler 3 Footwall	BP12-CU08	396	KT10	100	0
Butler 3 Footwall	BP12-CU08	397	KT10	70.2	0
Butler 3 Footwall	BP12-CU08	398	KT10	45.6	0
Butler 3 Footwall	BP12-CU08	399	KT10	7.24	0
Butler 3 Footwall	BP12-CU08	400	KT10	94.4	0
Butler 3 Footwall	BP12-CU08	401	KT10	251	0
Butler 3 Footwall	BP12-CU08	402	KT10	275	0
Butler 3 Footwall	BP12-CU08	403	KT10	240	0
Butler 3 Footwall	BP12-CU08	404	KT10	169	0
Butler 3 Footwall	BP12-CU08	405	KT10	213	0
Butler 3 Footwall	BP12-CU08	406	KT10	214	0
Butler 3 Footwall	BP12-CU08	407	KT10	144	0
Butler 3 Footwall	BP12-CU08	408	KT10	261	0
Butler 3 Footwall	BP12-CU08	409	KT10	243	0
Butler 3 Footwall	BP12-CU08	410	KT10	16.8	0
Butler 3 Footwall	BP12-CU08	411	KT10	88.6	0
Butler 3 Footwall	BP12-CU08	412	KT10	75.9	0
Butler 3 Footwall	BP12-CU08	413	KT10	284	0
Butler 3 Footwall	BP12-CU08	414	KT10	289	0
Butler 3 Footwall	BP12-CU08	415	KT10	321	0
Butler 3 Footwall	BP12-CU08	416	KT10	166	0
Butler 3 Footwall	BP12-CU08	417	KT10	4.59	0
Butler 3 Footwall	BP12-CU08	418	KT10	28.1	0
Butler 3 Footwall	BP12-CU08	419	KT10	49.5	0
Butler 3 Footwall	BP12-CU08	420	KT10	6.67	0
Butler 3 Footwall	BP12-CU08	421	KT10	163	0
Butler 3 Footwall	BP12-CU08	422	KT10	268	0
Butler 3 Footwall	BP12-CU08	423	KT10	316	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU08	424	KT10	114	0
Butler 3 Footwall	BP12-CU08	425	KT10	182	0
Butler 3 Footwall	BP12-CU08	426	KT10	106	0
Butler 3 Footwall	BP12-CU08	427	KT10	106	0
Butler 3 Footwall	BP12-CU08	428	KT10	138	0
Butler 3 Footwall	BP12-CU08	429	KT10	148	0
Butler 3 Footwall	BP12-CU08	430	KT10	79.8	0
Butler 3 Footwall	BP12-CU08	430.5	KT10	206	0
Butler 3 Footwall	BP12-CU08	431	KT10	133	0
Butler 3 Footwall	BP12-CU08	432	KT10	207	0
Butler 3 Footwall	BP12-CU08	433	KT10	115	0
Butler 3 Footwall	BP12-CU08	434	KT10	202	0
Butler 3 Footwall	BP12-CU08	435	KT10	225	0
Butler 3 Footwall	BP12-CU08	436	KT10	159	0
Butler 3 Footwall	BP12-CU08	437	KT10	31.8	0
Butler 3 Footwall	BP12-CU08	438	KT10	13.4	0
Butler 3 Footwall	BP12-CU08	439	KT10	16.5	0
Butler 3 Footwall	BP12-CU08	440	KT10	13.9	0
Butler 3 Footwall	BP12-CU08	441	KT10	7.44	0
Butler 3 Footwall	BP12-CU08	442	KT10	2.86	0
Butler 3 Footwall	BP12-CU08	443	KT10	1.63	0
Butler 3 Footwall	BP12-CU08	444	KT10	1.56	0
Butler 3 Footwall	BP12-CU08	445	KT10	1.69	0
Butler 3 Footwall	BP12-CU08	446	KT10	5.4	0
Butler 3 Footwall	BP12-CU08	447	KT10	10.9	0
Butler 3 Footwall	BP12-CU08	448	KT10	5.89	0
Butler 3 Footwall	BP12-CU08	449	KT10	6.96	0
Butler 3 Footwall	BP12-CU08	450	KT10	4.67	0
Butler 3 Footwall	BP12-CU08	451	KT10	8.93	0
Butler 3 Footwall	BP12-CU08	452	KT10	1.74	0
Butler 3 Footwall	BP12-CU08	453	KT10	3.21	0
Butler 3 Footwall	BP12-CU08	454	KT10	4.28	0
Butler 3 Footwall	BP12-CU08	455	KT10	6.85	0
Butler 3 Footwall	BP12-CU08	456	KT10	0.87	0
Butler 3 Footwall	BP12-CU08	457	KT10	7.88	0
Butler 3 Footwall	BP12-CU08	458	KT10	1.51	0
Butler 3 Footwall	BP12-CU08	459	KT10	7.95	0
Butler 3 Footwall	BP12-CU08	460	KT10	1.15	0
Butler 3 Footwall	BP12-CU08	461	KT10	1.44	0
Butler 3 Footwall	BP12-CU08	462	KT10	2.13	0
Butler 3 Footwall	BP12-CU08	463	KT10	1.58	0
Butler 3 Footwall	BP12-CU08	464	KT10	1.99	0
Butler 3 Footwall	BP12-CU08	465	KT10	1.83	0
Butler 3 Footwall	BP12-CU08	466	KT10	1.72	0
Butler 3 Footwall	BP12-CU08	467	KT10	18.5	0
Butler 3 Footwall	BP12-CU08	468	KT10	2.11	0
Butler 3 Footwall	BP12-CU08	469	KT10	2.57	0
Butler 3 Footwall	BP12-CU08	470	KT10	2.41	0
Butler 3 Footwall	BP12-CU08	471	KT10	0.92	0
Butler 3 Footwall	BP12-CU08	472	KT10	1.33	0
Butler 3 Footwall	BP12-CU08	473	KT10	1.78	0
Butler 3 Footwall	BP12-CU08	474	KT10	1.23	0
Butler 3 Footwall	BP12-CU08	475	KT10	1.44	0
Butler 3 Footwall	BP12-CU08	476	KT10	0.82	0
Butler 3 Footwall	BP12-CU08	477	KT10	1.67	0
Butler 3 Footwall	BP12-CU08	478	KT10	5.5	0
Butler 3 Footwall	BP12-CU08	479	KT10	18.1	0
Butler 3 Footwall	BP12-CU08	480	KT10	1.78	0
Butler 3 Footwall	BP12-CU08	481	KT10	14	0
Butler 3 Footwall	BP12-CU08	482	KT10	13.7	0
Butler 3 Footwall	BP12-CU08	483	KT10	10.4	0
Butler 3 Footwall	BP12-CU08	484	KT10	0.96	0
Butler 3 Footwall	BP12-CU08	485	KT10	1.05	0
Butler 3 Footwall	BP12-CU08	486	KT10	1.35	0
Butler 3 Footwall	BP12-CU08	487	KT10	1.23	0
Butler 3 Footwall	BP12-CU08	488	KT10	1.55	0
Butler 3 Footwall	BP12-CU08	489	KT10	1.73	0
Butler 3 Footwall	BP12-CU08	490	KT10	2.39	0
Butler 3 Footwall	BP12-CU08	491	KT10	2.78	0
Butler 3 Footwall	BP12-CU08	492	KT10	3.19	0
Butler 3 Footwall	BP12-CU08	493	KT10	4.65	0
Butler 3 Footwall	BP12-CU08	494	KT10	13.7	0
Butler 3 Footwall	BP12-CU08	495	KT10	5.08	0
Butler 3 Footwall	BP12-CU08	496	KT10	5.13	0
Butler 3 Footwall	BP12-CU08	497	KT10	1.23	0
Butler 3 Footwall	BP12-CU08	498	KT10	1.53	0
Butler 3 Footwall	BP12-CU08	499	KT10	112	0
Butler 3 Footwall	BP12-CU08	500	KT10	6.73	0
Butler 3 Footwall	BP12-CU09	22	KT10	39.1	0
Butler 3 Footwall	BP12-CU09	22.5	KT10	101	0
Butler 3 Footwall	BP12-CU09	23	KT10	229	0
Butler 3 Footwall	BP12-CU09	23.5	KT10	132	0
Butler 3 Footwall	BP12-CU09	24	KT10	265	0
Butler 3 Footwall	BP12-CU09	24.5	KT10	11	0
Butler 3 Footwall	BP12-CU09	25	KT10	87.9	0
Butler 3 Footwall	BP12-CU09	25.5	KT10	239	0
Butler 3 Footwall	BP12-CU09	26	KT10	113	0
Butler 3 Footwall	BP12-CU09	26.5	KT10	18.3	0
Butler 3 Footwall	BP12-CU09	27	KT10	14.1	0
Butler 3 Footwall	BP12-CU09	27.5	KT10	23.9	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	28	KT10	49.5	0
Butler 3 Footwall	BP12-CU09	28.5	KT10	19.4	0
Butler 3 Footwall	BP12-CU09	29	KT10	42.7	0
Butler 3 Footwall	BP12-CU09	29.5	KT10	46.7	0
Butler 3 Footwall	BP12-CU09	30	KT10	56.2	0
Butler 3 Footwall	BP12-CU09	30.5	KT10	63.6	0
Butler 3 Footwall	BP12-CU09	31	KT10	59.5	0
Butler 3 Footwall	BP12-CU09	31.5	KT10	62.8	0
Butler 3 Footwall	BP12-CU09	32	KT10	75.4	0
Butler 3 Footwall	BP12-CU09	32.5	KT10	93	0
Butler 3 Footwall	BP12-CU09	33	KT10	57.8	0
Butler 3 Footwall	BP12-CU09	33.5	KT10	33.9	0
Butler 3 Footwall	BP12-CU09	34	KT10	94.5	0
Butler 3 Footwall	BP12-CU09	34.5	KT10	64.1	0
Butler 3 Footwall	BP12-CU09	35	KT10	482	0
Butler 3 Footwall	BP12-CU09	35.5	KT10	107	0
Butler 3 Footwall	BP12-CU09	36	KT10	146	0
Butler 3 Footwall	BP12-CU09	36.5	KT10	147	0
Butler 3 Footwall	BP12-CU09	37	KT10	324	0
Butler 3 Footwall	BP12-CU09	37.5	KT10	372	0
Butler 3 Footwall	BP12-CU09	38	KT10	115	0
Butler 3 Footwall	BP12-CU09	38.5	KT10	141	0
Butler 3 Footwall	BP12-CU09	39	KT10	23.4	0
Butler 3 Footwall	BP12-CU09	39.5	KT10	150	0
Butler 3 Footwall	BP12-CU09	40	KT10	512	0
Butler 3 Footwall	BP12-CU09	40.5	KT10	441	1.3
Butler 3 Footwall	BP12-CU09	41	KT10	153	0
Butler 3 Footwall	BP12-CU09	41.5	KT10	1183	0.1
Butler 3 Footwall	BP12-CU09	42	KT10	6.64	0
Butler 3 Footwall	BP12-CU09	42.5	KT10	681	0.4
Butler 3 Footwall	BP12-CU09	43	KT10	341	0
Butler 3 Footwall	BP12-CU09	43.5	KT10	665	1.2
Butler 3 Footwall	BP12-CU09	44	KT10	95.5	0
Butler 3 Footwall	BP12-CU09	44.5	KT10	45.2	0
Butler 3 Footwall	BP12-CU09	45	KT10	57.8	0
Butler 3 Footwall	BP12-CU09	45.5	KT10	3.77	0
Butler 3 Footwall	BP12-CU09	46	KT10	199	0
Butler 3 Footwall	BP12-CU09	46.5	KT10	129	0
Butler 3 Footwall	BP12-CU09	47	KT10	126	0
Butler 3 Footwall	BP12-CU09	47.5	KT10	40.9	0
Butler 3 Footwall	BP12-CU09	48	KT10	2.02	0
Butler 3 Footwall	BP12-CU09	48.5	KT10	1.36	0
Butler 3 Footwall	BP12-CU09	49	KT10	1.8	0
Butler 3 Footwall	BP12-CU09	49.5	KT10	8.48	0
Butler 3 Footwall	BP12-CU09	50	KT10	1.82	0
Butler 3 Footwall	BP12-CU09	50.5	KT10	2.13	0
Butler 3 Footwall	BP12-CU09	51	KT10	24.8	0
Butler 3 Footwall	BP12-CU09	51.5	KT10	14.6	0
Butler 3 Footwall	BP12-CU09	52	KT10	4.12	0
Butler 3 Footwall	BP12-CU09	52.5	KT10	3.16	0
Butler 3 Footwall	BP12-CU09	53	KT10	30.6	0
Butler 3 Footwall	BP12-CU09	53.5	KT10	13.1	0
Butler 3 Footwall	BP12-CU09	54	KT10	3.27	0
Butler 3 Footwall	BP12-CU09	54.5	KT10	15.2	0
Butler 3 Footwall	BP12-CU09	55	KT10	11.6	0
Butler 3 Footwall	BP12-CU09	55.5	KT10	580	1.4
Butler 3 Footwall	BP12-CU09	56	KT10	1237	1.4
Butler 3 Footwall	BP12-CU09	56.5	KT10	221	0
Butler 3 Footwall	BP12-CU09	57	KT10	29.7	0
Butler 3 Footwall	BP12-CU09	57.5	KT10	196	0
Butler 3 Footwall	BP12-CU09	58	KT10	311	0
Butler 3 Footwall	BP12-CU09	58.5	KT10	1.73	0
Butler 3 Footwall	BP12-CU09	59	KT10	157	0
Butler 3 Footwall	BP12-CU09	59.5	KT10	7.28	0
Butler 3 Footwall	BP12-CU09	60	KT10	184	0
Butler 3 Footwall	BP12-CU09	60.5	KT10	915	0.4
Butler 3 Footwall	BP12-CU09	61	KT10	455	0.7
Butler 3 Footwall	BP12-CU09	61.5	KT10	375	0
Butler 3 Footwall	BP12-CU09	62	KT10	374	0
Butler 3 Footwall	BP12-CU09	62.5	KT10	514	0.9
Butler 3 Footwall	BP12-CU09	63	KT10	3.49	0
Butler 3 Footwall	BP12-CU09	63.5	KT10	373	0
Butler 3 Footwall	BP12-CU09	64	KT10	475	1.1
Butler 3 Footwall	BP12-CU09	64.5	KT10	263	0
Butler 3 Footwall	BP12-CU09	65	KT10	211	0
Butler 3 Footwall	BP12-CU09	65.5	KT10	41.6	0
Butler 3 Footwall	BP12-CU09	66	KT10	7.34	0
Butler 3 Footwall	BP12-CU09	66.5	KT10	5.2	0
Butler 3 Footwall	BP12-CU09	67	KT10	36	0
Butler 3 Footwall	BP12-CU09	67.5	KT10	495	0
Butler 3 Footwall	BP12-CU09	68	KT10	274	0
Butler 3 Footwall	BP12-CU09	68.5	KT10	367	0
Butler 3 Footwall	BP12-CU09	69	KT10	410	0
Butler 3 Footwall	BP12-CU09	69.5	KT10	332	0
Butler 3 Footwall	BP12-CU09	70	KT10	316	0
Butler 3 Footwall	BP12-CU09	70.5	KT10	396	0
Butler 3 Footwall	BP12-CU09	71	KT10	203	0
Butler 3 Footwall	BP12-CU09	71.5	KT10	245	0
Butler 3 Footwall	BP12-CU09	72	KT10	111	0
Butler 3 Footwall	BP12-CU09	72.5	KT10	157	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	73	KT10	84.7	0
Butler 3 Footwall	BP12-CU09	73.5	KT10	225	0
Butler 3 Footwall	BP12-CU09	74	KT10	364	0
Butler 3 Footwall	BP12-CU09	74.5	KT10	194	0
Butler 3 Footwall	BP12-CU09	75	KT10	135	0
Butler 3 Footwall	BP12-CU09	75.5	KT10	173	0
Butler 3 Footwall	BP12-CU09	76	KT10	145	0
Butler 3 Footwall	BP12-CU09	76.5	KT10	14.3	0
Butler 3 Footwall	BP12-CU09	77	KT10	3.64	0
Butler 3 Footwall	BP12-CU09	77.5	KT10	296	0
Butler 3 Footwall	BP12-CU09	78	KT10	119	0
Butler 3 Footwall	BP12-CU09	78.5	KT10	130	0
Butler 3 Footwall	BP12-CU09	79	KT10	1.38	0
Butler 3 Footwall	BP12-CU09	79.5	KT10	200	0
Butler 3 Footwall	BP12-CU09	80	KT10	8.28	0
Butler 3 Footwall	BP12-CU09	80.5	KT10	37.4	0
Butler 3 Footwall	BP12-CU09	81	KT10	5.93	0
Butler 3 Footwall	BP12-CU09	81.5	KT10	4.79	0
Butler 3 Footwall	BP12-CU09	82	KT10	1.8	0
Butler 3 Footwall	BP12-CU09	82.5	KT10	0.33	0
Butler 3 Footwall	BP12-CU09	83	KT10	0.64	0
Butler 3 Footwall	BP12-CU09	83.5	KT10	0.88	0
Butler 3 Footwall	BP12-CU09	84	KT10	2.48	0
Butler 3 Footwall	BP12-CU09	84.5	KT10	7.47	0
Butler 3 Footwall	BP12-CU09	85	KT10	1.56	0
Butler 3 Footwall	BP12-CU09	85.5	KT10	0.81	0
Butler 3 Footwall	BP12-CU09	86	KT10	1.01	0
Butler 3 Footwall	BP12-CU09	86.5	KT10	1.12	0
Butler 3 Footwall	BP12-CU09	87	KT10	1.76	0
Butler 3 Footwall	BP12-CU09	87.5	KT10	1.65	0
Butler 3 Footwall	BP12-CU09	88	KT10	13.6	0
Butler 3 Footwall	BP12-CU09	88.5	KT10	0.79	0
Butler 3 Footwall	BP12-CU09	89	KT10	0.83	0
Butler 3 Footwall	BP12-CU09	89.5	KT10	1.05	0
Butler 3 Footwall	BP12-CU09	90	KT10	8.87	0
Butler 3 Footwall	BP12-CU09	90.5	KT10	1.41	0
Butler 3 Footwall	BP12-CU09	91	KT10	1.01	0
Butler 3 Footwall	BP12-CU09	91.5	KT10	4.17	0
Butler 3 Footwall	BP12-CU09	92	KT10	2.28	0
Butler 3 Footwall	BP12-CU09	92.5	KT10	0.29	0
Butler 3 Footwall	BP12-CU09	93	KT10	1.08	0
Butler 3 Footwall	BP12-CU09	93.5	KT10	1.67	0
Butler 3 Footwall	BP12-CU09	94	KT10	2.04	0
Butler 3 Footwall	BP12-CU09	94.5	KT10	1.36	0
Butler 3 Footwall	BP12-CU09	95	KT10	18.9	0
Butler 3 Footwall	BP12-CU09	95.5	KT10	1.25	0
Butler 3 Footwall	BP12-CU09	96	KT10	1.65	0
Butler 3 Footwall	BP12-CU09	96.5	KT10	1.73	0
Butler 3 Footwall	BP12-CU09	97	KT10	0.59	0
Butler 3 Footwall	BP12-CU09	97.5	KT10	0.51	0
Butler 3 Footwall	BP12-CU09	98	KT10	0.79	0
Butler 3 Footwall	BP12-CU09	98.5	KT10	1.21	0
Butler 3 Footwall	BP12-CU09	99	KT10	1.58	0
Butler 3 Footwall	BP12-CU09	99.5	KT10	1.36	0
Butler 3 Footwall	BP12-CU09	100	KT10	0.53	0
Butler 3 Footwall	BP12-CU09	100.5	KT10	0.72	0
Butler 3 Footwall	BP12-CU09	101	KT10	0.99	0
Butler 3 Footwall	BP12-CU09	101.5	KT10	1.49	0
Butler 3 Footwall	BP12-CU09	102	KT10	19.1	0
Butler 3 Footwall	BP12-CU09	102.5	KT10	1.67	0
Butler 3 Footwall	BP12-CU09	103	KT10	4.44	0
Butler 3 Footwall	BP12-CU09	103.5	KT10	6.5	0
Butler 3 Footwall	BP12-CU09	104	KT10	29.7	0
Butler 3 Footwall	BP12-CU09	105	KT10	37.1	0
Butler 3 Footwall	BP12-CU09	106	KT10	1.14	0
Butler 3 Footwall	BP12-CU09	107	KT10	2.98	0
Butler 3 Footwall	BP12-CU09	108	KT10	39.1	0
Butler 3 Footwall	BP12-CU09	109	KT10	3.8	0
Butler 3 Footwall	BP12-CU09	110	KT10	32.3	0
Butler 3 Footwall	BP12-CU09	111	KT10	2.74	0
Butler 3 Footwall	BP12-CU09	112	KT10	1.86	0
Butler 3 Footwall	BP12-CU09	113	KT10	2.06	0
Butler 3 Footwall	BP12-CU09	114	KT10	2.26	0
Butler 3 Footwall	BP12-CU09	115	KT10	31.7	0
Butler 3 Footwall	BP12-CU09	116	KT10	50.2	0
Butler 3 Footwall	BP12-CU09	117	KT10	8.62	0
Butler 3 Footwall	BP12-CU09	118	KT10	2.37	0
Butler 3 Footwall	BP12-CU09	119	KT10	34.9	0
Butler 3 Footwall	BP12-CU09	120	KT10	58.6	0
Butler 3 Footwall	BP12-CU09	121	KT10	62	0
Butler 3 Footwall	BP12-CU09	122	KT10	0.83	0
Butler 3 Footwall	BP12-CU09	123	KT10	1.14	0
Butler 3 Footwall	BP12-CU09	124	KT10	9.7	0
Butler 3 Footwall	BP12-CU09	125	KT10	28.1	0
Butler 3 Footwall	BP12-CU09	126	KT10	48.4	0
Butler 3 Footwall	BP12-CU09	127	KT10	4.56	0
Butler 3 Footwall	BP12-CU09	128	KT10	762	0.3
Butler 3 Footwall	BP12-CU09	129	KT10	705	0.5
Butler 3 Footwall	BP12-CU09	130	KT10	58.5	0
Butler 3 Footwall	BP12-CU09	131	KT10	7.77	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	132	KT10	42.4	0
Butler 3 Footwall	BP12-CU09	133	KT10	107	0
Butler 3 Footwall	BP12-CU09	134	KT10	57.4	0
Butler 3 Footwall	BP12-CU09	135	KT10	113	0
Butler 3 Footwall	BP12-CU09	136	KT10	16.5	0
Butler 3 Footwall	BP12-CU09	137	KT10	5.86	0
Butler 3 Footwall	BP12-CU09	138	KT10	82.6	0
Butler 3 Footwall	BP12-CU09	139	KT10	21	0
Butler 3 Footwall	BP12-CU09	140	KT10	1.56	0
Butler 3 Footwall	BP12-CU09	141	KT10	43.8	0
Butler 3 Footwall	BP12-CU09	142	KT10	105	0
Butler 3 Footwall	BP12-CU09	143	KT10	140	0
Butler 3 Footwall	BP12-CU09	144	KT10	36.1	0
Butler 3 Footwall	BP12-CU09	145	KT10	2.72	0
Butler 3 Footwall	BP12-CU09	146	KT10	2.81	0
Butler 3 Footwall	BP12-CU09	147	KT10	15.3	0
Butler 3 Footwall	BP12-CU09	148	KT10	3.34	0
Butler 3 Footwall	BP12-CU09	149	KT10	36.2	0
Butler 3 Footwall	BP12-CU09	150	KT10	3.23	0
Butler 3 Footwall	BP12-CU09	151	KT10	2.41	0
Butler 3 Footwall	BP12-CU09	152	KT10	142	0
Butler 3 Footwall	BP12-CU09	152.5	KT10	212	0
Butler 3 Footwall	BP12-CU09	153	KT10	112	0
Butler 3 Footwall	BP12-CU09	153.5	KT10	126	0
Butler 3 Footwall	BP12-CU09	154	KT10	11.5	0
Butler 3 Footwall	BP12-CU09	154.5	KT10	200	0
Butler 3 Footwall	BP12-CU09	155	KT10	235	0
Butler 3 Footwall	BP12-CU09	155.5	KT10	63.9	0
Butler 3 Footwall	BP12-CU09	156	KT10	5.83	0
Butler 3 Footwall	BP12-CU09	156.5	KT10	183	0
Butler 3 Footwall	BP12-CU09	157	KT10	45.4	0
Butler 3 Footwall	BP12-CU09	157.5	KT10	30	0
Butler 3 Footwall	BP12-CU09	158	KT10	60.1	0
Butler 3 Footwall	BP12-CU09	158.5	KT10	67.3	0
Butler 3 Footwall	BP12-CU09	159	KT10	188	0
Butler 3 Footwall	BP12-CU09	159.5	KT10	186	0
Butler 3 Footwall	BP12-CU09	160	KT10	204	0
Butler 3 Footwall	BP12-CU09	160.5	KT10	129	0
Butler 3 Footwall	BP12-CU09	161	KT10	146	0
Butler 3 Footwall	BP12-CU09	161.5	KT10	101	0
Butler 3 Footwall	BP12-CU09	162	KT10	66.9	0
Butler 3 Footwall	BP12-CU09	162.5	KT10	74.6	0
Butler 3 Footwall	BP12-CU09	163	KT10	3.16	0
Butler 3 Footwall	BP12-CU09	163.5	KT10	3.29	0
Butler 3 Footwall	BP12-CU09	164	KT10	104	0
Butler 3 Footwall	BP12-CU09	164.5	KT10	24.9	0
Butler 3 Footwall	BP12-CU09	165	KT10	68	0
Butler 3 Footwall	BP12-CU09	165.5	KT10	344	0
Butler 3 Footwall	BP12-CU09	166	KT10	212	0
Butler 3 Footwall	BP12-CU09	166.5	KT10	25.6	0
Butler 3 Footwall	BP12-CU09	167	KT10	99.2	0
Butler 3 Footwall	BP12-CU09	167.5	KT10	5.86	0
Butler 3 Footwall	BP12-CU09	168	KT10	21.4	0
Butler 3 Footwall	BP12-CU09	168.5	KT10	1.86	0
Butler 3 Footwall	BP12-CU09	169	KT10	2.63	0
Butler 3 Footwall	BP12-CU09	169.5	KT10	1.93	0
Butler 3 Footwall	BP12-CU09	170	KT10	1.78	0
Butler 3 Footwall	BP12-CU09	170.5	KT10	2.96	0
Butler 3 Footwall	BP12-CU09	171	KT10	2.08	0
Butler 3 Footwall	BP12-CU09	171.5	KT10	2.3	0
Butler 3 Footwall	BP12-CU09	172	KT10	2.57	0
Butler 3 Footwall	BP12-CU09	172.5	KT10	2.92	0
Butler 3 Footwall	BP12-CU09	173	KT10	3.01	0
Butler 3 Footwall	BP12-CU09	173.5	KT10	1.71	0
Butler 3 Footwall	BP12-CU09	174	KT10	2.92	0
Butler 3 Footwall	BP12-CU09	174.5	KT10	2.02	0
Butler 3 Footwall	BP12-CU09	175	KT10	2.81	0
Butler 3 Footwall	BP12-CU09	175.5	KT10	4.12	0
Butler 3 Footwall	BP12-CU09	176	KT10	3.2	0
Butler 3 Footwall	BP12-CU09	176.5	KT10	2.57	0
Butler 3 Footwall	BP12-CU09	177	KT10	2.79	0
Butler 3 Footwall	BP12-CU09	177.5	KT10	1.12	0
Butler 3 Footwall	BP12-CU09	178	KT10	1.03	0
Butler 3 Footwall	BP12-CU09	178.5	KT10	1.84	0
Butler 3 Footwall	BP12-CU09	179	KT10	2.9	0
Butler 3 Footwall	BP12-CU09	179.5	KT10	3.75	0
Butler 3 Footwall	BP12-CU09	180	KT10	4.81	0
Butler 3 Footwall	BP12-CU09	180.5	KT10	224	0
Butler 3 Footwall	BP12-CU09	181	KT10	583	0.5
Butler 3 Footwall	BP12-CU09	181.5	KT10	875	0.9
Butler 3 Footwall	BP12-CU09	182	KT10	5.53	0
Butler 3 Footwall	BP12-CU09	182.5	KT10	3.07	0
Butler 3 Footwall	BP12-CU09	183	KT10	1095	0.3
Butler 3 Footwall	BP12-CU09	183.5	KT10	1315	0.1
Butler 3 Footwall	BP12-CU09	184	KT10	827	0.2
Butler 3 Footwall	BP12-CU09	184.5	KT10	1322	0.7
Butler 3 Footwall	BP12-CU09	185	KT10	1069	0.8
Butler 3 Footwall	BP12-CU09	185.5	KT10	4.5	0
Butler 3 Footwall	BP12-CU09	186	KT10	1.8	0
Butler 3 Footwall	BP12-CU09	186.5	KT10	1.56	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	187	KT10	3.73	0
Butler 3 Footwall	BP12-CU09	187.5	KT10	3.66	0
Butler 3 Footwall	BP12-CU09	188	KT10	3.64	0
Butler 3 Footwall	BP12-CU09	188.5	KT10	995	0.6
Butler 3 Footwall	BP12-CU09	189	KT10	1048	0.8
Butler 3 Footwall	BP12-CU09	189.5	KT10	597	0.9
Butler 3 Footwall	BP12-CU09	190	KT10	12.4	0
Butler 3 Footwall	BP12-CU09	190.5	KT10	737	0.9
Butler 3 Footwall	BP12-CU09	191	KT10	0.72	0
Butler 3 Footwall	BP12-CU09	191.5	KT10	0.48	0
Butler 3 Footwall	BP12-CU09	192	KT10	4.54	0
Butler 3 Footwall	BP12-CU09	192.5	KT10	1.12	0
Butler 3 Footwall	BP12-CU09	193	KT10	1.1	0
Butler 3 Footwall	BP12-CU09	193.5	KT10	420	0
Butler 3 Footwall	BP12-CU09	193.75	KT10	755	6.1
Butler 3 Footwall	BP12-CU09	194	KT10	475	350
Butler 3 Footwall	BP12-CU09	194.5	KT10	422	151
Butler 3 Footwall	BP12-CU09	195	KT10	430	183
Butler 3 Footwall	BP12-CU09	195.5	KT10	471	87.7
Butler 3 Footwall	BP12-CU09	196	KT10	519	512
Butler 3 Footwall	BP12-CU09	196.5	KT10	475	437
Butler 3 Footwall	BP12-CU09	197	KT10	670	190
Butler 3 Footwall	BP12-CU09	197.5	KT10	533	517
Butler 3 Footwall	BP12-CU09	198	KT10	362	387
Butler 3 Footwall	BP12-CU09	198.5	KT10	336	67
Butler 3 Footwall	BP12-CU09	199	KT10	425	487
Butler 3 Footwall	BP12-CU09	199.5	KT10	406	259
Butler 3 Footwall	BP12-CU09	200	KT10	579	42.5
Butler 3 Footwall	BP12-CU09	200.5	KT10	467	499
Butler 3 Footwall	BP12-CU09	201	KT10	422	395
Butler 3 Footwall	BP12-CU09	201.5	KT10	410	401
Butler 3 Footwall	BP12-CU09	202	KT10	874	25.8
Butler 3 Footwall	BP12-CU09	202.5	KT10	402	863
Butler 3 Footwall	BP12-CU09	203	KT10	644	498
Butler 3 Footwall	BP12-CU09	203.5	KT10	477	42.9
Butler 3 Footwall	BP12-CU09	204	KT10	657	76.4
Butler 3 Footwall	BP12-CU09	204.5	KT10	756	69.9
Butler 3 Footwall	BP12-CU09	205	KT10	490	334
Butler 3 Footwall	BP12-CU09	205.5	KT10	662	253
Butler 3 Footwall	BP12-CU09	206	KT10	750	114
Butler 3 Footwall	BP12-CU09	206.5	KT10	737	193
Butler 3 Footwall	BP12-CU09	207	KT10	675	389
Butler 3 Footwall	BP12-CU09	207.5	KT10	459	161
Butler 3 Footwall	BP12-CU09	208	KT10	486	570
Butler 3 Footwall	BP12-CU09	208.5	KT10	598	398
Butler 3 Footwall	BP12-CU09	209	KT10	256	0
Butler 3 Footwall	BP12-CU09	209.5	KT10	483	443
Butler 3 Footwall	BP12-CU09	210	KT10	581	419
Butler 3 Footwall	BP12-CU09	210.5	KT10	379	408
Butler 3 Footwall	BP12-CU09	211	KT10	383	387
Butler 3 Footwall	BP12-CU09	211.5	KT10	608	509
Butler 3 Footwall	BP12-CU09	212	KT10	688	396
Butler 3 Footwall	BP12-CU09	212.5	KT10	660	114
Butler 3 Footwall	BP12-CU09	213	KT10	642	487
Butler 3 Footwall	BP12-CU09	213.5	KT10	657	109
Butler 3 Footwall	BP12-CU09	214	KT10	594	28.6
Butler 3 Footwall	BP12-CU09	214.5	KT10	526	1.3
Butler 3 Footwall	BP12-CU09	215	KT10	708	67
Butler 3 Footwall	BP12-CU09	215.5	KT10	592	330
Butler 3 Footwall	BP12-CU09	216	KT10	743	3.1
Butler 3 Footwall	BP12-CU09	216.5	KT10	534	9.9
Butler 3 Footwall	BP12-CU09	217	KT10	525	49.9
Butler 3 Footwall	BP12-CU09	217.5	KT10	747	2
Butler 3 Footwall	BP12-CU09	218	KT10	694	8.1
Butler 3 Footwall	BP12-CU09	218.5	KT10	514	1.2
Butler 3 Footwall	BP12-CU09	219	KT10	634	325
Butler 3 Footwall	BP12-CU09	219.5	KT10	619	450
Butler 3 Footwall	BP12-CU09	220	KT10	619	559
Butler 3 Footwall	BP12-CU09	220.5	KT10	543	30.7
Butler 3 Footwall	BP12-CU09	221	KT10	519	52.5
Butler 3 Footwall	BP12-CU09	221.5	KT10	303	422
Butler 3 Footwall	BP12-CU09	222	KT10	812	380
Butler 3 Footwall	BP12-CU09	222.5	KT10	398	688
Butler 3 Footwall	BP12-CU09	223	KT10	462	224
Butler 3 Footwall	BP12-CU09	223.5	KT10	260	1091
Butler 3 Footwall	BP12-CU09	224	KT10	113	0
Butler 3 Footwall	BP12-CU09	224.5	KT10	263	436
Butler 3 Footwall	BP12-CU09	225	KT10	558	241
Butler 3 Footwall	BP12-CU09	225.5	KT10	382	578
Butler 3 Footwall	BP12-CU09	226	KT10	314	792
Butler 3 Footwall	BP12-CU09	226.5	KT10	352	770
Butler 3 Footwall	BP12-CU09	227	KT10	268	1131
Butler 3 Footwall	BP12-CU09	227.5	KT10	472	219
Butler 3 Footwall	BP12-CU09	228	KT10	472	353
Butler 3 Footwall	BP12-CU09	228.5	KT10	296	413
Butler 3 Footwall	BP12-CU09	229	KT10	598	313
Butler 3 Footwall	BP12-CU09	229.5	KT10	299	495
Butler 3 Footwall	BP12-CU09	230	KT10	513	341
Butler 3 Footwall	BP12-CU09	230.5	KT10	341	335
Butler 3 Footwall	BP12-CU09	231	KT10	700	487

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	231.5	KT10	568	484
Butler 3 Footwall	BP12-CU09	232	KT10	866	203
Butler 3 Footwall	BP12-CU09	232.5	KT10	578	590
Butler 3 Footwall	BP12-CU09	233	KT10	930	14.1
Butler 3 Footwall	BP12-CU09	233.5	KT10	653	4.8
Butler 3 Footwall	BP12-CU09	234	KT10	749	188
Butler 3 Footwall	BP12-CU09	234.5	KT10	678	49.6
Butler 3 Footwall	BP12-CU09	235	KT10	883	64.9
Butler 3 Footwall	BP12-CU09	235.5	KT10	757	88.1
Butler 3 Footwall	BP12-CU09	236	KT10	604	32.1
Butler 3 Footwall	BP12-CU09	236.5	KT10	674	0.8
Butler 3 Footwall	BP12-CU09	237	KT10	3.22	0
Butler 3 Footwall	BP12-CU09	237.5	KT10	1.71	0
Butler 3 Footwall	BP12-CU09	238	KT10	2.02	0
Butler 3 Footwall	BP12-CU09	238.5	KT10	1.32	0
Butler 3 Footwall	BP12-CU09	239	KT10	1.75	0
Butler 3 Footwall	BP12-CU09	239.5	KT10	1.8	0
Butler 3 Footwall	BP12-CU09	240	KT10	1.73	0
Butler 3 Footwall	BP12-CU09	240.5	KT10	1.86	0
Butler 3 Footwall	BP12-CU09	241	KT10	2.08	0
Butler 3 Footwall	BP12-CU09	241.5	KT10	2.1	0
Butler 3 Footwall	BP12-CU09	242	KT10	1.51	0
Butler 3 Footwall	BP12-CU09	242.5	KT10	1.49	0
Butler 3 Footwall	BP12-CU09	243	KT10	1.75	0
Butler 3 Footwall	BP12-CU09	243.5	KT10	1.34	0
Butler 3 Footwall	BP12-CU09	244	KT10	1.84	0
Butler 3 Footwall	BP12-CU09	244.5	KT10	1.38	0
Butler 3 Footwall	BP12-CU09	245	KT10	1.95	0
Butler 3 Footwall	BP12-CU09	245.5	KT10	1.64	0
Butler 3 Footwall	BP12-CU09	246	KT10	7.17	0
Butler 3 Footwall	BP12-CU09	246.5	KT10	1.71	0
Butler 3 Footwall	BP12-CU09	247	KT10	47.1	0
Butler 3 Footwall	BP12-CU09	247.5	KT10	30.9	0
Butler 3 Footwall	BP12-CU09	248	KT10	37.1	0
Butler 3 Footwall	BP12-CU09	248.5	KT10	34	0
Butler 3 Footwall	BP12-CU09	249	KT10	67.1	0
Butler 3 Footwall	BP12-CU09	249.5	KT10	66.2	0
Butler 3 Footwall	BP12-CU09	250	KT10	36.3	0
Butler 3 Footwall	BP12-CU09	250.5	KT10	98.6	0
Butler 3 Footwall	BP12-CU09	251	KT10	130	0
Butler 3 Footwall	BP12-CU09	251.5	KT10	245	0
Butler 3 Footwall	BP12-CU09	252	KT10	48.9	0
Butler 3 Footwall	BP12-CU09	252.5	KT10	2.19	0
Butler 3 Footwall	BP12-CU09	253	KT10	2.46	0
Butler 3 Footwall	BP12-CU09	253.5	KT10	25.8	0
Butler 3 Footwall	BP12-CU09	254	KT10	25.6	0
Butler 3 Footwall	BP12-CU09	254.5	KT10	90.9	0
Butler 3 Footwall	BP12-CU09	255	KT10	2.06	0
Butler 3 Footwall	BP12-CU09	255.5	KT10	35.9	0
Butler 3 Footwall	BP12-CU09	256	KT10	46.8	0
Butler 3 Footwall	BP12-CU09	256.5	KT10	2.72	0
Butler 3 Footwall	BP12-CU09	257	KT10	125	0
Butler 3 Footwall	BP12-CU09	257.5	KT10	82.8	0
Butler 3 Footwall	BP12-CU09	258	KT10	58.5	0
Butler 3 Footwall	BP12-CU09	258.5	KT10	48.9	0
Butler 3 Footwall	BP12-CU09	259	KT10	17	0
Butler 3 Footwall	BP12-CU09	260	KT10	85.2	0
Butler 3 Footwall	BP12-CU09	261	KT10	2.52	0
Butler 3 Footwall	BP12-CU09	262	KT10	30.4	0
Butler 3 Footwall	BP12-CU09	263	KT10	58.7	0
Butler 3 Footwall	BP12-CU09	264	KT10	45.8	0
Butler 3 Footwall	BP12-CU09	265	KT10	219	0
Butler 3 Footwall	BP12-CU09	266	KT10	53.8	0
Butler 3 Footwall	BP12-CU09	267	KT10	2.3	0
Butler 3 Footwall	BP12-CU09	268	KT10	12.9	0
Butler 3 Footwall	BP12-CU09	269	KT10	22.8	0
Butler 3 Footwall	BP12-CU09	270	KT10	3.33	0
Butler 3 Footwall	BP12-CU09	271	KT10	13.1	0
Butler 3 Footwall	BP12-CU09	272	KT10	24.6	0
Butler 3 Footwall	BP12-CU09	273	KT10	7.83	0
Butler 3 Footwall	BP12-CU09	274	KT10	31.1	0
Butler 3 Footwall	BP12-CU09	275	KT10	25.8	0
Butler 3 Footwall	BP12-CU09	276	KT10	32.9	0
Butler 3 Footwall	BP12-CU09	277	KT10	4.3	0
Butler 3 Footwall	BP12-CU09	278	KT10	34.7	0
Butler 3 Footwall	BP12-CU09	279	KT10	1.93	0
Butler 3 Footwall	BP12-CU09	280	KT10	1.62	0
Butler 3 Footwall	BP12-CU09	281	KT10	2.41	0
Butler 3 Footwall	BP12-CU09	282	KT10	3.57	0
Butler 3 Footwall	BP12-CU09	283	KT10	47.9	0
Butler 3 Footwall	BP12-CU09	284	KT10	24.9	0
Butler 3 Footwall	BP12-CU09	285	KT10	2.02	0
Butler 3 Footwall	BP12-CU09	286	KT10	41.9	0
Butler 3 Footwall	BP12-CU09	287	KT10	19.8	0
Butler 3 Footwall	BP12-CU09	288	KT10	26.2	0
Butler 3 Footwall	BP12-CU09	289	KT10	3.16	0
Butler 3 Footwall	BP12-CU09	290	KT10	1.73	0
Butler 3 Footwall	BP12-CU09	291	KT10	12.1	0
Butler 3 Footwall	BP12-CU09	292	KT10	22.1	0
Butler 3 Footwall	BP12-CU09	293	KT10	1.21	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 Footwall	BP12-CU09	294	KT10	1.58	0
Butler 3 Footwall	BP12-CU09	295	KT10	1.69	0
Butler 3 Footwall	BP12-CU09	296	KT10	2.26	0
Butler 3 Footwall	BP12-CU09	297	KT10	2.63	0
Butler 3 Footwall	BP12-CU09	298	KT10	1.86	0
Butler 3 Footwall	BP12-CU09	299	KT10	1.49	0
Butler 3 Footwall	BP12-CU09	300	KT10	2.5	0
Butler 3 Footwall	BP12-CU09	301	KT10	2.65	0
Butler 3 Footwall	BP12-CU09	302	KT10	2.54	0
Butler 3 Footwall	BP12-CU09	303	KT10	2.15	0
Butler 3 Footwall	BP12-CU09	304	KT10	2.76	0
Butler 3 Footwall	BP12-CU09	305	KT10	2.74	0
Butler 3 Footwall	BP12-CU09	306	KT10	2.79	0
Butler 3 Footwall	BP12-CU09	307	KT10	3.03	0
Butler 3 Footwall	BP12-CU09	308	KT10	4.8	0
Butler 3 Footwall	BP12-CU09	309	KT10	7.35	0
Butler 3 Footwall	BP12-CU09	310	KT10	3.95	0
Butler 3 Footwall	BP12-CU09	311	KT10	70.5	0
Butler 3 Footwall	BP12-CU09	312	KT10	2.5	0
Butler 3 Footwall	BP12-CU09	313	KT10	2.96	0
Butler 3 Footwall	BP12-CU09	314	KT10	3.6	0
Butler 3 Footwall	BP12-CU09	315	KT10	2.98	0
Butler 3 Footwall	BP12-CU09	316	KT10	2.85	0
Butler 3 Footwall	BP12-CU09	317	KT10	3.16	0
Butler 3 Footwall	BP12-CU09	318	KT10	1.69	0
Butler 3 Footwall	BP12-CU09	319	KT10	0.86	0
Butler 3 Footwall	BP12-CU09	320	KT10	1.07	0
Butler 3 Footwall	BP12-CU09	321	KT10	1.82	0
Butler 3 Footwall	BP12-CU09	322	KT10	2.02	0
Butler 3 Footwall	BP12-CU09	323	KT10	1.29	0
Butler 3 Footwall	BP12-CU09	324	KT10	31	0
Butler 3 Footwall	BP12-CU09	325	KT10	93.8	0
Butler 3 Footwall	BP12-CU09	326	KT10	254	0
Butler 3 Footwall	BP12-CU09	327	KT10	1.25	0
Butler 3 Footwall	BP12-CU09	328	KT10	3.27	0
Butler 3 Footwall	BP12-CU09	329	KT10	1.47	0
Butler 3 Footwall	BP12-CU09	330	KT10	1.97	0
Butler 3 Footwall	BP12-CU09	331	KT10	1.21	0
Butler 3 Footwall	BP12-CU09	332	KT10	2.96	0
Butler 3 Footwall	BP12-CU09	333	KT10	3.57	0
Butler 3 Footwall	BP12-CU09	334	KT10	1.36	0
Butler 3 Footwall	BP12-CU09	335	KT10	1.32	0
Butler 3 Footwall	BP12-CU09	336	KT10	7.15	0
Butler 3 Footwall	BP12-CU09	337	KT10	1.67	0
Butler 3 Footwall	BP12-CU09	338	KT10	1.91	0
Butler 3 Footwall	BP12-CU09	339	KT10	5.85	0
Butler 3 Footwall	BP12-CU09	340	KT10	2.37	0
Butler 3 Footwall	BP12-CU09	341	KT10	117	0
Butler 3 Footwall	BP12-CU09	342	KT10	53.7	0
Butler 3 Footwall	BP12-CU09	343	KT10	31.5	0
Butler 3 Footwall	BP12-CU09	344	KT10	25.2	0
Butler 3 Footwall	BP12-CU09	345	KT10	2.1	0
Butler 3 Footwall	BP12-CU09	346	KT10	4.14	0
Butler 3 Footwall	BP12-CU09	347	KT10	2.89	0
Butler 3 Footwall	BP12-CU09	348	KT10	1.6	0
Butler 3 Footwall	BP12-CU09	349	KT10	2.26	0
Butler 3 Footwall	BP12-CU09	350	KT10	3.42	0
Butler 3 Footwall	BP12-CU09	351	KT10	8.24	0
Butler 3 Footwall	BP12-CU09	352	KT10	125	0
Butler 3 Footwall	BP12-CU09	353	KT10	59.8	0
Butler 3 Footwall	BP12-CU09	354	KT10	22.8	0
Butler 3 Footwall	BP12-CU09	355	KT10	3.2	0
Butler 3 Footwall	BP12-CU09	356	KT10	5.9	0
Butler 3 Footwall	BP12-CU09	357	KT10	31.2	0
Butler 3 Footwall	BP12-CU09	358	KT10	246	0
Butler 3 Footwall	BP12-CU09	359	KT10	3.25	0
Butler 3 Footwall	BP12-CU09	360	KT10	87	0
Butler 3 Footwall	BP12-CU09	361	KT10	8.86	0
Butler 3 Footwall	BP12-CU09	362	KT10	4.65	0
Butler 3 Footwall	BP12-CU09	363	KT10	2.08	0
Butler 3 Footwall	BP12-CU09	364	KT10	10.8	0
Butler 3 Footwall	BP12-CU09	365	KT10	4.17	0
Butler 3 Footwall	BP12-CU09	366	KT10	7.67	0
Butler 3 Footwall	BP12-CU09	367	KT10	5.37	0
Butler 3 Footwall	BP12-CU09	368	KT10	150	0
Butler 3 Footwall	BP12-CU09	369	KT10	110	0
Butler 3 Footwall	BP12-CU09	370	KT10	131	0
Butler 3 Footwall	BP12-CU09	371	KT10	11.4	0
Butler 3 Footwall	BP12-CU09	372	KT10	30.3	0
Butler 3 Footwall	BP12-CU09	373	KT10	119	0
Butler 3 Footwall	BP12-CU09	374	KT10	94.5	0
Butler 3 Footwall	BP12-CU09	375	KT10	52.7	0
Butler 3 Footwall	BP12-CU09	376	KT10	53.6	0
Butler 3	BP12-CU12	14	KT10	9.22	0
Butler 3	BP12-CU12	15	KT10	20.3	0
Butler 3	BP12-CU12	16	KT10	26.1	0
Butler 3	BP12-CU12	17	KT10	21.3	0
Butler 3	BP12-CU12	18	KT10	16.3	0
Butler 3	BP12-CU12	19	KT10	20.5	0
Butler 3	BP12-CU12	20	KT10	18.8	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP12-CU12	21	KT10	26.8	0
Butler 3	BP12-CU12	22	KT10	27.5	0
Butler 3	BP12-CU12	23	KT10	2.47	0
Butler 3	BP12-CU12	24	KT10	13.3	0
Butler 3	BP12-CU12	25	KT10	60.7	0
Butler 3	BP12-CU12	26	KT10	40.5	0
Butler 3	BP12-CU12	27	KT10	1.81	0
Butler 3	BP12-CU12	28	KT10	2.21	0
Butler 3	BP12-CU12	29	KT10	2.03	0
Butler 3	BP12-CU12	30	KT10	2.29	0
Butler 3	BP12-CU12	31	KT10	0.42	0
Butler 3	BP12-CU12	32	KT10	0.55	0
Butler 3	BP12-CU12	33	KT10	0.49	0
Butler 3	BP12-CU12	34	KT10	0.24	0
Butler 3	BP12-CU12	35	KT10	1.33	0
Butler 3	BP12-CU12	36	KT10	0.97	0
Butler 3	BP12-CU12	37	KT10	1.26	0
Butler 3	BP12-CU12	38	KT10	1.35	0
Butler 3	BP12-CU12	39	KT10	1.37	0
Butler 3	BP12-CU12	40	KT10	0.8	0
Butler 3	BP12-CU12	41	KT10	1.5	0
Butler 3	BP12-CU12	42	KT10	1.15	0
Butler 3	BP12-CU12	43	KT10	0.71	0
Butler 3	BP12-CU12	44	KT10	1.39	0
Butler 3	BP12-CU12	45	KT10	1.33	0
Butler 3	BP12-CU12	46	KT10	2.36	0
Butler 3	BP12-CU12	47	KT10	1.81	0
Butler 3	BP12-CU12	48	KT10	2.1	0
Butler 3	BP12-CU12	49	KT10	11.5	0
Butler 3	BP12-CU12	50	KT10	3.4	0
Butler 3	BP12-CU12	51	KT10	1.19	0
Butler 3	BP12-CU12	52	KT10	1.5	0
Butler 3	BP12-CU12	53	KT10	1.75	0
Butler 3	BP12-CU12	54	KT10	7.56	0
Butler 3	BP12-CU12	55	KT10	7.64	0
Butler 3	BP12-CU12	56	KT10	7.03	0
Butler 3	BP12-CU12	57	KT10	24.8	0
Butler 3	BP12-CU12	58	KT10	17	0
Butler 3	BP12-CU12	59	KT10	4.57	0
Butler 3	BP12-CU12	60	KT10	0.93	0
Butler 3	BP12-CU12	61	KT10	25.4	0
Butler 3	BP12-CU12	62	KT10	1.79	0
Butler 3	BP12-CU12	63	KT10	33	0
Butler 3	BP12-CU12	64	KT10	16.3	0
Butler 3	BP12-CU12	65	KT10	103	0
Butler 3	BP12-CU12	66	KT10	30.5	0
Butler 3	BP12-CU12	67	KT10	27.3	0
Butler 3	BP12-CU12	68	KT10	21.4	0
Butler 3	BP12-CU12	69	KT10	7.65	0
Butler 3	BP12-CU12	70	KT10	30.2	0
Butler 3	BP12-CU12	71	KT10	41.7	0
Butler 3	BP12-CU12	72	KT10	39.4	0
Butler 3	BP12-CU12	73	KT10	16.7	0
Butler 3	BP12-CU12	74	KT10	1.1	0
Butler 3	BP12-CU12	75	KT10	0.95	0
Butler 3	BP12-CU12	76	KT10	12.1	0
Butler 3	BP12-CU12	77	KT10	18.5	0
Butler 3	BP12-CU12	78	KT10	17.6	0
Butler 3	BP12-CU12	79	KT10	5.72	0
Butler 3	BP12-CU12	80	KT10	24.8	0
Butler 3	BP12-CU12	81	KT10	15.8	0
Butler 3	BP12-CU12	82	KT10	26.3	0
Butler 3	BP12-CU12	83	KT10	30.9	0
Butler 3	BP12-CU12	84	KT10	50.9	0
Butler 3	BP12-CU12	85	KT10	50.1	0
Butler 3	BP12-CU12	86	KT10	21.2	0
Butler 3	BP12-CU12	87	KT10	16.4	0
Butler 3	BP12-CU12	88	KT10	62.9	0
Butler 3	BP12-CU12	89	KT10	10.2	0
Butler 3	BP12-CU12	90	KT10	48.3	356
Butler 3	BP12-CU12	91	KT10	18.5	0
Butler 3	BP12-CU12	92	KT10	3.12	0
Butler 3	BP12-CU12	93	KT10	0.75	0
Butler 3	BP12-CU12	94	KT10	16	0
Butler 3	BP12-CU12	95	KT10	5.72	0
Butler 3	BP12-CU12	96	KT10	0.82	0
Butler 3	BP12-CU12	97	KT10	1.06	0
Butler 3	BP12-CU12	98	KT10	0.42	0
Butler 3	BP12-CU12	99	KT10	0.99	0
Butler 3	BP12-CU12	100	KT10	3.21	0
Butler 3	BP12-CU12	101	KT10	25.3	0
Butler 3	BP12-CU12	102	KT10	95.9	0
Butler 3	BP12-CU12	103	KT10	1.24	0
Butler 3	BP12-CU12	104	KT10	2.08	0
Butler 3	BP12-CU12	105	KT10	0.8	0
Butler 3	BP12-CU12	106	KT10	16.6	0
Butler 3	BP12-CU12	107	KT10	1.92	0
Butler 3	BP12-CU12	108	KT10	0.84	0
Butler 3	BP12-CU12	109	KT10	0.69	0
Butler 3	BP12-CU12	110	KT10	0.99	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP12-CU12	111	KT10	0.55	0
Butler 3	BP12-CU12	112	KT10	0.4	0
Butler 3	BP12-CU12	113	KT10	0.18	0
Butler 3	BP12-CU12	114	KT10	4.53	0
Butler 3	BP12-CU12	115	KT10	0.04	0
Butler 3	BP12-CU12	116	KT10	1.68	0
Butler 3	BP12-CU12	117	KT10	1.99	0
Butler 3	BP12-CU12	118	KT10	37.2	0
Butler 3	BP12-CU12	119	KT10	0.02	0
Butler 3	BP12-CU12	120	KT10	4.82	0
Butler 3	BP12-CU12	121	KT10	1.06	0
Butler 3	BP12-CU12	122	KT10	0	0
Butler 3	BP12-CU12	123	KT10	0.73	0
Butler 3	BP12-CU12	124	KT10	0.73	0
Butler 3	BP12-CU12	125	KT10	0.57	0
Butler 3	BP12-CU12	126	KT10	0	0
Butler 3	BP12-CU12	127	KT10	25.1	0
Butler 3	BP12-CU12	128	KT10	13.6	0
Butler 3	BP12-CU12	129	KT10	62.4	0
Butler 3	BP12-CU12	130	KT10	40.9	0
Butler 3	BP12-CU12	131	KT10	78.8	0
Butler 3	BP12-CU12	132	KT10	48.1	0
Butler 3	BP12-CU12	133	KT10	45	0
Butler 3	BP12-CU12	134	KT10	34.9	0
Butler 3	BP12-CU12	135	KT10	39.6	0
Butler 3	BP12-CU12	136	KT10	24.9	0
Butler 3	BP12-CU12	137	KT10	39.6	0
Butler 3	BP12-CU12	138	KT10	17.6	0
Butler 3	BP12-CU12	139	KT10	0	0
Butler 3	BP12-CU12	140	KT10	27.7	0
Butler 3	BP12-CU12	141	KT10	160	21.1
Butler 3	BP12-CU12	142	KT10	321	0
Butler 3	BP12-CU12	143	KT10	181	0
Butler 3	BP12-CU12	144	KT10	55.5	0
Butler 3	BP12-CU12	145	KT10	95.6	36.6
Butler 3	BP12-CU12	146	KT10	340	20.6
Butler 3	BP12-CU12	147	KT10	232	0
Butler 3	BP12-CU12	148	KT10	325	14.9
Butler 3	BP12-CU12	149	KT10	312	1
Butler 3	BP12-CU12	150	KT10	311	0
Butler 3	BP12-CU12	151	KT10	77.8	0
Butler 3	BP12-CU12	152	KT10	67	0
Butler 3	BP12-CU12	153	KT10	86.7	0
Butler 3	BP12-CU12	154	KT10	175	0
Butler 3	BP12-CU12	155	KT10	67.1	0
Butler 3	BP12-CU12	156	KT10	215	32.5
Butler 3	BP12-CU12	157	KT10	19.7	0
Butler 3	BP12-CU12	158	KT10	14.3	590
Butler 3	BP12-CU12	159	KT10	2.92	0
Butler 3	BP12-CU12	160	KT10	23.1	0
Butler 3	BP12-CU12	161	KT10	4.69	0
Butler 3	BP12-CU12	162	KT10	93	0
Butler 3	BP12-CU12	163	KT10	6.45	0
Butler 3	BP12-CU12	164	KT10	54.7	0
Butler 3	BP12-CU12	165	KT10	4.33	0
Butler 3	BP12-CU12	166	KT10	4.29	0
Butler 3	BP12-CU12	167	KT10	25.1	0
Butler 3	BP12-CU12	168	KT10	73.3	0
Butler 3	BP12-CU12	169	KT10	36.5	0
Butler 3	BP12-CU12	170	KT10	10.7	0
Butler 3	BP12-CU12	171	KT10	28.2	0
Butler 3	BP12-CU12	172	KT10	1.3	0
Butler 3	BP12-CU12	173	KT10	0.46	0
Butler 3	BP12-CU12	174	KT10	48.3	0
Butler 3	BP12-CU12	175	KT10	76.9	0
Butler 3	BP12-CU12	176	KT10	13	0
Butler 3	BP12-CU12	177	KT10	2.03	0
Butler 3	BP12-CU12	178	KT10	0.29	0
Butler 3	BP12-CU12	179	KT10	0	0
Butler 3	BP12-CU12	180	KT10	0.13	0
Butler 3	BP12-CU12	181	KT10	0	0
Butler 3	BP12-CU12	182	KT10	1.35	0
Butler 3	BP12-CU12	183	KT10	2.63	0
Butler 3	BP12-CU12	184	KT10	2.96	0
Butler 3	BP12-CU12	185	KT10	1.41	0
Butler 3	BP12-CU12	186	KT10	83	0
Butler 3	BP12-CU12	187	KT10	43.4	0
Butler 3	BP12-CU12	188	KT10	39.3	0
Butler 3	BP12-CU12	189	KT10	57.2	0
Butler 3	BP12-CU12	190	KT10	56.8	0
Butler 3	BP12-CU12	191	KT10	16.4	0
Butler 3	BP12-CU12	192	KT10	25.5	0
Butler 3	BP12-CU12	193	KT10	115	0
Butler 3	BP12-CU12	194	KT10	29.7	0
Butler 3	BP13-CU20	12	KT10	90.8	0
Butler 3	BP13-CU20	13	KT10	85.7	0
Butler 3	BP13-CU20	14	KT10	95.1	0
Butler 3	BP13-CU20	15	KT10	72.4	0
Butler 3	BP13-CU20	16	KT10	60.8	0
Butler 3	BP13-CU20	17	KT10	91.2	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP13-CU20	18	KT10	44.6	0
Butler 3	BP13-CU20	19	KT10	23.1	0
Butler 3	BP13-CU20	20	KT10	4.09	0
Butler 3	BP13-CU20	21	KT10	10.6	0
Butler 3	BP13-CU20	22	KT10	106	0
Butler 3	BP13-CU20	23	KT10	51.1	0
Butler 3	BP13-CU20	24	KT10	23.9	0
Butler 3	BP13-CU20	25	KT10	99.8	0
Butler 3	BP13-CU20	26	KT10	37.9	0
Butler 3	BP13-CU20	27	KT10	44.6	0
Butler 3	BP13-CU20	28	KT10	48.9	0
Butler 3	BP13-CU20	29	KT10	49.7	0
Butler 3	BP13-CU20	30	KT10	15.2	0
Butler 3	BP13-CU20	31	KT10	72.1	0
Butler 3	BP13-CU20	32	KT10	0.78	0
Butler 3	BP13-CU20	33	KT10	10.4	0
Butler 3	BP13-CU20	34	KT10	14.8	0
Butler 3	BP13-CU20	35	KT10	101	0
Butler 3	BP13-CU20	36	KT10	2.78	0
Butler 3	BP13-CU20	37	KT10	3.24	0
Butler 3	BP13-CU20	38	KT10	77.6	0
Butler 3	BP13-CU20	39	KT10	106	0
Butler 3	BP13-CU20	40	KT10	0.67	0
Butler 3	BP13-CU20	41	KT10	5.35	0
Butler 3	BP13-CU20	42	KT10	0.63	0
Butler 3	BP13-CU20	43	KT10	46.9	0
Butler 3	BP13-CU20	44	KT10	81.3	0
Butler 3	BP13-CU20	45	KT10	0.52	0
Butler 3	BP13-CU20	46	KT10	3.63	0
Butler 3	BP13-CU20	47	KT10	11.4	0
Butler 3	BP13-CU20	48	KT10	7.03	0
Butler 3	BP13-CU20	49	KT10	28.3	0
Butler 3	BP13-CU20	50	KT10	0.74	0
Butler 3	BP13-CU20	51	KT10	2.26	0
Butler 3	BP13-CU20	52	KT10	0.67	0
Butler 3	BP13-CU20	53	KT10	1.07	0
Butler 3	BP13-CU20	54	KT10	10.4	0
Butler 3	BP13-CU20	55	KT10	2.55	0
Butler 3	BP13-CU20	56	KT10	6.96	0
Butler 3	BP13-CU20	57	KT10	38.8	0
Butler 3	BP13-CU20	58	KT10	5.33	0
Butler 3	BP13-CU20	59	KT10	0.41	0
Butler 3	BP13-CU20	60	KT10	0.39	0
Butler 3	BP13-CU20	61	KT10	0.48	0
Butler 3	BP13-CU20	62	KT10	141	0
Butler 3	BP13-CU20	63	KT10	108	0
Butler 3	BP13-CU20	64	KT10	0.48	0
Butler 3	BP13-CU20	65	KT10	0.8	0
Butler 3	BP13-CU20	66	KT10	2.74	0
Butler 3	BP13-CU20	67	KT10	0.39	0
Butler 3	BP13-CU20	68	KT10	58.1	0
Butler 3	BP13-CU20	69	KT10	0.37	0
Butler 3	BP13-CU20	70	KT10	44.2	0
Butler 3	BP13-CU20	71	KT10	56.7	0
Butler 3	BP13-CU20	72	KT10	0.44	0
Butler 3	BP13-CU20	73	KT10	0.48	0
Butler 3	BP13-CU20	74	KT10	0.39	0
Butler 3	BP13-CU20	75	KT10	0.3	0
Butler 3	BP13-CU20	76	KT10	0.52	0
Butler 3	BP13-CU20	77	KT10	0.5	0
Butler 3	BP13-CU20	78	KT10	0.46	0
Butler 3	BP13-CU20	79	KT10	0.46	0
Butler 3	BP13-CU20	80	KT10	0.41	0
Butler 3	BP13-CU20	81	KT10	0.44	0
Butler 3	BP13-CU20	82	KT10	0.44	0
Butler 3	BP13-CU20	83	KT10	0.48	0
Butler 3	BP13-CU20	84	KT10	0.61	0
Butler 3	BP13-CU20	85	KT10	1.24	0
Butler 3	BP13-CU20	86	KT10	0.89	0
Butler 3	BP13-CU20	87	KT10	0.87	0
Butler 3	BP13-CU20	88	KT10	1.08	0
Butler 3	BP13-CU20	89	KT10	1.13	0
Butler 3	BP13-CU20	90	KT10	16.8	0
Butler 3	BP13-CU20	91	KT10	2.15	0
Butler 3	BP13-CU20	92	KT10	8.46	0
Butler 3	BP13-CU20	93	KT10	13.4	0
Butler 3	BP13-CU20	94	KT10	169	0
Butler 3	BP13-CU20	95	KT10	225	0
Butler 3	BP13-CU20	96	KT10	62.6	0
Butler 3	BP13-CU20	97	KT10	48.8	0
Butler 3	BP13-CU20	98	KT10	35.6	0
Butler 3	BP13-CU20	99	KT10	70.6	0
Butler 3	BP13-CU20	100	KT10	102	0
Butler 3	BP13-CU20	101	KT10	15.2	0
Butler 3	BP13-CU20	102	KT10	10.6	0
Butler 3	BP13-CU20	103	KT10	7.7	0
Butler 3	BP13-CU20	104	KT10	64	0
Butler 3	BP13-CU20	105	KT10	33.2	0
Butler 3	BP13-CU20	106	KT10	74.2	0
Butler 3	BP13-CU20	107	KT10	18.3	300

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP13-CU20	108	KT10	9.85	0
Butler 3	BP13-CU20	109	KT10	65	0
Butler 3	BP13-CU20	110	KT10	40.5	0
Butler 3	BP13-CU20	111	KT10	2.54	0
Butler 3	BP13-CU20	112	KT10	94.8	0
Butler 3	BP13-CU20	113	KT10	23.8	0
Butler 3	BP13-CU20	114	KT10	27.8	0
Butler 3	BP13-CU20	115	KT10	45.6	0
Butler 3	BP13-CU20	116	KT10	65.1	0
Butler 3	BP13-CU20	117	KT10	57.7	0
Butler 3	BP13-CU20	118	KT10	3.64	0
Butler 3	BP13-CU20	119	KT10	5.55	0
Butler 3	BP13-CU20	120	KT10	72.3	0
Butler 3	BP13-CU20	121	KT10	15	0
Butler 3	BP13-CU20	122	KT10	137	0
Butler 3	BP13-CU20	123	KT10	75.7	0
Butler 3	BP13-CU20	124	KT10	3.38	0
Butler 3	BP13-CU20	125	KT10	6.8	0
Butler 3	BP13-CU20	126	KT10	1.56	0
Butler 3	BP13-CU20	127	KT10	5.78	0
Butler 3	BP13-CU20	128	KT10	2.12	0
Butler 3	BP13-CU20	129	KT10	0.52	0
Butler 3	BP13-CU20	130	KT10	0.71	0
Butler 3	BP13-CU20	131	KT10	0.65	0
Butler 3	BP13-CU20	132	KT10	0.8	0
Butler 3	BP13-CU20	133	KT10	1.78	0
Butler 3	BP13-CU20	134	KT10	1.65	0
Butler 3	BP13-CU20	135	KT10	1.34	0
Butler 3	BP13-CU20	136	KT10	1.43	0
Butler 3	BP13-CU20	137	KT10	2.14	0
Butler 3	BP13-CU20	138	KT10	2.32	0
Butler 3	BP13-CU20	139	KT10	2.14	0
Butler 3	BP13-CU20	140	KT10	2.17	0
Butler 3	BP13-CU20	141	KT10	3.03	0
Butler 3	BP13-CU20	142	KT10	3.25	0
Butler 3	BP13-CU20	143	KT10	1.21	0
Butler 3	BP13-CU20	144	KT10	1.08	0
Butler 3	BP13-CU20	145	KT10	1.06	0
Butler 3	BP13-CU20	146	KT10	1.11	0
Butler 3	BP13-CU20	147	KT10	1.21	0
Butler 3	BP13-CU20	148	KT10	0.61	0
Butler 3	BP13-CU20	149	KT10	0.52	0
Butler 3	BP13-CU20	150	KT10	0.76	0
Butler 3	BP13-CU20	151	KT10	0.87	0
Butler 3	BP13-CU20	152	KT10	1.06	0
Butler 3	BP13-CU20	153	KT10	0.56	0
Butler 3	BP13-CU20	154	KT10	0.61	0
Butler 3	BP13-CU20	155	KT10	0.82	0
Butler 3	BP13-CU20	156	KT10	1.17	0
Butler 3	BP13-CU20	157	KT10	1.06	0
Butler 3	BP13-CU20	158	KT10	1.56	0
Butler 3	BP13-CU20	159	KT10	10.7	0
Butler 3	BP13-CU20	160	KT10	7.5	0
Butler 3	BP13-CU20	161	KT10	69.5	0
Butler 3	BP13-CU20	162	KT10	59.4	0
Butler 3	BP13-CU20	163	KT10	18.8	0
Butler 3	BP13-CU20	164	KT10	23.3	0
Butler 3	BP13-CU20	165	KT10	74.4	0
Butler 3	BP13-CU20	166	KT10	1.02	0
Butler 3	BP13-CU20	167	KT10	0.87	0
Butler 3	BP13-CU20	168	KT10	0.93	0
Butler 3	BP13-CU20	169	KT10	1.08	0
Butler 3	BP13-CU20	170	KT10	1.32	0
Butler 3	BP13-CU20	171	KT10	1.5	0
Butler 3	BP13-CU20	172	KT10	8.17	0
Butler 3	BP13-CU20	173	KT10	47.5	0
Butler 3	BP13-CU20	174	KT10	14.1	0
Butler 3	BP13-CU20	175	KT10	9.1	0
Butler 3	BP13-CU20	176	KT10	4.16	0
Butler 3	BP13-CU20	177	KT10	3.06	0
Butler 3	BP13-CU20	178	KT10	1.3	0
Butler 3	BP13-CU20	179	KT10	21.8	0
Butler 3	BP13-CU20	180	KT10	1.6	0
Butler 3	BP13-CU20	181	KT10	177	0
Butler 3	BP13-CU20	182	KT10	118	0
Butler 3	BP13-CU20	183	KT10	0.67	0
Butler 3	BP13-CU20	184	KT10	0.33	0
Butler 3	BP13-CU20	185	KT10	0.2	0
Butler 3	BP13-CU20	186	KT10	0.22	0
Butler 3	BP13-CU20	187	KT10	0.17	0
Butler 3	BP13-CU20	188	KT10	0.37	0
Butler 3	BP13-CU20	189	KT10	0.67	0
Butler 3	BP13-CU20	190	KT10	1.6	0
Butler 3	BP13-CU20	191	KT10	5.9	0
Butler 3	BP13-CU20	192	KT10	9.43	0
Butler 3	BP13-CU20	193	KT10	16.3	0
Butler 3	BP13-CU20	194	KT10	74.7	0
Butler 3	BP13-CU20	195	KT10	2.67	0
Butler 3	BP13-CU20	196	KT10	46.4	0
Butler 3	BP13-CU20	197	KT10	22.6	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP13-CU20	198	KT10	61.6	0
Butler 3	BP13-CU20	199	KT10	34.9	0
Butler 3	BP13-CU20	200	KT10	33.3	0
Butler 3	BP13-CU20	201	KT10	34.4	0
Butler 3	BP13-CU20	202	KT10	93.4	0
Butler 3	BP13-CU20	203	KT10	97.3	0
Butler 3	BP13-CU20	204	KT10	1.74	0
Butler 3	BP13-CU20	205	KT10	63.5	0
Butler 3	BP13-CU20	206	KT10	2.19	0
Butler 3	BP13-CU20	207	KT10	2.63	0
Butler 3	BP13-CU20	208	KT10	1.13	0
Butler 3	BP13-CU20	209	KT10	1.59	0
Butler 3	BP13-CU20	210	KT10	1.61	0
Butler 3	BP13-CU20	211	KT10	1.87	0
Butler 3	BP13-CU20	212	KT10	2.41	0
Butler 3	BP13-CU20	213	KT10	0.5	0
Butler 3	BP13-CU20	214	KT10	1.48	0
Butler 3	BP13-CU20	215	KT10	15.3	0
Butler 3	BP13-CU20	216	KT10	0.24	0
Butler 3	BP13-CU20	217	KT10	0.46	0
Butler 3	BP13-CU20	218	KT10	5.58	0
Butler 3	BP13-CU20	219	KT10	0.15	0
Butler 3	BP13-CU20	220	KT10	0.15	0
Butler 3	BP13-CU20	221	KT10	0.35	0
Butler 3	BP13-CU20	222	KT10	0.26	0
Butler 3	BP13-CU20	223	KT10	0.67	0
Butler 3	BP13-CU20	224	KT10	0.56	0
Butler 3	BP13-CU20	225	KT10	0.43	0
Butler 3	BP13-CU20	226	KT10	0.61	0
Butler 3	BP13-CU20	227	KT10	0.7	0
Butler 3	BP13-CU20	228	KT10	0.54	0
Butler 3	BP13-CU20	229	KT10	0.98	0
Butler 3	BP13-CU20	230	KT10	0.37	0
Butler 3	BP13-CU20	231	KT10	0.52	0
Butler 3	BP13-CU20	232	KT10	0.63	0
Butler 3	BP13-CU20	233	KT10	0.54	0
Butler 3	BP13-CU20	234	KT10	0.48	0
Butler 3	BP13-CU20	235	KT10	0.61	0
Butler 3	BP13-CU20	236	KT10	0.54	0
Butler 3	BP13-CU20	237	KT10	0.63	0
Butler 3	BP13-CU20	238	KT10	0.46	0
Butler 3	BP13-CU20	239	KT10	0.54	0
Butler 3	BP13-CU20	240	KT10	0.59	0
Butler 3	BP13-CU20	241	KT10	0.48	0
Butler 3	BP13-CU20	242	KT10	0.46	0
Butler 3	BP13-CU20	243	KT10	0.74	0
Butler 3	BP13-CU20	244	KT10	0.5	0
Butler 3	BP13-CU20	245	KT10	0.52	0
Butler 3	BP13-CU20	246	KT10	0.46	0
Butler 3	BP13-CU20	247	KT10	0.5	0
Butler 3	BP13-CU20	248	KT10	0.63	0
Butler 3	BP13-CU20	249	KT10	0.98	0
Butler 3	BP13-CU20	250	KT10	0.52	0
Butler 3	BP13-CU20	251	KT10	0.61	0
Butler 3	BP13-CU20	252	KT10	5.83	0
Butler 3	BP13-CU20	253	KT10	0.57	0
Butler 3	BP13-CU20	254	KT10	5.39	0
Butler 3	BP13-CU20	255	KT10	14	0
Butler 3	BP13-CU20	256	KT10	12.4	0
Butler 3	BP13-CU20	257	KT10	6.15	0
Butler 3	BP13-CU20	258	KT10	7.56	0
Butler 3	BP13-CU20	259	KT10	44.3	0
Butler 3	BP13-CU20	260	KT10	1.09	0
Butler 3	BP13-CU20	261	KT10	2.22	0
Butler 3	BP13-CU20	262	KT10	1.35	0
Butler 3	BP13-CU20	263	KT10	1.06	0
Butler 3	BP13-CU20	264	KT10	2.76	0
Butler 3	BP13-CU20	265	KT10	16.6	0
Butler 3	BP13-CU20	266	KT10	24.7	0
Butler 3	BP13-CU20	267	KT10	40.5	0
Butler 3	BP13-CU20	268	KT10	45	0
Butler 3	BP13-CU20	269	KT10	45.7	0
Butler 3	BP13-CU20	270	KT10	63.8	0
Butler 3	BP13-CU20	271	KT10	30.7	0
Butler 3	BP13-CU20	272	KT10	11	0
Butler 3	BP13-CU20	273	KT10	21.1	0
Butler 3	BP13-CU20	274	KT10	1.44	0
Butler 3	BP13-CU20	275	KT10	1.09	0
Butler 3	BP13-CU20	276	KT10	0.78	0
Butler 3	BP13-CU20	277	KT10	0.46	0
Butler 3	BP13-CU20	278	KT10	6.28	0
Butler 3	BP13-CU20	279	KT10	5.94	0
Butler 3	BP13-CU20	280	KT10	13.5	0
Butler 3	BP13-CU20	281	KT10	21.3	0
Butler 3	BP13-CU20	282	KT10	17.2	0
Butler 3	BP13-CU20	283	KT10	20.8	0
Butler 3	BP13-CU20	284	KT10	9.15	0
Butler 3	BP13-CU20	285	KT10	2.48	0
Butler 3	BP13-CU20	286	KT10	4.24	0
Butler 3	BP13-CU20	287	KT10	11.1	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP13-CU20	288	KT10	18.6	0
Butler 3	BP13-CU20	289	KT10	10.4	0
Butler 3	BP13-CU20	290	KT10	32.9	0
Butler 3	BP13-CU20	291	KT10	1.85	0
Butler 3	BP13-CU20	292	KT10	0.96	0
Butler 3	BP13-CU20	293	KT10	0.8	0
Butler 3	BP13-CU20	294	KT10	3.91	0
Butler 3	BP13-CU20	295	KT10	0.52	0
Butler 3	BP13-CU20	296	KT10	0.74	0
Butler 3	BP13-CU20	297	KT10	0.63	0
Butler 3	BP13-CU20	298	KT10	0.99	0
Butler 3	BP13-CU20	299	KT10	1.7	0
Butler 3	BP13-CU20	300	KT10	28.2	0
Butler 3	BP13-CU20	301	KT10	15.1	0
Butler 3	BP13-CU20	302	KT10	70.4	0
Butler 3	BP13-CU20	303	KT10	68.6	0
Butler 3	BP13-CU20	304	KT10	17.8	0
Butler 3	BP13-CU20	305	KT10	45.3	0
Butler 3	BP13-CU20	306	KT10	107	0
Butler 3	BP13-CU20	307	KT10	6.75	0
Butler 3	BP13-CU20	308	KT10	98.5	0
Butler 3	BP13-CU20	309	KT10	50.7	0
Butler 3	BP13-CU20	310	KT10	76.5	0
Butler 3	BP13-CU20	311	KT10	1.76	0
Butler 3	BP13-CU20	312	KT10	1.91	0
Butler 3	BP13-CU20	313	KT10	2.92	0
Butler 3	BP13-CU20	314	KT10	19.8	0
Butler 3	BP13-CU20	315	KT10	2.53	0
Butler 3	BP13-CU20	316	KT10	11.1	0
Butler 3	BP13-CU20	317	KT10	7.63	0
Butler 3	BP13-CU20	318	KT10	4.04	0
Butler 3	BP13-CU20	319	KT10	5.76	0
Butler 3	BP13-CU20	320	KT10	2.71	0
Butler 3	BP13-CU20	321	KT10	7.11	0
Butler 3	BP13-CU20	322	KT10	10.9	0
Butler 3	BP13-CU20	323	KT10	80.1	0
Butler 3	BP13-CU20	324	KT10	48.7	0
Butler 3	BP13-CU20	325	KT10	59.5	0
Butler 3	BP13-CU20	326	KT10	13.1	0
Butler 3	BP13-CU20	327	KT10	146	0
Butler 3	BP13-CU20	328	KT10	91.8	0
Butler 3	BP13-CU20	329	KT10	168	0
Butler 3	BP13-CU20	330	KT10	68.9	0
Butler 3	BP13-CU20	331	KT10	103	0
Butler 3	BP13-CU20	332	KT10	2.75	0
Butler 3	BP13-CU20	333	KT10	28.8	0
Butler 3	BP13-CU20	334	KT10	27.1	0
Butler 3	BP13-CU20	335	KT10	54.3	0
Butler 3	BP13-CU20	336	KT10	40.1	0
Butler 3	BP13-CU20	337	KT10	183	0
Butler 3	BP13-CU20	338	KT10	24.7	3368
Butler 3	BP13-CU20	339	KT10	117	0
Butler 3	BP13-CU20	340	KT10	144	0
Butler 3	BP13-CU20	341	KT10	21.8	0
Butler 3	BP13-CU20	342	KT10	45	0
Butler 3	BP13-CU20	343	KT10	42.7	0
Butler 3	BP13-CU20	344	KT10	26.1	0
Butler 3	BP13-CU20	345	KT10	39.4	0
Butler 3	BP13-CU20	346	KT10	103	0
Butler 3	BP13-CU20	347	KT10	78.2	0
Butler 3	BP13-CU20	348	KT10	1.7	0
Butler 3	BP13-CU20	349	KT10	1.72	0
Butler 3	BP13-CU20	350	KT10	1.81	0
Butler 3	BP13-CU20	351	KT10	10.2	0
Butler 3	BP13-CU20	352	KT10	150	0
Butler 3	BP13-CU20	353	KT10	181	0
Butler 3	BP13-CU20	354	KT10	224	0
Butler 3	BP13-CU20	355	KT10	21.9	0
Butler 3	BP13-CU20	356	KT10	65.1	0
Butler 3	BP13-CU20	357	KT10	2	0
Butler 3	BP13-CU20	358	KT10	34	0
Butler 3	BP13-CU20	359	KT10	119	0
Butler 3	BP13-CU20	360	KT10	23.3	0
Butler 3	BP13-CU20	361	KT10	65.3	0
Butler 3	BP13-CU20	362	KT10	153	0
Butler 3	BP13-CU20	363	KT10	94.1	0
Butler 3	BP13-CU20	364	KT10	173	0
Butler 3	BP13-CU20	365	KT10	26.7	0
Butler 3	BP13-CU20	366	KT10	19.1	0
Butler 3	BP13-CU20	367	KT10	4.64	0
Butler 3	BP13-CU20	368	KT10	33.5	0
Butler 3	BP13-CU20	369	KT10	4.75	0
Butler 3	BP13-CU20	370	KT10	39.4	0
Butler 3	BP13-CU20	371	KT10	1.35	0
Butler 3	BP13-CU20	372	KT10	98.9	0
Butler 3	BP13-CU20	373	KT10	2.52	0
Butler 3	BP13-CU20	374	KT10	5.18	0
Butler 3	BP13-CU20	375	KT10	17.3	0
Butler 3	BP13-CU20	376	KT10	1.81	0
Butler 3	BP13-CU20	377	KT10	58.8	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3	BP13-CU20	378	KT10	2.39	0
Butler 3	BP13-CU20	379	KT10	2.99	0
Butler 3	BP13-CU20	380	KT10	32.5	0
Butler 3	BP13-CU20	381	KT10	3.18	0
Butler 3	BP13-CU20	382	KT10	1.2	0
Butler 3	BP13-CU20	383	KT10	36.5	0
Butler 3	BP13-CU20	384	KT10	10.3	0
Butler 3	BP13-CU20	385	KT10	1.59	0
Butler 3	BP13-CU20	386	KT10	1.48	0
Butler 3	BP13-CU20	387	KT10	0.65	0
Butler 3	BP13-CU20	388	KT10	1.16	0
Butler 3	BP13-CU20	389	KT10	1.29	0
Butler 3	BP13-CU20	390	KT10	1.2	0
Butler 3	BP13-CU20	391	KT10	0.24	0
Butler 3	BP13-CU20	392	KT10	0.84	0
Butler 3	BP13-CU20	393	KT10	1.68	0
Butler 3	BP13-CU20	394	KT10	2.09	0
Butler 3	BP13-CU20	395	KT10	1.94	0
Butler 4	BP13-CU21	14	KT10	1.13	0
Butler 4	BP13-CU21	15	KT10	1.13	0
Butler 4	BP13-CU21	16	KT10	6.41	0
Butler 4	BP13-CU21	17	KT10	1.06	0
Butler 4	BP13-CU21	18	KT10	3.14	0
Butler 4	BP13-CU21	19	KT10	9.34	0
Butler 4	BP13-CU21	20	KT10	2.73	0
Butler 4	BP13-CU21	21	KT10	7.46	0
Butler 4	BP13-CU21	22	KT10	1.08	0
Butler 4	BP13-CU21	23	KT10	0.87	0
Butler 4	BP13-CU21	24	KT10	1.11	0
Butler 4	BP13-CU21	25	KT10	1.41	0
Butler 4	BP13-CU21	26	KT10	1.08	0
Butler 4	BP13-CU21	27	KT10	1.99	0
Butler 4	BP13-CU21	28	KT10	0.82	0
Butler 4	BP13-CU21	29	KT10	1.15	0
Butler 4	BP13-CU21	30	KT10	0.95	0
Butler 4	BP13-CU21	31	KT10	0.8	0
Butler 4	BP13-CU21	32	KT10	0.89	0
Butler 4	BP13-CU21	33	KT10	0.85	0
Butler 4	BP13-CU21	34	KT10	0.8	0
Butler 4	BP13-CU21	35	KT10	0.89	0
Butler 4	BP13-CU21	36	KT10	0.95	0
Butler 4	BP13-CU21	37	KT10	0.87	0
Butler 4	BP13-CU21	38	KT10	4.84	0
Butler 4	BP13-CU21	39	KT10	1.61	0
Butler 4	BP13-CU21	40	KT10	1.34	0
Butler 4	BP13-CU21	41	KT10	1	0
Butler 4	BP13-CU21	42	KT10	1.15	0
Butler 4	BP13-CU21	43	KT10	1	0
Butler 4	BP13-CU21	44	KT10	0.8	0
Butler 4	BP13-CU21	45	KT10	0.82	0
Butler 4	BP13-CU21	46	KT10	0.8	0
Butler 4	BP13-CU21	47	KT10	0.85	0
Butler 4	BP13-CU21	48	KT10	0.89	0
Butler 4	BP13-CU21	49	KT10	0.85	0
Butler 4	BP13-CU21	50	KT10	0.93	0
Butler 4	BP13-CU21	51	KT10	5.47	0
Butler 4	BP13-CU21	52	KT10	9.72	0
Butler 4	BP13-CU21	53	KT10	1.06	0
Butler 4	BP13-CU21	54	KT10	0.85	0
Butler 4	BP13-CU21	55	KT10	0.91	0
Butler 4	BP13-CU21	56	KT10	0.78	0
Butler 4	BP13-CU21	57	KT10	1.09	0
Butler 4	BP13-CU21	58	KT10	0.96	0
Butler 4	BP13-CU21	59	KT10	1.06	0
Butler 4	BP13-CU21	60	KT10	0.8	0
Butler 4	BP13-CU21	61	KT10	0.76	0
Butler 4	BP13-CU21	62	KT10	0.67	0
Butler 4	BP13-CU21	63	KT10	0.76	0
Butler 4	BP13-CU21	64	KT10	0.72	0
Butler 4	BP13-CU21	65	KT10	0.85	0
Butler 4	BP13-CU21	66	KT10	0.93	0
Butler 4	BP13-CU21	67	KT10	1.09	0
Butler 4	BP13-CU21	68	KT10	0.98	0
Butler 4	BP13-CU21	69	KT10	4.19	0
Butler 4	BP13-CU21	70	KT10	0.74	0
Butler 4	BP13-CU21	71	KT10	0.8	0
Butler 4	BP13-CU21	72	KT10	0.78	0
Butler 4	BP13-CU21	73	KT10	2.15	0
Butler 4	BP13-CU21	74	KT10	1.22	0
Butler 4	BP13-CU21	75	KT10	14.6	0
Butler 4	BP13-CU21	76	KT10	28.5	0
Butler 4	BP13-CU21	77	KT10	1.22	0
Butler 4	BP13-CU21	78	KT10	23.1	0
Butler 4	BP13-CU21	79	KT10	0.91	0
Butler 4	BP13-CU21	80	KT10	0.96	0
Butler 4	BP13-CU21	81	KT10	0.91	0
Butler 4	BP13-CU21	82	KT10	6.47	0
Butler 4	BP13-CU21	83	KT10	41.9	0
Butler 4	BP13-CU21	84	KT10	68.9	0
Butler 4	BP13-CU21	85	KT10	14.1	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	BP13-CU21	86	KT10	39.3	0
Butler 4	BP13-CU21	87	KT10	46.8	0
Butler 4	BP13-CU21	88	KT10	46.6	0
Butler 4	BP13-CU21	89	KT10	95.6	0
Butler 4	BP13-CU21	90	KT10	62.2	0
Butler 4	BP13-CU21	91	KT10	28.1	0
Butler 4	BP13-CU21	92	KT10	78.5	0
Butler 4	BP13-CU21	93	KT10	65.2	0
Butler 4	BP13-CU21	94	KT10	41.6	0
Butler 4	BP13-CU21	95	KT10	11.5	0
Butler 4	BP13-CU21	96	KT10	5.67	0
Butler 4	BP13-CU21	97	KT10	48.5	0
Butler 4	BP13-CU21	98	KT10	26.5	0
Butler 4	BP13-CU21	99	KT10	14.6	0
Butler 4	BP13-CU21	100	KT10	0.89	0
Butler 4	BP13-CU21	101	KT10	0.98	0
Butler 4	BP13-CU21	102	KT10	1.06	0
Butler 4	BP13-CU21	103	KT10	1.17	0
Butler 4	BP13-CU21	104	KT10	1.07	0
Butler 4	BP13-CU21	105	KT10	1.15	0
Butler 4	BP13-CU21	106	KT10	0.96	0
Butler 4	BP13-CU21	107	KT10	16.2	0
Butler 4	BP13-CU21	108	KT10	25	0
Butler 4	BP13-CU21	109	KT10	1.02	0
Butler 4	BP13-CU21	110	KT10	1.59	0
Butler 4	BP13-CU21	111	KT10	5.96	0
Butler 4	BP13-CU21	112	KT10	30.7	0
Butler 4	BP13-CU21	113	KT10	0.87	0
Butler 4	BP13-CU21	114	KT10	0.85	0
Butler 4	BP13-CU21	115	KT10	12.7	0
Butler 4	BP13-CU21	116	KT10	6.78	0
Butler 4	BP13-CU21	117	KT10	37.1	0
Butler 4	BP13-CU21	118	KT10	26.7	0
Butler 4	BP13-CU21	119	KT10	2.08	0
Butler 4	BP13-CU21	120	KT10	26	0
Butler 4	BP13-CU21	121	KT10	49.3	0
Butler 4	BP13-CU21	122	KT10	1.56	0
Butler 4	BP13-CU21	123	KT10	1.3	0
Butler 4	BP13-CU21	124	KT10	1.54	0
Butler 4	BP13-CU21	125	KT10	1.15	0
Butler 4	BP13-CU21	126	KT10	1.08	0
Butler 4	BP13-CU21	127	KT10	1.36	0
Butler 4	BP13-CU21	128	KT10	1.04	0
Butler 4	BP13-CU21	129	KT10	0.84	0
Butler 4	BP13-CU21	130	KT10	1.02	0
Butler 4	BP13-CU21	131	KT10	0.89	0
Butler 4	BP13-CU21	132	KT10	1.28	0
Butler 4	BP13-CU21	133	KT10	0.84	0
Butler 4	BP13-CU21	134	KT10	1	0
Butler 4	BP13-CU21	135	KT10	0.58	0
Butler 4	BP13-CU21	136	KT10	0.74	0
Butler 4	BP13-CU21	137	KT10	1.32	0
Butler 4	BP13-CU21	138	KT10	0.84	0
Butler 4	BP13-CU21	139	KT10	0.95	0
Butler 4	BP13-CU21	140	KT10	1.24	0
Butler 4	BP13-CU21	141	KT10	1	0
Butler 4	BP13-CU21	142	KT10	0.74	0
Butler 4	BP13-CU21	143	KT10	0.82	0
Butler 4	BP13-CU21	144	KT10	0.82	0
Butler 4	BP13-CU21	145	KT10	0.8	0
Butler 4	BP13-CU21	146	KT10	0.69	0
Butler 4	BP13-CU21	147	KT10	0.85	0
Butler 4	BP13-CU21	148	KT10	0.56	0
Butler 4	BP13-CU21	149	KT10	0.87	0
Butler 4	BP13-CU21	150	KT10	0.63	0
Butler 4	BP13-CU21	151	KT10	0.65	0
Butler 4	BP13-CU21	152	KT10	0.67	0
Butler 4	BP13-CU21	153	KT10	0.76	0
Butler 4	BP13-CU21	154	KT10	8.82	0
Butler 4	BP13-CU21	155	KT10	7.15	0
Butler 4	BP13-CU21	156	KT10	9.43	0
Butler 4	BP13-CU21	157	KT10	13.6	0
Butler 4	BP13-CU21	158	KT10	0.89	0
Butler 4	BP13-CU21	159	KT10	0.82	0
Butler 4	BP13-CU21	160	KT10	0.76	0
Butler 4	BP13-CU21	161	KT10	0.65	0
Butler 4	BP13-CU21	162	KT10	0.61	0
Butler 4	BP13-CU21	163	KT10	0.8	0
Butler 4	BP13-CU21	164	KT10	4.72	0
Butler 4	BP13-CU21	165	KT10	7.17	0
Butler 4	BP13-CU21	166	KT10	6.87	0
Butler 4	BP13-CU21	167	KT10	1.32	0
Butler 4	BP13-CU21	168	KT10	0.76	0
Butler 4	BP13-CU21	169	KT10	10.6	0
Butler 4	BP13-CU21	170	KT10	1.02	0
Butler 4	BP13-CU21	171	KT10	0.59	0
Butler 4	BP13-CU21	172	KT10	1.8	0
Butler 4	BP13-CU21	173	KT10	1.43	0
Butler 4	BP13-CU21	174	KT10	3.66	0
Butler 4	BP13-CU21	175	KT10	4.92	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	BP13-CU21	176	KT10	10.9	0
Butler 4	BP13-CU21	177	KT10	24.7	0
Butler 4	BP13-CU21	178	KT10	7.43	0
Butler 4	BP13-CU21	179	KT10	16.4	0
Butler 4	BP13-CU21	180	KT10	0.65	0
Butler 4	BP13-CU21	181	KT10	0.76	0
Butler 4	BP13-CU21	182	KT10	1.02	0
Butler 4	BP13-CU21	183	KT10	3.12	0
Butler 4	BP13-CU21	184	KT10	0.67	0
Butler 4	BP13-CU21	185	KT10	0.65	0
Butler 4	BP13-CU21	186	KT10	0.59	0
Butler 4	BP13-CU21	187	KT10	1.04	0
Butler 4	BP13-CU21	188	KT10	0.56	0
Butler 4	BP13-CU21	189	KT10	0.59	0
Butler 4	BP13-CU21	190	KT10	0.85	0
Butler 4	BP13-CU21	191	KT10	0.54	0
Butler 4	BP13-CU21	192	KT10	0.65	0
Butler 4	BP13-CU21	193	KT10	0.54	0
Butler 4	BP13-CU21	194	KT10	0.76	0
Butler 4	BP13-CU21	195	KT10	0.59	0
Butler 4	BP13-CU21	196	KT10	0.8	0
Butler 4	BP13-CU21	197	KT10	0.61	0
Butler 4	BP13-CU21	198	KT10	0.74	0
Butler 4	BP13-CU21	199	KT10	0.61	0
Butler 4	BP13-CU21	200	KT10	1.21	0
Butler 4	BP13-CU21	201	KT10	0.98	0
Butler 4	BP13-CU21	202	KT10	0.67	0
Butler 4	BP13-CU21	203	KT10	0.72	0
Butler 4	BP13-CU21	204	KT10	0.76	0
Butler 4	BP13-CU21	205	KT10	0.69	0
Butler 4	BP13-CU21	206	KT10	0.63	0
Butler 4	BP13-CU21	207	KT10	0.89	0
Butler 4	BP13-CU21	208	KT10	0.65	0
Butler 4	BP13-CU21	209	KT10	0.72	0
Butler 4	BP13-CU21	210	KT10	0.87	0
Butler 4	BP13-CU21	211	KT10	0.65	0
Butler 4	BP13-CU21	212	KT10	0.67	0
Butler 4	BP13-CU21	213	KT10	1.32	0
Butler 4	BP13-CU21	214	KT10	1	0
Butler 4	BP13-CU21	215	KT10	1.11	0
Butler 4	BP13-CU21	216	KT10	14.8	0
Butler 4	BP13-CU21	217	KT10	5.09	0
Butler 4	BP13-CU21	218	KT10	1.76	0
Butler 4	BP13-CU21	219	KT10	16.6	0
Butler 4	BP13-CU21	220	KT10	1.19	0
Butler 4	BP13-CU21	221	KT10	0.67	0
Butler 4	BP13-CU21	222	KT10	6.96	0
Butler 4	BP13-CU21	223	KT10	7.57	0
Butler 4	BP13-CU21	224	KT10	12.1	0
Butler 4	BP13-CU21	225	KT10	143	0
Butler 4	BP13-CU21	226	KT10	121	0
Butler 4	BP13-CU21	227	KT10	5.16	0
Butler 4	BP13-CU21	228	KT10	1.39	0
Butler 4	BP13-CU21	229	KT10	1.41	0
Butler 4	BP13-CU21	230	KT10	13.1	0
Butler 4	BP13-CU21	231	KT10	1.02	0
Butler 4	BP13-CU21	232	KT10	0.65	0
Butler 4	BP13-CU21	233	KT10	0.48	0
Butler 4	BP13-CU21	234	KT10	0.46	0
Butler 4	BP13-CU21	235	KT10	0.48	0
Butler 4	BP13-CU21	236	KT10	0.83	0
Butler 4	BP13-CU21	237	KT10	0.59	0
Butler 4	BP13-CU21	238	KT10	0.67	0
Butler 4	BP13-CU21	239	KT10	0.5	0
Butler 4	BP13-CU21	240	KT10	0.72	0
Butler 4	BP13-CU21	241	KT10	0.85	0
Butler 4	BP13-CU21	242	KT10	0.74	0
Butler 4	BP13-CU21	243	KT10	0.78	0
Butler 4	BP13-CU21	244	KT10	0.85	0
Butler 4	BP13-CU21	245	KT10	0.67	0
Butler 4	BP13-CU21	246	KT10	240	0
Butler 4	BP13-CU21	247	KT10	1.09	0
Butler 4	BP13-CU21	248	KT10	0.74	0
Butler 4	BP13-CU21	249	KT10	0.89	0
Butler 4	BP13-CU21	250	KT10	3.82	0
Butler 4	BP13-CU21	251	KT10	0.33	0
Butler 4	BP13-CU21	252	KT10	0.5	0
Butler 4	BP13-CU21	253	KT10	0.46	0
Butler 4	BP13-CU21	254	KT10	0.54	0
Butler 4	BP13-CU21	255	KT10	0.5	0
Butler 4	BP13-CU21	256	KT10	0.52	0
Butler 4	BP13-CU21	257	KT10	37.3	140
Butler 4	BP13-CU21	258	KT10	38.9	101
Butler 4	BP13-CU21	259	KT10	143	0
Butler 4	BP13-CU21	260	KT10	114	0
Butler 4	BP13-CU21	261	KT10	23.2	0
Butler 4	BP13-CU21	262	KT10	39.9	13740
Butler 4	BP13-CU21	263	KT10	27.4	180
Butler 4	BP13-CU21	264	KT10	21.3	0
Butler 4	BP13-CU21	265	KT10	14.2	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	BP13-CU21	266	KT10	4.13	0
Butler 4	BP13-CU21	267	KT10	1.93	0
Butler 4	BP13-CU21	268	KT10	12.6	0
Butler 4	BP13-CU21	269	KT10	16.1	0
Butler 4	BP13-CU21	270	KT10	1.22	0
Butler 4	BP13-CU21	271	KT10	25.4	0
Butler 4	BP13-CU21	272	KT10	5.26	0
Butler 4	BP13-CU21	273	KT10	131	0
Butler 4	BP13-CU21	274	KT10	135	0
Butler 4	BP13-CU21	275	KT10	95.8	0
Butler 4	BP13-CU21	276	KT10	43.4	0
Butler 4	BP13-CU21	277	KT10	68.8	0
Butler 4	BP13-CU21	278	KT10	40.2	0
Butler 4	BP13-CU21	279	KT10	28.8	0
Butler 4	BP13-CU21	280	KT10	28.1	0
Butler 4	BP13-CU21	281	KT10	1.02	0
Butler 4	BP13-CU21	282	KT10	2.93	0
Butler 4	BP13-CU21	283	KT10	0.83	0
Butler 4	BP13-CU21	284	KT10	0.7	0
Butler 4	BP13-CU21	285	KT10	0.78	0
Butler 4	BP13-CU21	286	KT10	1.22	0
Butler 4	MN06-27	20	MPP-EM1	0.1	0
Butler 4	MN06-27	20.5	MPP-EM1	0.5	0
Butler 4	MN06-27	21	MPP-EM1	0.3	0
Butler 4	MN06-27	21.5	MPP-EM1	0.5	0
Butler 4	MN06-27	22	MPP-EM1	0.5	0
Butler 4	MN06-27	22.5	MPP-EM1	0.5	0
Butler 4	MN06-27	23	MPP-EM1	0.1	0
Butler 4	MN06-27	23.5	MPP-EM1	0.1	0
Butler 4	MN06-27	24	MPP-EM1	0.8	0
Butler 4	MN06-27	24.5	MPP-EM1	0	0
Butler 4	MN06-27	25	MPP-EM1	0.4	0
Butler 4	MN06-27	25.5	MPP-EM1	0.8	0
Butler 4	MN06-27	26	MPP-EM1	0	0
Butler 4	MN06-27	26.5	MPP-EM1	0.4	0
Butler 4	MN06-27	27	MPP-EM1	0.6	0
Butler 4	MN06-27	27.5	MPP-EM1	0.2	0
Butler 4	MN06-27	28	MPP-EM1	0.2	0
Butler 4	MN06-27	28.5	MPP-EM1	0	0
Butler 4	MN06-27	29	MPP-EM1	0	0.1
Butler 4	MN06-27	29.5	MPP-EM1	0.7	0
Butler 4	MN06-27	30	MPP-EM1	0.2	0
Butler 4	MN06-27	30.5	MPP-EM1	0	0.1
Butler 4	MN06-27	31	MPP-EM1	0.1	0
Butler 4	MN06-27	31.5	MPP-EM1	0	0
Butler 4	MN06-27	32	MPP-EM1	0.1	0.1
Butler 4	MN06-27	32.5	MPP-EM1	0	0.1
Butler 4	MN06-27	33	MPP-EM1	0.3	0.1
Butler 4	MN06-27	33.5	MPP-EM1	0	0.2
Butler 4	MN06-27	34	MPP-EM1	0.2	0
Butler 4	MN06-27	34.5	MPP-EM1	0.4	0.1
Butler 4	MN06-27	35	MPP-EM1	0.5	0.2
Butler 4	MN06-27	35.5	MPP-EM1	0.2	0.1
Butler 4	MN06-27	36	MPP-EM1	0.1	0.1
Butler 4	MN06-27	36.5	MPP-EM1	0.6	0
Butler 4	MN06-27	37	MPP-EM1	0.4	0
Butler 4	MN06-27	37.5	MPP-EM1	0.6	0
Butler 4	MN06-27	38	MPP-EM1	0.3	0
Butler 4	MN06-27	38.5	MPP-EM1	0.2	0
Butler 4	MN06-27	39	MPP-EM1	0.2	0
Butler 4	MN06-27	39.5	MPP-EM1	0.4	0
Butler 4	MN06-27	40	MPP-EM1	0.6	0
Butler 4	MN06-27	40.5	MPP-EM1	0.5	0
Butler 4	MN06-27	41	MPP-EM1	0.1	0
Butler 4	MN06-27	41.5	MPP-EM1	0.4	0
Butler 4	MN06-27	42	MPP-EM1	0.4	0
Butler 4	MN06-27	42.5	MPP-EM1	0.5	0
Butler 4	MN06-27	43	MPP-EM1	0.3	0
Butler 4	MN06-27	43.5	MPP-EM1	0.3	0
Butler 4	MN06-27	44	MPP-EM1	0.4	0
Butler 4	MN06-27	44.5	MPP-EM1	0.9	0
Butler 4	MN06-27	45	MPP-EM1	1.2	0
Butler 4	MN06-27	45.5	MPP-EM1	0.4	0
Butler 4	MN06-27	46	MPP-EM1	0.3	0
Butler 4	MN06-27	46.5	MPP-EM1	0.5	0
Butler 4	MN06-27	47	MPP-EM1	0.1	0
Butler 4	MN06-27	47.5	MPP-EM1	0.3	0
Butler 4	MN06-27	48	MPP-EM1	0.4	0
Butler 4	MN06-27	48.5	MPP-EM1	0.7	0
Butler 4	MN06-27	49	MPP-EM1	0.5	0
Butler 4	MN06-27	49.5	MPP-EM1	0.4	0
Butler 4	MN06-27	50	MPP-EM1	0.6	0
Butler 4	MN06-27	50.5	MPP-EM1	0.5	0
Butler 4	MN06-27	51	MPP-EM1	0.5	0
Butler 4	MN06-27	51.5	MPP-EM1	0.6	0
Butler 4	MN06-27	52	MPP-EM1	0.3	0
Butler 4	MN06-27	52.5	MPP-EM1	0.5	0
Butler 4	MN06-27	53	MPP-EM1	0.5	0
Butler 4	MN06-27	53.5	MPP-EM1	0.5	0
Butler 4	MN06-27	54	MPP-EM1	0.5	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	MN06-27	54.5	MPP-EM1	0.2	0
Butler 4	MN06-27	55	MPP-EM1	0.5	0
Butler 4	MN06-27	55.5	MPP-EM1	0.5	0
Butler 4	MN06-27	56	MPP-EM1	0.5	0
Butler 4	MN06-27	56.5	MPP-EM1	0.7	0
Butler 4	MN06-27	57	MPP-EM1	0.4	0
Butler 4	MN06-27	57.5	MPP-EM1	0.6	0
Butler 4	MN06-27	58	MPP-EM1	0.4	0
Butler 4	MN06-27	58.5	MPP-EM1	0.6	0
Butler 4	MN06-27	59	MPP-EM1	1.3	0
Butler 4	MN06-27	59.5	MPP-EM1	0.5	0
Butler 4	MN06-27	60	MPP-EM1	0.5	0
Butler 4	MN06-27	60.5	MPP-EM1	0.5	0
Butler 4	MN06-27	61	MPP-EM1	0.4	0
Butler 4	MN06-27	61.5	MPP-EM1	0.9	0
Butler 4	MN06-27	62	MPP-EM1	0.4	0
Butler 4	MN06-27	62.5	MPP-EM1	0.5	0
Butler 4	MN06-27	63	MPP-EM1	2.2	0
Butler 4	MN06-27	63.5	MPP-EM1	0.6	0
Butler 4	MN06-27	64	MPP-EM1	0.6	0
Butler 4	MN06-27	64.5	MPP-EM1	0.3	0
Butler 4	MN06-27	65	MPP-EM1	0.4	0
Butler 4	MN06-27	65.5	MPP-EM1	0.6	0
Butler 4	MN06-27	66	MPP-EM1	21.6	0
Butler 4	MN06-27	66.5	MPP-EM1	0.8	0
Butler 4	MN06-27	67	MPP-EM1	94.3	0
Butler 4	MN06-27	67.5	MPP-EM1	68.3	0
Butler 4	MN06-27	68	MPP-EM1	58.7	0
Butler 4	MN06-27	68.5	MPP-EM1	40.7	0
Butler 4	MN06-27	69	MPP-EM1	13.8	0
Butler 4	MN06-27	69.5	MPP-EM1	65.2	0
Butler 4	MN06-27	70	MPP-EM1	25.4	0
Butler 4	MN06-27	70.5	MPP-EM1	22.4	0
Butler 4	MN06-27	71	MPP-EM1	47.1	0
Butler 4	MN06-27	71.5	MPP-EM1	39.7	0
Butler 4	MN06-27	72	MPP-EM1	49.8	0
Butler 4	MN06-27	72.5	MPP-EM1	93.8	0.1
Butler 4	MN06-27	73	MPP-EM1	10.2	0
Butler 4	MN06-27	73.5	MPP-EM1	9.8	0
Butler 4	MN06-27	74	MPP-EM1	9	0
Butler 4	MN06-27	74.5	MPP-EM1	14.5	0
Butler 4	MN06-27	75	MPP-EM1	8.3	0
Butler 4	MN06-27	75.5	MPP-EM1	14.7	0
Butler 4	MN06-27	76	MPP-EM1	0.3	0
Butler 4	MN06-27	76.5	MPP-EM1	0.6	0
Butler 4	MN06-27	77	MPP-EM1	7	0
Butler 4	MN06-27	77.5	MPP-EM1	1.5	0
Butler 4	MN06-27	78	MPP-EM1	20	0
Butler 4	MN06-27	78.5	MPP-EM1	0.1	0
Butler 4	MN06-27	79	MPP-EM1	2.2	0
Butler 4	MN06-27	79.5	MPP-EM1	0.7	0
Butler 4	MN06-27	80	MPP-EM1	4.3	0
Butler 4	MN06-27	80.5	MPP-EM1	31.6	0
Butler 4	MN06-27	81	MPP-EM1	28.8	0
Butler 4	MN06-27	81.5	MPP-EM1	16.2	0
Butler 4	MN06-27	82	MPP-EM1	44.2	0
Butler 4	MN06-27	82.5	MPP-EM1	33.8	0
Butler 4	MN06-27	83	MPP-EM1	46.8	0
Butler 4	MN06-27	83.5	MPP-EM1	4.2	0
Butler 4	MN06-27	84	MPP-EM1	18.7	0
Butler 4	MN06-27	84.5	MPP-EM1	45.8	0
Butler 4	MN06-27	85	MPP-EM1	32.1	0
Butler 4	MN06-27	85.5	MPP-EM1	69.8	0
Butler 4	MN06-27	86	MPP-EM1	10.2	0
Butler 4	MN06-27	86.5	MPP-EM1	25.5	0
Butler 4	MN06-27	87	MPP-EM1	51.6	0
Butler 4	MN06-27	87.5	MPP-EM1	22	0
Butler 4	MN06-27	88	MPP-EM1	10.3	0
Butler 4	MN06-27	88.5	MPP-EM1	19.9	0
Butler 4	MN06-27	89	MPP-EM1	19.8	0
Butler 4	MN06-27	89.5	MPP-EM1	25.7	0
Butler 4	MN06-27	90	MPP-EM1	24.2	0
Butler 4	MN06-27	90.5	MPP-EM1	8	0
Butler 4	MN06-27	91	MPP-EM1	18.3	0
Butler 4	MN06-27	91.5	MPP-EM1	16.5	0
Butler 4	MN06-27	92	MPP-EM1	18.5	0
Butler 4	MN06-27	92.5	MPP-EM1	22.4	0
Butler 4	MN06-27	93	MPP-EM1	16.6	0
Butler 4	MN06-27	93.5	MPP-EM1	9.7	0
Butler 4	MN06-27	94	MPP-EM1	25.4	0
Butler 4	MN06-27	94.5	MPP-EM1	13.5	0
Butler 4	MN06-27	95	MPP-EM1	21.9	0
Butler 4	MN06-27	95.5	MPP-EM1	23.5	0
Butler 4	MN06-27	96	MPP-EM1	21.3	0
Butler 4	MN06-27	96.5	MPP-EM1	10.6	0
Butler 4	MN06-27	97	MPP-EM1	0.7	0
Butler 4	MN06-27	97.5	MPP-EM1	32	0
Butler 4	MN06-27	98	MPP-EM1	13.2	0
Butler 4	MN06-27	98.5	MPP-EM1	8.4	0
Butler 4	MN06-27	99	MPP-EM1	0.3	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	MN06-27	99.5	MPP-EM1	0.3	0
Butler 4	MN06-27	100	MPP-EM1	0.2	0
Butler 4	MN06-27	100.5	MPP-EM1	0.2	0
Butler 4	MN06-27	101	MPP-EM1	0.4	0
Butler 4	MN06-27	101.5	MPP-EM1	0.2	0
Butler 4	MN06-27	102	MPP-EM1	0.4	0
Butler 4	MN06-27	102.5	MPP-EM1	0.2	0
Butler 4	MN06-27	103	MPP-EM1	0.3	0
Butler 4	MN06-27	103.5	MPP-EM1	0.2	0
Butler 4	MN06-27	104	MPP-EM1	0.4	0
Butler 4	MN06-27	104.5	MPP-EM1	0.4	0
Butler 4	MN06-27	105	MPP-EM1	0.3	0
Butler 4	MN06-27	105.5	MPP-EM1	0.3	0
Butler 4	MN06-27	106	MPP-EM1	0.1	0
Butler 4	MN06-27	106.5	MPP-EM1	0.7	0
Butler 4	MN06-27	107	MPP-EM1	0.3	0
Butler 4	MN06-27	107.5	MPP-EM1	0.2	0
Butler 4	MN06-27	108	MPP-EM1	0.2	0
Butler 4	MN06-27	108.5	MPP-EM1	0.3	0
Butler 4	MN06-27	109	MPP-EM1	0.5	0
Butler 4	MN06-27	109.5	MPP-EM1	0.5	0
Butler 4	MN06-27	110	MPP-EM1	0.4	0
Butler 4	MN06-27	110.5	MPP-EM1	0.5	0
Butler 4	MN06-27	111	MPP-EM1	0.4	0
Butler 4	MN06-27	111.5	MPP-EM1	0.2	0
Butler 4	MN06-27	112	MPP-EM1	0.3	0
Butler 4	MN06-27	112.5	MPP-EM1	1.3	0
Butler 4	MN06-27	113	MPP-EM1	0.7	0
Butler 4	MN06-27	113.5	MPP-EM1	0.3	0
Butler 4	MN06-27	114	MPP-EM1	0.4	0
Butler 4	MN06-27	114.5	MPP-EM1	0.4	0
Butler 4	MN06-27	115	MPP-EM1	0.2	0
Butler 4	MN06-27	115.5	MPP-EM1	0.6	0
Butler 4	MN06-27	116	MPP-EM1	1.2	0
Butler 4	MN06-27	116.5	MPP-EM1	0.4	0
Butler 4	MN06-27	117	MPP-EM1	0.3	0
Butler 4	MN06-27	117.5	MPP-EM1	0.4	0
Butler 4	MN06-27	118	MPP-EM1	0.6	0
Butler 4	MN06-27	118.5	MPP-EM1	0.3	0
Butler 4	MN06-27	119	MPP-EM1	0.2	0
Butler 4	MN06-27	119.5	MPP-EM1	0.6	0
Butler 4	MN06-27	120	MPP-EM1	0.8	0
Butler 4	MN06-27	120.5	MPP-EM1	0.5	0
Butler 4	MN06-27	121	MPP-EM1	0.3	0
Butler 4	MN06-27	121.5	MPP-EM1	0.2	0
Butler 4	MN06-27	122	MPP-EM1	0.3	0
Butler 4	MN06-27	122.5	MPP-EM1	0.3	0
Butler 4	MN06-27	123	MPP-EM1	0.1	0
Butler 4	MN06-27	123.5	MPP-EM1	0.1	0
Butler 4	MN06-27	124	MPP-EM1	0.1	0
Butler 4	MN06-27	124.5	MPP-EM1	0.3	0
Butler 4	MN06-27	125	MPP-EM1	0.3	0
Butler 4	MN06-27	125.5	MPP-EM1	0	0
Butler 4	MN06-27	126	MPP-EM1	0.2	0
Butler 4	MN06-27	126.5	MPP-EM1	0.4	0
Butler 4	MN06-27	127	MPP-EM1	0.4	0
Butler 4	MN06-27	127.5	MPP-EM1	0.1	0
Butler 4	MN06-27	128	MPP-EM1	0.2	0
Butler 4	MN06-27	128.5	MPP-EM1	0.3	0
Butler 4	MN06-27	129	MPP-EM1	0.2	0
Butler 4	MN06-27	129.5	MPP-EM1	0	0
Butler 4	MN06-27	130	MPP-EM1	0.1	0
Butler 4	MN06-27	130.5	MPP-EM1	0.3	0
Butler 4	MN06-27	131	MPP-EM1	0.2	0
Butler 4	MN06-27	131.5	MPP-EM1	0.1	0
Butler 4	MN06-27	132	MPP-EM1	0.3	0
Butler 4	MN06-27	132.5	MPP-EM1	0.2	0
Butler 4	MN06-27	133	MPP-EM1	0.3	0
Butler 4	MN06-27	133.5	MPP-EM1	0.6	0
Butler 4	MN06-27	134	MPP-EM1	0.4	0
Butler 4	MN06-27	134.5	MPP-EM1	0.5	0
Butler 4	MN06-27	135	MPP-EM1	9.4	0
Butler 4	MN06-27	135.5	MPP-EM1	3.9	0
Butler 4	MN06-27	136	MPP-EM1	21.8	0
Butler 4	MN06-27	136.5	MPP-EM1	0.5	0
Butler 4	MN06-27	137	MPP-EM1	35.3	0
Butler 4	MN06-27	137.5	MPP-EM1	7.6	0
Butler 4	MN06-27	138	MPP-EM1	0.6	0
Butler 4	MN06-27	138.5	MPP-EM1	17.4	0.1
Butler 4	MN06-27	139	MPP-EM1	4.6	0
Butler 4	MN06-27	139.5	MPP-EM1	0.2	0
Butler 4	MN06-27	140	MPP-EM1	0.8	0
Butler 4	MN06-27	140.5	MPP-EM1	0.2	0
Butler 4	MN06-27	141	MPP-EM1	0.4	0
Butler 4	MN06-27	141.5	MPP-EM1	0.5	0
Butler 4	MN06-27	142	MPP-EM1	0.3	0
Butler 4	MN06-27	142.5	MPP-EM1	0.2	0
Butler 4	MN06-27	143	MPP-EM1	0.8	0
Butler 4	MN06-27	143.5	MPP-EM1	0.6	0
Butler 4	MN06-27	144	MPP-EM1	2.7	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	MN06-27	144.5	MPP-EM1	0.3	0
Butler 4	MN06-27	145	MPP-EM1	22.2	0
Butler 4	MN06-27	145.5	MPP-EM1	0.1	0
Butler 4	MN06-27	146	MPP-EM1	9.8	0
Butler 4	MN06-27	146.5	MPP-EM1	11.4	0
Butler 4	MN06-27	147	MPP-EM1	9.4	0
Butler 4	MN06-27	147.5	MPP-EM1	12.7	0
Butler 4	MN06-27	148	MPP-EM1	19.5	0
Butler 4	MN06-27	148.5	MPP-EM1	0.3	0
Butler 4	MN06-27	149	MPP-EM1	8.8	0
Butler 4	MN06-27	149.5	MPP-EM1	1.9	0
Butler 4	MN06-27	150	MPP-EM1	2.6	0
Butler 4	MN06-27	150.5	MPP-EM1	25.8	0
Butler 4	MN06-27	151	MPP-EM1	48	0
Butler 4	MN06-27	151.5	MPP-EM1	6.1	0
Butler 4	MN06-27	152	MPP-EM1	19.2	0
Butler 4	MN06-27	152.5	MPP-EM1	56.6	0.7
Butler 4	MN06-27	153	MPP-EM1	138	104
Butler 4	MN06-27	153.5	MPP-EM1	223	157
Butler 4	MN06-27	154	MPP-EM1	106	36.9
Butler 4	MN06-27	154.5	MPP-EM1	18.6	3.6
Butler 4	MN06-27	155	MPP-EM1	147	146
Butler 4	MN06-27	155.5	MPP-EM1	33.7	0.9
Butler 4	MN06-27	156	MPP-EM1	319	192
Butler 4	MN06-27	156.5	MPP-EM1	247	166
Butler 4	MN06-27	157	MPP-EM1	248	55.1
Butler 4	MN06-27	157.5	MPP-EM1	164	221
Butler 4	MN06-27	158	MPP-EM1	47	24.6
Butler 4	MN06-27	158.5	MPP-EM1	15.5	0.2
Butler 4	MN06-27	159	MPP-EM1	1.6	0
Butler 4	MN06-27	159.5	MPP-EM1	7.8	0
Butler 4	MN06-27	160	MPP-EM1	7.8	0
Butler 4	MN06-27	160.5	MPP-EM1	16.1	0
Butler 4	MN06-27	161	MPP-EM1	15.5	0
Butler 4	MN06-27	161.5	MPP-EM1	0.7	0
Butler 4	MN06-27	162	MPP-EM1	13	0
Butler 4	MN06-27	162.5	MPP-EM1	5.1	0
Butler 4	MN06-27	163	MPP-EM1	25.7	0
Butler 4	MN06-27	163.5	MPP-EM1	3.4	0
Butler 4	MN06-27	164	MPP-EM1	5.6	0
Butler 4	MN06-27	164.5	MPP-EM1	24	0
Butler 4	MN06-27	165	MPP-EM1	5.7	0
Butler 4	MN06-27	165.5	MPP-EM1	7.8	0
Butler 4	MN06-27	166	MPP-EM1	1.7	0
Butler 4	MN06-27	166.5	MPP-EM1	0.2	0
Butler 4	MN06-27	167	MPP-EM1	0.3	0
Butler 4	MN06-27	167.5	MPP-EM1	0.2	0
Butler 4	MN06-27	168	MPP-EM1	0.3	0
Butler 4	MN06-27	168.5	MPP-EM1	0	0
Butler 4	MN06-27	169	MPP-EM1	0.3	0
Butler 4	MN06-27	169.5	MPP-EM1	0.1	0
Butler 4	MN06-27	170	MPP-EM1	0.7	0
Butler 4	MN06-27	170.5	MPP-EM1	1.1	0
Butler 4	MN06-27	171	MPP-EM1	2.9	0.2
Butler 4	MN06-27	171.5	MPP-EM1	0.3	0
Butler 4	MN06-27	172	MPP-EM1	54.4	3
Butler 4	MN06-27	172.5	MPP-EM1	2.2	0
Butler 4	MN06-27	173	MPP-EM1	3.6	0
Butler 4	MN06-27	173.5	MPP-EM1	0.5	0
Butler 4	MN06-27	174	MPP-EM1	4.5	0
Butler 4	MN06-27	174.5	MPP-EM1	0.1	0
Butler 4	MN06-27	175	MPP-EM1	2.5	0
Butler 4	MN06-27	175.5	MPP-EM1	6.3	0
Butler 4	MN06-27	176	MPP-EM1	20.4	0
Butler 4	MN06-27	176.5	MPP-EM1	4.1	0
Butler 4	MN06-27	177	MPP-EM1	25.4	0
Butler 4	MN06-27	177.5	MPP-EM1	0.7	0
Butler 4	MN06-27	178	MPP-EM1	0.9	0
Butler 4	MN06-27	178.5	MPP-EM1	0.3	0
Butler 4	MN06-27	179	MPP-EM1	0.4	0
Butler 4	MN06-27	179.5	MPP-EM1	1.3	0
Butler 4	MN06-27	180	MPP-EM1	0.5	0
Butler 4	MN06-27	180.5	MPP-EM1	0.2	0
Butler 4	MN06-27	181	MPP-EM1	0.5	0
Butler 4	MN06-27	181.5	MPP-EM1	0.1	0
Butler 4	MN06-27	182	MPP-EM1	0.3	0
Butler 4	MN06-27	182.5	MPP-EM1	0.7	0
Butler 4	MN06-27	183	MPP-EM1	0.3	0
Butler 4	MN06-27	183.5	MPP-EM1	1	0
Butler 4	MN06-27	184	MPP-EM1	1.4	0
Butler 4	MN06-27	184.5	MPP-EM1	0.2	0
Butler 4	MN06-27	185	MPP-EM1	7	0
Butler 4	MN06-27	185.5	MPP-EM1	0.5	0
Butler 4	MN06-27	186	MPP-EM1	0.7	0
Butler 4	MN06-27	186.5	MPP-EM1	0.4	0
Butler 4	MN06-27	187	MPP-EM1	0.3	0
Butler 4	MN06-27	187.5	MPP-EM1	0.9	0
Butler 4	MN06-27	188	MPP-EM1	1.1	0
Butler 4	MN06-27	188.5	MPP-EM1	0.1	0
Butler 4	MN06-27	189	MPP-EM1	0	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	MN06-27	189.5	MPP-EM1	1.1	0
Butler 4	MN06-27	190	MPP-EM1	0.5	0
Butler 4	MN06-27	190.5	MPP-EM1	0.2	0
Butler 4	MN06-27	191	MPP-EM1	11.3	0
Butler 4	MN06-27	191.5	MPP-EM1	0.9	0
Butler 4	MN06-27	192	MPP-EM1	0.2	0
Butler 4	MN06-27	192.5	MPP-EM1	4.1	0
Butler 4	MN06-27	193	MPP-EM1	1	0
Butler 4	MN06-27	193.5	MPP-EM1	17.1	0
Butler 4	MN06-27	194	MPP-EM1	45.6	0.1
Butler 4	MN06-27	194.5	MPP-EM1	18.5	0
Butler 4	MN06-27	195	MPP-EM1	2.2	0
Butler 4	MN06-27	195.5	MPP-EM1	21.6	0
Butler 4	MN06-27	196	MPP-EM1	475	2.1
Butler 4	MN06-27	196.5	MPP-EM1	197	0.9
Butler 4	MN06-27	197	MPP-EM1	8.4	0
Butler 4	MN06-27	197.5	MPP-EM1	4.2	0
Butler 4	MN06-27	198	MPP-EM1	3.1	0
Butler 4	MN06-27	198.5	MPP-EM1	2.2	0
Butler 4	MN06-27	199	MPP-EM1	6.4	0
Butler 4	MN06-27	199.5	MPP-EM1	31.7	0
Butler 4	MN06-27	200	MPP-EM1	47	0
Butler 4	MN06-27	200.5	MPP-EM1	7.4	0
Butler 4	MN06-27	201	MPP-EM1	10.3	0
Butler 4	MN06-27	201.5	MPP-EM1	7.4	0
Butler 4	MN06-27	202	MPP-EM1	5.9	0
Butler 4	MN06-27	202.5	MPP-EM1	8	0
Butler 4	MN06-27	203	MPP-EM1	6.8	0
Butler 4	MN06-27	203.5	MPP-EM1	6.6	0
Butler 4	MN06-27	204	MPP-EM1	0.3	0
Butler 4	MN06-27	204.5	MPP-EM1	24.7	0
Butler 4	MN06-27	205	MPP-EM1	23.2	0
Butler 4	MN06-27	205.5	MPP-EM1	3.4	0
Butler 4	MN06-27	206	MPP-EM1	11.6	0
Butler 4	MN06-27	206.5	MPP-EM1	1.1	0
Butler 4	MN06-27	207	MPP-EM1	1	0
Butler 4	MN06-27	207.5	MPP-EM1	0.6	0
Butler 4	MN06-27	208	MPP-EM1	1.8	0
Butler 4	MN06-27	208.5	MPP-EM1	0.5	0
Butler 4	MN06-27	209	MPP-EM1	0.5	0
Butler 4	MN06-27	209.5	MPP-EM1	0.1	0
Butler 4	MN06-27	210	MPP-EM1	0.2	0
Butler 4	MN06-27	210.5	MPP-EM1	9.6	0
Butler 4	MN06-27	211	MPP-EM1	2	0
Butler 4	MN06-27	211.5	MPP-EM1	1.8	0
Butler 4	MN06-27	212	MPP-EM1	0.4	0
Butler 4	MN06-27	212.5	MPP-EM1	0	0
Butler 4	MN06-27	213	MPP-EM1	2.3	0
Butler 6	MN10-110	8	KT10	0.84	0
Butler 6	MN10-110	9	KT10	0.41	0
Butler 6	MN10-110	10	KT10	2.29	0
Butler 6	MN10-110	11	KT10	9.43	0
Butler 6	MN10-110	12	KT10	3.34	0
Butler 6	MN10-110	13	KT10	173	0
Butler 6	MN10-110	14	KT10	116	0
Butler 6	MN10-110	15	KT10	292	0
Butler 6	MN10-110	16	KT10	131	0
Butler 6	MN10-110	17	KT10	349	0
Butler 6	MN10-110	18	KT10	5.42	0
Butler 6	MN10-110	19	KT10	158	0
Butler 6	MN10-110	20	KT10	252	0
Butler 6	MN10-110	21	KT10	20.2	0
Butler 6	MN10-110	22	KT10	1.77	0
Butler 6	MN10-110	23	KT10	2.22	0
Butler 6	MN10-110	24	KT10	135	0
Butler 6	MN10-110	25	KT10	320	0
Butler 6	MN10-110	26	KT10	1151	0.8
Butler 6	MN10-110	27	KT10	2.22	0
Butler 6	MN10-110	28	KT10	2.91	0
Butler 6	MN10-110	29	KT10	2.05	0
Butler 6	MN10-110	30	KT10	1.22	0
Butler 6	MN10-110	31	KT10	27.7	0
Butler 6	MN10-110	32	KT10	89.1	0
Butler 6	MN10-110	33	KT10	35.9	0
Butler 6	MN10-110	34	KT10	28.5	0
Butler 6	MN10-110	35	KT10	34.5	0
Butler 6	MN10-110	36	KT10	53.5	0
Butler 6	MN10-110	37	KT10	37.6	0
Butler 6	MN10-110	38	KT10	22.5	0
Butler 6	MN10-110	39	KT10	31.7	0
Butler 6	MN10-110	40	KT10	53.7	0
Butler 6	MN10-110	41	KT10	6.14	0
Butler 6	MN10-110	42	KT10	14	0
Butler 6	MN10-110	43	KT10	8.17	0
Butler 6	MN10-110	44	KT10	14.7	0
Butler 6	MN10-110	45	KT10	72.5	0
Butler 6	MN10-110	46	KT10	31.2	0
Butler 6	MN10-110	47	KT10	1.34	0
Butler 6	MN10-110	48	KT10	0.74	0
Butler 6	MN10-110	49	KT10	0.79	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 6	MN10-110	50	KT10	0.88	0
Butler 6	MN10-110	51	KT10	0.98	0
Butler 6	MN10-110	52	KT10	7.07	0
Butler 6	MN10-110	53	KT10	1.03	0
Butler 6	MN10-110	54	KT10	0.96	0
Butler 6	MN10-110	55	KT10	0.79	0
Butler 6	MN10-110	56	KT10	2.6	0
Butler 6	MN10-110	57	KT10	3.11	0
Butler 6	MN10-110	58	KT10	48.6	0
Butler 6	MN10-110	59	KT10	0.55	0
Butler 6	MN10-110	60	KT10	3.8	0
Butler 6	MN10-110	61	KT10	11.1	0
Butler 6	MN10-110	62	KT10	124	0
Butler 6	MN10-110	63	KT10	157	0
Butler 6	MN10-110	64	KT10	116	0
Butler 6	MN10-110	65	KT10	103	0
Butler 6	MN10-110	66	KT10	87.3	0
Butler 6	MN10-110	67	KT10	156	0
Butler 6	MN10-110	68	KT10	187	0
Butler 6	MN10-110	69	KT10	123	0
Butler 6	MN10-110	70	KT10	31.5	0
Butler 6	MN10-110	71	KT10	0.57	0
Butler 6	MN10-110	72	KT10	1.97	0
Butler 6	MN10-110	73	KT10	3.26	4.3
Butler 6	MN10-110	74	KT10	116	0
Butler 6	MN10-110	75	KT10	0.86	0
Butler 6	MN10-110	76	KT10	291	0
Butler 6	MN10-110	77	KT10	33.3	0
Butler 6	MN10-110	78	KT10	19.6	0
Butler 6	MN10-110	79	KT10	4.44	0
Butler 6	MN10-110	80	KT10	47.1	0
Butler 6	MN10-110	81	KT10	4.92	0
Butler 6	MN10-110	82	KT10	1.58	0
Butler 6	MN10-110	83	KT10	44.6	0
Butler 6	MN10-110	84	KT10	29.7	0
Butler 6	MN10-110	85	KT10	303	854
Butler 6	MN10-110	86	KT10	366	0
Butler 6	MN10-110	87	KT10	466	0
Butler 6	MN10-110	88	KT10	47.9	0
Butler 6	MN10-110	89	KT10	46.4	0
Butler 6	MN10-110	90	KT10	9.05	0
Butler 6	MN10-110	91	KT10	186	1196
Butler 6	MN10-110	92	KT10	14.3	0
Butler 6	MN10-110	93	KT10	50	1579
Butler 6	MN10-110	94	KT10	7.12	0
Butler 6	MN10-110	95	KT10	0.31	0
Butler 6	MN10-110	96	KT10	0.1	0
Butler 6	MN10-110	97	KT10	1	0
Butler 6	MN10-110	98	KT10	0.81	0
Butler 6	MN10-110	99	KT10	191	0
Butler 6	MN10-110	100	KT10	317	0
Butler 6	MN10-110	101	KT10	325	0
Butler 6	MN10-110	102	KT10	66.1	0
Butler 6	MN10-110	103	KT10	15.6	0
Butler 6	MN10-110	104	KT10	0.88	0
Butler 6	MN10-110	105	KT10	5.8	0
Butler 6	MN10-110	106	KT10	389	0
Butler 6	MN10-110	107	KT10	11.8	0
Butler 6	MN10-110	108	KT10	1038	0.6
Butler 6	MN10-110	109	KT10	77	0
Butler 6	MN10-110	110	KT10	219	0
Butler 6	MN10-110	111	KT10	419	0
Butler 6	MN10-110	112	KT10	234	0
Butler 6	MN10-110	113	KT10	334	0
Butler 6	MN10-110	114	KT10	196	0
Butler 6	MN10-110	115	KT10	184	0
Butler 6	MN10-110	116	KT10	376	0
Butler 6	MN10-110	117	KT10	37.5	0
Butler 6	MN10-110	118	KT10	9.43	0
Butler 6	MN10-110	119	KT10	260	65
Butler 6	MN10-110	120	KT10	134	1622
Butler 6	MN10-110	121	KT10	105	0
Butler 6	MN10-110	122	KT10	220	451
Butler 6	MN10-110	123	KT10	306	0
Butler 6	MN10-110	124	KT10	285	0
Butler 6	MN10-110	125	KT10	30	0
Butler 6	MN10-110	126	KT10	291	0
Butler 6	MN10-110	127	KT10	355	0
Butler 6	MN10-110	128	KT10	413	0
Butler 6	MN10-110	129	KT10	400	0
Butler 6	MN10-110	130	KT10	595	0
Butler 6	MN10-110	131	KT10	142	0
Butler 6	MN10-110	132	KT10	473	0
Butler 6	MN10-110	133	KT10	256	151
Butler 6	MN10-110	134	KT10	343	0
Butler 6	MN10-110	135	KT10	572	1.2
Butler 6	MN10-110	136	KT10	364	322
Butler 6	MN10-110	137	KT10	257	0
Butler 6	MN10-110	138	KT10	77.5	0
Butler 6	MN10-110	139	KT10	443	84

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 6	MN10-110	140	KT10	46.2	0
Butler 6	MN10-110	141	KT10	1.49	0
Butler 6	MN10-110	142	KT10	0.17	0
Butler 6	MN10-110	143	KT10	183	0
Butler 6	MN10-110	144	KT10	1.86	0
Butler 6	MN10-110	145	KT10	246	0
Butler 6	MN10-110	146	KT10	440	0.7
Butler 6	MN10-110	147	KT10	53.4	0
Butler 6	MN10-110	148	KT10	6.85	0
Butler 6	MN10-110	149	KT10	726	0
Butler 6	MN10-110	150	KT10	144	0
Butler 6	MN10-110	151	KT10	41.9	0
Butler 6	MN10-110	152	KT10	2.22	0
Butler 6	MN10-110	153	KT10	1.27	0
Butler 6	MN10-110	154	KT10	16.4	0
Butler 6	MN10-110	155	KT10	2.03	0
Butler 6	MN10-110	156	KT10	2.34	0
Butler 6	MN10-110	157	KT10	1.58	0
Butler 6	MN10-110	158	KT10	2.32	0
Butler 6	MN10-110	159	KT10	4.61	0
Butler 6	MN10-110	160	KT10	2.15	0
Butler 6	MN10-110	161	KT10	0.91	0
Butler 6	MN10-110	162	KT10	0.65	0
Butler 6	MN10-110	163	KT10	0.96	0
Butler 6	MN10-110	164	KT10	1.55	0
Butler 6	MN10-110	165	KT10	2.56	0
Butler 6	MN10-110	166	KT10	2.82	0
Butler 6	MN10-110	167	KT10	2.34	0
Butler 6	MN10-110	168	KT10	2.53	0
Butler 6	MN10-110	169	KT10	97.1	0
Butler 6	MN10-110	170	KT10	17.3	0
Butler 6	MN10-110	171	KT10	7.79	0
Butler 6	MN10-110	172	KT10	1.34	0
Butler 6	MN10-110	173	KT10	1.1	0
Butler 6	MN10-110	174	KT10	1.19	0
Butler 6	MN10-110	175	KT10	1.05	0
Butler 6	MN10-110	176	KT10	0.53	0
Butler 6	MN10-110	177	KT10	0.1	0
Butler 6	MN10-110	178	KT10	1.03	0
Butler 6	MN10-110	179	KT10	0.5	0
Butler 6	MN10-110	180	KT10	1.31	0
Butler 6	MN10-110	181	KT10	28.4	17185
Butler 6	MN10-110	182	KT10	24.4	0
Butler 6	MN10-110	183	KT10	0.19	0
Butler 6	MN10-110	184	KT10	3.82	0
Butler 6	MN10-110	185	KT10	3.63	0
Butler 6	MN10-110	186	KT10	1.03	0
Butler 6	MN10-110	187	KT10	1.91	0
Butler 6	MN10-110	188	KT10	1.48	0
Butler 6	MN10-110	189	KT10	1.41	0
Butler 6	MN10-110	190	KT10	0.96	0
Butler 6	MN10-110	191	KT10	0.45	0
Butler 6	MN10-110	192	KT10	1.05	0
Butler 6	MN10-110	193	KT10	0.67	0
Butler 6	MN10-110	194	KT10	4.06	0
Butler 6	MN10-110	195	KT10	0.67	0
Butler 2	MN10-115	13	KT10	39.1	0
Butler 2	MN10-115	14	KT10	2.68	0
Butler 2	MN10-115	15	KT10	2.94	0
Butler 2	MN10-115	16	KT10	3.42	0
Butler 2	MN10-115	17	KT10	9.3	0
Butler 2	MN10-115	18	KT10	5.66	0
Butler 2	MN10-115	19	KT10	0.86	0
Butler 2	MN10-115	20	KT10	2.49	0
Butler 2	MN10-115	21	KT10	1.1	0
Butler 2	MN10-115	22	KT10	1.1	0
Butler 2	MN10-115	23	KT10	1.98	0
Butler 2	MN10-115	24	KT10	2.53	0
Butler 2	MN10-115	25	KT10	6.52	0
Butler 2	MN10-115	26	KT10	0.81	0
Butler 2	MN10-115	27	KT10	2.25	0
Butler 2	MN10-115	28	KT10	4.21	0
Butler 2	MN10-115	29	KT10	1.05	0
Butler 2	MN10-115	30	KT10	1.29	0
Butler 2	MN10-115	31	KT10	12.5	0
Butler 2	MN10-115	32	KT10	1.79	0
Butler 2	MN10-115	33	KT10	13.2	0
Butler 2	MN10-115	34	KT10	18.8	0
Butler 2	MN10-115	35	KT10	2.08	0
Butler 2	MN10-115	36	KT10	2.72	0
Butler 2	MN10-115	37	KT10	4.06	0
Butler 2	MN10-115	38	KT10	1.94	0
Butler 2	MN10-115	39	KT10	0.31	0
Butler 2	MN10-115	40	KT10	0.43	0
Butler 2	MN10-115	41	KT10	0.41	0
Butler 2	MN10-115	42	KT10	0.41	0
Butler 2	MN10-115	43	KT10	0.45	0
Butler 2	MN10-115	44	KT10	0.48	0
Butler 2	MN10-115	45	KT10	0.57	0
Butler 2	MN10-115	46	KT10	0.65	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 2	MN10-115	47	KT10	0.67	0
Butler 2	MN10-115	48	KT10	0.96	0
Butler 2	MN10-115	49	KT10	0.62	0
Butler 2	MN10-115	50	KT10	0.6	0
Butler 2	MN10-115	51	KT10	0.72	0
Butler 2	MN10-115	52	KT10	0.12	0
Butler 2	MN10-115	53	KT10	0.1	0
Butler 2	MN10-115	54	KT10	0	0
Butler 2	MN10-115	55	KT10	0	0
Butler 2	MN10-115	56	KT10	0	0
Butler 2	MN10-115	57	KT10	0	0
Butler 2	MN10-115	58	KT10	0	0
Butler 2	MN10-115	59	KT10	0	0
Butler 2	MN10-115	60	KT10	0	0
Butler 2	MN10-115	61	KT10	0	0
Butler 2	MN10-115	62	KT10	0	0
Butler 2	MN10-115	63	KT10	0	0
Butler 2	MN10-115	64	KT10	0	0
Butler 2	MN10-115	65	KT10	0	0
Butler 2	MN10-115	66	KT10	0.1	0
Butler 2	MN10-115	67	KT10	4.42	0
Butler 2	MN10-115	68	KT10	11.3	0
Butler 2	MN10-115	69	KT10	64	0
Butler 2	MN10-115	70	KT10	56.3	0
Butler 2	MN10-115	71	KT10	11.8	0
Butler 2	MN10-115	72	KT10	0.02	0
Butler 2	MN10-115	73	KT10	0	0
Butler 2	MN10-115	74	KT10	0	0
Butler 2	MN10-115	75	KT10	0	0
Butler 2	MN10-115	76	KT10	0	0
Butler 2	MN10-115	77	KT10	0	0
Butler 2	MN10-115	78	KT10	0	0
Butler 2	MN10-115	79	KT10	0	0
Butler 2	MN10-115	80	KT10	0	0
Butler 2	MN10-115	81	KT10	0	0
Butler 2	MN10-115	82	KT10	0	0
Butler 2	MN10-115	83	KT10	0	0
Butler 2	MN10-115	84	KT10	0	0
Butler 2	MN10-115	85	KT10	0	0
Butler 2	MN10-115	86	KT10	0	0
Butler 2	MN10-115	87	KT10	0.86	0
Butler 2	MN10-115	88	KT10	0.26	0
Butler 2	MN10-115	89	KT10	0.41	0
Butler 2	MN10-115	90	KT10	1.79	0
Butler 2	MN10-115	91	KT10	3.3	0
Butler 2	MN10-115	92	KT10	1.46	0
Butler 2	MN10-115	93	KT10	1	0
Butler 2	MN10-115	94	KT10	0.69	0
Butler 2	MN10-115	95	KT10	0.84	0
Butler 2	MN10-115	96	KT10	0.79	0
Butler 2	MN10-115	97	KT10	1.07	0
Butler 2	MN10-115	98	KT10	0.86	0
Butler 2	MN10-115	99	KT10	0.91	0
Butler 2	MN10-115	100	KT10	8.53	0
Butler 2	MN10-115	101	KT10	11.3	0
Butler 2	MN10-115	102	KT10	3.94	0
Butler 2	MN10-115	103	KT10	1.62	0
Butler 2	MN10-115	104	KT10	8.96	0
Butler 2	MN10-115	105	KT10	0.62	0
Butler 2	MN10-115	106	KT10	0.74	0
Butler 2	MN10-115	107	KT10	0.6	0
Butler 2	MN10-115	108	KT10	0.91	0
Butler 2	MN10-115	109	KT10	0.91	0
Butler 2	MN10-115	110	KT10	0.93	0
Butler 2	MN10-115	111	KT10	0.96	0
Butler 2	MN10-115	112	KT10	0.93	0
Butler 2	MN10-115	113	KT10	1.31	0
Butler 2	MN10-115	114	KT10	1.1	0
Butler 2	MN10-115	115	KT10	1.19	0
Butler 2	MN10-115	116	KT10	1.12	0
Butler 2	MN10-115	117	KT10	2.06	0
Butler 2	MN10-115	118	KT10	0.41	0
Butler 2	MN10-115	119	KT10	21.3	0
Butler 2	MN10-115	120	KT10	15.7	0
Butler 2	MN10-115	121	KT10	11.6	0
Butler 2	MN10-115	122	KT10	0.12	0
Butler 2	MN10-115	123	KT10	3.67	0
Butler 2	MN10-115	123.5	KT10	92.4	0
Butler 2	MN10-115	124	KT10	3.21	0
Butler 2	MN10-115	124.5	KT10	0.5	0
Butler 2	MN10-115	125	KT10	24.3	0
Butler 2	MN10-115	126	KT10	24.8	0
Butler 2	MN10-115	127	KT10	4.52	0
Butler 2	MN10-115	128	KT10	37.1	0
Butler 2	MN10-115	129	KT10	17.8	0
Butler 2	MN10-115	130	KT10	45.9	0
Butler 2	MN10-115	131	KT10	15.7	0
Butler 2	MN10-115	132	KT10	0.41	0
Butler 2	MN10-115	133	KT10	0.19	0
Butler 2	MN10-115	134	KT10	0.96	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 2	MN10-115	135	KT10	0	0
Butler 2	MN10-115	136	KT10	0.79	0
Butler 2	MN10-115	137	KT10	0.1	0
Butler 2	MN10-115	138	KT10	14.5	0
Butler 2	MN10-115	139	KT10	1.55	0
Butler 2	MN10-115	140	KT10	1.98	0
Butler 2	MN10-115	141	KT10	0	0
Butler 2	MN10-115	142	KT10	0	0
Butler 2	MN10-115	143	KT10	0	0
Butler 2	MN10-115	144	KT10	0	0
Butler 2	MN10-115	145	KT10	0	0
Butler 2	MN10-115	146	KT10	0	0
Butler 2	MN10-115	147	KT10	0	0
Butler 2	MN10-115	148	KT10	0.02	0
Butler 2	MN10-115	149	KT10	0.17	0
Butler 2	MN10-115	150	KT10	44.9	0
Butler 2	MN10-115	151	KT10	0	0
Butler 2	MN10-115	152	KT10	48.6	0
Butler 2	MN10-115	153	KT10	0	0
Butler 2	MN10-115	154	KT10	0	0
Butler 2	MN10-115	155	KT10	4.78	0
Butler 2	MN10-115	156	KT10	0	0
Butler 2	MN10-115	157	KT10	0	0
Butler 2	MN10-115	158	KT10	0	0
Butler 2	MN10-115	159	KT10	0	0
Butler 2	MN10-115	160	KT10	0	0
Butler 2	MN10-115	161	KT10	0.05	0
Butler 2	MN10-115	162	KT10	0.31	0
Butler 2	MN10-115	163	KT10	0	0
Butler 2	MN10-115	164	KT10	6.4	0
Butler 2	MN10-115	165	KT10	2.34	0
Butler 2	MN10-115	166	KT10	0	0
Butler 2	MN10-115	167	KT10	1.7	0
Butler 2	MN10-115	168	KT10	1.98	0
Butler 2	MN10-115	169	KT10	0	0
Butler 2	MN10-115	170	KT10	0	0
Butler 2	MN10-115	171	KT10	0	0
Butler 2	MN10-115	172	KT10	0.12	0
Butler 2	MN10-115	173	KT10	6.62	0
Butler 2	MN10-115	174	KT10	0	0
Butler 2	MN10-115	175	KT10	0.1	0
Butler 2	MN10-115	175.5	KT10	0.02	0
Butler 2	MN10-115	176	KT10	4.32	0
Butler 2	MN10-115	176.5	KT10	3.56	0
Butler 2	MN10-115	177.5	KT10	4.35	0
Butler 2	MN10-115	178	KT10	9.17	0
Butler 2	MN10-115	179	KT10	0.31	0
Butler 2	MN10-115	180	KT10	8.86	0
Butler 2	MN10-115	181	KT10	19.2	0
Butler 2	MN10-115	182	KT10	0.29	0
Butler 2	MN10-115	183	KT10	0.14	0
Butler 2	MN10-115	184	KT10	0.17	0
Butler 2	MN10-115	185	KT10	0.31	0
Butler 4 Footwall	MN10-117	11	KT10	0.48	0
Butler 4 Footwall	MN10-117	12	KT10	0.6	0
Butler 4 Footwall	MN10-117	13	KT10	0.76	0
Butler 4 Footwall	MN10-117	14	KT10	1.05	0
Butler 4 Footwall	MN10-117	15	KT10	1.26	0
Butler 4 Footwall	MN10-117	16	KT10	1.33	0
Butler 4 Footwall	MN10-117	17	KT10	1.43	0
Butler 4 Footwall	MN10-117	18	KT10	1.19	0
Butler 4 Footwall	MN10-117	19	KT10	0.57	0
Butler 4 Footwall	MN10-117	20	KT10	0.6	0
Butler 4 Footwall	MN10-117	21	KT10	1.17	0
Butler 4 Footwall	MN10-117	22	KT10	1.79	0
Butler 4 Footwall	MN10-117	23	KT10	1.12	0
Butler 4 Footwall	MN10-117	24	KT10	1.17	0
Butler 4 Footwall	MN10-117	25	KT10	1.43	0
Butler 4 Footwall	MN10-117	26	KT10	1.43	0
Butler 4 Footwall	MN10-117	27	KT10	1.33	0
Butler 4 Footwall	MN10-117	28	KT10	2.22	0
Butler 4 Footwall	MN10-117	29	KT10	2.48	0
Butler 4 Footwall	MN10-117	30	KT10	2.65	0
Butler 4 Footwall	MN10-117	31	KT10	1055	0.9
Butler 4 Footwall	MN10-117	32	KT10	689	0
Butler 4 Footwall	MN10-117	33	KT10	940	0.6
Butler 4 Footwall	MN10-117	34	KT10	553	0
Butler 4 Footwall	MN10-117	35	KT10	213	0
Butler 4 Footwall	MN10-117	36	KT10	261	0
Butler 4 Footwall	MN10-117	37	KT10	155	0
Butler 4 Footwall	MN10-117	38	KT10	17.8	0
Butler 4 Footwall	MN10-117	39	KT10	1161	0.6
Butler 4 Footwall	MN10-117	40	KT10	548	0
Butler 4 Footwall	MN10-117	41	KT10	372	0
Butler 4 Footwall	MN10-117	42	KT10	137	0
Butler 4 Footwall	MN10-117	43	KT10	698	0
Butler 4 Footwall	MN10-117	44	KT10	617	0
Butler 4 Footwall	MN10-117	45	KT10	7.2	0
Butler 4 Footwall	MN10-117	46	KT10	1.07	0
Butler 4 Footwall	MN10-117	47	KT10	1.07	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4 Footwall	MN10-117	48	KT10	1.07	0
Butler 4 Footwall	MN10-117	49	KT10	5.72	0
Butler 4 Footwall	MN10-117	50	KT10	0.79	0
Butler 4 Footwall	MN10-117	51	KT10	22.7	0
Butler 4 Footwall	MN10-117	52	KT10	1.02	0
Butler 4 Footwall	MN10-117	53	KT10	0.52	0
Butler 4 Footwall	MN10-117	54	KT10	1.02	0
Butler 4 Footwall	MN10-117	55	KT10	1.17	0
Butler 4 Footwall	MN10-117	56	KT10	527	2.9
Butler 4 Footwall	MN10-117	57	KT10	2.17	0
Butler 4 Footwall	MN10-117	58	KT10	2.05	0
Butler 4 Footwall	MN10-117	59	KT10	260	0
Butler 4 Footwall	MN10-117	60	KT10	1.38	0
Butler 4 Footwall	MN10-117	61	KT10	0.5	0
Butler 4 Footwall	MN10-117	62	KT10	26.7	0
Butler 4 Footwall	MN10-117	63	KT10	1495	1.4
Butler 4 Footwall	MN10-117	64	KT10	1478	2.6
Butler 4 Footwall	MN10-117	65	KT10	895	0.3
Butler 4 Footwall	MN10-117	66	KT10	117	0
Butler 4 Footwall	MN10-117	67	KT10	231	0
Butler 4 Footwall	MN10-117	68	KT10	6.89	0
Butler 4 Footwall	MN10-117	69	KT10	1.95	0
Butler 4 Footwall	MN10-117	70	KT10	11.4	0
Butler 4 Footwall	MN10-117	71	KT10	18.9	0
Butler 4 Footwall	MN10-117	72	KT10	4.31	0
Butler 4 Footwall	MN10-117	73	KT10	100	0
Butler 4 Footwall	MN10-117	74	KT10	0.91	0
Butler 4 Footwall	MN10-117	75	KT10	18.1	0
Butler 4 Footwall	MN10-117	76	KT10	3.22	0
Butler 4 Footwall	MN10-117	77	KT10	208	0
Butler 4 Footwall	MN10-117	78	KT10	13.8	0
Butler 4 Footwall	MN10-117	79	KT10	0.64	0
Butler 4 Footwall	MN10-117	80	KT10	15.3	0
Butler 4 Footwall	MN10-117	81	KT10	1.38	0
Butler 4 Footwall	MN10-117	82	KT10	29.3	0
Butler 4 Footwall	MN10-117	83	KT10	9.15	0
Butler 4 Footwall	MN10-117	84	KT10	299	0
Butler 4 Footwall	MN10-117	85	KT10	149	0
Butler 4 Footwall	MN10-117	86	KT10	232	0
Butler 4 Footwall	MN10-117	87	KT10	0.52	0
Butler 4 Footwall	MN10-117	88	KT10	1.33	0
Butler 4 Footwall	MN10-117	89	KT10	51.2	0
Butler 4 Footwall	MN10-117	90	KT10	8.46	0
Butler 4 Footwall	MN10-117	91	KT10	2.29	0
Butler 4 Footwall	MN10-117	92	KT10	13.4	0
Butler 4 Footwall	MN10-117	93	KT10	21.2	0
Butler 4 Footwall	MN10-117	94	KT10	258	0
Butler 4 Footwall	MN10-117	95	KT10	21	0
Butler 4 Footwall	MN10-117	96	KT10	40.3	0
Butler 4 Footwall	MN10-117	97	KT10	56.4	0
Butler 4 Footwall	MN10-117	98	KT10	239	0
Butler 4 Footwall	MN10-117	99	KT10	2.43	0
Butler 4 Footwall	MN10-117	100	KT10	201	0
Butler 4 Footwall	MN10-117	101	KT10	2.19	0
Butler 4 Footwall	MN10-117	102	KT10	59.2	0
Butler 4 Footwall	MN10-117	103	KT10	3.24	0
Butler 4 Footwall	MN10-117	104	KT10	4.41	0
Butler 4 Footwall	MN10-117	105	KT10	25.1	0
Butler 4 Footwall	MN10-117	106	KT10	19.9	0
Butler 4 Footwall	MN10-117	107	KT10	21.9	0
Butler 4 Footwall	MN10-117	108	KT10	15.7	0
Butler 4 Footwall	MN10-117	109	KT10	36.6	0
Butler 4 Footwall	MN10-117	110	KT10	154	0
Butler 4 Footwall	MN10-117	111	KT10	0.21	0
Butler 4 Footwall	MN10-117	112	KT10	23.2	0
Butler 4 Footwall	MN10-117	113	KT10	1.74	0
Butler 4 Footwall	MN10-117	114	KT10	5.27	0
Butler 4 Footwall	MN10-117	115	KT10	13.9	0
Butler 4 Footwall	MN10-117	116	KT10	1.41	0
Butler 4 Footwall	MN10-117	117	KT10	1.14	0
Butler 4 Footwall	MN10-117	118	KT10	1.41	0
Butler 4 Footwall	MN10-117	119	KT10	2.81	0
Butler 4 Footwall	MN10-117	120	KT10	0.24	0
Butler 4 Footwall	MN10-117	121	KT10	1.22	0
Butler 4 Footwall	MN10-117	122	KT10	2.05	0
Butler 4 Footwall	MN10-117	123	KT10	83.8	0
Butler 4 Footwall	MN10-117	124	KT10	1.17	0
Butler 4 Footwall	MN10-117	125	KT10	0.81	0
Butler 4 Footwall	MN10-117	126	KT10	16.2	0
Butler 4 Footwall	MN10-117	127	KT10	1.57	0
Butler 4 Footwall	MN10-117	128	KT10	1.81	0
Butler 4 Footwall	MN10-117	129	KT10	0.57	0
Butler 4 Footwall	MN10-117	130	KT10	0.52	0
Butler 4 Footwall	MN10-117	131	KT10	0.93	0
Butler 4 Footwall	MN10-117	132	KT10	28	0
Butler 4 Footwall	MN10-117	133	KT10	0.95	0
Butler 4 Footwall	MN10-117	134	KT10	0.91	0
Butler 4 Footwall	MN10-117	135	KT10	1.17	0
Butler 4 Footwall	MN10-117	136	KT10	0.86	0
Butler 4 Footwall	MN10-117	137	KT10	1.22	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4 Footwall	MN10-117	138	KT10	9.1	0
Butler 4 Footwall	MN10-117	139	KT10	1.72	0
Butler 4 Footwall	MN10-117	140	KT10	3.81	0
Butler 4 Footwall	MN10-117	141	KT10	2.17	0
Butler 4 Footwall	MN10-117	142	KT10	5.77	0
Butler 4 Footwall	MN10-117	143	KT10	0.74	0
Butler 4 Footwall	MN10-117	144	KT10	15.1	0
Butler 4 Footwall	MN10-117	145	KT10	47.2	0
Butler 4 Footwall	MN10-117	146	KT10	1.91	0
Butler 4 Footwall	MN10-117	147	KT10	2.19	0
Butler 4 Footwall	MN10-117	148	KT10	21.8	0
Butler 4 Footwall	MN10-117	149	KT10	6.05	0
Butler 4 Footwall	MN10-117	150	KT10	0.57	0
Butler 4 Footwall	MN10-117	151	KT10	33.8	0
Butler 4 Footwall	MN10-117	152	KT10	9.77	0
Butler 4 Footwall	MN10-117	153	KT10	1.74	0
Butler 4 Footwall	MN10-117	154	KT10	1.88	0
Butler 4 Footwall	MN10-117	155	KT10	25.2	0
Butler 4 Footwall	MN10-117	156	KT10	0.41	0
Butler 4 Footwall	MN10-117	157	KT10	33.5	0
Butler 4 Footwall	MN10-117	158	KT10	0.71	0
Butler 4 Footwall	MN10-117	159	KT10	0.86	0
Butler 4 Footwall	MN10-117	160	KT10	184	0
Butler 4 Footwall	MN10-117	161	KT10	0.12	0
Butler 4 Footwall	MN10-117	162	KT10	0	0
Butler 4 Footwall	MN10-117	163	KT10	26.2	0
Butler 4 Footwall	MN10-117	164	KT10	1.12	0
Butler 4 Footwall	MN10-117	165	KT10	1.53	0
Butler 4 Footwall	MN10-117	166	KT10	0.64	0
Butler 4 Footwall	MN10-117	167	KT10	3.53	0
Butler 4 Footwall	MN10-117	168	KT10	5.53	0
Butler 4 Footwall	MN10-117	169	KT10	7.27	0
Butler 4 Footwall	MN10-117	170	KT10	55.6	0
Butler 4 Footwall	MN10-117	171	KT10	2.03	0
Butler 4 Footwall	MN10-117	172	KT10	1.72	0
Butler 4 Footwall	MN10-117	173	KT10	3.38	0
Butler 4 Footwall	MN10-117	174	KT10	3.19	0
Butler 4 Footwall	MN10-117	175	KT10	45.8	0
Butler 4 Footwall	MN10-117	176	KT10	104	0
Butler 4 Footwall	MN10-117	177	KT10	158	0
Butler 4 Footwall	MN10-117	178	KT10	58.3	0
Butler 4 Footwall	MN10-117	179	KT10	12.8	0
Butler 4 Footwall	MN10-117	180	KT10	33.8	0
Butler 4 Footwall	MN10-117	181	KT10	0.57	0
Butler 4 Footwall	MN10-117	182	KT10	0.91	0
Butler 4 Footwall	MN10-117	183	KT10	0	0
Butler 4 Footwall	MN10-117	184	KT10	1.02	0
Butler 4 Footwall	MN10-117	185	KT10	6.36	0
Butler 4 Footwall	MN10-117	186	KT10	8.6	0
Butler 4 Footwall	MN10-117	187	KT10	2.03	0
Butler 4 Footwall	MN10-117	188	KT10	0.5	0
Butler 4 Footwall	MN10-117	189	KT10	0.43	0
Butler 4 Footwall	MN10-117	190	KT10	0.71	0
Butler 4 Footwall	MN10-117	191	KT10	0.67	0
Butler 4 Footwall	MN10-117	192	KT10	413	0
Butler 4 Footwall	MN10-117	193	KT10	0.83	0
Butler 4 Footwall	MN10-117	194	KT10	0.45	0
Butler 4 Footwall	MN10-117	195	KT10	0.93	0
Butler 4 Footwall	MN10-117	196	KT10	0.33	0
Butler 4 Footwall	MN10-117	197	KT10	0.21	0
Butler 4 Footwall	MN10-117	198	KT10	4.96	0
Butler 4 Footwall	MN10-117	199	KT10	9.67	0
Butler 4 Footwall	MN10-117	200	KT10	20.4	0
Butler 4 Footwall	MN10-117	201	KT10	14.2	0
Butler 4 Footwall	MN10-117	202	KT10	0.07	0
Butler 4 Footwall	MN10-117	203	KT10	1.83	0
Butler 4 Footwall	MN10-117	204	KT10	125	0
Butler 4 Footwall	MN10-117	205	KT10	19.4	0
Butler 4 Footwall	MN10-117	206	KT10	62.9	0
Butler 4 Footwall	MN10-117	207	KT10	226	0
Butler 4 Footwall	MN10-117	208	KT10	143	0
Butler 4 Footwall	MN10-117	209	KT10	177	0
Butler 4 Footwall	MN10-117	210	KT10	17.5	0
Butler 4 Footwall	MN10-117	211	KT10	1.19	0
Butler 4 Footwall	MN10-117	212	KT10	0.52	0
Butler 4 Footwall	MN10-117	213	KT10	0.74	0
Butler 4 Footwall	MN10-117	214	KT10	1.14	0
Butler 4 Footwall	MN10-117	215	KT10	0.02	0
Butler 4 Footwall	MN10-117	216	KT10	10.9	0
Butler 4 Footwall	MN10-117	217	KT10	1.38	0
Butler 4 Footwall	MN10-117	218	KT10	7.46	0
Butler 4 Footwall	MN10-117	219	KT10	1.72	0
Butler 4 Footwall	MN10-117	220	KT10	4.31	0
Butler 4 Footwall	MN10-117	221	KT10	1.52	0
Butler 4 Footwall	MN10-117	222	KT10	3.48	0
Butler 4 Footwall	MN10-117	223	KT10	27.4	0
Butler 4 Footwall	MN10-117	224	KT10	0	0
Butler 4 Footwall	MN10-117	225	KT10	0.4	0
Butler 4 Footwall	MN10-117	226	KT10	0.07	0
Butler 4 Footwall	MN10-117	227	KT10	0	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4 Footwall	MN10-117	228	KT10	0	0
Butler 1	MN10-118	17	KT10	0.72	0
Butler 1	MN10-118	18	KT10	0.53	0
Butler 1	MN10-118	19	KT10	0.41	0
Butler 1	MN10-118	20	KT10	0.17	0
Butler 1	MN10-118	21	KT10	0	0
Butler 1	MN10-118	22	KT10	0.05	0
Butler 1	MN10-118	23	KT10	0	0
Butler 1	MN10-118	24	KT10	0.02	0
Butler 1	MN10-118	25	KT10	0.21	0
Butler 1	MN10-118	26	KT10	0.1	0
Butler 1	MN10-118	27	KT10	0.07	0
Butler 1	MN10-118	28	KT10	0.1	0
Butler 1	MN10-118	29	KT10	0.31	0
Butler 1	MN10-118	30	KT10	0.24	0
Butler 1	MN10-118	31	KT10	0.67	0
Butler 1	MN10-118	32	KT10	0.33	0
Butler 1	MN10-118	33	KT10	0	0
Butler 1	MN10-118	34	KT10	0.07	0
Butler 1	MN10-118	35	KT10	0	0
Butler 1	MN10-118	36	KT10	0	0
Butler 1	MN10-118	37	KT10	0.43	0
Butler 1	MN10-118	38	KT10	0.12	0
Butler 1	MN10-118	39	KT10	0.14	0
Butler 1	MN10-118	40	KT10	0.45	0
Butler 1	MN10-118	41	KT10	0.21	0
Butler 1	MN10-118	42	KT10	0.38	0
Butler 1	MN10-118	43	KT10	0.31	0
Butler 1	MN10-118	44	KT10	0.05	0
Butler 1	MN10-118	45	KT10	0.1	0
Butler 1	MN10-118	46	KT10	0.14	0
Butler 1	MN10-118	47	KT10	0.21	0
Butler 1	MN10-118	48	KT10	0.14	0
Butler 1	MN10-118	49	KT10	0.12	0
Butler 1	MN10-118	50	KT10	0.12	0
Butler 1	MN10-118	51	KT10	0.02	0
Butler 1	MN10-118	52	KT10	0	0
Butler 1	MN10-118	53	KT10	0	0
Butler 1	MN10-118	54	KT10	0	0
Butler 1	MN10-118	55	KT10	0	0
Butler 1	MN10-118	56	KT10	0	0
Butler 1	MN10-118	57	KT10	0	0
Butler 1	MN10-118	58	KT10	0	0
Butler 1	MN10-118	59	KT10	0.33	0
Butler 1	MN10-118	60	KT10	0.14	0
Butler 1	MN10-118	61	KT10	0.5	0
Butler 1	MN10-118	62	KT10	0.41	0
Butler 1	MN10-118	63	KT10	0.24	0
Butler 1	MN10-118	64	KT10	0.14	0
Butler 1	MN10-118	65	KT10	0.02	0
Butler 1	MN10-118	66	KT10	0	0
Butler 1	MN10-118	67	KT10	0	0
Butler 1	MN10-118	68	KT10	0	0
Butler 1	MN10-118	69	KT10	0	0
Butler 1	MN10-118	70	KT10	0	0
Butler 1	MN10-118	71	KT10	0	0
Butler 1	MN10-118	72	KT10	0.07	0
Butler 1	MN10-118	73	KT10	0	0
Butler 1	MN10-118	74	KT10	0.17	0
Butler 1	MN10-118	75	KT10	0.26	0
Butler 1	MN10-118	76	KT10	0.24	0
Butler 1	MN10-118	76.5	KT10	0.02	0
Butler 1	MN10-118	77	KT10	0	0
Butler 1	MN10-118	78	KT10	0	0
Butler 1	MN10-118	79	KT10	0	0
Butler 1	MN10-118	80	KT10	0.76	0
Butler 1	MN10-118	81	KT10	0.55	0
Butler 1	MN10-118	82	KT10	0.12	0
Butler 1	MN10-118	83	KT10	0	0
Butler 1	MN10-118	84	KT10	0	0
Butler 1	MN10-118	85	KT10	0	0
Butler 1	MN10-118	86	KT10	0	0
Butler 1	MN10-118	87	KT10	0	0
Butler 1	MN10-118	88	KT10	0	0
Butler 1	MN10-118	89	KT10	0.26	0
Butler 1	MN10-118	90	KT10	0	0
Butler 1	MN10-118	91	KT10	0.14	0
Butler 1	MN10-118	92	KT10	0	0
Butler 1	MN10-118	93	KT10	0	0
Butler 1	MN10-118	94	KT10	0	0
Butler 1	MN10-118	95	KT10	0	0
Butler 1	MN10-118	96	KT10	0.48	0
Butler 1	MN10-118	97	KT10	0.72	0
Butler 1	MN10-118	98	KT10	0.69	0
Butler 1	MN10-118	99	KT10	0.64	0
Butler 1	MN10-118	100	KT10	0	0
Butler 1	MN10-118	101	KT10	1.84	0
Butler 1	MN10-118	102	KT10	1.22	0
Butler 1	MN10-118	103	KT10	0	0
Butler 1	MN10-118	104	KT10	18.4	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 1	MN10-118	105	KT10	0.02	0
Butler 1	MN10-118	106	KT10	0.12	0
Butler 1	MN10-118	107	KT10	0	0
Butler 1	MN10-118	108	KT10	0.02	0
Butler 1	MN10-118	109	KT10	0	0
Butler 1	MN10-118	110	KT10	0	0
Butler 1	MN10-118	111	KT10	0	0
Butler 1	MN10-118	112	KT10	0	0
Butler 1	MN10-118	113	KT10	0.14	0
Butler 1	MN10-118	114	KT10	0.67	0
Butler 1	MN10-118	115	KT10	0	0
Butler 1	MN10-118	116	KT10	0	0
Butler 1	MN10-118	117	KT10	0	0
Butler 1	MN10-118	118	KT10	0.43	0
Butler 1	MN10-118	119	KT10	0.93	0
Butler 1	MN10-118	120	KT10	0.74	0
Butler 1	MN10-118	121	KT10	0.64	0
Butler 1	MN10-118	122	KT10	0	0
Butler 1	MN10-118	123	KT10	0	0
Butler 1	MN10-118	124	KT10	0	0
Butler 1	MN10-118	125	KT10	0	0
Butler 1	MN10-118	126	KT10	0	0
Butler 1	MN10-118	127	KT10	0	0
Butler 1	MN10-118	128	KT10	0	0
Butler 1	MN10-118	129	KT10	0	0
Butler 1	MN10-118	130	KT10	0.21	0
Butler 1	MN10-118	131	KT10	0.31	0
Butler 1	MN10-118	132	KT10	0.38	0
Butler 1	MN10-118	133	KT10	0.33	0
Butler 1	MN10-118	134	KT10	0.62	0
Butler 1	MN10-118	135	KT10	0.36	0
Butler 1	MN10-118	136	KT10	0.21	0
Butler 1	MN10-118	137	KT10	0.26	0
Butler 1	MN10-118	138	KT10	0.21	0
Butler 1	MN10-118	139	KT10	0.21	0
Butler 1	MN10-118	140	KT10	0.43	0
Butler 1	MN10-118	141	KT10	0.48	0
Butler 1	MN10-118	142	KT10	0.74	0
Butler 1	MN10-118	143	KT10	0.83	0
Butler 1	MN10-118	144	KT10	0.72	0
Butler 1	MN10-118	145	KT10	0.6	0
Butler 1	MN10-118	146	KT10	0.43	0
Butler 1	MN10-118	147	KT10	0.43	0
Butler 1	MN10-118	148	KT10	0.36	0
Butler 1	MN10-118	149	KT10	0.21	0
Butler 1	MN10-118	150	KT10	0.33	0
Butler 1	MN10-118	151	KT10	0.29	0
Butler 1	MN10-118	152	KT10	0.33	0
Butler 1	MN10-118	153	KT10	0.29	0
Butler 1	MN10-118	154	KT10	0.19	0
Butler 1	MN10-118	155	KT10	0.6	0
Butler 1	MN10-118	156	KT10	0.48	0
Butler 1	MN10-118	157	KT10	0.26	0
Butler 1	MN10-118	158	KT10	0.17	0
Butler 1	MN10-118	159	KT10	0.29	0
Butler 1	MN10-118	160	KT10	0.26	0
Butler 1	MN10-118	161	KT10	0.21	0
Butler 1	MN10-118	162	KT10	0.29	0
Butler 1	MN10-118	163	KT10	2.22	0
Butler 1	MN10-118	164	KT10	0.21	0
Butler 1	MN10-118	165	KT10	0.31	0
Butler 1	MN10-118	166	KT10	0.24	0
Butler 1	MN10-118	167	KT10	0.1	0
Butler 1	MN10-118	168	KT10	0.17	0
Butler 1	MN10-118	169	KT10	0.38	0
Butler 1	MN10-118	170	KT10	0.67	0
Butler 1	MN10-118	171	KT10	0.6	0
Butler 1	MN10-118	172	KT10	0.57	0
Butler 1	MN10-118	173	KT10	0.05	0
Butler 1	MN10-118	174	KT10	0.14	0
Butler 1	MN10-118	175	KT10	0.26	0
Butler 1	MN10-118	176	KT10	0.21	0
Butler 1	MN10-118	177	KT10	0.33	0
Butler 1	MN10-118	178	KT10	0.68	0
Butler 1	MN10-118	178.5	KT10	3.29	0
Butler 1	MN10-118	179	KT10	0.31	0
Butler 1	MN10-118	179.5	KT10	100	0
Butler 1	MN10-118	180	KT10	1.07	0
Butler 1	MN10-118	180.5	KT10	2.98	0
Butler 1	MN10-118	181	KT10	0.96	0
Butler 1	MN10-118	181.5	KT10	0.29	0
Butler 1	MN10-118	182	KT10	0.18	0
Butler 1	MN10-118	182.5	KT10	0	0
Butler 1	MN10-118	183	KT10	0	0
Butler 1	MN10-118	183.5	KT10	0	0
Butler 1	MN10-118	184	KT10	0.17	0
Butler 1	MN10-118	184.5	KT10	0	0
Butler 1	MN10-118	185	KT10	0	0
Butler 1	MN10-118	185.5	KT10	0.13	0
Butler 1	MN10-118	186	KT10	0.24	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 1	MN10-118	186.5	KT10	0.09	0
Butler 1	MN10-118	187	KT10	0.15	0
Butler 1	MN10-118	187.5	KT10	1.34	0
Butler 1	MN10-118	188	KT10	0.02	0
Butler 1	MN10-118	188.5	KT10	0.07	0
Butler 1	MN10-118	189	KT10	0.85	0
Butler 1	MN10-118	189.5	KT10	8.61	0
Butler 1	MN10-118	190	KT10	77.1	0
Butler 1	MN10-118	190.5	KT10	63.8	0
Butler 1	MN10-118	191	KT10	236	2028
Butler 1	MN10-118	191.5	KT10	373	1896
Butler 1	MN10-118	192	KT10	517	2.5
Butler 1	MN10-118	192.5	KT10	53.5	0
Butler 1	MN10-118	193	KT10	206	14
Butler 1	MN10-118	193.5	KT10	12.8	0
Butler 1	MN10-118	194	KT10	12.3	0
Butler 1	MN10-118	194.5	KT10	3.24	0
Butler 1	MN10-118	195	KT10	6.57	0
Butler 1	MN10-118	195.5	KT10	6.11	0
Butler 1	MN10-118	196	KT10	11.8	0
Butler 1	MN10-118	196.5	KT10	4.38	0
Butler 1	MN10-118	197	KT10	9.51	0
Butler 1	MN10-118	197.5	KT10	11.5	0
Butler 1	MN10-118	198	KT10	12	0
Butler 1	MN10-118	198.5	KT10	5.98	0
Butler 1	MN10-118	199	KT10	18.4	0
Butler 1	MN10-118	199.5	KT10	5.48	0
Butler 1	MN10-118	200	KT10	0.81	0
Butler 1	MN10-118	200.5	KT10	1.05	0
Butler 1	MN10-118	201	KT10	0.31	0
Butler 1	MN10-118	201.5	KT10	0.22	0
Butler 1	MN10-118	202	KT10	23	0
Butler 1	MN10-118	202.5	KT10	4.86	0
Butler 1	MN10-118	203	KT10	158	68.8
Butler 1	MN10-118	203.5	KT10	1.78	0
Butler 1	MN10-118	204	KT10	148	0
Butler 1	MN10-118	204.5	KT10	5.56	0
Butler 1	MN10-118	205	KT10	216	0
Butler 1	MN10-118	205.5	KT10	30.3	0
Butler 1	MN10-118	206	KT10	100	6.2
Butler 1	MN10-118	206.5	KT10	0.63	0
Butler 1	MN10-118	207	KT10	0.15	0
Butler 1	MN10-118	207.5	KT10	4.14	0
Butler 1	MN10-118	208	KT10	18.8	0
Butler 1	MN10-118	208.5	KT10	3.68	0
Butler 1	MN10-118	209	KT10	3.66	0
Butler 1	MN10-118	209.5	KT10	6.61	0
Butler 1	MN10-118	210	KT10	14.2	0
Butler 1	MN10-118	210.5	KT10	2.15	0
Butler 1	MN10-118	211	KT10	18.3	44.1
Butler 1	MN10-118	211.5	KT10	5.61	14.9
Butler 1	MN10-118	212	KT10	1.62	0
Butler 1	MN10-118	212.5	KT10	3.2	47.7
Butler 1	MN10-118	213	KT10	15.2	0
Butler 1	MN10-118	213.5	KT10	10.6	0
Butler 1	MN10-118	214	KT10	19.9	0
Butler 1	MN10-118	214.5	KT10	7.23	0
Butler 1	MN10-118	215	KT10	1.45	0
Butler 1	MN10-118	215.5	KT10	43.7	0
Butler 1	MN10-118	216	KT10	32.2	27.2
Butler 1	MN10-118	216.5	KT10	3.88	14.9
Butler 1	MN10-118	217	KT10	0.81	0
Butler 1	MN10-118	217.5	KT10	1.9	0
Butler 1	MN10-118	218	KT10	3.16	0
Butler 1	MN10-118	218.5	KT10	2.19	7.6
Butler 1	MN10-118	219	KT10	1.91	0
Butler 1	MN10-118	219.5	KT10	1.16	0
Butler 1	MN10-118	220	KT10	0.29	0
Butler 1	MN10-118	220.5	KT10	0.28	0
Butler 1	MN10-118	221	KT10	0.64	0
Butler 1	MN10-118	221.5	KT10	0.7	0
Butler 1	MN10-118	222	KT10	2.17	0
Butler 1	MN10-118	222.5	KT10	6.07	0
Butler 1	MN10-118	223	KT10	0.13	0
Butler 1	MN10-118	223.5	KT10	0.83	0
Butler 1	MN10-118	224	KT10	0.83	0
Butler 1	MN10-118	224.5	KT10	0.26	0
Butler 1	MN10-118	225	KT10	0.17	0
Butler 1	MN10-118	225.5	KT10	0.13	0
Butler 1	MN10-118	226	KT10	0	0
Butler 1	MN10-118	226.5	KT10	0.02	0
Butler 1	MN10-118	227	KT10	0.02	0
Butler 1	MN10-118	227.5	KT10	0	0
Butler 1	MN10-118	228	KT10	0.06	0
Butler 1	MN10-118	228.5	KT10	0	0
Butler 1	MN10-118	229	KT10	0	0
Butler 1	MN10-118	229.5	KT10	0	0
Butler 1	MN10-118	230	KT10	0	0
Butler 1	MN10-118	230.5	KT10	0	0
Butler 1	MN10-118	231	KT10	0	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 1	MN10-118	231.5	KT10	0	0
Butler 1	MN10-118	232	KT10	0	0
Butler 1	MN10-118	232.5	KT10	0	0
Butler 1	MN10-118	233	KT10	0.11	0
Butler 1	MN10-118	233.5	KT10	0.31	0
Butler 1	MN10-118	234	KT10	0	0
Butler 1	MN10-118	234.5	KT10	0.26	0
Butler 1	MN10-118	235	KT10	2.37	0
Butler 1	MN10-118	235.5	KT10	0.09	0
Butler 1	MN10-118	236	KT10	0.06	0
Butler 1	MN10-118	236.5	KT10	0.59	0
Butler 1	MN10-118	237	KT10	0.06	0
Butler 1	MN10-118	237.5	KT10	0	0
Butler 1	MN10-118	238	KT10	0.15	0
Butler 1	MN10-118	238.5	KT10	1.03	0
Butler 1	MN10-118	239	KT10	1.9	0
Butler 1	MN10-118	239.5	KT10	0.17	0
Butler 1	MN10-118	240	KT10	1.14	0
Butler 1	MN10-118	240.5	KT10	0.68	0
Butler 1	MN10-118	241	KT10	2.1	0
Butler 1	MN10-118	241.5	KT10	0.42	0
Butler 1	MN10-118	242	KT10	0.17	0
Butler 1	MN10-118	242.5	KT10	3.73	0
Butler 1	MN10-118	243	KT10	2.02	0
Butler 1	MN10-118	243.5	KT10	0.55	0
Butler 1	MN10-118	244	KT10	1.73	0
Butler 1	MN10-118	244.5	KT10	0.48	0
Butler 1	MN10-118	245	KT10	0.07	0
Butler 1	MN10-118	245.5	KT10	3.18	0
Butler 1	MN10-118	246	KT10	0.99	0
Butler 1	MN10-118	246.5	KT10	1.45	0
Butler 1	MN10-118	247	KT10	1.32	0
Butler 1	MN10-118	247.5	KT10	1.03	0
Butler 1	MN10-118	248	KT10	0.92	0
Butler 1	MN10-118	248.5	KT10	1.62	0
Butler 1	MN10-118	249	KT10	0.75	0
Butler 1	MN10-118	249.5	KT10	0.61	0
Butler 1	MN10-118	250	KT10	10.1	0
Butler 1	MN10-118	250.5	KT10	8.86	0
Butler 1	MN10-118	251	KT10	35.5	0
Butler 1	MN10-118	252	KT10	13.4	0
Butler 1	MN10-118	253	KT10	1.03	0
Butler 1	MN10-118	254	KT10	1.69	0
Butler 1	MN10-118	255	KT10	42.9	0
Butler 1	MN10-118	256	KT10	12.7	0
Butler 1	MN10-118	257	KT10	1.64	0
Butler 1	MN10-118	258	KT10	28.7	0
Butler 1	MN10-118	259	KT10	9.54	49.5
Butler 1	MN10-118	260	KT10	1.07	0
Butler 1	MN10-118	261	KT10	2.7	0
Butler 1	MN10-118	262	KT10	1.05	0
Butler 1	MN10-118	263	KT10	1.57	0
Butler 1	MN10-118	264	KT10	7.48	0
Butler 1	MN10-118	265	KT10	72.9	0
Butler 1	MN10-118	266	KT10	114	0
Butler 1	MN10-118	267	KT10	62.3	0
Butler 1	MN10-118	268	KT10	77.4	0
Butler 1	MN10-118	269	KT10	45.8	0
Butler 1	MN10-118	270	KT10	0.62	0
Butler 1	MN10-118	271	KT10	0.21	0
Butler 1	MN10-118	272	KT10	0.17	0
Butler 1	MN10-118	273	KT10	4.93	0
Butler 1	MN10-118	274	KT10	0.52	0
Butler 1	MN10-118	275	KT10	5.93	0
Butler 1	MN10-118	276	KT10	35.4	0
Butler 1	MN10-118	277	KT10	0.05	0
Butler 1	MN10-118	278	KT10	0.29	0
Butler 1	MN10-118	279	KT10	38.4	0
Butler 1	MN10-118	280	KT10	12	0
Butler 1	MN10-118	281	KT10	21.1	0
Butler 1	MN10-118	282	KT10	1	0
Butler 1	MN10-118	283	KT10	10.5	0
Butler 1	MN10-118	284	KT10	9.1	0
Butler 1	MN10-118	285	KT10	23.5	0
Butler 1	MN10-118	286	KT10	7.65	0
Butler 1	MN10-118	287	KT10	18.3	0
Butler 1	MN10-118	288	KT10	27.1	0
Butler 1	MN10-118	289	KT10	10.6	0
Butler 1	MN10-118	290	KT10	0.41	0
Butler 1	MN10-118	291	KT10	20.9	0
Butler 1	MN10-118	292	KT10	27.1	0
Butler 1	MN10-118	293	KT10	41	0
Butler 1	MN10-118	294	KT10	41.3	0
Butler 1	MN10-118	295	KT10	89.7	0
Butler 1	MN10-118	296	KT10	50.7	0
Butler 1	MN10-118	297	KT10	132	0
Butler 1	MN10-118	298	KT10	110	0
Butler 1	MN10-118	299	KT10	0.48	0
Butler 1	MN10-118	300	KT10	1.55	0
Butler 1	MN10-118	301	KT10	0.24	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 1	MN10-118	302	KT10	0.17	0
Butler 1	MN10-118	303	KT10	0.21	0
Butler 1	MN10-118	304	KT10	0.38	0
Butler 1	MN10-118	305	KT10	0.07	0
Butler 1	MN10-118	306	KT10	0.33	0
Butler 1	MN10-118	307	KT10	0.14	0
Butler 4	MN10-121	36	KT10	0.26	0
Butler 4	MN10-121	37	KT10	1.12	0
Butler 4	MN10-121	38	KT10	2.34	0
Butler 4	MN10-121	39	KT10	2.32	0
Butler 4	MN10-121	40	KT10	2.84	13714
Butler 4	MN10-121	41	KT10	2.94	12790
Butler 4	MN10-121	42	KT10	0.67	0
Butler 4	MN10-121	43	KT10	0.74	0
Butler 4	MN10-121	44	KT10	0.74	0
Butler 4	MN10-121	45	KT10	0.91	0
Butler 4	MN10-121	46	KT10	2.91	0
Butler 4	MN10-121	47	KT10	18.7	22199
Butler 4	MN10-121	48	KT10	1.53	0
Butler 4	MN10-121	49	KT10	1.41	0
Butler 4	MN10-121	50	KT10	1.48	0
Butler 4	MN10-121	51	KT10	0.76	0
Butler 4	MN10-121	52	KT10	1.03	0
Butler 4	MN10-121	53	KT10	1.7	0
Butler 4	MN10-121	54	KT10	1.15	0
Butler 4	MN10-121	55	KT10	1.03	0
Butler 4	MN10-121	56	KT10	0.67	0
Butler 4	MN10-121	57	KT10	0.67	0
Butler 4	MN10-121	58	KT10	1.24	0
Butler 4	MN10-121	59	KT10	1.53	0
Butler 4	MN10-121	60	KT10	2.94	0
Butler 4	MN10-121	61	KT10	3.13	0
Butler 4	MN10-121	62	KT10	3.92	0
Butler 4	MN10-121	63	KT10	4.75	0
Butler 4	MN10-121	64	KT10	1.55	0
Butler 4	MN10-121	65	KT10	0.96	0
Butler 4	MN10-121	66	KT10	1.67	0
Butler 4	MN10-121	67	KT10	1.36	0
Butler 4	MN10-121	68	KT10	2.84	0
Butler 4	MN10-121	69	KT10	0.69	0
Butler 4	MN10-121	70	KT10	6.07	0
Butler 4	MN10-121	71	KT10	49.7	0
Butler 4	MN10-121	72	KT10	39.3	0
Butler 4	MN10-121	73	KT10	62.9	0
Butler 4	MN10-121	74	KT10	62.3	0
Butler 4	MN10-121	75	KT10	71.8	0
Butler 4	MN10-121	75.5	KT10	86.4	0
Butler 4	MN10-121	76	KT10	93.8	0
Butler 4	MN10-121	76.5	KT10	98.5	0
Butler 4	MN10-121	77	KT10	51.9	0
Butler 4	MN10-121	77.5	KT10	111	215
Butler 4	MN10-121	78	KT10	93.1	0
Butler 4	MN10-121	78.5	KT10	86.6	0
Butler 4	MN10-121	79	KT10	73.3	0
Butler 4	MN10-121	79.5	KT10	69.1	0
Butler 4	MN10-121	80	KT10	37.4	0
Butler 4	MN10-121	80.5	KT10	113	0
Butler 4	MN10-121	81	KT10	33.2	0
Butler 4	MN10-121	81.5	KT10	16.5	0
Butler 4	MN10-121	82	KT10	1.2	0
Butler 4	MN10-121	82.5	KT10	2.03	0
Butler 4	MN10-121	83	KT10	11.2	0
Butler 4	MN10-121	83.5	KT10	4.81	327
Butler 4	MN10-121	84	KT10	27.1	0
Butler 4	MN10-121	84.5	KT10	43.5	0
Butler 4	MN10-121	85	KT10	86.7	0
Butler 4	MN10-121	86	KT10	22.1	0
Butler 4	MN10-121	87	KT10	1.36	0
Butler 4	MN10-121	88	KT10	1.64	0
Butler 4	MN10-121	88.5	KT10	2.86	2613
Butler 4	MN10-121	89	KT10	0.65	0
Butler 4	MN10-121	89.5	KT10	1.05	0
Butler 4	MN10-121	90	KT10	1.31	0
Butler 4	MN10-121	90.5	KT10	1.42	0
Butler 4	MN10-121	91	KT10	32.9	0
Butler 4	MN10-121	91.5	KT10	72.5	0
Butler 4	MN10-121	92	KT10	73	0
Butler 4	MN10-121	93	KT10	112	0
Butler 4	MN10-121	94	KT10	82.1	0
Butler 4	MN10-121	95	KT10	92	0
Butler 4	MN10-121	95.5	KT10	45.9	0
Butler 4	MN10-121	96	KT10	13.1	0
Butler 4	MN10-121	96.5	KT10	4.28	0
Butler 4	MN10-121	97	KT10	3.54	0
Butler 4	MN10-121	97.5	KT10	4.31	0
Butler 4	MN10-121	98	KT10	1	19.1
Butler 4	MN10-121	98.5	KT10	1.59	0
Butler 4	MN10-121	99	KT10	0.09	0
Butler 4	MN10-121	99.5	KT10	0.72	0
Butler 4	MN10-121	100	KT10	0.83	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 4	MN10-121	100.5	KT10	1.33	0
Butler 4	MN10-121	101	KT10	0.9	0
Butler 4	MN10-121	101.5	KT10	1	0
Butler 4	MN10-121	102	KT10	3.47	0
Butler 4	MN10-121	103	KT10	4.88	0
Butler 4	MN10-121	104	KT10	12.6	0
Butler 4	MN10-121	105	KT10	24.1	0
Butler 4	MN10-121	106	KT10	20.4	0
Butler 4	MN10-121	107	KT10	85.4	0
Butler 4	MN10-121	108	KT10	34.1	0
Butler 4	MN10-121	109	KT10	27	0
Butler 4	MN10-121	110	KT10	20	0
Butler 4	MN10-121	111	KT10	25.6	0
Butler 4	MN10-121	112	KT10	8.82	0
Butler 4	MN10-121	113	KT10	8.47	0
Butler 4	MN10-121	114	KT10	17.4	0
Butler 4	MN10-121	115	KT10	6.82	0
Butler 4	MN10-121	116	KT10	5.55	0
Butler 4	MN10-121	117	KT10	5.12	0
Butler 4	MN10-121	118	KT10	7.72	0
Butler 4	MN10-121	119	KT10	16.5	0
Butler 4	MN10-121	120	KT10	18.8	0
Butler 4	MN10-121	121	KT10	31.2	0
Butler 4	MN10-121	122	KT10	27.7	0
Butler 4	MN10-121	123	KT10	27.6	0
Butler 4	MN10-121	124	KT10	20.1	0
Butler 4	MN10-121	125	KT10	28.7	0
Butler 4	MN10-121	126	KT10	18.4	0
Butler 4	MN10-121	127	KT10	11.5	0
Butler 4	MN10-121	128	KT10	1.87	0
Butler 4	MN10-121	129	KT10	1.58	0
Butler 4	MN10-121	130	KT10	9.81	0
Butler 4	MN10-121	131	KT10	0.33	0
Butler 4	MN10-121	132	KT10	0.29	0
Butler 4	MN10-121	133	KT10	0.22	0
Butler 4	MN10-121	134	KT10	0.38	0
Butler 4	MN10-121	135	KT10	0.24	0
Butler 4	MN10-121	135.5	KT10	0.24	0
Butler 4	MN10-121	136	KT10	0.26	0
Butler 4	MN10-121	136.5	KT10	0.41	0
Butler 4	MN10-121	137	KT10	0.22	0
Butler 4	MN10-121	137.5	KT10	0.53	0
Butler 4	MN10-121	138	KT10	0.79	0
Butler 4	MN10-121	139	KT10	0.74	0
Butler 4	MN10-121	140	KT10	7.06	0
Butler 4	MN10-121	141	KT10	7.1	0
Butler 4	MN10-121	142	KT10	6.27	0
Butler 4	MN10-121	143	KT10	21.5	0
Butler 4	MN10-121	144	KT10	6.2	0
Butler 4	MN10-121	145	KT10	6.7	0
Butler 4	MN10-121	146	KT10	11.6	0
Butler 4	MN10-121	147	KT10	0.31	0
Butler 4	MN10-121	148	KT10	17.6	0
Butler 4	MN10-121	149	KT10	1.36	0
Butler 4	MN10-121	150	KT10	0.31	0
Butler 3 South	MN10-136	13	KT10	0.69	0
Butler 3 South	MN10-136	14	KT10	0.64	0
Butler 3 South	MN10-136	15	KT10	0.79	0
Butler 3 South	MN10-136	16	KT10	0	0
Butler 3 South	MN10-136	17	KT10	0.74	0
Butler 3 South	MN10-136	18	KT10	1.1	0
Butler 3 South	MN10-136	19	KT10	0.24	0
Butler 3 South	MN10-136	20	KT10	0	0
Butler 3 South	MN10-136	21	KT10	0.05	0
Butler 3 South	MN10-136	22	KT10	0	0
Butler 3 South	MN10-136	23	KT10	0.6	0
Butler 3 South	MN10-136	24	KT10	0.14	0
Butler 3 South	MN10-136	25	KT10	0.12	0
Butler 3 South	MN10-136	26	KT10	0.21	0
Butler 3 South	MN10-136	27	KT10	0.17	0
Butler 3 South	MN10-136	28	KT10	0.33	0
Butler 3 South	MN10-136	29	KT10	0.05	0
Butler 3 South	MN10-136	30	KT10	10.4	0
Butler 3 South	MN10-136	31	KT10	13.7	0
Butler 3 South	MN10-136	32	KT10	3.67	0
Butler 3 South	MN10-136	33	KT10	7.29	0
Butler 3 South	MN10-136	34	KT10	11.7	0
Butler 3 South	MN10-136	35	KT10	16.9	0
Butler 3 South	MN10-136	36	KT10	4.36	0
Butler 3 South	MN10-136	37	KT10	33.1	0
Butler 3 South	MN10-136	38	KT10	79.7	0
Butler 3 South	MN10-136	39	KT10	83.7	0
Butler 3 South	MN10-136	40	KT10	29.6	0
Butler 3 South	MN10-136	41	KT10	7.46	0
Butler 3 South	MN10-136	42	KT10	49.8	0
Butler 3 South	MN10-136	43	KT10	9.27	0
Butler 3 South	MN10-136	44	KT10	0.81	0
Butler 3 South	MN10-136	45	KT10	131	0
Butler 3 South	MN10-136	46	KT10	3.65	0
Butler 3 South	MN10-136	47	KT10	129	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 South	MN10-136	48	KT10	0.91	0
Butler 3 South	MN10-136	49	KT10	76.5	0
Butler 3 South	MN10-136	50	KT10	40.1	0
Butler 3 South	MN10-136	51	KT10	4.12	0
Butler 3 South	MN10-136	52	KT10	2.84	0
Butler 3 South	MN10-136	53	KT10	38.9	0
Butler 3 South	MN10-136	54	KT10	10.1	0
Butler 3 South	MN10-136	55	KT10	1	0
Butler 3 South	MN10-136	56	KT10	6.82	0
Butler 3 South	MN10-136	57	KT10	77	0
Butler 3 South	MN10-136	58	KT10	14.5	0
Butler 3 South	MN10-136	59	KT10	61.2	0
Butler 3 South	MN10-136	60	KT10	35.2	0
Butler 3 South	MN10-136	61	KT10	37.6	0
Butler 3 South	MN10-136	62	KT10	1.19	0
Butler 3 South	MN10-136	63	KT10	1.6	0
Butler 3 South	MN10-136	64	KT10	0.21	0
Butler 3 South	MN10-136	65	KT10	0.57	0
Butler 3 South	MN10-136	66	KT10	0.29	0
Butler 3 South	MN10-136	67	KT10	0.38	0
Butler 3 South	MN10-136	68	KT10	0.86	0
Butler 3 South	MN10-136	69	KT10	0.71	0
Butler 3 South	MN10-136	70	KT10	10.7	0
Butler 3 South	MN10-136	71	KT10	0.93	0
Butler 3 South	MN10-136	72	KT10	0.57	0
Butler 3 South	MN10-136	73	KT10	1.93	0
Butler 3 South	MN10-136	74	KT10	10.1	0
Butler 3 South	MN10-136	75	KT10	72.6	0
Butler 3 South	MN10-136	76	KT10	22.4	0
Butler 3 South	MN10-136	77	KT10	12.2	0
Butler 3 South	MN10-136	78	KT10	47	0
Butler 3 South	MN10-136	79	KT10	4.1	0
Butler 3 South	MN10-136	80	KT10	47.1	0
Butler 3 South	MN10-136	81	KT10	1.38	0
Butler 3 South	MN10-136	82	KT10	0.64	0
Butler 3 South	MN10-136	83	KT10	69.4	0
Butler 3 South	MN10-136	84	KT10	3.84	0
Butler 3 South	MN10-136	85	KT10	1.38	0
Butler 3 South	MN10-136	86	KT10	0.74	0
Butler 3 South	MN10-136	87	KT10	2.76	0
Butler 3 South	MN10-136	88	KT10	3.72	0
Butler 3 South	MN10-136	89	KT10	32.6	0
Butler 3 South	MN10-136	90	KT10	32.9	0
Butler 3 South	MN10-136	91	KT10	1	0
Butler 3 South	MN10-136	92	KT10	53.8	0
Butler 3 South	MN10-136	93	KT10	5.58	0
Butler 3 South	MN10-136	94	KT10	0.98	0
Butler 3 South	MN10-136	95	KT10	0.69	0
Butler 3 South	MN10-136	96	KT10	3.96	0
Butler 3 South	MN10-136	97	KT10	0.57	0
Butler 3 South	MN10-136	98	KT10	0.93	0
Butler 3 South	MN10-136	99	KT10	108	0
Butler 3 South	MN10-136	100	KT10	1.05	0
Butler 3 South	MN10-136	101	KT10	1	0
Butler 3 South	MN10-136	102	KT10	12	0
Butler 3 South	MN10-136	103	KT10	3.15	0
Butler 3 South	MN10-136	104	KT10	24.1	0
Butler 3 South	MN10-136	105	KT10	5.48	0
Butler 3 South	MN10-136	106	KT10	50.5	0
Butler 3 South	MN10-136	107	KT10	91	0
Butler 3 South	MN10-136	108	KT10	41.2	0
Butler 3 South	MN10-136	109	KT10	3.31	0
Butler 3 South	MN10-136	110	KT10	0.52	0
Butler 3 South	MN10-136	111	KT10	0.41	0
Butler 3 South	MN10-136	112	KT10	1.36	0
Butler 3 South	MN10-136	113	KT10	0.26	0
Butler 3 South	MN10-136	114	KT10	0.5	0
Butler 3 South	MN10-136	115	KT10	1.22	0
Butler 3 South	MN10-136	116	KT10	27.8	0
Butler 3 South	MN10-136	117	KT10	6.29	0
Butler 3 South	MN10-136	118	KT10	4.5	0
Butler 3 South	MN10-136	119	KT10	41.8	0
Butler 3 South	MN10-136	120	KT10	46.6	0
Butler 3 South	MN10-136	121	KT10	6.72	0
Butler 3 South	MN10-136	122	KT10	8.34	0
Butler 3 South	MN10-136	123	KT10	1.17	0
Butler 3 South	MN10-136	124	KT10	16.3	0
Butler 3 South	MN10-136	125	KT10	4.48	0
Butler 3 South	MN10-136	126	KT10	1.24	0
Butler 3 South	MN10-136	127	KT10	15.3	0
Butler 3 South	MN10-136	128	KT10	0.93	0
Butler 3 South	MN10-136	129	KT10	3.26	0
Butler 3 South	MN10-136	130	KT10	0.76	0
Butler 3 South	MN10-136	131	KT10	0.98	0
Butler 3 South	MN10-136	131.5	KT10	51.5	19998
Butler 3 South	MN10-136	132	KT10	2.91	0
Butler 3 South	MN10-136	133	KT10	6.63	0
Butler 3 South	MN10-136	134	KT10	1.1	0
Butler 3 South	MN10-136	135	KT10	2.26	0
Butler 3 South	MN10-136	136	KT10	1.12	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 3 South	MN10-136	137	KT10	1.22	0
Butler 3 South	MN10-136	138	KT10	1.72	0
Butler 3 South	MN10-136	139	KT10	1.88	0
Butler 3 South	MN10-136	140	KT10	28.9	0
Butler 3 South	MN10-136	141	KT10	4.03	0
Butler 3 South	MN10-136	142	KT10	6.32	0
Butler 3 South	MN10-136	143	KT10	17.4	0
Butler 3 South	MN10-136	144	KT10	103	0
Butler 3 South	MN10-136	145	KT10	35.1	0
Butler 3 South	MN10-136	146	KT10	96.4	0
Butler 3 South	MN10-136	147	KT10	3.55	0
Butler 3 South	MN10-136	148	KT10	4.62	0
Butler 3 South	MN10-136	149	KT10	1.48	0
Butler 3 South	MN10-136	150	KT10	23.5	0
Butler 3 South	MN10-136	151	KT10	16.4	0
Butler 3 South	MN10-136	152	KT10	0.6	0
Butler 3 South	MN10-136	153	KT10	1.6	0
Butler 3 South	MN10-136	154	KT10	0.67	0
Butler 3 South	MN10-136	155	KT10	6.15	0
Butler 3 South	MN10-136	156	KT10	1.57	0
Butler 3 South	MN10-136	157	KT10	0.88	0
Butler 3 South	MN10-136	158	KT10	0.86	0
Butler 3 South	MN10-136	159	KT10	1.29	0
Butler 3 South	MN10-136	160	KT10	1.45	0
Butler 3 South	MN10-136	161	KT10	0.95	0
Butler 3 South	MN10-136	162	KT10	2.62	0
Butler 3 South	MN10-136	163	KT10	31.4	0
Butler 3 South	MN10-136	164	KT10	1.36	0
Butler 3 South	MN10-136	165	KT10	5.51	0
Butler 3 South	MN10-136	166	KT10	1.6	0
Butler 3 South	MN10-136	167	KT10	19.8	0
Butler 3 South	MN10-136	168	KT10	23	0
Butler 3 South	MN10-136	169	KT10	7.89	0
Butler 3 South	MN10-136	170	KT10	0.12	0
Butler 3 South	MN10-136	171	KT10	0.76	0
Butler 3 South	MN10-136	172	KT10	1.64	0
Butler 3 South	MN10-136	173	KT10	1	0
Butler 3 South	MN10-136	174	KT10	0.93	0
Butler 3 South	MN10-136	175	KT10	1.38	0
Butler 3 South	MN10-136	176	KT10	0.98	0
Butler 3 South	MN10-136	177	KT10	0.98	0
Butler 3 South	MN10-136	178	KT10	9.83	0
Butler 3 South	MN10-136	179	KT10	0.74	0
Butler 3 South	MN10-136	180	KT10	0.48	0
Butler 3 South	MN10-136	181	KT10	0.69	0
Butler 3 South	MN10-136	182	KT10	0.38	0
Butler 3 South	MN10-136	183	KT10	0.86	0
Butler 3 South	MN10-136	184	KT10	0.65	0
Butler 3 South	MN10-136	185	KT10	0.26	0
Butler 3 South	MN10-136	186	KT10	0.57	0
Butler 3 South	MN10-136	187	KT10	0.69	0
Butler 3 South	MN10-136	188	KT10	0.19	0
Butler 3 South	MN10-136	189	KT10	0.79	0
Butler 3 South	MN10-136	190	KT10	0.79	0
Butler 3 South	MN10-136	191	KT10	0.81	0
Butler 3 South	MN10-136	192	KT10	0.88	0
Butler 2	MN10-88	20	KT10	0	0
Butler 2	MN10-88	21	KT10	0	0
Butler 2	MN10-88	22	KT10	0	0
Butler 2	MN10-88	23	KT10	0	0
Butler 2	MN10-88	24	KT10	0	0
Butler 2	MN10-88	25	KT10	0	0
Butler 2	MN10-88	26	KT10	0	0
Butler 2	MN10-88	27	KT10	0.1	0
Butler 2	MN10-88	28	KT10	0	0
Butler 2	MN10-88	29	KT10	0	0
Butler 2	MN10-88	30	KT10	0	0
Butler 2	MN10-88	31	KT10	9.1	0
Butler 2	MN10-88	32	KT10	1.26	0
Butler 2	MN10-88	33	KT10	0	0
Butler 2	MN10-88	34	KT10	0	0
Butler 2	MN10-88	35	KT10	4.51	0
Butler 2	MN10-88	36	KT10	0	0
Butler 2	MN10-88	37	KT10	0	0
Butler 2	MN10-88	38	KT10	0.59	0
Butler 2	MN10-88	39	KT10	0	0
Butler 2	MN10-88	40	KT10	0.28	0
Butler 2	MN10-88	41	KT10	0	0
Butler 2	MN10-88	42	KT10	0	0
Butler 2	MN10-88	43	KT10	0	0
Butler 2	MN10-88	44	KT10	0	0
Butler 2	MN10-88	45	KT10	0	0
Butler 2	MN10-88	46	KT10	0	0
Butler 2	MN10-88	47	KT10	0	0
Butler 2	MN10-88	48	KT10	0	0
Butler 2	MN10-88	49	KT10	0	0
Butler 2	MN10-88	50	KT10	0	0
Butler 2	MN10-88	51	KT10	0	0
Butler 2	MN10-88	52	KT10	31.4	0
Butler 2	MN10-88	53	KT10	0	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 2	MN10-88	54	KT10	0	0
Butler 2	MN10-88	55	KT10	0	0
Butler 2	MN10-88	56	KT10	0	0
Butler 2	MN10-88	57	KT10	0	0
Butler 2	MN10-88	58	KT10	0	0
Butler 2	MN10-88	59	KT10	0	0
Butler 2	MN10-88	60	KT10	2.94	0
Butler 2	MN10-88	61	KT10	0	0
Butler 2	MN10-88	62	KT10	0	0
Butler 2	MN10-88	63	KT10	0	0
Butler 2	MN10-88	64	KT10	0	0
Butler 2	MN10-88	65	KT10	0.59	0
Butler 2	MN10-88	66	KT10	0	0
Butler 2	MN10-88	67	KT10	5.62	0
Butler 2	MN10-88	68	KT10	0	0
Butler 2	MN10-88	69	KT10	2.23	0
Butler 2	MN10-88	70	KT10	0	0
Butler 2	MN10-88	71	KT10	0	0
Butler 2	MN10-88	72	KT10	0	0
Butler 2	MN10-88	73	KT10	0.36	0
Butler 2	MN10-88	74	KT10	0.4	0
Butler 2	MN10-88	75	KT10	0.02	0
Butler 2	MN10-88	76	KT10	20.8	0
Butler 2	MN10-88	77	KT10	0.28	0
Butler 2	MN10-88	78	KT10	97.5	0
Butler 2	MN10-88	79	KT10	85.2	0
Butler 2	MN10-88	80	KT10	24.2	0
Butler 2	MN10-88	81	KT10	39.6	0
Butler 2	MN10-88	82	KT10	22.6	0
Butler 2	MN10-88	83	KT10	12.3	0
Butler 2	MN10-88	84	KT10	0.83	0
Butler 2	MN10-88	85	KT10	0.07	0
Butler 2	MN10-88	86	KT10	86.8	496
Butler 2	MN10-88	87	KT10	0	0
Butler 2	MN10-88	88	KT10	0.52	0
Butler 2	MN10-88	89	KT10	0	0
Butler 2	MN10-88	90	KT10	0.14	0
Butler 2	MN10-88	91	KT10	62.9	0
Butler 2	MN10-88	92	KT10	67.7	0
Butler 2	MN10-88	93	KT10	1.3	0
Butler 2	MN10-88	94	KT10	5.95	0
Butler 2	MN10-88	95	KT10	1.02	0
Butler 2	MN10-88	96	KT10	3.1	0
Butler 2	MN10-88	97	KT10	0.95	0
Butler 2	MN10-88	98	KT10	0.36	0
Butler 2	MN10-88	99	KT10	0	0
Butler 2	MN10-88	100	KT10	0.47	0
Butler 2	MN10-88	101	KT10	0.85	0
Butler 2	MN10-88	102	KT10	1.07	0
Butler 2	MN10-88	103	KT10	0.64	0
Butler 2	MN10-88	104	KT10	1.26	0
Butler 2	MN10-88	105	KT10	0.54	0
Butler 2	MN10-88	106	KT10	0.4	0
Butler 2	MN10-88	107	KT10	0.62	0
Butler 2	MN10-88	108	KT10	0.45	0
Butler 2	MN10-88	109	KT10	1.97	0
Butler 2	MN10-88	110	KT10	1.94	0
Butler 2	MN10-88	111	KT10	0.07	0
Butler 2	MN10-88	112	KT10	0.31	0
Butler 2	MN10-88	113	KT10	0.85	0
Butler 2	MN10-88	114	KT10	1.33	0
Butler 2	MN10-88	115	KT10	0.85	0
Butler 2	MN10-88	116	KT10	0.4	0
Butler 2	MN10-88	117	KT10	0.78	0
Butler 2	MN10-88	118	KT10	1.04	0
Butler 2	MN10-88	119	KT10	0.71	0
Butler 2	MN10-88	120	KT10	0.36	0
Butler 2	MN10-88	121	KT10	0.26	0
Butler 2	MN10-88	122	KT10	0.17	0
Butler 2	MN10-88	123	KT10	0.17	0
Butler 2	MN10-88	124	KT10	0.45	0
Butler 2	MN10-88	125	KT10	0.4	0
Butler 2	MN10-88	126	KT10	0.21	0
Butler 2	MN10-88	127	KT10	20.8	0
Butler 2	MN10-88	128	KT10	0.14	0
Butler 2	MN10-88	129	KT10	8.01	0
Butler 2	MN10-88	130	KT10	126	0
Butler 2	MN10-88	131	KT10	0.33	0
Butler 2	MN10-88	132	KT10	0.02	0
Butler 2	MN10-88	133	KT10	2.68	0
Butler 2	MN10-88	134	KT10	0.4	0
Butler 2	MN10-88	135	KT10	27.9	0
Butler 2	MN10-88	136	KT10	0.24	0
Butler 2	MN10-88	137	KT10	1.11	0
Butler 2	MN10-88	138	KT10	0.36	0
Butler 2	MN10-88	139	KT10	0.38	0
Butler 2	MN10-88	140	KT10	0.83	0
Butler 2	MN10-88	141	KT10	0.4	0
Butler 2	MN10-88	142	KT10	0.21	0
Butler 2	MN10-88	143	KT10	0.62	0

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Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 2	MN10-88	143.25	KT10	0	0
Butler 2	MN10-88	143.5	KT10	8.86	0
Butler 2	MN10-88	144	KT10	0	0
Butler 2	MN10-88	145	KT10	2.04	0
Butler 2	MN10-88	146	KT10	0.26	0
Butler 2	MN10-88	147	KT10	0	0
Butler 2	MN10-88	148	KT10	0.83	0
Butler 2	MN10-88	149	KT10	0.09	0
Butler 2	MN10-88	150	KT10	0.52	0
Butler 2	MN10-88	151	KT10	0.17	0
Butler 2	MN10-88	152	KT10	0.17	0
Butler 2	MN10-88	153	KT10	17.9	0
Butler 2	MN10-88	154	KT10	20.6	0
Butler 2	MN10-88	155	KT10	58.1	0
Butler 2	MN10-88	156	KT10	5.92	0
Butler 2	MN10-88	157	KT10	31.1	0
Butler 2	MN10-88	158	KT10	41.3	12.9
Butler 2	MN10-88	159	KT10	0.88	0
Butler 2	MN10-88	160	KT10	1.68	0
Butler 2	MN10-88	161	KT10	1.3	0
Butler 2	MN10-88	162	KT10	958	0.8
Butler 2	MN10-88	163	KT10	3.86	0
Butler 2	MN10-88	164	KT10	11.2	0
Butler 2	MN10-88	165	KT10	0.45	0
Butler 2	MN10-88	166	KT10	0.66	0
Butler 2	MN10-88	167	KT10	8.98	0
Butler 2	MN10-88	168	KT10	0	0
Butler 2	MN10-88	169	KT10	55.5	0
Butler 2	MN10-88	170	KT10	5.78	0
Butler 2	MN10-88	171	KT10	190	0
Butler 2	MN10-88	172	KT10	0.78	0
Butler 2	MN10-88	173	KT10	31.1	29.3
Butler 2	MN10-88	174	KT10	0	0
Butler 2	MN10-88	175	KT10	0.9	0
Butler 2	MN10-88	176	KT10	0.21	0
Butler 2	MN10-88	177	KT10	0.17	0
Butler 2	MN10-88	178	KT10	0.81	0
Butler 2	MN10-88	179	KT10	0.88	0
Butler 2	MN10-88	180	KT10	0.88	0
Butler 2	MN10-88	181	KT10	0.52	0
Butler 2	MN10-88	182	KT10	0.85	0
Butler 2	MN10-97	26	KT10	31.9	0
Butler 2	MN10-97	27	KT10	55.5	0
Butler 2	MN10-97	28	KT10	0	0
Butler 2	MN10-97	29	KT10	0	0
Butler 2	MN10-97	30	KT10	0	0
Butler 2	MN10-97	31	KT10	0	0
Butler 2	MN10-97	32	KT10	0	0
Butler 2	MN10-97	33	KT10	0	0
Butler 2	MN10-97	34	KT10	0	0
Butler 2	MN10-97	35	KT10	0	0
Butler 2	MN10-97	36	KT10	0	0
Butler 2	MN10-97	37	KT10	0	0
Butler 2	MN10-97	38	KT10	33.6	0
Butler 2	MN10-97	39	KT10	0.4	0
Butler 2	MN10-97	40	KT10	0	0
Butler 2	MN10-97	41	KT10	0	0
Butler 2	MN10-97	42	KT10	0	0
Butler 2	MN10-97	43	KT10	0	0
Butler 2	MN10-97	44	KT10	1.33	0
Butler 2	MN10-97	45	KT10	0	0
Butler 2	MN10-97	46	KT10	1.76	0
Butler 2	MN10-97	47	KT10	1.12	0
Butler 2	MN10-97	48	KT10	0.88	0
Butler 2	MN10-97	49	KT10	0	0
Butler 2	MN10-97	50	KT10	5.43	0
Butler 2	MN10-97	51	KT10	0	0
Butler 2	MN10-97	52	KT10	0.83	0
Butler 2	MN10-97	53	KT10	0	0
Butler 2	MN10-97	54	KT10	5.07	0
Butler 2	MN10-97	55	KT10	5.88	0
Butler 2	MN10-97	56	KT10	2.24	0
Butler 2	MN10-97	57	KT10	0.48	0
Butler 2	MN10-97	58	KT10	4.88	0
Butler 2	MN10-97	59	KT10	5.19	0
Butler 2	MN10-97	60	KT10	3.24	0
Butler 2	MN10-97	61	KT10	2.28	0
Butler 2	MN10-97	62	KT10	6.61	0
Butler 2	MN10-97	63	KT10	4.19	0
Butler 2	MN10-97	64	KT10	50.5	0
Butler 2	MN10-97	65	KT10	20.1	0
Butler 2	MN10-97	66	KT10	142	0
Butler 2	MN10-97	67	KT10	92.1	0
Butler 2	MN10-97	68	KT10	86.9	0
Butler 2	MN10-97	69	KT10	18.7	0
Butler 2	MN10-97	70	KT10	0.29	0
Butler 2	MN10-97	71	KT10	0.21	0
Butler 2	MN10-97	72	KT10	0.95	0
Butler 2	MN10-97	73	KT10	9.23	1.1
Butler 2	MN10-97	74	KT10	0.48	0

Noront Butler Report Addendum - Magnetic Susceptibility and Conductivity Data

Target	Hole_ID	Depth_m	Instrument	Susceptibility_SI	Conductivity_S/m
Butler 2	MN10-97	75	KT10	4.02	0
Butler 2	MN10-97	76	KT10	16.2	0
Butler 2	MN10-97	77	KT10	24.9	0
Butler 2	MN10-97	78	KT10	4.66	0
Butler 2	MN10-97	79	KT10	19.7	0
Butler 2	MN10-97	80	KT10	6.44	0
Butler 2	MN10-97	81	KT10	2.21	0
Butler 2	MN10-97	82	KT10	6.92	0
Butler 2	MN10-97	83	KT10	2.47	0
Butler 2	MN10-97	84	KT10	8.18	0
Butler 2	MN10-97	85	KT10	26.3	0
Butler 2	MN10-97	86	KT10	5.28	0
Butler 2	MN10-97	87	KT10	18.2	0
Butler 2	MN10-97	88	KT10	4.35	0
Butler 2	MN10-97	89	KT10	0.95	0
Butler 2	MN10-97	90	KT10	5.56	0
Butler 2	MN10-97	91	KT10	8.96	0
Butler 2	MN10-97	92	KT10	3.5	0
Butler 2	MN10-97	93	KT10	61.4	0
Butler 2	MN10-97	94	KT10	54	0
Butler 2	MN10-97	95	KT10	24.6	0
Butler 2	MN10-97	96	KT10	12.4	0
Butler 2	MN10-97	97	KT10	0.17	0
Butler 2	MN10-97	98	KT10	0.71	0
Butler 2	MN10-97	99	KT10	0.14	0
Butler 2	MN10-97	100	KT10	0	0
Butler 2	MN10-97	101	KT10	20.8	0
Butler 2	MN10-97	102	KT10	1.33	0
Butler 2	MN10-97	103	KT10	0	0
Butler 2	MN10-97	104	KT10	0.33	0
Butler 2	MN10-97	105	KT10	0.5	0
Butler 2	MN10-97	106	KT10	0.69	0
Butler 2	MN10-97	107	KT10	0.76	0
Butler 2	MN10-97	108	KT10	3.83	0
Butler 2	MN10-97	109	KT10	2.52	0
Butler 2	MN10-97	110	KT10	0.36	0
Butler 2	MN10-97	111	KT10	0.17	0
Butler 2	MN10-97	112	KT10	0.55	0
Butler 2	MN10-97	113	KT10	0.33	0
Butler 2	MN10-97	114	KT10	0.48	0

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 1	Niton XRF	MN10-118	ppm	19	19.1	912656	<LOD	<LOD	<LOD	<LOD	132	<LOD	1375.1	<LOD	<LOD	<LOD	91.07	<LOD	<LOD	79815.61	<LOD	<LOD	2280.42	<LOD	431	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1807.09	<LOD	<LOD	<LOD	997	274.29
Butler 1	Niton XRF	MN10-118	ppm	20	20.1	825845.13	<LOD	<LOD	<LOD	<LOD	155	<LOD	6213.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	158826.38	<LOD	<LOD	<LOD	<LOD	872	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7315.24	<LOD	497.31	<LOD	76	141.36
Butler 1	Niton XRF	MN10-118	ppm	21	21.1	939646.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	363.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58378.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1085.11	<LOD	<LOD	<LOD	43	150.31
Butler 1	Niton XRF	MN10-118	ppm	22	22.1	927799.94	<LOD	<LOD	<LOD	<LOD	209	<LOD	859.44	<LOD	<LOD	<LOD	90.44	<LOD	<LOD	55744.89	<LOD	<LOD	12009.01	<LOD	544	<LOD	20	<LOD	<LOD	<LOD	<LOD	6.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	2091.3	<LOD	165.05	<LOD	58	296.25
Butler 1	Niton XRF	MN10-118	ppm	23	23.1	920472.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4118.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70543.73	<LOD	<LOD	3209.2	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	993.69	<LOD	<LOD	<LOD	51	255.91
Butler 1	Niton XRF	MN10-118	ppm	24	24.1	935900.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3312.55	<LOD	<LOD	<LOD	138.94	<LOD	<LOD	57188.19	<LOD	<LOD	<LOD	<LOD	399	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2634.24	<LOD	<LOD	<LOD	<LOD	254.38
Butler 1	Niton XRF	MN10-118	ppm	25	25.1	939391.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1170.32	<LOD	<LOD	<LOD	92.23	<LOD	<LOD	55021.66	<LOD	<LOD	1932.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1931.93	<LOD	<LOD	<LOD	130	258.53
Butler 1	Niton XRF	MN10-118	ppm	26	26.1	939540.38	<LOD	<LOD	<LOD	<LOD	117	<LOD	2479.13	<LOD	<LOD	<LOD	100.87	<LOD	<LOD	49153	<LOD	<LOD	6271.09	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	5.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	1689.18	<LOD	<LOD	<LOD	<LOD	277.53
Butler 1	Niton XRF	MN10-118	ppm	27	27.1	939092.56	<LOD	<LOD	<LOD	<LOD	314	<LOD	1248.85	<LOD	<LOD	<LOD	92.08	<LOD	<LOD	40553.66	<LOD	<LOD	16116.56	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	10.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	1914.2	<LOD	164.59	<LOD	<LOD	366.61
Butler 1	Niton XRF	MN10-118	ppm	28	28.1	928168	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2570.56	<LOD	<LOD	<LOD	81.5	<LOD	<LOD	64085.07	<LOD	<LOD	2210.29	<LOD	446	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	1992.23	<LOD	<LOD	<LOD	<LOD	255.67
Butler 1	Niton XRF	MN10-118	ppm	29	29.1	938144	<LOD	<LOD	<LOD	<LOD	280	<LOD	946.38	<LOD	<LOD	511	115.46	<LOD	<LOD	38477.16	<LOD	<LOD	19077.38	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	13.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	1805.85	<LOD	195.07	<LOD	<LOD	311.29
Butler 1	Niton XRF	MN10-118	ppm	30	30.1	932323.31	<LOD	<LOD	<LOD	<LOD	210	<LOD	2427.03	<LOD	<LOD	<LOD	153.89	<LOD	<LOD	51653.57	<LOD	<LOD	10657.13	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	7.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2235.31	<LOD	<LOD	<LOD	<LOD	259.99
Butler 1	Niton XRF	MN10-118	ppm	31	31.1	929497.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	673.1	<LOD	<LOD	<LOD	121.79	<LOD	<LOD	60345.74	<LOD	<LOD	6640.82	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	7.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2060.64	<LOD	<LOD	<LOD	44	252.54
Butler 1	Niton XRF	MN10-118	ppm	32	32.1	922548.81	<LOD	<LOD	<LOD	<LOD	131	<LOD	1162.14	<LOD	<LOD	<LOD	90.95	<LOD	<LOD	67643.07	<LOD	<LOD	6218.02	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	6.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1383.9	<LOD	173.74	<LOD	<LOD	255.59
Butler 1	Niton XRF	MN10-118	ppm	33	33.1	937615	<LOD	<LOD	<LOD	<LOD	308	<LOD	1699.48	<LOD	<LOD	<LOD	146.97	<LOD	<LOD	47216.43	<LOD	<LOD	10819.74	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	5.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68	<LOD	<LOD	<LOD	1372.21	<LOD	124.69	<LOD	<LOD	284.94
Butler 1	Niton XRF	MN10-118	ppm	34	34.1	923850.31	<LOD	<LOD	<LOD	<LOD	365	<LOD	1262.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59828.2	<LOD	<LOD	11694.36	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	6.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	2084.55	<LOD	135.24	<LOD	<LOD	278.12
Butler 1	Niton XRF	MN10-118	ppm	35	35.1	942042.38	<LOD	<LOD	<LOD	<LOD	242	<LOD	1801.03	<LOD	<LOD	<LOD	140.33	<LOD	<LOD	43951.73	<LOD	<LOD	9656.41	<LOD	357	<LOD	18	<LOD	<LOD	<LOD	<LOD	4.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	1333.38	<LOD	<LOD	<LOD	47	246.96
Butler 1	Niton XRF	MN10-118	ppm	36	36.1	927104.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1794.08	<LOD	<LOD	<LOD	145.49	<LOD	<LOD	67273.92	<LOD	<LOD	<LOD	<LOD	383	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1426.17	<LOD	128.94	<LOD	58	264.71
Butler 1	Niton XRF	MN10-118	ppm	37	37.1	924720.44	<LOD	<LOD	<LOD	<LOD	118	<LOD	2956.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64264.39	<LOD	<LOD	5412.28	<LOD	356	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1725.74	<LOD	<LOD	<LOD	<LOD	237.56
Butler 1	Niton XRF	MN10-118	ppm	38	38.1	932234.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	567.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65345	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1157.92	<LOD	<LOD	<LOD	<LOD	254.07
Butler 1	Niton XRF	MN10-118	ppm	39	39.1	927319.63	<LOD	<LOD	16	<LOD	<LOD	<LOD	1474.41	<LOD	<LOD	<LOD	120.54	<LOD	121	68027.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2232.27	<LOD	<LOD	<LOD	<LOD	244.25
Butler 1	Niton XRF	MN10-118	ppm	40	40.1	916429.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	644.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78531.63	<LOD	<LOD	1817.28	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1818.61	<LOD	<LOD	<LOD	<LOD	293.59
Butler 1	Niton XRF	MN10-118	ppm	41	41.1	899347.38	<LOD	<LOD	<LOD	<LOD	256	<LOD	1023.7	<LOD	<LOD	<LOD	158.98	<LOD	<LOD	80585.49	<LOD	<LOD	15999.34	<LOD	489	<LOD	20	<LOD	<LOD	<LOD	<LOD	9.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	1671.81	<LOD	<LOD	<LOD	<LOD	290.45
Butler 1	Niton XRF	MN10-118	ppm	42	42.1	908259.38	<LOD	<LOD	<LOD	<LOD	170	<LOD	826.5	<LOD	<LOD	<LOD	92.85	<LOD	<LOD	81355.49	<LOD	<LOD	6279.45	<LOD	346	<LOD	20	<LOD	<LOD	<LOD	<LOD	7.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1706.73	<LOD	<LOD	<LOD	<LOD	302.93
Butler 1	Niton XRF	MN10-118	ppm	43	43.1	933609.69	<LOD	<LOD	<LOD	<LOD	131	<LOD	1391.19	<LOD	<LOD	<LOD	87.69	<LOD	<LOD	56899.98	<LOD	<LOD	5787.7	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	5.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1637.86	<LOD	119.93	<LOD	<LOD	256.51
Butler 1	Niton XRF	MN10-118	ppm	44	44.1	916436.31	<LOD	<LOD	21	<LOD	370	<LOD	<LOD	<LOD	<LOD	<LOD	126.91	<LOD	<LOD	60650.48	<LOD	<LOD	19384.24	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	7.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2424.48	<LOD	<LOD	<LOD	<LOD	328.44
Butler 1	Niton XRF	MN10-118	ppm	45	45.1	937212.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	983.72	<LOD	<LOD	<LOD	119.01	<LOD	<LOD	59296.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1968.35	<LOD	<LOD	<LOD	<LOD	272.62
Butler 1	Niton XRF	MN10-118	ppm	46	46.1	941840.31	<LOD	<LOD	<LOD	<LOD	132	<LOD	<LOD	<LOD	<LOD	<LOD	81.43	<LOD	<LOD	45198.04	<LOD	<LOD	10051.97	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	8.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1606.87	<LOD	101.58	<LOD	<LOD	285.49
Butler 1	Niton XRF	MN10-118	ppm	47	47.1	960551.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	829.88	<LOD	<LOD	<LOD	78.3	<LOD	<LOD	37181.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1122.44	<LOD	<LOD	<LOD	<LOD	121.24
Butler 1	Niton XRF	MN10-118	ppm	48	48.1	931618.25	<LOD	<LOD	<LOD	<LOD	339	<LOD	<LOD	<LOD	<LOD	<LOD	159.59	<LOD	<LOD	46469.19	<LOD	<LOD	18287.42	<LOD	388	<LOD	38	<LOD	<LOD	<LOD	<LOD	19.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	1985.64	<LOD	228.15	<LOD	<LOD	391.78
Butler 1	Niton XRF	MN10-118	ppm	49	49.1	947790.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	820.76	<LOD	<LOD	<LOD	83.98	<LOD	<LOD	42862.29	<LOD	<LOD	6015.53	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1901.89	<LOD	129.45	<LOD	<LOD	236.67
Butler 1	Niton XRF	MN10-118	ppm	50	50.1	943743.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53218.02	<LOD	<LOD	<LOD	<LOD	406	<LOD	39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1765.84	<LOD	<LOD	<LOD	<LOD	318.19
Butler 1	Niton XRF	MN10-118	ppm	51	51.1	945832.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45638.92	<LOD	<LOD	6757.73	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	4.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	1254.28	<LOD	98.99	<LOD	<LOD	245.39
Butler 1	Niton XRF	MN10-118	ppm	52	52.1	913109.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1273.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82683.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2319.12	<LOD	<LOD	<LOD	<LOD	261.93
Butler 1	Niton XRF	MN10-118	ppm	53	53.1	974208.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1254.32	<LOD	<LOD	<LOD	90.67	<LOD	<LOD	17870.11	<LOD	<LOD	4431.3	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	4.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1833.34	<LOD	85.65	<LOD	<LOD	114.02
Butler 1	Niton XRF	MN10-118	ppm	54	54.1	910082.63	<LOD	<LOD	<LOD	<LOD	305	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65389.45	<LOD	<LOD	20481.29	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	<LOD	14.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	2624.78	<LOD	255.48	<LOD	<LOD	352.37
Butler 1	Niton XRF	MN10-118	ppm	55	55.1	969006.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	930.9	<LOD	<LOD	<LOD	165.54	<LOD	<LOD	20258.16	<LOD	<LOD	7834.04	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	6.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	1562.03	<LOD	<LOD	<LOD	<LOD	108.01
Butler 1	Niton XRF	MN10-118	ppm	56	56.1	832646.88	<LOD	<LOD	<LOD	<LOD	363	<LOD	1883.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143884.05	<LOD	<LOD	14204.99	<LOD	812	<LOD	28	<LOD	<LOD	<LOD	<LOD	7.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5214.2	<LOD	<LOD	<LOD	89	608.01
Butler 1	Niton XRF	MN10-118	ppm	57	57.1	932500.31	<LOD	<LOD	<LOD	<LOD	260	<LOD	966.66	<LOD	<LOD	<LOD	134.67	<LOD	<LOD	53703.59	<LOD	<LOD	10550.34	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	7.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	1110.03	<LOD	116.98	<LOD	<LOD	239.47
Butler 1	Niton XRF	MN10-118	ppm	58	58.1	910392.25	<LOD	<LOD	<LOD	<LOD	405	<LOD	2249.11	<LOD	<LOD	<LOD	138.43	<LOD	<LOD	67573.87	<LOD	<LOD	14100.66	<LOD	455	<LOD	15	<LOD	<LOD	<LOD	<LOD	11.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	3912.38	<LOD	223.99	<LOD	<LOD	358.6
Butler 1	Niton XRF	MN10-118	ppm	59	59.1	905840.31	<LOD	<LOD	<LOD	<LOD	306	<LOD	2018.79	<LOD	<LOD	<LOD	178.52	<LOD	<LOD	68691.45	<LOD	<LOD	17507.3	<LOD	695	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	4051.62	<LOD	280.44	<LOD	<LOD	284.56
Butler 1	Niton XRF	MN10-118	ppm	60	60.1	904047.94	<LOD	<LOD	<LOD	<LOD	214	<LOD	1709.31	<LOD	<LOD	<LOD	119.71	<LOD	<LOD	78061.44	<LOD	<LOD	12598.31	<LOD	479	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	2310.97	<LOD	184.03	<LOD	<LOD	156.76
Butler 1	Niton XRF	MN10-118	ppm	61	61.1	885455.5	<LOD	<LOD	<LOD	<LOD	301	<LOD	2965.21	<LOD	<LOD	<LOD	124.82	<LOD	<LOD	89325.1	<LOD	<LOD	15968.68	<LOD	504	<LOD	26	<LOD	<LOD	<LOD	<LOD	11.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	4878.98	<LOD	<LOD	<LOD	66	285.25
Butler 1	Niton XRF	MN10-118	ppm	62	62.1	880382	<LOD	<LOD	21	<LOD	<LOD	<LOD	2026.58	<LOD	<LOD	<LOD	294.4	<LOD	<LOD	114786.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1693.32	<LOD	<LOD	<LOD	<LOD	231.98
Butler 1	Niton XRF	MN10-118	ppm	63	63.1	946455.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	908.74	<LOD	<LOD	<LOD	87.23	<LOD	<LOD	47338.45	<LOD	<LOD	3521.73	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	3.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1384.67	<LOD	<LOD	<LOD	<LOD	153.65
Butler 1	Niton XRF	MN10-118	ppm	64	64.1	935379.19	<LOD	<LOD	<LOD	<LOD	272	<LOD	1760.61	<LOD	<LOD	<LOD	101.37	<LOD	<LOD	40368.16	<LOD	<LOD	19680.24	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	12.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1928.22	<LOD	172.06	<LOD	<LOD	222.27
Butler 1	Niton XRF	MN10-118	ppm	65	65.1	941797.19	<LOD	<LOD	<LOD	<LOD	135	<LOD	1003.75	<LOD	<LOD	<LOD	89.87	<LOD	<LOD	44424.44	<LOD	<LOD	9952.32	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	7.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	2219.35	<LOD	<LOD	<LOD	<LOD	232.29
Butler 1	Niton XRF	MN10-118	ppm	66	66.1	910181.63	<LOD	<LOD	<LOD	<LOD	184	<LOD	1690.36	<LOD	<LOD	<LOD	95.56	<LOD	<LOD	76124.61	<LOD	<LOD	7452.03	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3582.76	<LOD	157.86	<LOD	<LOD	138.95
Butler 1	Niton XRF	MN10-118	ppm	67	67.1	909101.19	<LOD	<LOD	<LOD	<LOD	230	<LOD	1461.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70888.03	<LOD	<LOD	15033.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2877.6	<LOD	180.83	<LOD	<LOD	166.52
Butler 1	Niton XRF	MN10-118	ppm	68	68.1	940146.81	<LOD	<LOD	<LOD	<LOD	178	<LOD	1384.84	<LOD	<LOD	<LOD	67.64	<LOD	<LOD	44313.75	<LOD	<LOD	11907.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1670.61	<LOD	<LOD	<LOD	<LOD	194.14
Butler 1	Niton XRF	MN10-118	ppm	69	69.1	905773.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104.79	<LOD	<LOD	82609.8	<LOD	<LOD	8100.91	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	5.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1970.71	<LOD	<LOD	<LOD	<LOD	207.93
Butler 1	Niton XRF	MN10-118	ppm	70	70.1	910824.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1786.27	<LOD	<LOD	<LOD	104.89	<LOD	<LOD	71002.09	<LOD	<LOD	12782.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2686.88	<LOD	<LOD	<LOD	<LOD	118.14
Butler 1	Niton XRF	MN10-118	ppm	71	71.1	904704.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2141.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85702.34	<LOD	<LOD	3550.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3523.23	<LOD	<LOD	<LOD	50	154.37
Butler 1	Niton XRF	MN10-118	ppm	72	72.1	897630.63	<LOD	<LOD	<LOD	<LOD	317	<LOD	2019.98	<LOD	<LOD	<LOD	157.07	<LOD	<LOD	83218.83	<LOD	<LOD	11587.85	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	10.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	4019.36	<LOD	184.3	<LOD	<LOD	450.04
Butler 1	Niton XRF	MN10-118	ppm	73	73.1	916951.5	<LOD	<LOD	<LOD	<LOD	150	<LOD	1788.24	<LOD	<LOD	<LOD	133.62	<LOD	<LOD	66115.16	<LOD	<LOD	11768.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2491.21	<LOD	<LOD	<LOD	<LOD	135.46
Butler 1	Niton XRF	MN10-118	ppm	74	74.1	903074.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1711.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91375.66	<LOD	<LOD	<LOD	<LOD	342	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2718.3	<LOD	<LOD	<LOD	<LOD	138.96
Butler 1	Niton XRF	MN10-118	ppm	75	75.1	785131.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5224.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	201091.61	<LOD	<LOD	<LOD	<LOD	608	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7264.82	<LOD	<LOD	<LOD	76	270
Butler 1	Niton XRF	MN10-118	ppm	76	76.1	919350.81	<LOD	<LOD	<LOD	<LOD	191	<LOD	1076.3	<LOD	<LOD	<LOD	131.01	<LOD	<LOD	72364.61	<LOD	<LOD	2411.3	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	3659.04	<LOD	<LOD	<LOD	<LOD	286.96
Butler 1	Niton XRF	MN10-118	ppm	77	77.1	886886.69	<LOD	<LOD	<LOD	<LOD	242	<LOD	1627.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105360.32	<LOD	<LOD	<LOD	<LOD	869	<LOD	19	<LOD	<LOD	<LOD	<LOD	4.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	3132.41	<LOD	228.24	<LOD	<LOD	230.42
Butler 1	Niton XRF	MN10-118	ppm	78	78.1	907104.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1845.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85135	<LOD	<LOD	<LOD	<LOD	397	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3630	<LOD	170.26	<LOD	<LOD	147.53
Butler 1	Niton XRF	MN10-118	ppm	79	79.1	889614.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3872.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99831.84	<LOD	<LOD	<LOD	<LOD	576	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5872.49	<LOD	<LOD	<LOD	<LOD	140.73
Butler 1	Niton XRF	MN10-118	ppm	80	80.1	883641.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2382.42	<LOD	<LOD	<LOD	125.52	<LOD	<LOD	109113.09	<LOD	<LOD	<LOD	<LOD	561	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3753.72	<LOD	235.68	<LOD	<LOD	134.7
Butler 1	Niton XRF	MN10-118	ppm	81	81.1	907187.75	<LOD	<LOD	<LOD	<LOD	261	<LOD	867.51	<LOD	<LOD	<LOD	85.82	<LOD	<LOD	79195.09	<LOD	<LOD	8800.13	<LOD	402	<LOD	14	<LOD	<LOD	<LOD	<LOD	6.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2909.16	<LOD	<LOD	<LOD	<LOD	203.13
Butler 1	Niton XRF	MN10-118	ppm	82	82.1	894617.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1458.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100559.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2935.74	<LOD	<LOD	<LOD	58	183.77
Butler 1	Niton XRF	MN10-118	ppm	83	83.1	929595.5	<LOD	<LOD	<LOD	<LOD	168	<LOD	1435.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57641.75	<LOD	<LOD	8705.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1838.21	<LOD	<LOD	<LOD	<LOD	147.72
Butler 1	Niton XRF	MN10-118	ppm	84	84.1	903979.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1454.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89957.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4032.48	<LOD	333.37	<LOD	<LOD	211.49
Butler 1	Niton XRF	MN10-118	ppm	85	85.1	891804.81	<LOD	<LOD	<LOD	<LOD	171	<LOD	1894.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103005.49	<LOD	<LOD	<LOD	<LOD	472	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2124.8	<LOD	<LOD	<LOD	<LOD	223.3
Butler 1	Niton XRF	MN10-118	ppm	86	86.1	892108.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2149.46	<LOD	<LOD	<LOD	123.1	<LOD	<LOD	101795.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3149.7	<LOD	228.67	<LOD	<LOD	177.93
Butler 1	Niton XRF	MN10-118	ppm	87	87.1	867387.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3141.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125038.25	<LOD	<LOD	<LOD	<LOD	436	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3467.15	<LOD	198.14	<LOD	<LOD	257.85
Butler 1	Niton XRF	MN10-118	ppm	88	88.1	843596.5	<LOD	<LOD	15	<LOD	<LOD	<LOD	1176.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148412.05	<LOD	<LOD	<LOD	<LOD	1095	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5080.34	<LOD	277.59	<LOD	<LOD	189.42
Butler 1	Niton XRF	MN10-118	ppm	89	89.1	880034.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2479.41	<LOD	<LOD	<LOD	115.27	<LOD	<LOD	109574.73	<LOD	<LOD	3292.55	<LOD	606	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3510.56	<LOD	<LOD	<LOD	<LOD	239.4
Butler 1	Niton XRF	MN10-118	ppm	90	90.1	937479.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1930.64	<LOD	<LOD	<LOD	135.29	<LOD	<LOD	57700.77	<LOD	<LOD	<LOD	<LOD	335	18	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2182.45	<LOD	<LOD	<LOD	<LOD	161.59
Butler 1	Niton XRF	MN10-118	ppm	91	91.1	895058.38	<LOD	<LOD	<LOD	<LOD	317	<LOD	1538.74	<LOD	<LOD	<LOD	105.41	<LOD	<LOD	91906.08	<LOD	<LOD	6429.87	<LOD	671	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3646.08	<LOD	<LOD	<LOD	<LOD	268.7
Butler 1	Niton XRF	MN10-118	ppm	92	92.1	886453.75	<LOD	<LOD	<LOD	<LOD	699	<LOD	2526.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81263.54	<LOD	<LOD	24370.03	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	12.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	<LOD	<LOD	<LOD	3622.17	<LOD	306.87	<LOD	<LOD	244.24
Butler 1	Niton XRF	MN10-118	ppm	93	93.1	877369.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2351.85	<LOD	<LOD	<LOD	126.78	<LOD	<LOD	112450.01	<LOD	<LOD	3328.73	<LOD	777	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3118.81	<LOD	<LOD	<LOD	<LOD	277.73
Butler 1	Niton XRF	MN10-118	ppm	94	94.1	895625.94	<LOD	<LOD	<LOD	<LOD	597	<LOD	1830.18	<LOD	<LOD	<LOD	108.72	<LOD	<LOD	77190.17	<LOD	<LOD	19330.28	<LOD	696	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	4029.32	<LOD	201.58	<LOD	<LOD	250.32
Butler 1	Niton XRF	MN10-118	ppm	95	95.1	859244.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2727.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131910.11	<LOD	<LOD	<LOD	<LOD	752	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4870.04	<LOD	<LOD	<LOD	<LOD	188.55
Butler 1	Niton XRF	MN10-118	ppm	96	96.1	837963.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2935.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151007.52	<LOD	<LOD	<LOD	<LOD	444	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7370.89	<LOD	<LOD	<LOD	<LOD	171.4
Butler 1	Niton XRF	MN10-118	ppm	97	97.1	847275.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6745.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	138442.22	<LOD	<LOD	<LOD	<LOD	646	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	6109.32	<LOD	349.46	<LOD	131	122.18
Butler 1	Niton XRF	MN10-118	ppm	98	98.1	860272.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3644.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129898.81	<LOD	<LOD	<LOD	<LOD	965	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4923.38	<LOD	<LOD	<LOD	96	164.89
Butler 1	Niton XRF	MN10-118	ppm	99	99.1	845147.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1696.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145720.66	<LOD	<LOD	<LOD	<LOD	1295	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5201.7	<LOD	462.49	<LOD	96	147.43
Butler 1	Niton XRF	MN10-118	ppm	100	100.1	843916.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1559.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	147681.84	<LOD	<LOD	<LOD	<LOD	969	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5139.81	<LOD	432.45	<LOD	129	132.98
Butler 1	Niton XRF	MN10-118	ppm	101	101.1	820949.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7520.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148648.55	<LOD	<LOD	<LOD	<LOD	1212	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15154	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5680.22	<LOD	534.55	<LOD	86	140.19
Butler 1	Niton XRF	MN10-118	ppm	102	102.1	839232.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2384.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149835.64	<LOD	<LOD	<LOD	<LOD	1175	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6472.05	<LOD	571.94	<LOD	<LOD	109.22
Butler 1	Niton XRF	MN10-118	ppm	103	103.1	852461.5	<LOD	<LOD	<LOD	<LOD	137	<LOD	2257.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	138292.69	<LOD	<LOD	<LOD	<LOD	1209	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4982.47	<LOD	401.04	<LOD	<LOD	155.66
Butler 1	Niton XRF	MN10-118	ppm	104	104.1	803980.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2552.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	185604.88	<LOD	<LOD	<LOD	<LOD	1049	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6037.19	<LOD	366.84	<LOD	102	123.22
Butler 1	Niton XRF	MN10-118	ppm	105	105.1	864320.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2711.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126838.77	<LOD	<LOD	<LOD	<LOD	558	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4964.48	<LOD	272.66	<LOD	<LOD	213.96
Butler 1	Niton XRF	MN10-118	ppm	106	106.1	877481.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2537.16	<LOD	<LOD	<LOD	<LOD	<LOD	6035	108628.03	<LOD	<LOD	<LOD	<LOD	470	<LOD	<LOD	<LOD	<LOD	86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3970.39	<LOD	220.47	<LOD	149	173.45
Butler 1	Niton XRF	MN10-118	ppm	107	107.1	843137.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2164.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146706.67	<LOD	<LOD	<LOD	<LOD	585	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6728.34	<LOD	468.54	<LOD	62	115.63
Butler 1	Niton XRF	MN10-118	ppm	108	108.1	921856.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	873.61	<LOD	<LOD	<LOD	84.9	<LOD	<LOD	75514.36	<LOD	<LOD	<LOD	<LOD	324	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	952.07	<LOD	135.07	<LOD	<LOD	193.4
Butler 1	Niton XRF	MN10-118	ppm	109	109.1	916383.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	745.21	<LOD	<LOD	<LOD	93.89	<LOD	<LOD	80910.16	<LOD	<LOD	<LOD	<LOD	444	20	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1067.34	<LOD	<LOD	<LOD	<LOD	257.78
Butler 1	Niton XRF	MN10-118	ppm	110	110.1	947709.75	<LOD	<LOD	<LOD	<LOD	252	<LOD	<LOD	<LOD	<LOD	<LOD	114.02	<LOD	<LOD	41715.86	<LOD	<LOD	8105.98	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	5.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	<LOD	1197.42	<LOD	<LOD	<LOD	<LOD	223.27
Butler 1	Niton XRF	MN10-118	ppm	111	111.1	921237.63	<LOD	<LOD	<LOD	<LOD	322	<LOD	838.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64165.84	<LOD	<LOD	10614.46	<LOD	424	<LOD	23	<LOD	<LOD	<LOD	<LOD	10.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	1707.54	<LOD	178.97	<LOD	<LOD	320.46
Butler 1	Niton XRF	MN10-118	ppm	112	112.1	913411.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	888.04	<LOD	<LOD	<LOD	293.21	<LOD	<LOD	74446.16	<LOD	<LOD	8846.32	<LOD	464	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1327.3	<LOD	<LOD	<LOD	<LOD	250.99
Butler 1	Niton XRF	MN10-118	ppm	113	113.1	921365.75	<LOD	<LOD	<LOD	<LOD	134	<LOD	<LOD	<LOD	<LOD	<LOD	100.41	<LOD	<LOD	73110.6	<LOD	<LOD	3051.81	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	3.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1177.14	<LOD	<LOD	<LOD	<LOD	252.62
Butler 1	Niton XRF	MN10-118	ppm	114	114.1	846569.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1390.13	<LOD	<LOD	<LOD	<LOD	<LOD	153	144461.42	<LOD	<LOD	<LOD	<LOD	837	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5915.75	<LOD	431.66	<LOD	103	106.47
Butler 1	Niton XRF	MN10-118	ppm	115	115.1	936244.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	555.25	<LOD	<LOD	<LOD	101.06	<LOD	<LOD	61414.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1230.19	<LOD	124.61	<LOD	46	241.14
Butler 1	Niton XRF	MN10-118	ppm	116	116.1	913962	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	746.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83745.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1170.26	<LOD	<LOD	<LOD	<LOD	235.87
Butler 1	Niton XRF	MN10-118	ppm	117	117.1	911592.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	923	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85227.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1316.58	<LOD	<LOD	<LOD	58	234.19
Butler 1	Niton XRF	MN10-118	ppm	118	118.1	933543.69	<LOD	<LOD	<LOD	<LOD	124	<LOD	<LOD	<LOD	<LOD	<LOD	97.45	<LOD	<LOD	55907.42	<LOD	<LOD	7776.16	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	5.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	1494.38	<LOD	<LOD	<LOD	<LOD	275.3

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 1	Niton XRF	MN10-118	ppm	119	119.1	895684.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	820.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99019.8	<LOD	<LOD	2035.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1551.64	<LOD	<LOD	<LOD	<LOD	293.69
Butler 1	Niton XRF	MN10-118	ppm	120	120.1	881044.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	708.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114943.65	<LOD	<LOD	<LOD	<LOD	442	<LOD	31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2234	<LOD	<LOD	<LOD	166	303.05
Butler 1	Niton XRF	MN10-118	ppm	121	121.1	913667.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88.65	<LOD	<LOD	82169.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	3.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1387.35	<LOD	<LOD	<LOD	201	266.84
Butler 1	Niton XRF	MN10-118	ppm	122	122.1	923166.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74103.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1406.81	<LOD	<LOD	<LOD	131	234.97
Butler 1	Niton XRF	MN10-118	ppm	123	123.1	853879.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2662.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137507.78	<LOD	<LOD	<LOD	<LOD	436	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5037.15	<LOD	<LOD	<LOD	77	222.24
Butler 1	Niton XRF	MN10-118	ppm	124	124.1	872152.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1120.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123640.65	<LOD	<LOD	<LOD	<LOD	494	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2086.14	<LOD	<LOD	<LOD	70	301.85
Butler 1	Niton XRF	MN10-118	ppm	125	125.1	854018.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1047.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128054.03	<LOD	<LOD	8429.3	<LOD	766	30	39	<LOD	<LOD	<LOD	<LOD	17.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	<LOD	7116.01	<LOD	<LOD	<LOD	124	226.73
Butler 1	Niton XRF	MN10-118	ppm	126	126.1	909836.44	<LOD	<LOD	<LOD	<LOD	159	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84722.58	<LOD	<LOD	2369.97	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	1685.84	<LOD	<LOD	<LOD	94	267.44
Butler 1	Niton XRF	MN10-118	ppm	127	127.1	888788.75	<LOD	<LOD	<LOD	<LOD	314	<LOD	<LOD	<LOD	<LOD	<LOD	92.64	<LOD	168	81092.07	<LOD	<LOD	25990.36	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	18.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	1672.24	<LOD	220.09	<LOD	<LOD	352.97
Butler 1	Niton XRF	MN10-118	ppm	128	128.1	932613.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102.8	<LOD	<LOD	61494.04	<LOD	<LOD	3040.09	<LOD	<LOD	19	35	<LOD	<LOD	<LOD	<LOD	4.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1696.63	<LOD	130.79	<LOD	<LOD	376.08
Butler 1	Niton XRF	MN10-118	ppm	129	129.1	922617.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	652.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74238.98	<LOD	<LOD	<LOD	<LOD	464	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1620.03	<LOD	<LOD	<LOD	<LOD	262.2
Butler 1	Niton XRF	MN10-118	ppm	130	130.1	932998	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	615.97	<LOD	<LOD	<LOD	149.95	<LOD	<LOD	62144.4	<LOD	<LOD	1668.6	<LOD	335	<LOD	33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1580.5	<LOD	<LOD	<LOD	<LOD	330.19
Butler 1	Niton XRF	MN10-118	ppm	131	131.1	894985.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102131.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1683.23	<LOD	<LOD	<LOD	53	298.13
Butler 1	Niton XRF	MN10-118	ppm	132	132.1	869369.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2566.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123448.63	<LOD	<LOD	<LOD	<LOD	376	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3969.82	<LOD	<LOD	<LOD	<LOD	95.79
Butler 1	Niton XRF	MN10-118	ppm	133	133.1	888060.31	<LOD	<LOD	<LOD	<LOD	416	<LOD	2697.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88249.7	<LOD	<LOD	14669.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	5453.45	<LOD	<LOD	<LOD	<LOD	113.09
Butler 1	Niton XRF	MN10-118	ppm	134	134.1	920675.19	<LOD	<LOD	<LOD	<LOD	278	<LOD	1678.69	<LOD	<LOD	<LOD	86.76	<LOD	<LOD	56105.42	<LOD	<LOD	19304.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	<LOD	1660.68	<LOD	<LOD	<LOD	<LOD	110.38
Butler 1	Niton XRF	MN10-118	ppm	135	135.1	926902.94	<LOD	<LOD	<LOD	<LOD	138	<LOD	1394.16	<LOD	<LOD	<LOD	71.23	<LOD	<LOD	59114.37	<LOD	<LOD	8983.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2976.84	<LOD	<LOD	<LOD	<LOD	134.28
Butler 1	Niton XRF	MN10-118	ppm	136	136.1	925618.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1458.69	<LOD	<LOD	<LOD	95.15	<LOD	<LOD	61513.23	<LOD	<LOD	6781.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3435.14	<LOD	145.47	<LOD	<LOD	131.26
Butler 1	Niton XRF	MN10-118	ppm	137	137.1	930312.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1460.43	<LOD	<LOD	<LOD	129.49	<LOD	<LOD	60438.33	<LOD	<LOD	5255.21	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	5.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	2125.03	<LOD	<LOD	<LOD	<LOD	103.25
Butler 1	Niton XRF	MN10-118	ppm	138	138.1	905712.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2791	<LOD	<LOD	<LOD	100.43	<LOD	<LOD	74127.91	<LOD	<LOD	12863.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	<LOD	3568.26	<LOD	202.73	<LOD	80	123.55
Butler 1	Niton XRF	MN10-118	ppm	139	139.1	924253.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2544.87	<LOD	<LOD	<LOD	78.1	<LOD	<LOD	55188.64	<LOD	<LOD	14589.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2962.23	<LOD	<LOD	<LOD	<LOD	143.79
Butler 1	Niton XRF	MN10-118	ppm	140	140.1	926830.38	<LOD	<LOD	<LOD	<LOD	334	<LOD	1392.18	<LOD	<LOD	<LOD	133.93	<LOD	<LOD	42368.45	<LOD	<LOD	25787.61	<LOD	324	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124	<LOD	<LOD	<LOD	2232	<LOD	187.33	<LOD	86	168.51
Butler 1	Niton XRF	MN10-118	ppm	141	141.1	907533.31	<LOD	<LOD	<LOD	<LOD	752	<LOD	2419.95	<LOD	<LOD	<LOD	82.77	<LOD	<LOD	55027.72	<LOD	<LOD	29783.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	177	<LOD	<LOD	<LOD	3723.79	<LOD	249.45	<LOD	44	161.7
Butler 1	Niton XRF	MN10-118	ppm	142	142.1	913743.06	<LOD	<LOD	<LOD	<LOD	386	<LOD	1599.03	<LOD	<LOD	<LOD	86.43	<LOD	<LOD	49082.8	<LOD	<LOD	31678.58	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	26.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	2816.95	<LOD	229.22	<LOD	46	165.53
Butler 1	Niton XRF	MN10-118	ppm	143	143.1	922693.88	<LOD	<LOD	<LOD	<LOD	326	<LOD	1867.5	<LOD	<LOD	<LOD	110.23	<LOD	<LOD	52795.83	<LOD	<LOD	17378.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	4256.43	<LOD	<LOD	<LOD	<LOD	164.28
Butler 1	Niton XRF	MN10-118	ppm	144	144.1	889900.38	<LOD	<LOD	<LOD	<LOD	281	<LOD	2136.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82597.23	<LOD	<LOD	21674.8	<LOD	419	33	21	<LOD	<LOD	<LOD	<LOD	12.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	2505.82	<LOD	152.16	<LOD	<LOD	141.12
Butler 1	Niton XRF	MN10-118	ppm	145	145.1	900877.25	<LOD	<LOD	<LOD	<LOD	247	<LOD	1847.01	<LOD	<LOD	<LOD	166.02	<LOD	<LOD	83545.69	<LOD	<LOD	9611.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	3199.79	<LOD	<LOD	<LOD	<LOD	161.85
Butler 1	Niton XRF	MN10-118	ppm	146	146.1	939339	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1839.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51460.92	<LOD	<LOD	5227.19	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67	<LOD	<LOD	<LOD	1823.54	<LOD	<LOD	<LOD	<LOD	112.2
Butler 1	Niton XRF	MN10-118	ppm	147	147.1	911198.81	<LOD	<LOD	<LOD	<LOD	126	<LOD	2534.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70120.13	<LOD	<LOD	12956.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	2364.5	<LOD	189.99	<LOD	<LOD	113.01
Butler 1	Niton XRF	MN10-118	ppm	148	148.1	919993.19	<LOD	<LOD	<LOD	<LOD	148	<LOD	2332.69	<LOD	<LOD	<LOD	83.25	<LOD	<LOD	66374.34	<LOD	<LOD	6998.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	<LOD	3587.74	<LOD	<LOD	<LOD	<LOD	124.23
Butler 1	Niton XRF	MN10-118	ppm	149	149.1	916956	<LOD	<LOD	<LOD	<LOD	247	<LOD	1289.39	<LOD	<LOD	<LOD	72.62	<LOD	<LOD	63069.5	<LOD	<LOD	14946.63	<LOD	402	<LOD	17	<LOD	<LOD	<LOD	<LOD	6.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	2675.3	<LOD	<LOD	<LOD	53	121.29
Butler 1	Niton XRF	MN10-118	ppm	150	150.1	922996.63	<LOD	<LOD	<LOD	<LOD	217	<LOD	4300	<LOD	<LOD	<LOD	78.87	<LOD	<LOD	48454.81	<LOD	<LOD	20077.32	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	12.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	3290.01	<LOD	135.34	<LOD	<LOD	155.75
Butler 1	Niton XRF	MN10-118	ppm	151	151.1	908112.44	<LOD	<LOD	<LOD	<LOD	265	<LOD	2194.57	<LOD	<LOD	<LOD	112.74	<LOD	<LOD	66467.55	<LOD	<LOD	18637.25	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3619.92	<LOD	<LOD	<LOD	61	141.63
Butler 1	Niton XRF	MN10-118	ppm	152	152.1	919116.13	<LOD	<LOD	<LOD	<LOD	142	<LOD	3824.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61148.56	<LOD	<LOD	12436.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	2768.79	<LOD	<LOD	<LOD	<LOD	117.93
Butler 1	Niton XRF	MN10-118	ppm	153	153.1	918265.63	<LOD	<LOD	<LOD	<LOD	115	<LOD	2501.35	<LOD	<LOD	<LOD	132.81	<LOD	<LOD	51024.85	<LOD	<LOD	23818.65	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	14.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3902.68	<LOD	<LOD	<LOD	<LOD	167.79
Butler 1	Niton XRF	MN10-118	ppm	154	154.1	888014.81	<LOD	<LOD	<LOD	<LOD	237	<LOD	2692.62	<LOD	<LOD	<LOD	118.99	<LOD	<LOD	56770.71	<LOD	<LOD	46198.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	159	<LOD	<LOD	<LOD	5409.07	<LOD	<LOD	<LOD	<LOD	168.39
Butler 1	Niton XRF	MN10-118	ppm	155	155.1	900104.31	<LOD	<LOD	<LOD	<LOD	291	<LOD	1793.99	<LOD	<LOD	<LOD	90.9	<LOD	<LOD	58046.36	<LOD	<LOD	35919.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	3358.72	<LOD	<LOD	<LOD	<LOD	191.18
Butler 1	Niton XRF	MN10-118	ppm	156	156.1	934464.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2512.49	<LOD	<LOD	<LOD	110.76	<LOD	<LOD	49907.43	<LOD	<LOD	8982.62	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	7.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3670.55	<LOD	<LOD	<LOD	54	122.56
Butler 1	Niton XRF	MN10-118	ppm	157	157.1	928573.75	<LOD	<LOD	<LOD	<LOD	122	<LOD	1520.09	<LOD	<LOD	<LOD	94.57	<LOD	<LOD	58498.95	<LOD	<LOD	8157.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2588.04	<LOD	<LOD	<LOD	<LOD	105.43
Butler 1	Niton XRF	MN10-118	ppm	158	158.1	896248.31	<LOD	<LOD	<LOD	<LOD	258	<LOD	4139.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71567.62	<LOD	<LOD	22599.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	4555.12	<LOD	<LOD	<LOD	48	120.21
Butler 1	Niton XRF	MN10-118	ppm	159	159.1	902268.69	<LOD	<LOD	<LOD	<LOD	223	<LOD	2448.79	<LOD	<LOD	<LOD	88.69	<LOD	<LOD	81478.05	<LOD	<LOD	8994.71	<LOD	604	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	3698.34	<LOD	<LOD	<LOD	<LOD	111.36
Butler 1	Niton XRF	MN10-118	ppm	160	160.1	899915.31	<LOD	<LOD	<LOD	<LOD	195	<LOD	2907.56	<LOD	<LOD	<LOD	119.7	<LOD	<LOD	66767.7	<LOD	<LOD	23388.37	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	16.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	5956.65	<LOD	<LOD	<LOD	58	139.86
Butler 1	Niton XRF	MN10-118	ppm	161	161.1	911992.56	<LOD	<LOD	<LOD	<LOD	137	<LOD	1752.14	<LOD	<LOD	<LOD	121.23	<LOD	<LOD	65565.46	<LOD	<LOD	16930.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2418.76	<LOD	<LOD	<LOD	52	139.84
Butler 1	Niton XRF	MN10-118	ppm	162	162.1	923701.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	732.56	<LOD	<LOD	<LOD	106.35	<LOD	<LOD	74057.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1058.41	<LOD	119.46	<LOD	53	135.12
Butler 1	Niton XRF	MN10-118	ppm	163	163.1	874162.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55005.18	<LOD	<LOD	<LOD	583.42	<LOD	<LOD	60573.43	<LOD	<LOD	2988.18	<LOD	1218	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1847	<LOD	<LOD	<LOD	3142.44	<LOD	165.82	<LOD	94	70.78
Butler 1	Niton XRF	MN10-118	ppm	164	164.1	936056.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3306.58	<LOD	<LOD	<LOD	101.6	<LOD	<LOD	50986.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3137.45	<LOD	<LOD	<LOD	70	166.09
Butler 1	Niton XRF	MN10-118	ppm	165	165.1	891802.88	<LOD	<LOD	<LOD	<LOD	207	<LOD	1791.93	<LOD	<LOD	<LOD	206.71	<LOD	<LOD	80518.43	<LOD	<LOD	14858.9	<LOD	679	<LOD	19	<LOD	<LOD	<LOD	<LOD	9.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67	<LOD	<LOD	<LOD	9493	<LOD	<LOD	<LOD	160	170.31
Butler 1	Niton XRF	MN10-118	ppm	166	166.1	897698.44	<LOD	<LOD	<LOD	<LOD	210	63	16180.29	<LOD	<LOD	<LOD	120.89	<LOD	<LOD	42355.51	<LOD	<LOD	35439.5	<LOD	898	<LOD	51	<LOD	<LOD	<LOD	<LOD	27.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	<LOD	5637.51	<LOD	300.29	<LOD	59	677.19
Butler 1	Niton XRF	MN10-118	ppm	167	167.1	950216.19	<LOD	<LOD	<LOD	<LOD	150	23	1300.36	<LOD	<LOD	<LOD	136.62	<LOD	<LOD	30812.71	<LOD	<LOD	14227.1	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	17.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	2495.29	<LOD	207.31	<LOD	55	292.7
Butler 1	Niton XRF	MN10-118	ppm	168	168.1	934247.13	<LOD	<LOD	<LOD	<LOD	177	40	1674.69	<LOD	<LOD	<LOD	174.67	<LOD	<LOD	34499.93	<LOD	<LOD	25667.9	<LOD	<LOD	23	21	<LOD	<LOD	<LOD	<LOD	26.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	2569.5	<LOD	192.49	<LOD	74	327.2
Butler 1	Niton XRF	MN10-118	ppm	169	169.1	902067.13	<LOD	<LOD	<LOD	<LOD	354	<LOD	2664.87	<LOD	<LOD	<LOD	116.02	<LOD	<LOD	55246.71	<LOD	<LOD	32571.14	<LOD	461	18	23	<LOD	<LOD	<LOD	<LOD	25.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70	<LOD	<LOD	<LOD	5659.25	<LOD	258.66	<LOD	91	340.08
Butler 1	Niton XRF	MN10-118	ppm	170	170.1	958393.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2007.3	<LOD	<LOD	<LOD	87.57	<LOD	<LOD	37499.34	<LOD	<LOD	<LOD	<LOD	489	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1269.97	<LOD	<LOD	<LOD	50	103.79
Butler 1	Niton XRF	MN10-118	ppm	171	171.1	885410	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2189.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106816.45	<LOD	<LOD	<LOD	<LOD	1009	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4051.91	<LOD	<LOD	<LOD	109	304.46
Butler 1	Niton XRF	MN10-118	ppm	172	172.1	941419.69	<LOD	<LOD	<LOD	<LOD	160	<LOD	3039.02	<LOD	<LOD	<LOD	91.95	<LOD	<LOD	37938.38	<LOD	<LOD	12478.47	<LOD	307	20	29	<LOD	<LOD	<LOD	<LOD	10.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	3975.13	<LOD	<LOD	<LOD	73	297.76
Butler 1	Niton XRF	MN10-118	ppm	173	173.1	905622.38	<LOD	<LOD	<LOD	<LOD	605	<LOD	3485.43	<LOD	<LOD	<LOD	107.5	<LOD	<LOD	43706.03	<LOD	<LOD	38512.92	<LOD	403	50	29	<LOD	<LOD	<LOD	<LOD	33.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149	<LOD	<LOD	<LOD	6555.67	<LOD	309.09	<LOD	51	270.25
Butler 1	Niton XRF	MN10-118	ppm	174	174.1	935886.75	<LOD	<LOD	<LOD	<LOD	295	<LOD	3385.66	<LOD	<LOD	<LOD	108.23	<LOD	<LOD	35586.05	<LOD	<LOD	19252.11	<LOD	639	<LOD	15	<LOD	<LOD	<LOD	<LOD	14.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	4225.78	<LOD	185.53	<LOD	64	243.93
Butler 1	Niton XRF	MN10-118	ppm	175	175.1	942178.63	<LOD	<LOD	<LOD	<LOD	325	<LOD	3794.66	<LOD	<LOD	<LOD	191.74	<LOD	<LOD	29091.65	<LOD	<LOD	18304.02	<LOD	407	<LOD	19	<LOD	<LOD	<LOD	<LOD	10.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	5147.56	<LOD	179.28	<LOD	40	244.58
Butler 1	Niton XRF	MN10-118	ppm	176	176.1	933606.75	<LOD	<LOD	<LOD	<LOD	365	<LOD	4382.55	<LOD	<LOD	<LOD	163.94	<LOD	<LOD	33488.88	<LOD	<LOD	23072.99	<LOD	397	<LOD	16	<LOD	<LOD	<LOD	<LOD	16.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68	<LOD	<LOD	<LOD	3896.51	<LOD	258.69	<LOD	<LOD	250.49
Butler 1	Niton XRF	MN10-118	ppm	177	177.1	890383.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2506.07	<LOD	<LOD	<LOD	149.09	<LOD	<LOD	103511.66	<LOD	<LOD	<LOD	<LOD	763	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2135.52	<LOD	<LOD	<LOD	219	176.6
Butler 1	Niton XRF	MN10-118	ppm	178	178.1	862617.44	<LOD	<LOD	<LOD	<LOD	175	<LOD	5213.88	<LOD	<LOD	<LOD	<LOD	<LOD	195	106630.09	<LOD	<LOD	8529.88	<LOD	466	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.44	<LOD	12772	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2907.34	<LOD	<LOD	<LOD	95	192.68
Butler 1	Niton XRF	MN10-118	ppm	179	179.1	927935.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3757.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59197.81	<LOD	<LOD	6710.86	<LOD	320	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1517.37	<LOD	141.78	<LOD	67	134.66
Butler 1	Niton XRF	MN10-118	ppm	180	180.1	861763.69	<LOD	<LOD	<LOD	<LOD	434	<LOD	5290.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100597.38	<LOD	<LOD	23462.32	<LOD	955	<LOD	20	<LOD	<LOD	<LOD	<LOD	20.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	6459.99	<LOD	464.7	<LOD	55	252.04
Butler 1	Niton XRF	MN10-118	ppm	181	181.1	917270.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1263.41	<LOD	<LOD	<LOD	81.67	<LOD	<LOD	77356.84	<LOD	<LOD	2244.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1062.21	<LOD	<LOD	<LOD	76	226.45
Butler 1	Niton XRF	MN10-118	ppm	182	182.1	900925	<LOD	<LOD	<LOD	<LOD	214	<LOD	1943.6	<LOD	<LOD	<LOD	139.05	<LOD	<LOD	77516.84	<LOD	<LOD	15482.21	<LOD	346	<LOD	24	<LOD	<LOD	<LOD	<LOD	11.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2847.36	<LOD	<LOD	<LOD	79	309.08
Butler 1	Niton XRF	MN10-118	ppm	183	183.1	937341	<LOD	<LOD	<LOD	<LOD	306	<LOD	1305.7	<LOD	<LOD	<LOD	136.75	<LOD	<LOD	34677.77	<LOD	<LOD	23032.46	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	19.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	2401.9	<LOD	204.9	<LOD	55	363.85
Butler 1	Niton XRF	MN10-118	ppm	184	184.1	917862.38	<LOD	<LOD	<LOD	<LOD	560	<LOD	2568.69	<LOD	<LOD	<LOD	146.79	<LOD	<LOD	25490.63	<LOD	<LOD	49275.9	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	<LOD	29.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	2802.42	<LOD	320.76	<LOD	48	720.24
Butler 1	Niton XRF	MN10-118	ppm	185	185.1	940772.5	<LOD	<LOD	<LOD	<LOD	304	<LOD	1267.54	<LOD	<LOD	<LOD	153.4	<LOD	<LOD	34852.11	<LOD	<LOD	20815.86	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	13.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	1257.98	<LOD	163.2	<LOD	<LOD	267.74
Butler 1	Niton XRF	MN10-118	ppm	186	186.1	937811	<LOD	<LOD	<LOD	<LOD	112	<LOD	1444.07	<LOD	<LOD	<LOD	65.85	<LOD	<LOD	44912.57	<LOD	<LOD	14077.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	856.5	<LOD	103.32	<LOD	<LOD	176.43
Butler 1	Niton XRF	MN10-118	ppm	187	187.1	937620.31	<LOD	<LOD	<LOD	<LOD	137	<LOD	2277.51	<LOD	<LOD	<LOD	106.97	<LOD	<LOD	46866.59	<LOD	<LOD	11451.95	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	6.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	897.21	<LOD	109.62	<LOD	98	169.95
Butler 1	Niton XRF	MN10-118	ppm	188	188.1	901106.06	<LOD	<LOD	<LOD	<LOD	207	<LOD	6590.3	<LOD	<LOD	<LOD	189.54	<LOD	<LOD	80920.44	<LOD	<LOD	7608.02	<LOD	340	<LOD	16	<LOD	<LOD	<LOD	<LOD	5.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2553.7	<LOD	184.15	<LOD	78	151.02
Butler 1	Niton XRF	MN10-118	ppm	189	189.1	898584.69	<LOD	<LOD	<LOD	<LOD	280	<LOD	3589.2	<LOD	<LOD	<LOD	158.9	<LOD	<LOD	79264.89	<LOD	<LOD	14752.72	<LOD	611	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	2174.07	<LOD	190.73	<LOD	75	209.64
Butler 1	Niton XRF	MN10-118	ppm	190	190.1	834087.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7483.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103227.67	<LOD	<LOD	26954.02	<LOD	846	<LOD	15	<LOD	<LOD	<LOD	<LOD	37.76	<LOD	21354	<LOD	<LOD	<LOD	<LOD	<LOD	87	<LOD	<LOD	<LOD	5489.04	<LOD	<LOD	<LOD	103	147.61
Butler 1	Niton XRF	MN10-118	ppm	191	191.1	524053.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4176.19	<LOD	<LOD	<LOD	<LOD	<LOD	2440	318022.66	<LOD	<LOD	<LOD	<LOD	1851	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139445	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8805.84	<LOD	544.11	<LOD	331	215.7
Butler 1	Niton XRF	MN10-118	ppm	192	192.1	770157.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1254.23	<LOD	<LOD	<LOD	<LOD	<LOD	176	221031.02	<LOD	<LOD	<LOD	<LOD	2364	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4149.07	<LOD	<LOD	<LOD	305	242.46
Butler 1	Niton XRF	MN10-118	ppm	193	193.1	843720.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2129.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143936.7	<LOD	<LOD	6548.89	<LOD	799	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	2478.18	<LOD	<LOD	<LOD	124	110.47
Butler 1	Niton XRF	MN10-118	ppm	194	194.1	906459.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2695.57	<LOD	<LOD	<LOD	163.08	<LOD	<LOD	86215.73	<LOD	<LOD	<LOD	<LOD	364	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82	<LOD	<LOD	<LOD	3485.67	<LOD	<LOD	<LOD	69	310.77
Butler 1	Niton XRF	MN10-118	ppm	195	195.1	895875.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6950.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87006.97	<LOD	<LOD	6405.76	<LOD	463	<LOD	24	<LOD	<LOD	<LOD	<LOD	10.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	320	<LOD	<LOD	<LOD	2478.67	<LOD	<LOD	<LOD	61	256.08
Butler 1	Niton XRF	MN10-118	ppm	196	196.1	928345.06	<LOD	<LOD	<LOD	<LOD	431	<LOD	9117.78	<LOD	<LOD	<LOD	91.55	<LOD	<LOD	48010.78	<LOD	<LOD	10525.48	<LOD	401	<LOD	19	<LOD	<LOD	<LOD	<LOD	13.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	448	<LOD	<LOD	<LOD	1924.21	<LOD	252.71	<LOD	52	316.76
Butler 1	Niton XRF	MN10-118	ppm	197	197.1	880165.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2387.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114526.06	<LOD	<LOD	<LOD	<LOD	650	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1935.4	<LOD	<LOD	<LOD	75	157.16
Butler 1	Niton XRF	MN10-118	ppm	198	198.1	904448.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1717.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90716.27	<LOD	<LOD	<LOD	<LOD	805	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1615.67	<LOD	<LOD	<LOD	<LOD	144.94
Butler 1	Niton XRF	MN10-118	ppm	199	199.1	843704.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1915.98	<LOD	<LOD	<LOD	302.93	<LOD	<LOD	149437.98	<LOD	<LOD	<LOD	<LOD	960	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3206.41	<LOD	<LOD	<LOD	84	164.53
Butler 1	Niton XRF	MN10-118	ppm	200	200.1	811824.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1533.96	<LOD	<LOD	<LOD	179.73	<LOD	<LOD	182646.63	<LOD	<LOD	<LOD	<LOD	609	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2662.19	<LOD	234.54	<LOD	124	77.82
Butler 1	Niton XRF	MN10-118	ppm	201	201.1	935222.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	482.04	<LOD	<LOD	<LOD	175.42	<LOD	<LOD	63147.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	545.99	<LOD	<LOD	<LOD	<LOD	122.31
Butler 1	Niton XRF	MN10-118	ppm	202	202.1	932724.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	914.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64883.5	<LOD	<LOD	<LOD	<LOD	353	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	678.75	<LOD	<LOD	<LOD	61	148.29
Butler 1	Niton XRF	MN10-118	ppm	203	203.1	949083.31	<LOD	<LOD	<LOD	<LOD	115	<LOD	489.72	<LOD	<LOD	<LOD	79.23	<LOD	<LOD	43774.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	381.97	<LOD	<LOD	<LOD	50	101.27
Butler 1	Niton XRF	MN10-118	ppm	204	204.1	935957.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4778.07	<LOD	<LOD	<LOD	<LOD	<LOD	1328	47740.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9226	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	513.53	<LOD	104.24	<LOD	104	113.78
Butler 1	Niton XRF	MN10-118	ppm	205	205.1	719393	<LOD	<LOD	<LOD	<LOD	175	<LOD	3474	<LOD	<LOD	<LOD	191.68	<LOD	1108	225431.27	<LOD	<LOD	<LOD	<LOD	1943	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	43482	<LOD	<LOD	23	<LOD	<LOD	70	<LOD	<LOD	<LOD	3380.34	<LOD	<LOD	<LOD	1007	179.42
Butler 1	Niton XRF	MN10-118	ppm	206	206.1	175186	<LOD	<LOD	50	<LOD	<LOD	<LOD	2209.85	<LOD	<LOD	<LOD	<LOD	<LOD	2514	479965.47	<LOD	<LOD	<LOD	<LOD	1414	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	336628	<LOD	<LOD	99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	504	<LOD
Butler 1	Niton XRF	MN10-118	ppm	207	207.1	852669.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17211.3	<LOD	<LOD	<LOD	124.66	<LOD	1566	123209.41	<LOD	<LOD	<LOD	<LOD	824	24	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	2651.28	<LOD	234.75	<LOD	1118	270.35
Butler 1	Niton XRF	MN10-118	ppm	208	208.1	770888	<LOD	<LOD	<LOD	<LOD	303	<LOD	3202.83	<LOD	<LOD	<LOD	<LOD	<LOD	390	182976.06	<LOD	<LOD	19915.57	<LOD	1288	<LOD	25	<LOD	<LOD	<LOD	<LOD	14.56	<LOD	17004	<LOD	<LOD	<LOD	<LOD	<LOD	151	<LOD	<LOD	<LOD	2987.9	<LOD	<LOD	<LOD	91	537.06
Butler 1	Niton XRF	MN10-118	ppm	209	209.1	932676.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	522.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65648.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	553.31	<LOD	<LOD	<LOD	48	113.8
Butler 1	Niton XRF	MN10-118	ppm	210	210.1	889954.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1439.03	<LOD	<LOD	<LOD	117.18	<LOD	1024	94071.92	<LOD	<LOD	<LOD	<LOD	1115	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10309	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1659.73	<LOD	<LOD	<LOD	109	142.93
Butler 1	Niton XRF	MN10-118	ppm	211	211.1	621064.44	<LOD	<LOD	35	<LOD	<LOD	45	2254.59	<LOD	<LOD	<LOD	220.97	<LOD	641	261987.75	<LOD	<LOD	<LOD	<LOD	2892	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107636	<LOD	<LOD	24	<LOD	<LOD	192	<LOD	<LOD	<LOD	2294.87	<LOD	<LOD	<LOD	611	71.56
Butler 1	Niton XRF	MN10-118	ppm	212	212.1	879091.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1259.15	<LOD	<LOD	<LOD	103.92	<LOD	9181	83442.8	<LOD	<LOD	10181.56	<LOD	1210	<LOD	18	<LOD	<LOD	<LOD	<LOD	8.06	<LOD	11965	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	2266.54	<LOD	233.62	<LOD	541	178.78
Butler 1	Niton XRF	MN10-118	ppm	213	213.1	936212.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	999.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60609.91	<LOD	<LOD	<LOD	<LOD	714	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1078.65	<LOD	<LOD	<LOD	143	94.96
Butler 1	Niton XRF	MN10-118	ppm	214	214.1	773758.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218936.58	<LOD	<LOD	<LOD	<LOD	1585	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4455.27	<LOD	<LOD	<LOD	393	122.45
Butler 1	Niton XRF	MN10-118	ppm	215	215.1	821948.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8264.94	<LOD	<LOD	<LOD	164.56	<LOD	4687	129737.57	<LOD	<LOD	22028.56	<LOD	917	<LOD	26	<LOD	<LOD	<LOD	<LOD	33.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150	<LOD	<LOD	<LOD	4105.52	<LOD	<LOD	<LOD	304	223.28
Butler 1	Niton XRF	MN10-118	ppm	216	216.1	647422.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11975.1	<LOD	<LOD	<LOD	<LOD	<LOD	619	183763.22	<LOD	<LOD	<LOD	<LOD	1390	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146631	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7146.62	<LOD	<LOD	<LOD	306	678.85
Butler 1	Niton XRF	MN10-118	ppm	217	217.1	727819.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5093.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	193778.28	<LOD	<LOD	<LOD	<LOD	795	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65163	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6467.91	<LOD	<LOD	<LOD	312	371.13
Butler 1	Niton XRF	MN10-118	ppm	218	218.1	838791.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14430.48	<LOD	<LOD	<LOD	<LOD	<LOD	132	132539.38	<LOD	<LOD	<LOD	<LOD	<LOD	28	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4299.38	<LOD	<LOD	<LOD	473	268.78

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 1	Niton XRF	MN10-118	ppm	219	219.1	826407.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6463.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	158238.48	<LOD	<LOD	<LOD	<LOD	618	<LOD	21	<LOD	<LOD	<LOD	<LOD	4.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6827.97	<LOD	<LOD	<LOD	553	502.77
Butler 1	Niton XRF	MN10-118	ppm	220	220.1	602386.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53775.57	<LOD	<LOD	<LOD	<LOD	<LOD	1175	224187.13	<LOD	<LOD	<LOD	<LOD	1459	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112869	<LOD	<LOD	41	<LOD	<LOD	106	<LOD	<LOD	<LOD	3212.51	<LOD	<LOD	<LOD	362	221.45
Butler 1	Niton XRF	MN10-118	ppm	221	221.1	961434.88	<LOD	<LOD	<LOD	<LOD	338	<LOD	1016.71	<LOD	<LOD	<LOD	99.35	<LOD	<LOD	23074.43	<LOD	<LOD	12627.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	951.95	<LOD	170.18	<LOD	81	138.19
Butler 1	Niton XRF	MN10-118	ppm	222	222.1	756365.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1049.68	<LOD	<LOD	<LOD	<LOD	<LOD	953	234072.64	<LOD	<LOD	<LOD	<LOD	1442	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5167.83	<LOD	<LOD	<LOD	437	458.19
Butler 1	Niton XRF	MN10-118	ppm	223	223.1	767353.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5438.93	<LOD	<LOD	<LOD	236.58	<LOD	8073	198545.53	<LOD	<LOD	<LOD	<LOD	1378	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14401	<LOD	<LOD	<LOD	<LOD	<LOD	170	<LOD	<LOD	<LOD	3332.41	<LOD	268.6	<LOD	588	84.84
Butler 1	Niton XRF	MN10-118	ppm	224	224.1	657741.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2112.28	<LOD	<LOD	<LOD	<LOD	<LOD	1241	222365.03	<LOD	<LOD	<LOD	<LOD	985	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110528	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4138.48	<LOD	<LOD	<LOD	531	226.41
Butler 1	Niton XRF	MN10-118	ppm	225	225.1	871662.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4780.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115166.14	<LOD	<LOD	<LOD	<LOD	714	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6911.22	<LOD	<LOD	<LOD	383	315.95
Butler 1	Niton XRF	MN10-118	ppm	226	226.1	898809.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2986.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87360.79	<LOD	<LOD	<LOD	<LOD	718	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3792.46	<LOD	<LOD	<LOD	457	165.1
Butler 1	Niton XRF	MN10-118	ppm	227	227.1	898398.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4201.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77197.14	<LOD	<LOD	<LOD	<LOD	600	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15113	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3732.77	<LOD	<LOD	<LOD	379	220.21
Butler 1	Niton XRF	MN10-118	ppm	228	228.1	861807.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2784	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119092.95	<LOD	<LOD	<LOD	<LOD	631	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5768.45	<LOD	<LOD	<LOD	257	324.41
Butler 1	Niton XRF	MN10-118	ppm	229	229.1	819218.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2373.61	<LOD	<LOD	<LOD	<LOD	<LOD	270	167076.59	<LOD	<LOD	<LOD	<LOD	1546	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8310.72	<LOD	<LOD	<LOD	601	529.59
Butler 1	Niton XRF	MN10-118	ppm	230	230.1	694244.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5387.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131383.84	<LOD	<LOD	15403.78	<LOD	<LOD	32	44	<LOD	<LOD	65	<LOD	13.55	<LOD	145352	<LOD	<LOD	37	<LOD	<LOD	131	<LOD	<LOD	<LOD	6493.68	<LOD	<LOD	<LOD	252	391.23
Butler 1	Niton XRF	MN10-118	ppm	231	231.1	835501.13	16	<LOD	<LOD	<LOD	<LOD	<LOD	729.65	<LOD	<LOD	<LOD	91.39	<LOD	7024	50684.43	<LOD	<LOD	6403.45	<LOD	<LOD	<LOD	18	<LOD	<LOD	787	<LOD	5.54	<LOD	91525	<LOD	<LOD	<LOD	<LOD	53	61	<LOD	<LOD	<LOD	4236.62	<LOD	<LOD	<LOD	2480	240.18
Butler 1	Niton XRF	MN10-118	ppm	232	232.1	654779.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8581.46	<LOD	<LOD	<LOD	<LOD	<LOD	5951	125508.98	<LOD	<LOD	24290.03	<LOD	<LOD	<LOD	31	<LOD	<LOD	119	<LOD	21.18	<LOD	155780	<LOD	<LOD	<LOD	<LOD	79	204	<LOD	<LOD	<LOD	6235.31	<LOD	<LOD	<LOD	17073	371.71
Butler 1	Niton XRF	MN10-118	ppm	233	233.1	756119.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2899.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	175590.36	<LOD	<LOD	<LOD	<LOD	1563	<LOD	46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53266	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8240.89	<LOD	<LOD	<LOD	742	492.53
Butler 1	Niton XRF	MN10-118	ppm	234	234.1	775811.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24440.85	<LOD	<LOD	<LOD	<LOD	<LOD	590	101356.35	<LOD	<LOD	5490.75	<LOD	482	26	40	<LOD	<LOD	120	<LOD	12.38	<LOD	83988	<LOD	<LOD	<LOD	<LOD	<LOD	716	<LOD	<LOD	<LOD	6222.93	<LOD	<LOD	<LOD	316	373.22
Butler 1	Niton XRF	MN10-118	ppm	235	235.1	645057.69	<LOD	<LOD	<LOD	<LOD	417	<LOD	7188.09	<LOD	<LOD	<LOD	<LOD	<LOD	924	187894.95	<LOD	<LOD	29878.62	<LOD	872	30	34	<LOD	<LOD	150	<LOD	27.41	<LOD	109706	<LOD	<LOD	66	<LOD	85	260	<LOD	<LOD	<LOD	6921.37	<LOD	<LOD	<LOD	9692	505.27
Butler 1	Niton XRF	MN10-118	ppm	236	236.1	427028.13	<LOD	<LOD	114	<LOD	<LOD	<LOD	2281.48	<LOD	<LOD	<LOD	<LOD	<LOD	242	272922.03	<LOD	<LOD	14115.64	<LOD	<LOD	<LOD	30	<LOD	<LOD	78	<LOD	18.82	<LOD	247914	<LOD	<LOD	100	<LOD	<LOD	115	<LOD	<LOD	<LOD	2625.01	<LOD	<LOD	<LOD	32068	111.72
Butler 1	Niton XRF	MN10-118	ppm	237	237.1	921686.19	<LOD	<LOD	<LOD	<LOD	172	<LOD	4277.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49907.11	<LOD	<LOD	17546.11	<LOD	543	<LOD	17	<LOD	<LOD	42	<LOD	20.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	4729.37	<LOD	<LOD	<LOD	487	333.7
Butler 1	Niton XRF	MN10-118	ppm	238	238.1	933623.38	<LOD	<LOD	<LOD	<LOD	150	<LOD	2817.57	<LOD	<LOD	<LOD	151.09	<LOD	<LOD	47414.87	<LOD	<LOD	12728.5	<LOD	690	<LOD	21	<LOD	<LOD	<LOD	<LOD	16.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	<LOD	1560.67	<LOD	169.05	<LOD	258	233.27
Butler 1	Niton XRF	MN10-118	ppm	239	239.1	884921.63	<LOD	<LOD	<LOD	<LOD	125	<LOD	20973.67	<LOD	<LOD	<LOD	<LOD	<LOD	111	69805.3	<LOD	<LOD	9763.22	<LOD	749	21	24	<LOD	<LOD	60	<LOD	13.58	<LOD	7937	<LOD	<LOD	<LOD	<LOD	<LOD	149	<LOD	<LOD	<LOD	4232.97	<LOD	<LOD	<LOD	679	241.03
Butler 1	Niton XRF	MN10-118	ppm	240	240.1	886129.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20106.54	<LOD	<LOD	<LOD	328.84	<LOD	<LOD	83940.13	<LOD	<LOD	3228.7	<LOD	676	<LOD	13	170	<LOD	<LOD	<LOD	8.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	379	<LOD	<LOD	<LOD	4334.1	<LOD	322.23	<LOD	278	45.79
Butler 1	Niton XRF	MN10-118	ppm	241	241.1	957684.38	<LOD	<LOD	<LOD	<LOD	408	<LOD	3685.93	<LOD	<LOD	<LOD	167.52	<LOD	<LOD	13659.85	<LOD	<LOD	20627.57	<LOD	313	<LOD	<LOD	<LOD	<LOD	48	<LOD	18.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	2654.04	<LOD	270.37	<LOD	89	127.92
Butler 1	Niton XRF	MN10-118	ppm	242	242.1	867393.13	37	<LOD	<LOD	<LOD	<LOD	<LOD	21059.92	<LOD	<LOD	<LOD	380	<LOD	13731	58800.84	<LOD	<LOD	4826.6	<LOD	1894	<LOD	14	<LOD	<LOD	2801	<LOD	8.21	<LOD	20711	<LOD	<LOD	24	<LOD	92	372	<LOD	<LOD	<LOD	3256.03	<LOD	200.58	<LOD	4146	214.8
Butler 1	Niton XRF	MN10-118	ppm	243	243.1	876951	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5806.86	<LOD	<LOD	<LOD	105.87	<LOD	121	63067.48	<LOD	<LOD	3013.6	<LOD	1314	<LOD	36	<LOD	<LOD	36	<LOD	4.12	<LOD	42644	<LOD	<LOD	<LOD	<LOD	<LOD	109	<LOD	<LOD	<LOD	5786.35	<LOD	<LOD	<LOD	408	345.73
Butler 1	Niton XRF	MN10-118	ppm	244	244.1	847144.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28331.67	<LOD	<LOD	<LOD	<LOD	<LOD	314	96838.78	<LOD	<LOD	<LOD	<LOD	3655	<LOD	38	<LOD	<LOD	160	<LOD	<LOD	<LOD	15008	<LOD	<LOD	<LOD	<LOD	<LOD	250	<LOD	<LOD	<LOD	5722.2	<LOD	<LOD	<LOD	332	339.81
Butler 1	Niton XRF	MN10-118	ppm	245	245.1	885878.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9337.61	<LOD	<LOD	<LOD	<LOD	<LOD	294	64167.68	<LOD	<LOD	<LOD	<LOD	409	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39017	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	596.05	<LOD	<LOD	<LOD	218	42.89
Butler 1	Niton XRF	MN10-118	ppm	246	246.1	929495.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16479.21	<LOD	<LOD	<LOD	<LOD	<LOD	124	42989.98	<LOD	<LOD	<LOD	<LOD	765	<LOD	19	<LOD	<LOD	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	263	<LOD	<LOD	<LOD	4056.64	<LOD	150.4	<LOD	232	244.53
Butler 1	Niton XRF	MN10-118	ppm	247	247.1	863322.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3376.97	<LOD	<LOD	<LOD	133.28	<LOD	202	126562.31	<LOD	<LOD	<LOD	<LOD	819	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4740.91	<LOD	<LOD	<LOD	410	226.76
Butler 1	Niton XRF	MN10-118	ppm	248	248.1	234574.89	20	<LOD	<LOD	<LOD	<LOD	<LOD	54976.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	364544.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	1074	<LOD	<LOD	<LOD	342417	<LOD	<LOD	216	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	729.21	<LOD	<LOD	<LOD	176	50.53
Butler 1	Niton XRF	MN10-118	ppm	249	249.1	866232	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10808.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92964.62	<LOD	<LOD	16536.94	<LOD	1173	<LOD	37	<LOD	<LOD	<LOD	<LOD	47.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	136	<LOD	<LOD	<LOD	10567.21	<LOD	<LOD	<LOD	437	596.38
Butler 1	Niton XRF	MN10-118	ppm	250	250.1	893051.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1782.75	<LOD	<LOD	<LOD	62.66	<LOD	256	77080.88	<LOD	<LOD	7338.78	<LOD	1235	<LOD	20	<LOD	<LOD	71	<LOD	24.34	<LOD	16420	<LOD	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	<LOD	1694.23	<LOD	<LOD	<LOD	470	309.31
Butler 1	Niton XRF	MN10-118	ppm	251	251.1	812397.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6357.49	<LOD	<LOD	<LOD	<LOD	<LOD	250	145445.84	<LOD	<LOD	<LOD	<LOD	3321	<LOD	24	<LOD	<LOD	46	<LOD	<LOD	<LOD	25462	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5641.34	<LOD	<LOD	<LOD	623	297.69
Butler 1	Niton XRF	MN10-118	ppm	252	252.1	890426.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15971.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82572.59	<LOD	<LOD	3356.01	<LOD	1855	<LOD	20	<LOD	<LOD	41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	<LOD	<LOD	4710.24	<LOD	<LOD	<LOD	351	276.38
Butler 1	Niton XRF	MN10-118	ppm	253	253.1	867177.13	<LOD	<LOD	<LOD	<LOD	123	<LOD	2284.34	<LOD	<LOD	<LOD	<LOD	<LOD	319	80951.24	<LOD	<LOD	26926.81	<LOD	390	<LOD	42	<LOD	<LOD	60	<LOD	18.4	<LOD	18394	<LOD	<LOD	<LOD	<LOD	<LOD	226	<LOD	<LOD	<LOD	1754.15	<LOD	<LOD	<LOD	127	539.12
Butler 1	Niton XRF	MN10-118	ppm	254	254.1	831332.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	699.89	<LOD	<LOD	<LOD	154.48	<LOD	<LOD	160472.89	<LOD	<LOD	<LOD	<LOD	1414	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4083.45	<LOD	240.55	<LOD	444	305.48
Butler 1	Niton XRF	MN10-118	ppm	255	255.1	907990.13	<LOD	<LOD	<LOD	<LOD	470	<LOD	9635.98	<LOD	<LOD	<LOD	167.42	<LOD	138	51701.2	<LOD	<LOD	20765.47	<LOD	1091	<LOD	32	<LOD	<LOD	68	<LOD	15.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	396	<LOD	<LOD	<LOD	1793.13	<LOD	262.96	<LOD	57	428.16
Butler 1	Niton XRF	MN10-118	ppm	256	256.1	678056.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6748.12	<LOD	<LOD	1227	<LOD	<LOD	2800	219607.06	<LOD	<LOD	<LOD	<LOD	1975	<LOD	18	<LOD	<LOD	44	<LOD	<LOD	<LOD	81926	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5280.26	<LOD	<LOD	<LOD	1779	315.17
Butler 1	Niton XRF	MN10-118	ppm	257	257.1	801399.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2400.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	188821.97	<LOD	<LOD	<LOD	<LOD	1858	<LOD	26	<LOD	<LOD	<LOD	<LOD	5.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4261.8	<LOD	<LOD	<LOD	664	360.96
Butler 1	Niton XRF	MN10-118	ppm	258	258.1	895615.56	<LOD	<LOD	<LOD	<LOD	365	<LOD	18125.05	<LOD	<LOD	<LOD	70.06	<LOD	145	49674.37	<LOD	<LOD	14155	<LOD	565	<LOD	22	<LOD	<LOD	<LOD	<LOD	18.21	<LOD	19106	<LOD	<LOD	<LOD	<LOD	<LOD	218	<LOD	<LOD	<LOD	1410.77	<LOD	122.85	<LOD	<LOD	317.61
Butler 1	Niton XRF	MN10-118	ppm	259	259.1	806660.69	<LOD	<LOD	<LOD	<LOD	316	<LOD	1676.16	<LOD	<LOD	<LOD	<LOD	<LOD	174	175081.98	<LOD	<LOD	10286.44	<LOD	1131	<LOD	<LOD	<LOD	<LOD	44	<LOD	17.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99	74	<LOD	<LOD	<LOD	3378.83	<LOD	<LOD	<LOD	405	341.94
Butler 1	Niton XRF	MN10-118	ppm	260	260.1	921062.69	<LOD	<LOD	<LOD	<LOD	256	<LOD	10100.25	<LOD	<LOD	<LOD	75.88	<LOD	<LOD	46521.45	<LOD	<LOD	15254.97	<LOD	1015	<LOD	20	<LOD	<LOD	30	<LOD	8.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	541	<LOD	<LOD	<LOD	4547.04	<LOD	<LOD	<LOD	143	272.57
Butler 1	Niton XRF	MN10-118	ppm	261	261.1	873231.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54921.79	<LOD	<LOD	<LOD	141.62	<LOD	<LOD	60719.28	<LOD	<LOD	6801.13	<LOD	1128	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	612	<LOD	<LOD	<LOD	1873.08	<LOD	205.74	<LOD	189	33.54
Butler 1	Niton XRF	MN10-118	ppm	262	262.1	960698.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1104.11	<LOD	<LOD	<LOD	76.73	<LOD	<LOD	32712.16	<LOD	<LOD	4336.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	5.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	586.74	<LOD	112.39	<LOD	100	109.91
Butler 1	Niton XRF	MN10-118	ppm	263	263.1	924033.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2385.21	<LOD	<LOD	<LOD	130.78	<LOD	<LOD	60063.87	<LOD	<LOD	9836.1	<LOD	751	<LOD	23	<LOD	<LOD	<LOD	<LOD	11.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87	<LOD	<LOD	<LOD	2196.41	<LOD	<LOD	<LOD	95	250.68
Butler 1	Niton XRF	MN10-118	ppm	264	264.1	907327.88	<LOD	<LOD	<LOD	<LOD	253	<LOD	5755.6	<LOD	<LOD	<LOD	216.86	<LOD	<LOD	41586.59	<LOD	<LOD	34194.58	<LOD	563	<LOD	16	<LOD	<LOD	<LOD	<LOD	29.1	<LOD	6174	<LOD	<LOD	<LOD	<LOD	<LOD	254	<LOD	<LOD	<LOD	2957.49	<LOD	172.37	<LOD	154	292.84
Butler 1	Niton XRF	MN10-118	ppm	265	265.1	919974.31	<LOD	<LOD	<LOD	<LOD	469	<LOD	8764.17	<LOD	<LOD	<LOD	86.43	<LOD	<LOD	57136.17	<LOD	<LOD	9881.19	<LOD	660	<LOD	26	<LOD	<LOD	<LOD	<LOD	12.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	516	<LOD	<LOD	<LOD	1757.31	<LOD	250.72	<LOD	109	342.11
Butler 1	Niton XRF	MN10-118	ppm	266	266.1	909693.31	<LOD	<LOD	<LOD	<LOD	463	<LOD	10299.27	<LOD	<LOD	<LOD	102.57	<LOD	<LOD	52119.13	<LOD	<LOD	20961.95	<LOD	3237	<LOD	22	<LOD	<LOD	30	<LOD	20.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	528	<LOD	<LOD	<LOD	1829.31	<LOD	170.32	<LOD	153	343.93
Butler 1	Niton XRF	MN10-118	ppm	267	267.1	885278	<LOD	<LOD	<LOD	<LOD	299	<LOD	33850.97	<LOD	<LOD	<LOD	88.66	<LOD	<LOD	53800.39	<LOD	<LOD	15701.92	<LOD	1045	<LOD	16	<LOD	<LOD	<LOD	<LOD	11.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1320	<LOD	<LOD	<LOD	2277.86	<LOD	269.94	<LOD	98	188.29
Butler 1	Niton XRF	MN10-118	ppm	268	268.1	901259.38	<LOD	<LOD	<LOD	<LOD	337	<LOD	16540.31	<LOD	<LOD	<LOD	98.1	<LOD	<LOD	56112.52	<LOD	<LOD	17507.9	<LOD	3554	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1155	<LOD	<LOD	<LOD	2846.29	<LOD	262.45	<LOD	110	178.74
Butler 1	Niton XRF	MN10-118	ppm	269	269.1	927186.44	<LOD	<LOD	<LOD	<LOD	463	<LOD	7065.89	<LOD	<LOD	<LOD	65.56	<LOD	<LOD	45478.77	<LOD	<LOD	14303.22	<LOD	959	<LOD	28	<LOD	<LOD	<LOD	<LOD	13.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	676	<LOD	<LOD	<LOD	1614.51	<LOD	189.96	<LOD	1580	341.54
Butler 1	Niton XRF	MN10-118	ppm	270	270.1	927471.25	<LOD	<LOD	<LOD	<LOD	471	<LOD	5832.6	<LOD	<LOD	<LOD	121.37	<LOD	<LOD	43851.18	<LOD	<LOD	18682.67	<LOD	736	<LOD	30	<LOD	<LOD	<LOD	<LOD	13.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	473	<LOD	<LOD	<LOD	1643.2	<LOD	231.96	<LOD	100	327.5
Butler 1	Niton XRF	MN10-118	ppm	271	271.1	939852.88	<LOD	<LOD	<LOD	<LOD	336	<LOD	8313.15	<LOD	<LOD	<LOD	95.71	<LOD	<LOD	33988.91	<LOD	<LOD	13929.6	<LOD	677	<LOD	22	<LOD	<LOD	<LOD	<LOD	10.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	612	<LOD	<LOD	<LOD	1507.79	<LOD	244.72	<LOD	46	334.2
Butler 1	Niton XRF	MN10-118	ppm	272	272.1	976026.94	<LOD	<LOD	<LOD	<LOD	296	<LOD	4154	<LOD	<LOD	<LOD	148.8	<LOD	<LOD	8062.94	<LOD	<LOD	7785.47	<LOD	423	<LOD	31	<LOD	<LOD	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	470	<LOD	<LOD	<LOD	1926.65	<LOD	170.99	<LOD	37	420.57
Butler 1	Niton XRF	MN10-118	ppm	273	273.1	933592.75	<LOD	<LOD	<LOD	<LOD	381	<LOD	8693.23	<LOD	<LOD	<LOD	120.18	<LOD	<LOD	33924.9	<LOD	<LOD	19471.03	<LOD	653	<LOD	28	<LOD	<LOD	<LOD	<LOD	11.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	530	<LOD	<LOD	<LOD	1855.49	<LOD	112.76	<LOD	233	351.87
Butler 1	Niton XRF	MN10-118	ppm	274	274.1	921455.25	<LOD	<LOD	<LOD	<LOD	571	<LOD	10997.42	<LOD	<LOD	<LOD	123.45	<LOD	<LOD	42534.09	<LOD	<LOD	20661.7	<LOD	714	<LOD	25	<LOD	<LOD	<LOD	<LOD	18.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	515	<LOD	<LOD	<LOD	1727.81	<LOD	120.27	<LOD	178	308.23
Butler 1	Niton XRF	MN10-118	ppm	275	275.1	881364.69	<LOD	<LOD	<LOD	<LOD	361	<LOD	13103.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72203.76	<LOD	<LOD	28730.81	<LOD	1349	<LOD	27	<LOD	<LOD	<LOD	<LOD	23.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	502	<LOD	<LOD	<LOD	1482.76	<LOD	215.34	<LOD	202	345.54
Butler 1	Niton XRF	MN10-118	ppm	276	276.1	933735.25	<LOD	<LOD	<LOD	<LOD	224	<LOD	12040.75	<LOD	<LOD	<LOD	84.19	<LOD	<LOD	35895.25	<LOD	<LOD	14304.45	<LOD	947	<LOD	28	<LOD	<LOD	36	<LOD	16.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	609	<LOD	<LOD	<LOD	1545.63	<LOD	102.34	<LOD	107	311.86
Butler 1	Niton XRF	MN10-118	ppm	277	277.1	959578.56	<LOD	<LOD	<LOD	<LOD	326	24	4348.28	<LOD	<LOD	<LOD	155.12	<LOD	<LOD	20630.75	<LOD	<LOD	11802.09	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	10.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	431	<LOD	<LOD	<LOD	1766.65	<LOD	183.61	<LOD	95	411.21
Butler 1	Niton XRF	MN10-118	ppm	278	278.1	919930.81	<LOD	<LOD	<LOD	<LOD	273	<LOD	16907.5	<LOD	<LOD	<LOD	104.85	<LOD	<LOD	41079.32	<LOD	<LOD	18652.72	<LOD	653	<LOD	20	<LOD	<LOD	<LOD	<LOD	21.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	482	<LOD	<LOD	<LOD	1342.43	<LOD	134	<LOD	117	260.91
Butler 1	Niton XRF	MN10-118	ppm	279	279.1	909972.56	<LOD	<LOD	<LOD	<LOD	500	<LOD	9550.21	<LOD	<LOD	<LOD	90.97	<LOD	<LOD	55168.85	<LOD	<LOD	21060.99	<LOD	877	<LOD	21	<LOD	<LOD	<LOD	<LOD	19.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	631	<LOD	<LOD	<LOD	1469.19	<LOD	190.87	<LOD	111	322.54
Butler 1	Niton XRF	MN10-118	ppm	280	280.1	904238	<LOD	<LOD	<LOD	<LOD	545	<LOD	6852.74	<LOD	<LOD	<LOD	85.96	<LOD	<LOD	58096.84	<LOD	<LOD	26395.59	<LOD	907	<LOD	16	<LOD	<LOD	<LOD	<LOD	22.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	525	<LOD	<LOD	<LOD	1654.26	<LOD	150.1	<LOD	155	324.07
Butler 1	Niton XRF	MN10-118	ppm	281	281.1	932543.56	<LOD	<LOD	<LOD	<LOD	387	<LOD	6898.03	<LOD	<LOD	<LOD	110.85	<LOD	<LOD	39481.57	<LOD	<LOD	16748.94	<LOD	1123	<LOD	20	<LOD	<LOD	<LOD	<LOD	12.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	504	<LOD	<LOD	<LOD	1551.58	<LOD	149.63	<LOD	120	322.25
Butler 1	Niton XRF	MN10-118	ppm	282	282.1	937239.94	<LOD	<LOD	<LOD	<LOD	537	<LOD	5331.42	<LOD	<LOD	<LOD	126.84	<LOD	<LOD	34247.72	<LOD	<LOD	18920.91	<LOD	510	<LOD	28	<LOD	<LOD	<LOD	<LOD	14.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	529	<LOD	<LOD	<LOD	1855.25	<LOD	217.84	<LOD	76	350.75
Butler 1	Niton XRF	MN10-118	ppm	283	283.1	895196.06	<LOD	<LOD	<LOD	<LOD	519	<LOD	19179.92	<LOD	<LOD	<LOD	105.94	<LOD	<LOD	59811.81	<LOD	<LOD	20755.82	<LOD	1274	<LOD	21	<LOD	<LOD	<LOD	<LOD	17.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	666	<LOD	<LOD	<LOD	1802.76	<LOD	180.68	<LOD	153	302.13
Butler 1	Niton XRF	MN10-118	ppm	284	284.1	920864.25	<LOD	<LOD	<LOD	<LOD	409	<LOD	9785.49	<LOD	<LOD	<LOD	99.77	<LOD	<LOD	45595.98	<LOD	<LOD	19331.75	<LOD	853	<LOD	18	<LOD	<LOD	<LOD	<LOD	13.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	545	<LOD	<LOD	<LOD	1820.36	<LOD	169.58	<LOD	115	332.99
Butler 1	Niton XRF	MN10-118	ppm	285	285.1	919346.25	<LOD	<LOD	<LOD	<LOD	324	<LOD	4979.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53348.45	<LOD	<LOD	17694.67	<LOD	1365	<LOD	34	<LOD	<LOD	<LOD	<LOD	16.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	593	<LOD	<LOD	<LOD	1585.82	<LOD	135.33	<LOD	125	378.98
Butler 1	Niton XRF	MN10-118	ppm	286	286.1	925964.19	<LOD	<LOD	<LOD	<LOD	343	<LOD	7965.91	<LOD	<LOD	<LOD	95.84	<LOD	<LOD	44463.31	<LOD	<LOD	17181.32	<LOD	1075	<LOD	30	<LOD	<LOD	<LOD	<LOD	12.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	725	<LOD	<LOD	<LOD	1537.04	<LOD	146.44	<LOD	59	340.02
Butler 1	Niton XRF	MN10-118	ppm	287	287.1	909190.69	<LOD	<LOD	<LOD	<LOD	557	<LOD	5228.33	<LOD	<LOD	<LOD	84.06	<LOD	<LOD	58391.19	<LOD	<LOD	22492.91	<LOD	1020	<LOD	36	<LOD	<LOD	<LOD	<LOD	16.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	520	<LOD	<LOD	<LOD	1715.92	<LOD	244.31	<LOD	126	361.46
Butler 1	Niton XRF	MN10-118	ppm	288	288.1	924111.63	<LOD	<LOD	<LOD	<LOD	404	<LOD	8886.39	<LOD	<LOD	<LOD	66.03	<LOD	<LOD	44850.28	<LOD	<LOD	17905.95	<LOD	1060	<LOD	27	<LOD	<LOD	<LOD	<LOD	16.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	510	<LOD	<LOD	<LOD	1490.68	<LOD	246.6	<LOD	69	306.83
Butler 1	Niton XRF	MN10-118	ppm	289	289.1	898042.38	<LOD	<LOD	<LOD	<LOD	557	<LOD	9792.58	<LOD	<LOD	<LOD	105.11	<LOD	<LOD	59950.34	<LOD	<LOD	27224.98	<LOD	1318	<LOD	22	<LOD	<LOD	29	<LOD	20.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	533	<LOD	<LOD	<LOD	1707.35	<LOD	263.6	<LOD	99	320.3
Butler 1	Niton XRF	MN10-118	ppm	290	290.1	935405.75	<LOD	<LOD	<LOD	<LOD	348	<LOD	9702.75	<LOD	<LOD	<LOD	130.93	<LOD	<LOD	34379.39	<LOD	<LOD	15884.59	<LOD	1332	<LOD	22	<LOD	<LOD	<LOD	<LOD	10.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	642	<LOD	<LOD	<LOD	1560.18	<LOD	148.76	<LOD	82	310.25
Butler 1	Niton XRF	MN10-118	ppm	291	291.1	918838.25	<LOD	<LOD	<LOD	<LOD	404	<LOD	5633.3	<LOD	<LOD	<LOD	111.97	<LOD	<LOD	51305.59	<LOD	<LOD	19807.32	<LOD	812	<LOD	19	<LOD	<LOD	<LOD	<LOD	15.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	630	<LOD	<LOD	<LOD	1735.05	<LOD	197.39	<LOD	102	332.67
Butler 1	Niton XRF	MN10-118	ppm	292	292.1	902272.75	<LOD	<LOD	<LOD	<LOD	304	<LOD	6487.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63453.49	<LOD	<LOD	23280.4	<LOD	1372	<LOD	31	<LOD	<LOD	<LOD	<LOD	21.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	513	<LOD	<LOD	<LOD	1806.27	<LOD	<LOD	<LOD	120	309.45
Butler 1	Niton XRF	MN10-118	ppm	293	293.1	914735.25	<LOD	<LOD	<LOD	<LOD	381	<LOD	7239.85	<LOD	<LOD	<LOD	87.59	<LOD	<LOD	52322.79	<LOD	<LOD	20906.77	<LOD	1039	<LOD	30	<LOD	<LOD	<LOD	<LOD	17.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	641	<LOD	<LOD	<LOD	1920.83	<LOD	166.96	<LOD	127	355.03
Butler 1	Niton XRF	MN10-118	ppm	294	294.1	926702.88	<LOD	<LOD	<LOD	<LOD	535	<LOD	10901.65	<LOD	<LOD	<LOD	95.14	<LOD	<LOD	41782.88	<LOD	<LOD	15711.03	<LOD	1076	<LOD	29	<LOD	<LOD	<LOD	<LOD	16.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	743	<LOD	<LOD	<LOD	1777.24	<LOD	173.12	<LOD	105	337.87
Butler 1	Niton XRF	MN10-118	ppm	295	295.1	920883.56	<LOD	<LOD	<LOD	<LOD	369	<LOD	6729.56	<LOD	<LOD	<LOD	106.05	<LOD	<LOD	50131.64	<LOD	<LOD	18158.82	<LOD	797	<LOD	26	<LOD	<LOD	<LOD	<LOD	16.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	471	<LOD	<LOD	<LOD	1610.04	<LOD	196.86	<LOD	112	357.51
Butler 1	Niton XRF	MN10-118	ppm	296	296.1	933086.06	<LOD	<LOD	<LOD	<LOD	490	<LOD	7287.61	<LOD	<LOD	<LOD	112.42	<LOD	<LOD	36811.1	<LOD	<LOD	18444.74	<LOD	444	<LOD	17	<LOD	<LOD	<LOD	<LOD	15.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	861	<LOD	<LOD	<LOD	1683.79	<LOD	215.55	<LOD	183	314.3
Butler 1	Niton XRF	MN10-118	ppm	297	297.1	934546.56	<LOD	<LOD	<LOD	<LOD	343	25	6339.59	<LOD	<LOD	<LOD	102.93	<LOD	<LOD	38220.79	<LOD	<LOD	16518.61	<LOD	976	<LOD	28	<LOD	<LOD	<LOD	<LOD	12.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	694	<LOD	<LOD	<LOD	1572.96	<LOD	195.59	<LOD	61	341.05
Butler 1	Niton XRF	MN10-118	ppm	298	298.1	926545.13	<LOD	<LOD	<LOD	<LOD	359	<LOD	8829.75	<LOD	<LOD	<LOD	132.6	<LOD	<LOD	47714.3	<LOD	<LOD	12430.57	<LOD	598	<LOD	29	<LOD	<LOD	<LOD	<LOD	12.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	778	<LOD	<LOD	<LOD	1813.42	<LOD	189.27	<LOD	143	388.47
Butler 1	Niton XRF	MN10-118	ppm	299	299.1	936102.88	<LOD	<LOD	<LOD	<LOD	256	<LOD	7377.94	<LOD	<LOD	<LOD	70.97	<LOD	<LOD	37386.2	<LOD	<LOD	15761.02	<LOD	836	<LOD	15	<LOD	<LOD	60	<LOD	26.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	283	<LOD	<LOD	<LOD	1195.02	<LOD	130.12	<LOD	257	229.4
Butler 1	Niton XRF	MN10-118	ppm	300	300.1	893541.44	<LOD	<LOD	<LOD	<LOD	219	<LOD	<LOD	<LOD	<LOD	<LOD	105.51	<LOD	371	61958.51	<LOD	<LOD	18857.02	<LOD	1151	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.95	<LOD	16504	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1517.61	<LOD	261.81	<LOD	5246	199.49
Butler 1	Niton XRF	MN10-118	ppm	301	301.1	828709.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75184.32	<LOD	<LOD	<LOD	520.38	<LOD	<LOD	74424.73	<LOD	<LOD	15185.1	<LOD	2836	<LOD	<LOD	182	<LOD	<LOD	<LOD	16.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	544	<LOD	<LOD	<LOD	1568.9	<LOD	263.14	<LOD	348	18.46
Butler 1	Niton XRF	MN10-118	ppm	302	302.1	905537.75	<LOD	<LOD	<LOD	<LOD	206	<LOD	17224.51	<LOD	<LOD	<LOD	162.27	<LOD	<LOD	59780.62	<LOD	<LOD	12322.08	<LOD	526	<LOD	14	<LOD	<LOD	<LOD	<LOD	15.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	255	<LOD	<LOD	<LOD	3228.58	<LOD	289.82	<LOD	173	146.51
Butler 1	Niton XRF	MN10-118	ppm	303	303.1	798060.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18938.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82597.05	<LOD	<LOD	2923.51	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	8.23	<LOD	91658	<LOD	<LOD	<LOD	<LOD	<LOD	175	<LOD	<LOD	<LOD	4911.69	<LOD	316.12	<LOD	145	193.46
Butler 1	Niton XRF	MN10-118	ppm	304	304.1	795171.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5175.05	<LOD	<LOD	<LOD	<LOD	<LOD	152	98111.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20	<LOD	<LOD	68	<LOD	<LOD	<LOD	95850	<LOD	<LOD	<LOD	<LOD	<LOD	362	<LOD	<LOD	<LOD	3079.59	<LOD	266.05	<LOD	<LOD	133.33
Butler 1	Niton XRF	MN10-118	ppm	305	305.1	964846.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2257.58	<LOD	<LOD	<LOD	69.93	<LOD	<LOD	31172.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117	<LOD	<LOD	<LOD	1138.73	<LOD	107.7	<LOD	<LOD	228.21
Butler 1	Niton XRF	MN10-118	ppm	306	306.1	933929.31	<LOD	<LOD	<LOD	<LOD	110	<LOD	1123.96	<LOD	<LOD	<LOD	74.73	<LOD	<LOD	58830.97	<LOD	<LOD	3674.12	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1680.32	<LOD	<LOD	<LOD	45	260.93
Butler 1	Niton XRF	MN10-118	ppm	307	307.1	934987.5	<LOD	<LOD	<LOD	<LOD	291	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48157.67	<LOD	<LOD	13449.69	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	8.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36	<LOD	<LOD	<LOD	1832.27	<LOD	166.5	<LOD	109	265.54
Butler 1	Niton XRF	MN10-118	ppm	307.85	307.95	946903	<LOD	<LOD	<LOD	<LOD	127	<LOD	1209.58	<LOD	<LOD	<LOD	75.43	<LOD	<LOD	39468.74	<LOD	<LOD	10384.19	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	6.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1385.84	<LOD	132.18	<LOD	<LOD	219.94
Butler 2	Niton XRF	MN10-115	ppm	13	13.1	922094.81	<LOD	<LOD	<LOD	<LOD	144	<LOD	2877.94	<LOD	<LOD	<LOD	121	<LOD	<LOD	67089.24	<LOD	<LOD	4915.84	<LOD	455	<LOD	19	<LOD	<LOD	<LOD	<LOD	4.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1934.31	<LOD	133.54	<LOD	<LOD	164.49
Butler 2	Niton XRF	MN10-115	ppm	14	14.1	911488.06	<LOD	<LOD	<LOD	<LOD	234	<LOD	2600.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68672.03	<LOD	<LOD	11960.97	<LOD	1074	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	3401.25	<LOD	177.01	<LOD	<LOD	212.29
Butler 2	Niton XRF	MN10-115	ppm	15	15.1	806259.56	<LOD	<LOD	<LOD	<LOD	188	<LOD	7644.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123101.92	<LOD	<LOD	21403.9	<LOD	841	<LOD	19	<LOD	<LOD	<LOD	<LOD	10.38	<LOD	33981	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	5958.88	<LOD	<LOD	<LOD	<LOD	256.51
Butler 2	Niton XRF	MN10-115	ppm	16	16.1	861071.31	<LOD	<LOD	<LOD	<LOD	428	<LOD	1674.12	<LOD	<LOD	<LOD	103.7	<LOD	<LOD	89766.16	<LOD	<LOD	28839.8	<LOD	504	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.14	<LOD	14090	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	2865.51	<LOD	314.28	<LOD	59	182.22
Butler 2	Niton XRF	MN10-115	ppm	17	17.1	912841.25	<LOD	<LOD	<LOD	<LOD	277	<LOD	2305.16	<LOD	<LOD	<LOD	94.13	<LOD	<LOD	66147.58	<LOD	<LOD	15764.57	<LOD	796	<LOD	23	<LOD	<LOD	<LOD	<LOD	9.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	<LOD	<LOD	<LOD	1113.85	<LOD	155.88	<LOD	64	286.07
Butler 2	Niton XRF	MN10-115	ppm	18	18.1	903444.75	<LOD	<LOD	<LOD	<LOD	232	<LOD	4807.24	<LOD	<LOD	<LOD	134.21	<LOD	<LOD	75421.19	<LOD	<LOD	10036.8	<LOD	1681	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	3668.48	<LOD	184.26	<LOD	66	158.52
Butler 2	Niton XRF	MN10-115	ppm	19	19.1	915899.94	<LOD	<LOD	<LOD	<LOD	303	<LOD	1547.72	<LOD	<LOD	<LOD	128.41	<LOD	<LOD	58849.02	<LOD	<LOD	19781.41	<LOD	539	<LOD	28	<LOD	<LOD	<LOD	<LOD	9.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2468.01	<LOD	144.52	<LOD	<LOD	259.26
Butler 2	Niton XRF	MN10-115	ppm	20	20.1	911722.5	<LOD	<LOD	<LOD	<LOD	259	<LOD	2019.96	<LOD	<LOD	<LOD	243.37	<LOD	<LOD	68146.65	<LOD	<LOD	13934.28	<LOD	374	<LOD	21	<LOD	<LOD	<LOD	<LOD	7.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	2590.29	<LOD	308.08	<LOD	<LOD	283.89
Butler 2	Niton XRF	MN10-115	ppm	21	21.1	847841.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3006.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134057.33	<LOD	<LOD	<LOD	<LOD	782	<LOD	24	<LOD	<LOD	<LOD	<LOD	4.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1908.32	<LOD	<LOD	<LOD	65	340.47
Butler 2	Niton XRF	MN10-115	ppm	22	22.1	913075.56	<LOD	<LOD	<LOD	<LOD	224	<LOD	1599.68	<LOD	<LOD	<LOD	98.96	<LOD	<LOD	68111.36	<LOD	<LOD	13690.71	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	<LOD	5.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	2520.9	<LOD	<LOD	<LOD	59	402.17

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 2	Niton XRF	MN10-115	ppm	23	23.1	925835.25	<LOD	<LOD	<LOD	<LOD	264	<LOD	982.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54053.89	<LOD	<LOD	15296.97	<LOD	412	<LOD	15	<LOD	<LOD	<LOD	<LOD	8.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2412.21	<LOD	149.18	<LOD	88	341.46
Butler 2	Niton XRF	MN10-115	ppm	24	24.1	892952.56	<LOD	<LOD	<LOD	<LOD	257	<LOD	2374.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82046.28	<LOD	<LOD	14023.18	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	8.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2452.94	<LOD	221.32	<LOD	65	338.49
Butler 2	Niton XRF	MN10-115	ppm	25	25.1	919596.69	<LOD	<LOD	<LOD	<LOD	324	<LOD	983.28	<LOD	<LOD	<LOD	90.33	<LOD	<LOD	55284.18	<LOD	<LOD	9320.83	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	4.61	<LOD	11223	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	1842.44	<LOD	<LOD	<LOD	<LOD	312.72
Butler 2	Niton XRF	MN10-115	ppm	26	26.1	886014.38	<LOD	<LOD	<LOD	<LOD	276	<LOD	3142.52	<LOD	<LOD	<LOD	128.94	<LOD	<LOD	97370.59	<LOD	<LOD	9126.81	<LOD	679	23	25	<LOD	<LOD	<LOD	<LOD	4.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	2567.82	<LOD	206.17	<LOD	63	322.63
Butler 2	Niton XRF	MN10-115	ppm	27	27.1	886293.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2309.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107866.41	<LOD	<LOD	<LOD	<LOD	751	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2383.31	<LOD	<LOD	<LOD	<LOD	251.47
Butler 2	Niton XRF	MN10-115	ppm	28	28.1	884791.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1109.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111057.4	<LOD	<LOD	<LOD	<LOD	489	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2176.74	<LOD	<LOD	<LOD	<LOD	269.82
Butler 2	Niton XRF	MN10-115	ppm	29	29.1	895102.25	<LOD	<LOD	<LOD	<LOD	300	<LOD	3433.66	<LOD	<LOD	<LOD	99.85	<LOD	<LOD	81895.66	<LOD	<LOD	15132.76	<LOD	461	<LOD	25	<LOD	<LOD	<LOD	<LOD	10.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2908.39	<LOD	<LOD	<LOD	<LOD	354.18
Butler 2	Niton XRF	MN10-115	ppm	30	30.1	929072.56	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	<LOD	<LOD	83.36	<LOD	<LOD	61007.36	<LOD	<LOD	6875.65	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	4.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1686.36	<LOD	<LOD	<LOD	74	240.17
Butler 2	Niton XRF	MN10-115	ppm	31	31.1	922402.19	<LOD	<LOD	<LOD	<LOD	332	<LOD	1923.44	<LOD	<LOD	<LOD	125.6	<LOD	<LOD	59793.25	<LOD	<LOD	13025.46	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	5.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	1534.94	<LOD	242.18	<LOD	<LOD	269.03
Butler 2	Niton XRF	MN10-115	ppm	32	32.1	909932.19	<LOD	<LOD	<LOD	<LOD	329	<LOD	1816.44	<LOD	<LOD	<LOD	95.55	<LOD	<LOD	70497.86	<LOD	<LOD	9703.63	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	5.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2145.84	<LOD	163.31	<LOD	<LOD	344.43
Butler 2	Niton XRF	MN10-115	ppm	33	33.1	932453.31	<LOD	<LOD	<LOD	<LOD	234	<LOD	714	<LOD	<LOD	<LOD	99.86	<LOD	<LOD	53374.04	<LOD	<LOD	9648.61	<LOD	502	<LOD	25	<LOD	<LOD	<LOD	<LOD	6.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1788.66	<LOD	<LOD	<LOD	144	332.98
Butler 2	Niton XRF	MN10-115	ppm	34	34.1	903548.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	761.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88050.93	<LOD	<LOD	4931.56	<LOD	500	<LOD	15	<LOD	<LOD	<LOD	<LOD	3.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1687.7	<LOD	<LOD	<LOD	<LOD	315.66
Butler 2	Niton XRF	MN10-115	ppm	35	35.1	935702.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1118.86	<LOD	<LOD	<LOD	110.84	<LOD	<LOD	54572.14	<LOD	<LOD	6218.95	<LOD	660	<LOD	18	<LOD	<LOD	<LOD	<LOD	3.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1172.84	<LOD	<LOD	<LOD	39	292.84
Butler 2	Niton XRF	MN10-115	ppm	36	36.1	914994.56	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77673.62	<LOD	<LOD	5234.12	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1238.56	<LOD	<LOD	<LOD	48	281.75
Butler 2	Niton XRF	MN10-115	ppm	37	37.1	922700.13	<LOD	<LOD	<LOD	<LOD	203	<LOD	<LOD	<LOD	<LOD	<LOD	131.01	<LOD	<LOD	56886.1	<LOD	<LOD	17525	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	16.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1229.29	<LOD	112.19	<LOD	<LOD	234.61
Butler 2	Niton XRF	MN10-115	ppm	38	38.1	909627.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6667.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76606.06	<LOD	<LOD	3421.96	<LOD	1133	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36	<LOD	<LOD	<LOD	1785.95	<LOD	<LOD	<LOD	209	307.35
Butler 2	Niton XRF	MN10-115	ppm	38	38.05	925454.81	<LOD		<LOD	<LOD		13.72	774.73	<LOD		<LOD	<LOD		<LOD	61200.5	<LOD	<LOD	7784.9		517.23	<LOD	23.87	<LOD		<LOD	<LOD	7.43	<LOD	<LOD	42.19		<LOD		69.3	26.64	<LOD		<LOD	1660.93	<LOD	105.42	<LOD	38.13	346.6
Butler 2	Niton XRF	MN10-115	ppm	39	39.1	933805.19	<LOD	<LOD	<LOD	<LOD	214	<LOD	1158.59	<LOD	<LOD	<LOD	123.6	<LOD	<LOD	50457.65	<LOD	<LOD	10304.8	<LOD	1088	<LOD	22	<LOD	<LOD	<LOD	<LOD	10.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2071.81	<LOD	181.03	<LOD	102	378.56
Butler 2	Niton XRF	MN10-115	ppm	40	40.1	942389.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124.81	<LOD	<LOD	43876.59	<LOD	<LOD	10135.71	<LOD	389	<LOD	34	<LOD	<LOD	<LOD	<LOD	12.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1833.2	<LOD	<LOD	<LOD	123	328.97
Butler 2	Niton XRF	MN10-115	ppm	41	41.1	942974	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	804.3	<LOD	<LOD	<LOD	101.45	<LOD	<LOD	44923.11	<LOD	<LOD	8659.73	<LOD	338	<LOD	27	<LOD	<LOD	<LOD	<LOD	12.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1633.18	<LOD	<LOD	<LOD	129	354.46
Butler 2	Niton XRF	MN10-115	ppm	42	42.1	951825.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	738	<LOD	<LOD	<LOD	151.96	<LOD	<LOD	33127.35	<LOD	<LOD	11816.37	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	10.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	1515.05	<LOD	<LOD	<LOD	65	310.94
Butler 2	Niton XRF	MN10-115	ppm	43	43.1	934195.5	<LOD	<LOD	<LOD	<LOD	256	<LOD	<LOD	<LOD	<LOD	<LOD	79.32	<LOD	<LOD	44975.78	<LOD	<LOD	17946.34	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	11.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	1871.72	<LOD	143.21	<LOD	141	299.98
Butler 2	Niton XRF	MN10-115	ppm	44	44.1	933385.06	<LOD	<LOD	<LOD	<LOD	118	<LOD	4770.27	<LOD	<LOD	<LOD	112.89	<LOD	<LOD	36559.7	<LOD	<LOD	22260.09	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	19.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	1772.56	<LOD	150.08	<LOD	108	388.52
Butler 2	Niton XRF	MN10-115	ppm	45	45.1	945541.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2216.82	<LOD	<LOD	<LOD	123.71	<LOD	<LOD	38968.75	<LOD	<LOD	10622.28	<LOD	461	<LOD	19	<LOD	<LOD	<LOD	<LOD	8.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1434.19	<LOD	102.8	<LOD	114	273.97
Butler 2	Niton XRF	MN10-115	ppm	46	46.1	939201.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1520.89	<LOD	<LOD	<LOD	127.75	<LOD	<LOD	44521.58	<LOD	<LOD	11258.25	<LOD	609	<LOD	28	<LOD	<LOD	<LOD	<LOD	14.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	2074.6	<LOD	<LOD	<LOD	136	372
Butler 2	Niton XRF	MN10-115	ppm	47	47.1	926417.38	<LOD	<LOD	<LOD	<LOD	127	<LOD	2478.28	<LOD	<LOD	<LOD	105.05	<LOD	<LOD	48779.43	<LOD	<LOD	18716.68	<LOD	868	<LOD	22	<LOD	<LOD	<LOD	<LOD	25.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	1711.57	<LOD	114.66	<LOD	149	391.41
Butler 2	Niton XRF	MN10-115	ppm	48	48.1	946781	<LOD	<LOD	<LOD	<LOD	330	<LOD	<LOD	<LOD	<LOD	<LOD	127.12	<LOD	<LOD	34306.07	<LOD	<LOD	14622.34	<LOD	540	<LOD	24	<LOD	<LOD	<LOD	<LOD	16.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	1815.67	<LOD	120.37	<LOD	137	305.73
Butler 2	Niton XRF	MN10-115	ppm	49	49.1	930715	<LOD	<LOD	<LOD	<LOD	110	<LOD	1736.34	<LOD	<LOD	<LOD	94.95	<LOD	<LOD	48528.77	<LOD	<LOD	17228.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1087.08	<LOD	<LOD	<LOD	98	93.2
Butler 2	Niton XRF	MN10-115	ppm	50	50.1	932072.44	<LOD	<LOD	<LOD	<LOD	134	<LOD	2043.99	<LOD	<LOD	<LOD	65.31	<LOD	<LOD	46849.79	<LOD	<LOD	16255.21	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	14.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	1671.86	<LOD	144.28	<LOD	148	293.53
Butler 2	Niton XRF	MN10-115	ppm	51	51.1	901553.38	<LOD	<LOD	<LOD	<LOD	334	<LOD	7591.34	<LOD	<LOD	<LOD	78.42	<LOD	<LOD	44473.39	<LOD	<LOD	41618.2	<LOD	758	<LOD	32	<LOD	<LOD	<LOD	<LOD	32.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107	<LOD	<LOD	<LOD	2679.53	<LOD	208.03	<LOD	69	450.38
Butler 2	Niton XRF	MN10-115	ppm	52	52.1	925534.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3035.64	<LOD	<LOD	<LOD	130.87	<LOD	<LOD	41041.01	<LOD	<LOD	26698.51	<LOD	361	26	40	<LOD	<LOD	<LOD	<LOD	29.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	1895.76	<LOD	191.59	<LOD	105	340.07
Butler 2	Niton XRF	MN10-115	ppm	53	53.1	907058	<LOD	<LOD	<LOD	<LOD	414	<LOD	2921.88	<LOD	<LOD	<LOD	149.02	<LOD	<LOD	33737.93	<LOD	<LOD	51976.37	<LOD	471	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	2556.35	<LOD	254.85	<LOD	144	197.76
Butler 2	Niton XRF	MN10-115	ppm	54	54.1	909680.94	<LOD	<LOD	<LOD	<LOD	450	<LOD	3311.06	<LOD	<LOD	<LOD	169.57	<LOD	100	37627.63	<LOD	<LOD	44467.95	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	35.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	3015.8	<LOD	258	<LOD	303	218.24
Butler 2	Niton XRF	MN10-115	ppm	55	55.1	929093.94	<LOD	<LOD	<LOD	<LOD	126	<LOD	3325.52	<LOD	<LOD	<LOD	102.1	<LOD	<LOD	34691.84	<LOD	<LOD	29055.15	<LOD	595	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	2216.35	<LOD	218.85	<LOD	186	168.52
Butler 2	Niton XRF	MN10-115	ppm	56	56.1	975022.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5863.85	<LOD	<LOD	<LOD	99.72	<LOD	<LOD	8224.8	<LOD	<LOD	7445.18	<LOD	1317	<LOD	25	<LOD	<LOD	87	<LOD	4.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97	<LOD	<LOD	<LOD	1235.79	<LOD	114.38	<LOD	88	259.89
Butler 2	Niton XRF	MN10-115	ppm	57	57.1	911441.25	<LOD	<LOD	<LOD	<LOD	303	<LOD	2359.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54892.37	<LOD	<LOD	28580.36	<LOD	602	<LOD	14	<LOD	<LOD	32	<LOD	21.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1114.13	<LOD	106.85	<LOD	213	104.57
Butler 2	Niton XRF	MN10-115	ppm	58	58.1	940710.38	<LOD	<LOD	<LOD	<LOD	627	<LOD	6235.8	<LOD	<LOD	<LOD	140.87	<LOD	<LOD	18593.06	<LOD	<LOD	30982.21	<LOD	<LOD	<LOD	14	<LOD	<LOD	75	<LOD	26.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	<LOD	1571.75	<LOD	296.56	<LOD	109	259.46
Butler 2	Niton XRF	MN10-115	ppm	59	59.1	898555.06	<LOD	<LOD	<LOD	<LOD	436	<LOD	10707.63	<LOD	<LOD	<LOD	112.2	<LOD	<LOD	47719.14	<LOD	<LOD	39018.72	<LOD	821	<LOD	17	<LOD	<LOD	<LOD	<LOD	44.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	1833.47	<LOD	133.76	<LOD	181	323.3
Butler 2	Niton XRF	MN10-115	ppm	60	60.1	900646.13	<LOD	<LOD	<LOD	<LOD	209	<LOD	18435.12	<LOD	<LOD	<LOD	131.57	<LOD	<LOD	39049.5	<LOD	<LOD	32556.77	<LOD	1087	<LOD	19	<LOD	<LOD	143	<LOD	33.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	171	<LOD	<LOD	<LOD	1610.35	<LOD	140.46	<LOD	152	264.77
Butler 2	Niton XRF	MN10-115	ppm	61	61.1	893298.75	<LOD	<LOD	<LOD	<LOD	526	<LOD	4534.87	<LOD	<LOD	<LOD	197.47	<LOD	<LOD	38705.75	<LOD	<LOD	52476.21	<LOD	1072	<LOD	14	<LOD	<LOD	59	<LOD	39.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	2630.36	<LOD	281.37	<LOD	238	195.49
Butler 2	Niton XRF	MN10-115	ppm	62	62.1	881702.44	<LOD	<LOD	<LOD	<LOD	313	<LOD	14134.08	<LOD	<LOD	<LOD	76.56	<LOD	<LOD	49896.89	<LOD	<LOD	29968.9	<LOD	589	<LOD	27	<LOD	<LOD	<LOD	<LOD	24.77	<LOD	20251	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	2154.34	<LOD	134.62	<LOD	201	369.51
Butler 2	Niton XRF	MN10-115	ppm	63	63.1	867285.69	<LOD	<LOD	<LOD	<LOD	496	<LOD	15361.99	<LOD	<LOD	<LOD	143.56	<LOD	<LOD	48709.86	<LOD	<LOD	62426	<LOD	1148	<LOD	15	<LOD	<LOD	38	<LOD	62.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	3424.6	<LOD	226.35	<LOD	284	271.64
Butler 2	Niton XRF	MN10-115	ppm	64	64.1	918458.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1745.63	<LOD	<LOD	<LOD	122.09	<LOD	<LOD	47216.24	<LOD	<LOD	23186.32	<LOD	699	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36.16	<LOD	6330	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1528.67	<LOD	136.79	<LOD	352	139.32
Butler 2	Niton XRF	MN10-115	ppm	65	65.1	910993.13	<LOD	<LOD	<LOD	<LOD	492	<LOD	3334.06	<LOD	<LOD	<LOD	96.36	<LOD	<LOD	58311.67	<LOD	<LOD	21660.02	<LOD	1095	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	3357.36	<LOD	218.63	<LOD	153	168.01
Butler 2	Niton XRF	MN10-115	ppm	66	66.1	913632.81	<LOD	<LOD	<LOD	<LOD	297	<LOD	2309.01	<LOD	<LOD	<LOD	91.04	<LOD	<LOD	57130.54	<LOD	<LOD	20810.31	<LOD	1430	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3814.42	<LOD	183.24	<LOD	<LOD	187.88
Butler 2	Niton XRF	MN10-115	ppm	67	67.1	914216.31	<LOD	<LOD	<LOD	<LOD	582	<LOD	<LOD	<LOD	<LOD	<LOD	95.17	<LOD	<LOD	55964.94	<LOD	<LOD	25378.81	<LOD	418	<LOD	27	<LOD	<LOD	<LOD	<LOD	21.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2438.38	<LOD	228.1	<LOD	71	390.32
Butler 2	Niton XRF	MN10-115	ppm	68	68.1	927200.06	<LOD	<LOD	<LOD	<LOD	203	<LOD	<LOD	<LOD	<LOD	<LOD	145.54	<LOD	<LOD	46871.04	<LOD	<LOD	16123.95	<LOD	1213	<LOD	25	<LOD	<LOD	<LOD	<LOD	9.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2101.34	<LOD	186.9	<LOD	71	337.48
Butler 2	Niton XRF	MN10-115	ppm	69	69.1	898015.88	<LOD	<LOD	<LOD	<LOD	635	<LOD	1263.45	<LOD	<LOD	<LOD	98.2	<LOD	<LOD	51009.29	<LOD	<LOD	31944.99	<LOD	523	<LOD	40	<LOD	<LOD	<LOD	<LOD	16.69	<LOD	12906	<LOD	<LOD	<LOD	<LOD	<LOD	169	<LOD	<LOD	<LOD	2799.67	<LOD	235.51	<LOD	<LOD	314.4
Butler 2	Niton XRF	MN10-115	ppm	70	70.1	819280.94	<LOD	<LOD	<LOD	<LOD	657	<LOD	19673.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112837.39	<LOD	<LOD	27374.17	<LOD	861	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.34	<LOD	11485	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	<LOD	6733.3	<LOD	514.08	<LOD	73	191.43
Butler 2	Niton XRF	MN10-115	ppm	71	71.1	893150.69	<LOD	<LOD	<LOD	<LOD	260	<LOD	31582.67	<LOD	<LOD	<LOD	147.15	<LOD	<LOD	58945.55	<LOD	<LOD	9406.99	<LOD	3100	<LOD	17	<LOD	<LOD	<LOD	<LOD	5.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	213	<LOD	<LOD	<LOD	2655.51	<LOD	181.78	<LOD	60	233.2
Butler 2	Niton XRF	MN10-115	ppm	71	71.05	927548.69	<LOD		<LOD	<LOD		<LOD	7862.68	<LOD		<LOD	135.5		<LOD	41147.11	<LOD	<LOD	14800.59		652.59	<LOD	17.35	<LOD		<LOD	<LOD	10.1	<LOD	1761.92	43.08		<LOD		60.48	87.76	<LOD		<LOD	2589.17	<LOD	145.83	<LOD	67.29	230.98
Butler 2	Niton XRF	MN10-115	ppm	72	72.1	885263	<LOD	<LOD	<LOD	<LOD	324	<LOD	1548.28	<LOD	<LOD	<LOD	<LOD	<LOD	141	74103.47	<LOD	<LOD	27766.19	<LOD	497	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3593.87	<LOD	239.96	<LOD	6305	135.9
Butler 2	Niton XRF	MN10-115	ppm	73	73.1	900294.25	<LOD	<LOD	<LOD	<LOD	135	<LOD	3929.95	<LOD	<LOD	<LOD	104.4	<LOD	<LOD	57509.99	<LOD	<LOD	20907.66	<LOD	1871	<LOD	17	<LOD	<LOD	<LOD	<LOD	16.85	<LOD	10270	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4020.37	<LOD	185.13	<LOD	424	187.75
Butler 2	Niton XRF	MN10-115	ppm	74	74.1	878640.13	<LOD	<LOD	<LOD	<LOD	172	<LOD	3069.04	<LOD	<LOD	<LOD	128.5	<LOD	150	38798.31	<LOD	<LOD	41833.68	<LOD	667	<LOD	13	<LOD	<LOD	32	<LOD	23.48	<LOD	31275	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	3390.83	<LOD	212.77	<LOD	1154	226.76
Butler 2	Niton XRF	MN10-115	ppm	75	75.1	874222.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13848.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106914.41	<LOD	<LOD	<LOD	<LOD	1558	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2428.98	<LOD	<LOD	<LOD	550	316.43
Butler 2	Niton XRF	MN10-115	ppm	76	76.1	894468.69	<LOD	<LOD	<LOD	<LOD	899	<LOD	2111.97	<LOD	<LOD	<LOD	117.88	<LOD	<LOD	38045.01	<LOD	<LOD	45961.75	<LOD	<LOD	<LOD	33	<LOD	<LOD	34	<LOD	28.73	<LOD	13526	<LOD	<LOD	<LOD	<LOD	<LOD	76	<LOD	<LOD	<LOD	3767.22	<LOD	348.19	<LOD	136	432.61
Butler 2	Niton XRF	MN10-115	ppm	77	77.1	928792.19	<LOD	<LOD	<LOD	<LOD	289	<LOD	1363.48	<LOD	<LOD	<LOD	101.36	<LOD	<LOD	49409.14	<LOD	<LOD	17105.71	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	11.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	2102.72	<LOD	<LOD	<LOD	80	270.45
Butler 2	Niton XRF	MN10-115	ppm	78	78.1	931811.5	<LOD	<LOD	<LOD	<LOD	203	<LOD	788.63	<LOD	<LOD	<LOD	162.15	<LOD	<LOD	50799.86	<LOD	<LOD	12786.47	<LOD	483	<LOD	21	<LOD	<LOD	<LOD	<LOD	6.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2521.8	<LOD	<LOD	<LOD	69	288.01
Butler 2	Niton XRF	MN10-115	ppm	79	79.1	928997.94	<LOD	<LOD	<LOD	<LOD	215	<LOD	2102.85	<LOD	<LOD	<LOD	113.91	<LOD	<LOD	44780.93	<LOD	<LOD	20450.27	<LOD	433	<LOD	20	<LOD	<LOD	<LOD	<LOD	15.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	2268.85	<LOD	155.02	<LOD	63	305.28
Butler 2	Niton XRF	MN10-115	ppm	80	80.1	889797.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6099.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99928.93	<LOD	<LOD	<LOD	<LOD	756	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2741.76	<LOD	<LOD	<LOD	152	361.34
Butler 2	Niton XRF	MN10-115	ppm	81	81.1	925322.31	<LOD	<LOD	<LOD	<LOD	133	<LOD	3538.51	<LOD	<LOD	<LOD	107.59	<LOD	<LOD	52876.36	<LOD	<LOD	15068.09	<LOD	338	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	1950.92	<LOD	171.92	<LOD	89	253.08
Butler 2	Niton XRF	MN10-115	ppm	82	82.1	933145.88	<LOD	<LOD	<LOD	<LOD	207	<LOD	1781.83	<LOD	<LOD	<LOD	90.56	<LOD	<LOD	40245.6	<LOD	<LOD	21357.82	<LOD	396	<LOD	22	<LOD	<LOD	<LOD	<LOD	17.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2216.54	<LOD	<LOD	<LOD	89	275.91
Butler 2	Niton XRF	MN10-115	ppm	83	83.1	851016.19	<LOD	<LOD	<LOD	<LOD	647	<LOD	1823.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104875.32	<LOD	<LOD	34996.31	<LOD	858	<LOD	35	<LOD	<LOD	<LOD	<LOD	33.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	4366.91	<LOD	357.47	<LOD	356	531.73
Butler 2	Niton XRF	MN10-115	ppm	84	84.1	934220	<LOD	<LOD	<LOD	<LOD	520	<LOD	2474.19	<LOD	<LOD	<LOD	105.21	<LOD	<LOD	22191.78	<LOD	<LOD	36876.91	<LOD	290	<LOD	18	<LOD	<LOD	<LOD	<LOD	18.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	2543.67	<LOD	205.29	<LOD	45	327.99
Butler 2	Niton XRF	MN10-115	ppm	85	85.1	911302.81	<LOD	<LOD	<LOD	<LOD	625	<LOD	3185.66	<LOD	<LOD	<LOD	136.99	<LOD	<LOD	33542.95	<LOD	<LOD	46933.45	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	36.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127	<LOD	<LOD	<LOD	3056.72	<LOD	293.18	<LOD	74	383.62
Butler 2	Niton XRF	MN10-115	ppm	86	86.1	939325.5	<LOD	<LOD	<LOD	<LOD	160	<LOD	2755.78	<LOD	<LOD	<LOD	102.11	<LOD	<LOD	32421.31	<LOD	<LOD	22390.8	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	16.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	2245.36	<LOD	138.95	<LOD	100	257.74
Butler 2	Niton XRF	MN10-115	ppm	87	87.1	869744.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13342.97	<LOD	<LOD	<LOD	135.01	<LOD	199	89576.73	<LOD	<LOD	11291.54	<LOD	1790	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.72	<LOD	11274	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	2103.55	<LOD	<LOD	<LOD	206	120.2
Butler 2	Niton XRF	MN10-115	ppm	87	87.05	920239.5	<LOD		<LOD	<LOD		<LOD	2605.49	<LOD		<LOD	123.99		<LOD	48921.53	<LOD	<LOD	24047.5		458.12	<LOD	16.14	<LOD		<LOD	<LOD	16.69	<LOD	<LOD	<LOD		<LOD		<LOD	44.91	<LOD		<LOD	2212.29	<LOD	152.06	<LOD	151.17	232.52
Butler 2	Niton XRF	MN10-115	ppm	88	88.1	940831.06	<LOD	<LOD	<LOD	<LOD	148	<LOD	3252.8	<LOD	<LOD	<LOD	100.33	<LOD	<LOD	28471.61	<LOD	<LOD	23988	<LOD	487	<LOD	20	<LOD	<LOD	<LOD	<LOD	15.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71	<LOD	<LOD	<LOD	2081.1	<LOD	140.87	<LOD	100	246.75
Butler 2	Niton XRF	MN10-115	ppm	89	89.1	924915.25	<LOD	<LOD	<LOD	<LOD	289	<LOD	16668.63	<LOD	<LOD	<LOD	91.06	<LOD	<LOD	34717.2	<LOD	<LOD	20522.29	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	15.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	258	<LOD	<LOD	<LOD	1699.37	<LOD	166.41	<LOD	62	251.67
Butler 2	Niton XRF	MN10-115	ppm	90	90.1	846928.69	<LOD	<LOD	<LOD	<LOD	338	<LOD	22875.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84129.41	<LOD	<LOD	39327.19	<LOD	1521	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	321	<LOD	<LOD	<LOD	3717.33	<LOD	372.31	<LOD	207	155.21
Butler 2	Niton XRF	MN10-115	ppm	91	91.1	894341.13	<LOD	<LOD	<LOD	<LOD	409	<LOD	22383.76	<LOD	<LOD	<LOD	88.08	<LOD	<LOD	58473.21	<LOD	<LOD	19406.31	<LOD	1188	<LOD	14	<LOD	<LOD	<LOD	<LOD	13.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	340	<LOD	<LOD	<LOD	2661.45	<LOD	334.38	<LOD	180	130.31
Butler 2	Niton XRF	MN10-115	ppm	92	92.1	891029	<LOD	<LOD	<LOD	<LOD	512	<LOD	19305.78	<LOD	<LOD	<LOD	118.41	<LOD	<LOD	53149.41	<LOD	<LOD	25458.24	<LOD	717	<LOD	40	<LOD	<LOD	36	<LOD	20.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	846	<LOD	<LOD	<LOD	3613.1	<LOD	187.11	<LOD	170	530.5
Butler 2	Niton XRF	MN10-115	ppm	93	93.1	880373.94	<LOD	<LOD	<LOD	<LOD	521	<LOD	11557.84	<LOD	<LOD	<LOD	129.73	<LOD	<LOD	74860.88	<LOD	<LOD	28214.79	<LOD	921	<LOD	29	<LOD	<LOD	<LOD	<LOD	19.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	427	<LOD	<LOD	<LOD	2236.09	<LOD	187.72	<LOD	186	296.88
Butler 2	Niton XRF	MN10-115	ppm	94	94.1	896154.94	<LOD	<LOD	<LOD	<LOD	594	<LOD	7252.25	<LOD	<LOD	<LOD	100.7	<LOD	<LOD	66580.74	<LOD	<LOD	24680.67	<LOD	839	<LOD	30	<LOD	<LOD	<LOD	<LOD	17.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	460	<LOD	<LOD	<LOD	2470.53	<LOD	182.17	<LOD	288	319.19
Butler 2	Niton XRF	MN10-115	ppm	95	95.1	883720.94	<LOD	<LOD	<LOD	<LOD	503	<LOD	9574.72	<LOD	<LOD	<LOD	126.59	<LOD	<LOD	71391.39	<LOD	<LOD	17953.49	<LOD	1460	<LOD	22	<LOD	<LOD	35	<LOD	15.03	<LOD	12273	<LOD	<LOD	<LOD	<LOD	<LOD	253	<LOD	<LOD	<LOD	1947.46	<LOD	207.79	<LOD	250	252.16
Butler 2	Niton XRF	MN10-115	ppm	96	96.1	922773.88	<LOD	<LOD	<LOD	<LOD	226	<LOD	11570.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50627.7	<LOD	<LOD	11116.99	<LOD	985	<LOD	14	<LOD	<LOD	<LOD	<LOD	9.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	305	<LOD	<LOD	<LOD	1738.07	<LOD	131.34	<LOD	158	276.71
Butler 2	Niton XRF	MN10-115	ppm	97	97.1	905495.94	<LOD	<LOD	<LOD	<LOD	118	<LOD	9292.36	<LOD	<LOD	<LOD	112.51	<LOD	<LOD	60847.48	<LOD	<LOD	12874.87	<LOD	747	<LOD	15	<LOD	<LOD	<LOD	<LOD	13.22	<LOD	7502	<LOD	<LOD	<LOD	<LOD	<LOD	416	<LOD	<LOD	<LOD	2059.29	<LOD	<LOD	<LOD	104	274.77
Butler 2	Niton XRF	MN10-115	ppm	98	98.1	888567.06	<LOD	<LOD	<LOD	<LOD	521	<LOD	15426.68	<LOD	<LOD	<LOD	150.58	<LOD	<LOD	48412.6	<LOD	<LOD	37345.3	<LOD	477	<LOD	18	<LOD	<LOD	36	<LOD	38.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	711	<LOD	<LOD	<LOD	2761.08	<LOD	327.77	<LOD	522	211.91
Butler 2	Niton XRF	MN10-115	ppm	99	99.1	882587.69	<LOD	<LOD	<LOD	<LOD	389	<LOD	34769.2	<LOD	<LOD	<LOD	153.72	<LOD	303	45020.53	<LOD	<LOD	23681.6	<LOD	867	<LOD	<LOD	<LOD	<LOD	55	<LOD	30.11	<LOD	8112	<LOD	<LOD	<LOD	<LOD	<LOD	1008	<LOD	<LOD	<LOD	2376.12	<LOD	174.13	<LOD	262	187.08
Butler 2	Niton XRF	MN10-115	ppm	100	100.1	874099.13	<LOD	<LOD	<LOD	<LOD	616	<LOD	22272.05	<LOD	<LOD	<LOD	143.33	<LOD	132	51310.56	<LOD	<LOD	38954.99	<LOD	922	<LOD	18	<LOD	<LOD	52	<LOD	37.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1234	<LOD	<LOD	<LOD	3454.73	<LOD	394.18	<LOD	503	167.66
Butler 2	Niton XRF	MN10-115	ppm	101	101.1	872936.88	<LOD	<LOD	<LOD	<LOD	442	<LOD	14199.81	<LOD	<LOD	<LOD	130.41	<LOD	<LOD	65663.68	<LOD	<LOD	21608.16	<LOD	1276	<LOD	31	<LOD	<LOD	<LOD	<LOD	23.85	<LOD	19906	<LOD	<LOD	<LOD	<LOD	<LOD	581	<LOD	<LOD	<LOD	2453.14	<LOD	<LOD	<LOD	284	303.68
Butler 2	Niton XRF	MN10-115	ppm	102	102.1	884374.31	<LOD	<LOD	<LOD	<LOD	415	<LOD	21786.4	<LOD	<LOD	<LOD	81.04	<LOD	<LOD	46425.12	<LOD	<LOD	18915.75	<LOD	1040	<LOD	24	<LOD	<LOD	<LOD	<LOD	14.97	<LOD	22268	<LOD	<LOD	<LOD	<LOD	<LOD	776	<LOD	<LOD	<LOD	3114.36	<LOD	254.93	<LOD	122	374.03
Butler 2	Niton XRF	MN10-115	ppm	103	103.1	913193.06	<LOD	<LOD	<LOD	<LOD	381	<LOD	24338.57	<LOD	<LOD	<LOD	106.27	<LOD	<LOD	40226.36	<LOD	<LOD	12091.29	<LOD	1151	<LOD	18	<LOD	<LOD	<LOD	<LOD	8.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	670	<LOD	<LOD	<LOD	1983.31	<LOD	218.54	<LOD	69	284.73
Butler 2	Niton XRF	MN10-115	ppm	104	104.1	872351.56	<LOD	<LOD	<LOD	<LOD	508	<LOD	19295.05	<LOD	<LOD	<LOD	117.73	<LOD	<LOD	61914.41	<LOD	<LOD	23538.79	<LOD	1005	<LOD	19	<LOD	<LOD	<LOD	<LOD	16	<LOD	17467	<LOD	<LOD	<LOD	<LOD	<LOD	874	<LOD	<LOD	<LOD	2187.4	<LOD	246.33	<LOD	147	299.23
Butler 2	Niton XRF	MN10-115	ppm	105	105.1	900672.75	<LOD	<LOD	<LOD	<LOD	540	<LOD	9541.98	<LOD	<LOD	<LOD	111.61	<LOD	<LOD	55931.1	<LOD	<LOD	28657.5	<LOD	827	<LOD	26	<LOD	<LOD	<LOD	<LOD	22.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	739	<LOD	<LOD	<LOD	2270.55	<LOD	152.39	<LOD	232	261.12
Butler 2	Niton XRF	MN10-115	ppm	106	106.1	916990.38	<LOD	<LOD	<LOD	<LOD	343	<LOD	16422.24	<LOD	<LOD	<LOD	115.68	<LOD	<LOD	36864.24	<LOD	<LOD	17635.76	<LOD	542	<LOD	26	<LOD	<LOD	<LOD	<LOD	17.45	<LOD	6876	<LOD	<LOD	<LOD	<LOD	<LOD	985	<LOD	<LOD	<LOD	2687.83	<LOD	134	<LOD	89	258.26
Butler 2	Niton XRF	MN10-115	ppm	107	107.1	918838.56	<LOD	<LOD	<LOD	<LOD	240	<LOD	28918.58	<LOD	<LOD	<LOD	161.58	<LOD	<LOD	29835.81	<LOD	<LOD	18312.94	<LOD	557	<LOD	20	<LOD	<LOD	<LOD	<LOD	12.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	626	<LOD	<LOD	<LOD	1973.6	<LOD	195.42	<LOD	69	224.99
Butler 2	Niton XRF	MN10-115	ppm	108	108.1	900586.25	<LOD	<LOD	<LOD	<LOD	574	<LOD	14922.12	<LOD	<LOD	<LOD	97.8	<LOD	<LOD	53955.41	<LOD	<LOD	25200.03	<LOD	1037	<LOD	23	<LOD	<LOD	<LOD	<LOD	24.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	572	<LOD	<LOD	<LOD	2173.14	<LOD	239.46	<LOD	277	262.36
Butler 2	Niton XRF	MN10-115	ppm	109	109.1	806105.63	<LOD	<LOD	<LOD	<LOD	667	<LOD	23000.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115371.71	<LOD	<LOD	42879.96	<LOD	3323	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	607	<LOD	<LOD	<LOD	6572.62	<LOD	437.32	<LOD	208	132.44
Butler 2	Niton XRF	MN10-115	ppm	110	110.1	919124.63	<LOD	<LOD	<LOD	<LOD	701	<LOD	18420.89	<LOD	<LOD	<LOD	150.26	<LOD	<LOD	38202.71	<LOD	<LOD	18856.8	<LOD	816	<LOD	23	<LOD	<LOD	<LOD	<LOD	30.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	853	<LOD	<LOD	<LOD	2012.55	<LOD	285.13	<LOD	124	328.13
Butler 2	Niton XRF	MN10-115	ppm	110	110.05	923948	<LOD		<LOD	<LOD		34.26	16849.86	<LOD		<LOD	131.85		<LOD	36786.91	<LOD	<LOD	16587.63		834.13	13.84	20.75	<LOD		30.45	<LOD	30.07	<LOD	<LOD	<LOD		<LOD		53.39	180.29	<LOD		15.99	2085.31	<LOD	282.09	<LOD	134.58	399.24
Butler 2	Niton XRF	MN10-115	ppm	111	111.1	933732.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25060.13	<LOD	<LOD	<LOD	111.57	<LOD	<LOD	32650.92	<LOD	<LOD	4234.39	<LOD	652	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	842	<LOD	<LOD	<LOD	2096.52	<LOD	123.46	<LOD	98	225.73
Butler 2	Niton XRF	MN10-115	ppm	112	112.1	945130.88	<LOD	<LOD	<LOD	<LOD	138	<LOD	14035.95	<LOD	<LOD	<LOD	101.9	<LOD	<LOD	27462.35	<LOD	<LOD	9344.96	<LOD	512	<LOD	23	<LOD	<LOD	<LOD	<LOD	8.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	689	<LOD	<LOD	<LOD	2144.66	<LOD	143.92	<LOD	<LOD	236.83
Butler 2	Niton XRF	MN10-115	ppm	113	113.1	921049.25	<LOD	<LOD	<LOD	<LOD	355	<LOD	13965.72	<LOD	<LOD	<LOD	81.76	<LOD	<LOD	41429.89	<LOD	<LOD	18420.68	<LOD	625	<LOD	28	<LOD	<LOD	<LOD	<LOD	14.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	686	<LOD	<LOD	<LOD	2769.33	<LOD	143.52	<LOD	107	308.37
Butler 2	Niton XRF	MN10-115	ppm	114	114.1	939079.56	<LOD	<LOD	<LOD	<LOD	296	<LOD	10548.12	<LOD	<LOD	<LOD	110.57	<LOD	<LOD	33594.41	<LOD	<LOD	11968.88	<LOD	720	<LOD	24	<LOD	<LOD	<LOD	<LOD	17.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	623	<LOD	<LOD	<LOD	2544.03	<LOD	141.39	<LOD	<LOD	277.36
Butler 2	Niton XRF	MN10-115	ppm	115	115.1	811396	<LOD	<LOD	<LOD	<LOD	216	<LOD	70509.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102546.37	<LOD	<LOD	7137.86	<LOD	2693	28	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1013	<LOD	<LOD	<LOD	3937.29	<LOD	<LOD	<LOD	124	128.81
Butler 2	Niton XRF	MN10-115	ppm	116	116.1	939678.38	<LOD	<LOD	<LOD	<LOD	357	<LOD	19159.15	<LOD	<LOD	<LOD	92.09	<LOD	<LOD	24898.45	<LOD	<LOD	11250.04	<LOD	717	<LOD	21	<LOD	<LOD	<LOD	<LOD	10.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	560	<LOD	<LOD	<LOD	2824.01	<LOD	140.48	<LOD	<LOD	262.03
Butler 2	Niton XRF	MN10-115	ppm	117	117.1	914767.31	<LOD	<LOD	<LOD	<LOD	452	<LOD	10288	<LOD	<LOD	<LOD	77	<LOD	<LOD	49629.21	<LOD	<LOD	20160.72	<LOD	722	<LOD	15	<LOD	<LOD	<LOD	<LOD	22.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	555	<LOD	<LOD	<LOD	2585.69	<LOD	291	<LOD	94	326.68
Butler 2	Niton XRF	MN10-115	ppm	118	118.1	859478.75	<LOD	<LOD	<LOD	<LOD	740	<LOD	28134.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69388.17	<LOD	<LOD	33882.6	<LOD	1841	<LOD	16	<LOD	<LOD	<LOD	<LOD	30.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1378	<LOD	<LOD	<LOD	4387.71	<LOD	381.71	<LOD	175	121.76

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 2	Niton XRF	MN10-115	ppm	119	119.1	908574.13	<LOD	<LOD	<LOD	<LOD	158	<LOD	25690.29	<LOD	<LOD	<LOD	85.09	<LOD	<LOD	49081.72	<LOD	<LOD	11588.12	<LOD	1610	<LOD	20	<LOD	<LOD	<LOD	<LOD	10.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	767	<LOD	<LOD	<LOD	1726.43	<LOD	211.42	<LOD	184	277.95
Butler 2	Niton XRF	MN10-115	ppm	120	120.1	874741.19	<LOD	<LOD	<LOD	<LOD	131	<LOD	22775.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60642.14	<LOD	<LOD	8693.4	<LOD	1116	<LOD	26	<LOD	<LOD	35	<LOD	7.24	<LOD	28267	<LOD	<LOD	<LOD	<LOD	<LOD	714	<LOD	<LOD	<LOD	2107.16	<LOD	207.24	<LOD	148	235.35
Butler 2	Niton XRF	MN10-115	ppm	121	121.1	908011.75	<LOD	<LOD	<LOD	<LOD	312	<LOD	7679.63	<LOD	<LOD	<LOD	96.25	<LOD	<LOD	52138.1	<LOD	<LOD	28144.86	<LOD	715	<LOD	26	<LOD	<LOD	<LOD	<LOD	21.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	479	<LOD	<LOD	<LOD	1847.37	<LOD	<LOD	<LOD	89	298.76
Butler 2	Niton XRF	MN10-115	ppm	121	121.05	898359.13	<LOD		<LOD	<LOD		<LOD	11803.62	<LOD		<LOD	<LOD		<LOD	64077.18	<LOD	<LOD	21845.87		812.02	<LOD	17.09	<LOD		<LOD	<LOD	19.4	<LOD	<LOD	<LOD		<LOD		55.25	81.46	<LOD		<LOD	1729.91	<LOD	90.93	<LOD	54.39	332.25
Butler 2	Niton XRF	MN10-115	ppm	122	122.1	583956.44	17	<LOD	<LOD	<LOD	<LOD	<LOD	34270.78	28	<LOD	<LOD	<LOD	<LOD	332	203923.81	<LOD	<LOD	6819.28	<LOD	4270	<LOD	<LOD	<LOD	<LOD	152	<LOD	7.51	<LOD	144644	<LOD	<LOD	<LOD	<LOD	82	83	<LOD	<LOD	<LOD	1832.59	<LOD	301.66	<LOD	19140	80.12
Butler 2	Niton XRF	MN10-115	ppm	123	123.1	790379.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6276.05	<LOD	<LOD	<LOD	164.27	<LOD	378	131558.8	<LOD	<LOD	5171.24	<LOD	1952	<LOD	20	<LOD	<LOD	108	<LOD	5.48	<LOD	60800	<LOD	<LOD	<LOD	<LOD	<LOD	297	<LOD	<LOD	<LOD	2137.86	<LOD	284.68	<LOD	357	98.15
Butler 2	Niton XRF	MN10-115	ppm	124	124.1	694452.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36676.82	<LOD	<LOD	<LOD	<LOD	<LOD	3191	172089.58	<LOD	<LOD	<LOD	<LOD	3085	<LOD	19	<LOD	<LOD	707	<LOD	<LOD	<LOD	84977	<LOD	<LOD	22	<LOD	93	72	<LOD	<LOD	<LOD	2790.55	<LOD	<LOD	<LOD	1462	147.15
Butler 2	Niton XRF	MN10-115	ppm	125	125.1	897239.94	<LOD	<LOD	<LOD	<LOD	431	<LOD	21896.04	<LOD	<LOD	<LOD	171.69	<LOD	<LOD	54038.25	<LOD	<LOD	20670.74	<LOD	1018	<LOD	18	<LOD	<LOD	35	<LOD	19.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	732	<LOD	<LOD	<LOD	3007.42	<LOD	323.71	<LOD	101	270.13
Butler 2	Niton XRF	MN10-115	ppm	125	125.05	868505.13	<LOD		<LOD	<LOD		<LOD	43447.98	<LOD		<LOD	120.67		<LOD	60041.36	<LOD	<LOD	21342.45		1719.63	<LOD	12.97	<LOD		17.99	<LOD	22.3	<LOD	<LOD	50.2		<LOD		64.13	538.33	<LOD		<LOD	2984.55	<LOD	212.28	<LOD	165.41	198.6
Butler 2	Niton XRF	MN10-115	ppm	126	126.1	938868.44	<LOD	<LOD	<LOD	<LOD	474	<LOD	10689.22	<LOD	<LOD	<LOD	132.67	<LOD	99	15090.46	<LOD	<LOD	30566.95	<LOD	667	<LOD	24	<LOD	<LOD	<LOD	<LOD	21.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	547	<LOD	<LOD	<LOD	2079.44	<LOD	277.3	<LOD	<LOD	430.42
Butler 2	Niton XRF	MN10-115	ppm	127	127.1	878192.06	<LOD	<LOD	<LOD	<LOD	502	<LOD	29392.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62116.36	<LOD	<LOD	24272.77	<LOD	963	<LOD	14	<LOD	<LOD	<LOD	<LOD	29.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	738	<LOD	<LOD	<LOD	2768.87	<LOD	303.39	<LOD	314	200.99
Butler 2	Niton XRF	MN10-115	ppm	128	128.1	852767.19	<LOD	<LOD	<LOD	<LOD	366	<LOD	55028.62	<LOD	<LOD	<LOD	101.25	<LOD	<LOD	61410.33	<LOD	<LOD	24908.21	<LOD	1420	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	588	<LOD	<LOD	<LOD	2661.72	<LOD	278.29	<LOD	219	186.43
Butler 2	Niton XRF	MN10-115	ppm	129	129.1	886618.81	<LOD	<LOD	<LOD	<LOD	495	<LOD	28708.63	<LOD	<LOD	630	97.74	<LOD	<LOD	50940.22	<LOD	<LOD	27066.47	<LOD	1002	<LOD	21	<LOD	<LOD	<LOD	<LOD	22.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	660	<LOD	<LOD	<LOD	2996.49	<LOD	226.81	<LOD	164	220.62
Butler 2	Niton XRF	MN10-115	ppm	130	130.1	886900.19	<LOD	<LOD	<LOD	<LOD	452	<LOD	25828.25	<LOD	<LOD	<LOD	172.68	<LOD	<LOD	59738.48	<LOD	<LOD	21170.34	<LOD	738	<LOD	16	<LOD	<LOD	48	<LOD	33.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	902	<LOD	<LOD	<LOD	3230.94	<LOD	279.71	<LOD	243	233.21
Butler 2	Niton XRF	MN10-115	ppm	131	131.1	857371.44	<LOD	<LOD	<LOD	<LOD	131	<LOD	54511.39	<LOD	<LOD	<LOD	111.48	<LOD	<LOD	73817.14	<LOD	<LOD	5876.42	<LOD	1423	<LOD	18	<LOD	<LOD	55	<LOD	12.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1186	<LOD	<LOD	<LOD	4681.31	<LOD	339.7	<LOD	239	196.39
Butler 2	Niton XRF	MN10-115	ppm	132	132.1	851227.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17739.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109384.9	<LOD	<LOD	2281.52	<LOD	15638	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	2872.87	<LOD	278.29	<LOD	404	95.51
Butler 2	Niton XRF	MN10-115	ppm	133	133.1	910451.5	<LOD	<LOD	<LOD	<LOD	396	<LOD	3151.49	<LOD	<LOD	<LOD	89.16	<LOD	<LOD	47620.74	<LOD	<LOD	32401.22	<LOD	669	<LOD	<LOD	<LOD	<LOD	32	<LOD	15.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	4347.87	<LOD	465.01	<LOD	151	122.46
Butler 2	Niton XRF	MN10-115	ppm	134	134.1	854559.88	<LOD	<LOD	<LOD	<LOD	184	<LOD	1294.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133419.23	<LOD	<LOD	4774.9	<LOD	1575	<LOD	21	<LOD	<LOD	<LOD	<LOD	4.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3289.98	<LOD	397.21	<LOD	286	154.61
Butler 2	Niton XRF	MN10-115	ppm	135	135.1	867989.88	<LOD	<LOD	<LOD	<LOD	551	<LOD	3924.72	<LOD	<LOD	<LOD	152.31	<LOD	<LOD	100294.05	<LOD	<LOD	20509.65	<LOD	1841	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	3780.58	<LOD	439.58	<LOD	210	157.41
Butler 2	Niton XRF	MN10-115	ppm	136	136.1	849871.69	<LOD	<LOD	<LOD	<LOD	188	<LOD	14663.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126114.73	<LOD	<LOD	4655.3	<LOD	1977	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1522.75	<LOD	385.94	<LOD	371	91.37
Butler 2	Niton XRF	MN10-115	ppm	137	137.1	828319.38	<LOD	<LOD	<LOD	<LOD	154	<LOD	1017.42	<LOD	<LOD	<LOD	<LOD	<LOD	440	137181.5	<LOD	<LOD	4939.62	<LOD	1222	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22851	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2335.7	<LOD	326.66	<LOD	1063	76.97
Butler 2	Niton XRF	MN10-115	ppm	138	138.1	884328.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1344.32	<LOD	<LOD	<LOD	<LOD	<LOD	135	110233.8	<LOD	<LOD	<LOD	<LOD	1262	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2070.8	<LOD	232.66	<LOD	172	86.73
Butler 2	Niton XRF	MN10-115	ppm	139	139.1	870295.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3433.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119778.76	<LOD	<LOD	<LOD	<LOD	1071	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3040.83	<LOD	666.4	<LOD	158	128.04
Butler 2	Niton XRF	MN10-115	ppm	140	140.1	886545.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1216.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97197.65	<LOD	<LOD	10685.71	<LOD	831	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2871.2	<LOD	352.91	<LOD	124	114.83
Butler 2	Niton XRF	MN10-115	ppm	140	140.05	881940.13	<LOD		<LOD	<LOD		<LOD	2307.2	<LOD		<LOD	91.02		<LOD	104157.88	<LOD	<LOD	6581.38		876.97	<LOD	13.49	<LOD		<LOD	<LOD	7.4	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3332.16	<LOD	421.59	<LOD	129.26	113.71
Butler 2	Niton XRF	MN10-115	ppm	141	141.1	826658.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1372.95	<LOD	<LOD	<LOD	<LOD	<LOD	216	127043.2	<LOD	<LOD	5610.37	<LOD	459	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.19	<LOD	34579	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3177.32	<LOD	389.87	<LOD	205	136.91
Butler 2	Niton XRF	MN10-115	ppm	142	142.1	995269.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3111.98	<LOD	<LOD	<LOD	125.49	<LOD	<LOD	1100.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	326.53	<LOD	36.95	<LOD	<LOD	<LOD
Butler 2	Niton XRF	MN10-115	ppm	143	143.1	943997.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	550.55	<LOD	<LOD	<LOD	137.64	<LOD	<LOD	47985.95	<LOD	<LOD	3903.11	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	7.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2861.37	<LOD	229.99	<LOD	129	100.72
Butler 2	Niton XRF	MN10-115	ppm	144	144.1	819201.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35525.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136333.63	<LOD	<LOD	<LOD	<LOD	1031	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6066.76	<LOD	918.07	<LOD	421	255.92
Butler 2	Niton XRF	MN10-115	ppm	145	145.1	930819.38	<LOD	<LOD	<LOD	<LOD	442	<LOD	1273.58	<LOD	<LOD	<LOD	100.46	<LOD	<LOD	35789.84	<LOD	<LOD	29445.94	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	19.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	1633.82	<LOD	125.64	<LOD	56	200.47
Butler 2	Niton XRF	MN10-115	ppm	146	146.1	944692.69	<LOD	<LOD	<LOD	<LOD	236	<LOD	<LOD	<LOD	<LOD	<LOD	119.16	<LOD	<LOD	29480.33	<LOD	<LOD	21844.92	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	14.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	3300.98	<LOD	<LOD	<LOD	52	164.61
Butler 2	Niton XRF	MN10-115	ppm	147	147.1	893143.25	<LOD	<LOD	<LOD	<LOD	1024	<LOD	<LOD	<LOD	<LOD	<LOD	74.8	<LOD	<LOD	31606.78	<LOD	<LOD	72883.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	547.35	<LOD	223.82	<LOD	52	152.25
Butler 2	Niton XRF	MN10-115	ppm	148	148.1	912697.69	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	<LOD	<LOD	85.98	<LOD	<LOD	62943.77	<LOD	<LOD	22506.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	772.71	<LOD	145.07	<LOD	80	167.95
Butler 2	Niton XRF	MN10-115	ppm	149	149.1	898494.63	<LOD	<LOD	<LOD	<LOD	319	<LOD	<LOD	<LOD	<LOD	<LOD	97.36	<LOD	<LOD	75929.23	<LOD	<LOD	16359.75	<LOD	620	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	6485.28	<LOD	<LOD	<LOD	58	115.2
Butler 2	Niton XRF	MN10-115	ppm	150	150.1	898255.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5516.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81334.19	<LOD	<LOD	11362.16	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	14.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	291	<LOD	<LOD	<LOD	2422.83	<LOD	404.21	<LOD	83	153.54
Butler 2	Niton XRF	MN10-115	ppm	151	151.1	916976.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2330.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76694.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3096.85	<LOD	365.63	<LOD	120	146.45
Butler 2	Niton XRF	MN10-115	ppm	152	152.1	907551.5	<LOD	<LOD	<LOD	<LOD	281	<LOD	<LOD	<LOD	<LOD	<LOD	77.74	<LOD	121	57761.74	<LOD	<LOD	30136.81	<LOD	<LOD	22	30	<LOD	<LOD	<LOD	<LOD	27.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	<LOD	2268.94	<LOD	147.53	<LOD	56	170.35
Butler 2	Niton XRF	MN10-115	ppm	153	153.1	909244.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	888.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73987.28	<LOD	<LOD	13204.49	<LOD	399	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	1706.13	<LOD	<LOD	<LOD	72	195.49
Butler 2	Niton XRF	MN10-115	ppm	154	154.1	919082.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89.91	<LOD	<LOD	51448.14	<LOD	<LOD	22318.34	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	15.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102	<LOD	<LOD	<LOD	1505.28	<LOD	<LOD	<LOD	71	313.04
Butler 2	Niton XRF	MN10-115	ppm	155	155.1	912926.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1892.03	<LOD	<LOD	<LOD	85.78	<LOD	<LOD	62639	<LOD	<LOD	14337.4	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	10.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	1685.04	<LOD	<LOD	<LOD	69	178.08
Butler 2	Niton XRF	MN10-115	ppm	156	156.1	903575.19	<LOD	<LOD	<LOD	<LOD	117	<LOD	1879.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62057.01	<LOD	<LOD	30211.07	<LOD	443	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	1284.81	<LOD	<LOD	<LOD	57	120.6
Butler 2	Niton XRF	MN10-115	ppm	157	157.1	918774.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1343.23	<LOD	<LOD	<LOD	116.47	<LOD	313	59474.53	<LOD	<LOD	18146.02	<LOD	460	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75	<LOD	<LOD	<LOD	1059.65	<LOD	<LOD	<LOD	94	109.69
Butler 2	Niton XRF	MN10-115	ppm	158	158.1	875235.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2284.57	<LOD	<LOD	<LOD	140.33	<LOD	311	108084.21	<LOD	<LOD	10291.27	<LOD	651	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2485.9	<LOD	<LOD	<LOD	142	127.93
Butler 2	Niton XRF	MN10-115	ppm	159	159.1	809581.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52702.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117028.22	<LOD	<LOD	12304.15	<LOD	3056	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93	<LOD	<LOD	<LOD	4280.21	<LOD	608.12	<LOD	142	59.01
Butler 2	Niton XRF	MN10-115	ppm	160	160.1	918933	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1694.22	<LOD	<LOD	<LOD	90.9	<LOD	<LOD	61213.81	<LOD	<LOD	15202.35	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	12.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	2142.62	<LOD	<LOD	<LOD	79	263.52
Butler 2	Niton XRF	MN10-115	ppm	161	161.1	902212	<LOD	<LOD	<LOD	<LOD	143	<LOD	1246.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74995.78	<LOD	<LOD	18192.37	<LOD	447	<LOD	15	<LOD	<LOD	<LOD	<LOD	16.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90	<LOD	<LOD	<LOD	2279.13	<LOD	<LOD	<LOD	82	264.17
Butler 2	Niton XRF	MN10-115	ppm	162	162.1	899717.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2199.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87180.84	<LOD	<LOD	7789.58	<LOD	408	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	2127.1	<LOD	<LOD	<LOD	82	244.07
Butler 2	Niton XRF	MN10-115	ppm	162	162.05	910527.25	<LOD		<LOD	<LOD		<LOD	1359.47	<LOD		<LOD	<LOD		<LOD	72523.59	<LOD	<LOD	11958.07		418.49	<LOD	19.22	<LOD		<LOD	<LOD	6.74	<LOD	<LOD	42.05		<LOD		44.69	24.5	<LOD		<LOD	2188.38	<LOD	111.4	<LOD	63.54	194.4
Butler 2	Niton XRF	MN10-115	ppm	163	163.1	914070.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2592.1	<LOD	<LOD	<LOD	91.57	<LOD	<LOD	66727.76	<LOD	<LOD	13317.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2270.96	<LOD	<LOD	<LOD	74	248.52
Butler 2	Niton XRF	MN10-115	ppm	164	164.1	823699.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35187.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128696.38	<LOD	<LOD	<LOD	<LOD	971	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114	<LOD	<LOD	<LOD	2961.51	<LOD	622.7	<LOD	120	178.11
Butler 2	Niton XRF	MN10-115	ppm	165	165.1	917743.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1722.96	<LOD	<LOD	<LOD	98.74	<LOD	<LOD	77797.27	<LOD	<LOD	<LOD	<LOD	650	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1525.39	<LOD	217.43	<LOD	150	53.51
Butler 2	Niton XRF	MN10-115	ppm	166	166.1	888583.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1535.52	<LOD	<LOD	<LOD	<LOD	<LOD	433	104402.47	<LOD	<LOD	<LOD	<LOD	1031	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3249.08	<LOD	311.61	<LOD	296	123.84
Butler 2	Niton XRF	MN10-115	ppm	167	167.1	860146.31	<LOD	<LOD	<LOD	<LOD	320	<LOD	2025.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113911.01	<LOD	<LOD	16309.31	<LOD	1852	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85	<LOD	<LOD	<LOD	4275.28	<LOD	417.19	<LOD	434	153.57
Butler 2	Niton XRF	MN10-115	ppm	168	168.1	879090.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2893.7	<LOD	<LOD	<LOD	185.68	<LOD	<LOD	106604.89	<LOD	<LOD	6330.98	<LOD	1384	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120	<LOD	<LOD	<LOD	2261.35	<LOD	372.71	<LOD	459	85.29
Butler 2	Niton XRF	MN10-115	ppm	169	169.1	877812.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1953.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102257.23	<LOD	<LOD	11733.62	<LOD	1507	<LOD	14	<LOD	<LOD	<LOD	<LOD	5.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3616.37	<LOD	358.58	<LOD	373	143.03
Butler 2	Niton XRF	MN10-115	ppm	170	170.1	849484.38	<LOD	<LOD	<LOD	<LOD	118	<LOD	60714.36	<LOD	<LOD	<LOD	142.51	<LOD	<LOD	75326.81	<LOD	<LOD	8230.76	<LOD	2820	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	238	<LOD	<LOD	<LOD	2488.35	<LOD	186.35	<LOD	142	71.03
Butler 2	Niton XRF	MN10-115	ppm	171	171.1	857782.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39017.06	<LOD	<LOD	<LOD	137.57	<LOD	<LOD	93228.26	<LOD	<LOD	4015.47	<LOD	2409	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	165	<LOD	<LOD	<LOD	2637.55	<LOD	198.46	<LOD	210	66.01
Butler 2	Niton XRF	MN10-115	ppm	172	172.1	880185.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53075.15	<LOD	<LOD	<LOD	96.85	<LOD	<LOD	59839.6	<LOD	<LOD	3563.87	<LOD	1601	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	236	<LOD	<LOD	<LOD	990.56	<LOD	190.48	<LOD	163	35.47
Butler 2	Niton XRF	MN10-115	ppm	173	173.1	854934.94	<LOD	<LOD	<LOD	<LOD	193	<LOD	28324.44	<LOD	<LOD	<LOD	135.01	<LOD	<LOD	100379.04	<LOD	<LOD	9367.92	<LOD	2953	<LOD	13	<LOD	<LOD	<LOD	<LOD	12.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	219	<LOD	<LOD	<LOD	2746.56	<LOD	390.98	<LOD	232	76.5
Butler 2	Niton XRF	MN10-115	ppm	174	174.1	878907.5	<LOD	<LOD	<LOD	<LOD	236	<LOD	34414.18	<LOD	<LOD	<LOD	145.19	<LOD	<LOD	71723.48	<LOD	<LOD	8865.31	<LOD	1763	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	372	<LOD	<LOD	<LOD	2859.93	<LOD	336.25	<LOD	149	82.08
Butler 2	Niton XRF	MN10-115	ppm	175	175.1	892328.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52172.21	<LOD	<LOD	<LOD	132.94	<LOD	<LOD	48452.89	<LOD	<LOD	3223.5	<LOD	1357	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	270	<LOD	<LOD	<LOD	1686.4	<LOD	184.04	<LOD	107	51.07
Butler 2	Niton XRF	MN10-115	ppm	176	176.1	835761.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59222.45	<LOD	<LOD	<LOD	161.93	<LOD	<LOD	95513.7	<LOD	<LOD	<LOD	<LOD	2001	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	182	<LOD	<LOD	<LOD	3735.88	<LOD	368.37	<LOD	308	77.73
Butler 2	Niton XRF	MN10-115	ppm	177	177.1	885980.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10119.55	<LOD	<LOD	<LOD	190.48	<LOD	<LOD	95236.1	<LOD	<LOD	3240.54	<LOD	2061	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	<LOD	2265.79	<LOD	302.77	<LOD	183	66.13
Butler 2	Niton XRF	MN10-115	ppm	177	177.05	892047.75	<LOD		<LOD	<LOD		<LOD	15073.15	<LOD		<LOD	84.1		<LOD	74109.06	<LOD	<LOD	11684.62		1744.16	<LOD	8.24	104.56		<LOD	<LOD	8.59	<LOD	<LOD	37.81		<LOD		57.25	315.99	<LOD		<LOD	2961.05	<LOD	398.3	<LOD	1126.36	89.5
Butler 2	Niton XRF	MN10-115	ppm	178	178.1	862183.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41512.31	<LOD	<LOD	<LOD	166.52	<LOD	<LOD	82297.27	<LOD	<LOD	8380.55	<LOD	1400	<LOD	17	<LOD	<LOD	<LOD	<LOD	7.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	688	<LOD	<LOD	<LOD	2723.23	<LOD	369.42	<LOD	61	72.44
Butler 2	Niton XRF	MN10-115	ppm	179	179.1	883977.88	<LOD	<LOD	<LOD	<LOD	200	<LOD	7184.17	<LOD	<LOD	<LOD	134.11	<LOD	<LOD	83550.74	<LOD	<LOD	20480.92	<LOD	1079	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	2672.16	<LOD	232.33	<LOD	160	71.18
Butler 2	Niton XRF	MN10-115	ppm	180	180.1	878822.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3136.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108482.41	<LOD	<LOD	3855.64	<LOD	1953	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	2785.7	<LOD	424.26	<LOD	161	78.98
Butler 2	Niton XRF	MN10-115	ppm	181	181.1	878196.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3442.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103403.85	<LOD	<LOD	7704.09	<LOD	1731	<LOD	21	<LOD	<LOD	<LOD	<LOD	5.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	4663.43	<LOD	315.66	<LOD	193	162.32
Butler 2	Niton XRF	MN10-115	ppm	182	182.1	891697.56	<LOD	<LOD	<LOD	<LOD	171	<LOD	12676.7	<LOD	<LOD	<LOD	139.81	<LOD	<LOD	84849.07	<LOD	<LOD	5166.22	<LOD	1180	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150	<LOD	<LOD	<LOD	3435.96	<LOD	286.97	<LOD	123	77.73
Butler 2	Niton XRF	MN10-115	ppm	183	183.1	912634	<LOD	<LOD	<LOD	<LOD	141	<LOD	2876.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65036.66	<LOD	<LOD	13052.51	<LOD	1219	<LOD	16	<LOD	<LOD	<LOD	<LOD	9.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	4097.92	<LOD	443.72	<LOD	105	199.68
Butler 2	Niton XRF	MN10-115	ppm	184	184.1	931395.75	<LOD	<LOD	<LOD	<LOD	113	<LOD	1639.4	<LOD	<LOD	<LOD	98.22	<LOD	<LOD	39587.47	<LOD	<LOD	22364.58	<LOD	417	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3753.18	<LOD	353.56	<LOD	<LOD	174.22
Butler 2	Niton XRF	MN10-115	ppm	185	185.1	931381.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3217.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57955.34	<LOD	<LOD	2928.02	<LOD	500	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	3284.9	<LOD	418.96	<LOD	60	130.68
Butler 2	Niton XRF	MN10-115	ppm	185	185.05	923066.38	<LOD		<LOD	<LOD		<LOD	3363.45	<LOD		<LOD	79.01		<LOD	65530.87	<LOD	<LOD	2764.38		625.77	<LOD	14.34	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		50.09	24.13	<LOD		<LOD	3596.51	<LOD	385.79	<LOD	65.07	137.05
Butler 2	Niton XRF	MN10-115	ppm	185.8	185.93	853513.5	<LOD	<LOD	<LOD	<LOD	179	<LOD	8880.74	<LOD	<LOD	<LOD	144.2	<LOD	<LOD	90945.16	<LOD	<LOD	40653.09	<LOD	552	<LOD	14	<LOD	<LOD	<LOD	<LOD	48.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	4374.5	<LOD	400.06	<LOD	69	139.39
Butler 2	Niton XRF	MN10-88	ppm	21.3	21.4	883374.38	<LOD		<LOD		516	<LOD	<LOD	<LOD		<LOD	139.91		<LOD	83257.63			27438.18		646	<LOD	14	<LOD		<LOD	<LOD	19.42		<LOD	<LOD		<LOD		<LOD	106				2795.28		251.08	<LOD	118	188.55
Butler 2	Niton XRF	MN10-88	ppm	22	22.1	883811.63	<LOD		<LOD		233	<LOD	2584.4	<LOD		<LOD	135.64		<LOD	82747.5			24416.21		865	<LOD	<LOD	<LOD		<LOD	<LOD	10.86		<LOD	<LOD		<LOD		<LOD	72				4025.56		442.19	<LOD	478	162.08
Butler 2	Niton XRF	MN10-88	ppm	23	23.1	839977.75	<LOD		<LOD		<LOD	<LOD	5342.98	<LOD		<LOD	<LOD		1815	117569.02			<LOD		953	46	<LOD	<LOD		<LOD	<LOD	<LOD		29882	<LOD		<LOD		<LOD	<LOD				1958.57		<LOD	<LOD	225	122.66
Butler 2	Niton XRF	MN10-88	ppm	24	24.1	882608.31	<LOD		<LOD		160	<LOD	1192.85	<LOD		<LOD	<LOD		2366	95449.79			6973.22		749	<LOD	13	<LOD		<LOD	<LOD	4.11		<LOD	<LOD		<LOD		<LOD	<LOD				1899.89		<LOD	<LOD	809	159.25
Butler 2	Niton XRF	MN10-88	ppm	25	25.1	776757.5	<LOD		<LOD		<LOD	<LOD	1137.05	<LOD		<LOD	258.97		<LOD	197001.5			<LOD		1838	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		19979	<LOD		<LOD		<LOD	<LOD				1903.57		296.71	<LOD	701	106.8
Butler 2	Niton XRF	MN10-88	ppm	26	26.1	879654.44	<LOD		<LOD		<LOD	<LOD	4984.74	<LOD		<LOD	151.92		<LOD	112205.88			<LOD		900	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1474.47		273.69	<LOD	252	52
Butler 2	Niton XRF	MN10-88	ppm	27	27.1	802131.94	<LOD		<LOD		<LOD	<LOD	2601.69	<LOD		<LOD	184.25		<LOD	190141.27			<LOD		1687	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2560.56		279.86	<LOD	285	98.63
Butler 2	Niton XRF	MN10-88	ppm	28	28.1	904339.88	<LOD		<LOD		<LOD	<LOD	3700.4	<LOD		<LOD	124.69		505	80819.61			<LOD		786	18	<LOD	<LOD		<LOD	<LOD	<LOD		7822	<LOD		<LOD		<LOD	<LOD				1593.84		<LOD	<LOD	101	55.65
Butler 2	Niton XRF	MN10-88	ppm	29	29.1	857207.94	<LOD		<LOD		<LOD	<LOD	1289.18	<LOD		<LOD	163.22		115	137837.5			<LOD		1160	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1628.96		389.01	<LOD	126	64.5
Butler 2	Niton XRF	MN10-88	ppm	30	30.1	880316	<LOD		<LOD		<LOD	<LOD	1267.17	<LOD		<LOD	174.43		123	114731.17			<LOD		1014	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2015.1		171.92	<LOD	83	54.43
Butler 2	Niton XRF	MN10-88	ppm	31	31.1	884125.44	<LOD		<LOD		<LOD	<LOD	732.52	<LOD		<LOD	148.53		<LOD	112003.28			<LOD		852	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1648.4		165.66	<LOD	159	56.94
Butler 2	Niton XRF	MN10-88	ppm	32	32.1	811677.56	<LOD		<LOD		<LOD	<LOD	1319.78	<LOD		<LOD	<LOD		207	181806.33			<LOD		1813	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2360.72		419.13	<LOD	154	81.25
Butler 2	Niton XRF	MN10-88	ppm	33	33.1	849274.13	<LOD		<LOD		<LOD	<LOD	625.2	<LOD		<LOD	154.45		124	139500.09			<LOD		1224	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1707.23		226.07	<LOD	168	62.7
Butler 2	Niton XRF	MN10-88	ppm	34	34.1	854697.13	<LOD		<LOD		<LOD	<LOD	800.84	<LOD		<LOD	<LOD		<LOD	140319.5			<LOD		1549	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1949.72		302.71	<LOD	187	73.71
Butler 2	Niton XRF	MN10-88	ppm	35	35.1	816703.81	<LOD		<LOD		<LOD	<LOD	8333.19	<LOD		<LOD	144.32		309	161886.38			<LOD		1453	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2316.08		246.07	<LOD	162	49.2
Butler 2	Niton XRF	MN10-88	ppm	36	36.1	866832.25	<LOD		<LOD		<LOD	<LOD	494.41	<LOD		<LOD	117.95		<LOD	128316.8			<LOD		1296	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1855.98		175.74	<LOD	97	63.34
Butler 2	Niton XRF	MN10-88	ppm	37	37.1	841241.63	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	133.94		2821	128687.88			<LOD		1119	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		23891	<LOD		<LOD		<LOD	<LOD				1626.93		270.06	<LOD	101	76.15
Butler 2	Niton XRF	MN10-88	ppm	38	38.1	885729.06	<LOD		<LOD		<LOD	<LOD	1521.81	<LOD		<LOD	<LOD		<LOD	99273.32			<LOD		1312	21	<LOD	<LOD		<LOD	<LOD	<LOD		10111	<LOD		<LOD		<LOD	<LOD				1497.44		234.58	<LOD	151	67.09
Butler 2	Niton XRF	MN10-88	ppm	39	39.1	842089.06	<LOD		<LOD		<LOD	<LOD	876.92	<LOD		<LOD	<LOD		1496	129012.37			<LOD		1500	20	<LOD	<LOD		<LOD	<LOD	<LOD		22586	<LOD		<LOD		<LOD	<LOD				1692.89		274.44	<LOD	343	83.76
Butler 2	Niton XRF	MN10-88	ppm	40	40.1	872048.75	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	128.04		<LOD	122991.94			<LOD		1969	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1615.83		254.46	<LOD	287	54.56
Butler 2	Niton XRF	MN10-88	ppm	41	41.1	883211.69	<LOD		<LOD		<LOD	<LOD	2894.47	<LOD		<LOD	129.59		149	109628.38			<LOD		1605	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1702.43		265.37	<LOD	337	57.94
Butler 2	Niton XRF	MN10-88	ppm	42	42.1	815035.88	<LOD		<LOD		<LOD	<LOD	2814.6	<LOD		<LOD	<LOD		137	174929.02			<LOD		2825	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2894.15		432.96	<LOD	679	114.82
Butler 2	Niton XRF	MN10-88	ppm	43	43.1	860977.56	<LOD		<LOD		<LOD	<LOD	3913.82	<LOD		<LOD	124.81		201	121039.57			<LOD		1568	<LOD	<LOD	160		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1818.47		<LOD	<LOD	1479	64.89
Butler 2	Niton XRF	MN10-88	ppm	44	44.1	855531.75	<LOD		<LOD		<LOD	<LOD	8190.64	<LOD		<LOD	<LOD		234	110877.52			<LOD		1690	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		20991	<LOD		<LOD		<LOD	<LOD				1231.15		289.38	<LOD	682	54.56
Butler 2	Niton XRF	MN10-88	ppm	45	45.1	864262.88	<LOD		<LOD		<LOD	<LOD	6516.28	<LOD		<LOD	148.4		<LOD	116307.78			<LOD		2391	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2397.93		281.37	<LOD	590	83.62
Butler 2	Niton XRF	MN10-88	ppm	46	46.1	964552.69	<LOD		<LOD		<LOD	<LOD	1585.35	<LOD		<LOD	122.4		<LOD	28225.29			4253.58		375	<LOD	<LOD	<LOD		<LOD	<LOD	4.6		<LOD	<LOD		<LOD		<LOD	<LOD				611.8		110.78	<LOD	90	9.4

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 2	Niton XRF	MN10-88	ppm	47	47.1	863164.13	<LOD		<LOD		149	<LOD	2257.49	<LOD		<LOD	<LOD		<LOD	125559.59			4300.6		1194	<LOD	<LOD	<LOD		<LOD	<LOD	4.12		<LOD	<LOD		<LOD		<LOD	<LOD				2629.96		225.29	<LOD	269	90.54
Butler 2	Niton XRF	MN10-88	ppm	48	48.1	807621.31	<LOD		<LOD		356	<LOD	17005.51	<LOD		<LOD	161.96		447	85400.62			20625.09		786	<LOD	16	<LOD		<LOD	<LOD	13.83		64531	<LOD		<LOD		<LOD	69				2413.73		255.86	<LOD	170	98.38
Butler 2	Niton XRF	MN10-88	ppm	49	49.1	785125.88	<LOD		<LOD		228	<LOD	13968.81	<LOD		<LOD	<LOD		120	83075.45			16433.38		571	<LOD	16	<LOD		<LOD	<LOD	13.94		97857	<LOD		<LOD		<LOD	143				1826.3		194.29	<LOD	321	77.83
Butler 2	Niton XRF	MN10-88	ppm	50	50.1	899647.38	<LOD		<LOD		234	<LOD	4362.17	<LOD		<LOD	<LOD		<LOD	88586.27			3377.12		1133	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1896.03		192.03	<LOD	436	96.11
Butler 2	Niton XRF	MN10-88	ppm	51	51.1	918182.75	<LOD		<LOD		233	<LOD	7600.04	<LOD		<LOD	<LOD		<LOD	58355.66			8702.95		633	<LOD	22	<LOD		<LOD	<LOD	12.3		<LOD	<LOD		<LOD		<LOD	217				5493.9		<LOD	<LOD	220	288.02
Butler 2	Niton XRF	MN10-88	ppm	52	52.1	814315.63	<LOD		<LOD		<LOD	<LOD	31303.97	<LOD		<LOD	<LOD		482	134035.03			8996.52		1728	21	22	<LOD		<LOD	<LOD	10.23		<LOD	<LOD		<LOD		<LOD	603				7461.03		511.93	<LOD	244	107.2
Butler 2	Niton XRF	MN10-88	ppm	53	53.1	871464.69	<LOD		<LOD		365	<LOD	<LOD	<LOD		<LOD	219.55		<LOD	89178.01			20168.88		1090	<LOD	<LOD	<LOD		<LOD	<LOD	15.22		12381	<LOD		<LOD		<LOD	36				3177.03		218.98	<LOD	520	118.46
Butler 2	Niton XRF	MN10-88	ppm	54	54.1	867889.88	<LOD		<LOD		127	<LOD	1332.18	<LOD		<LOD	204.38		<LOD	115207.51			10814.75		1321	<LOD	<LOD	<LOD		<LOD	<LOD	7.76		<LOD	<LOD		<LOD		<LOD	<LOD				2534.87		259.09	<LOD	200	76.5
Butler 2	Niton XRF	MN10-88	ppm	55	55.1	868432.25	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	231.68		<LOD	122215.6			4452.52		1555	<LOD	<LOD	203		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2333.09		255.11	<LOD	216	83.85
Butler 2	Niton XRF	MN10-88	ppm	56	56.1	898641.19	<LOD		<LOD		<LOD	<LOD	1207.27	<LOD		<LOD	151.93		<LOD	95377.4			<LOD		1379	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1512.1		328.88	<LOD	162	51.08
Butler 2	Niton XRF	MN10-88	ppm	57	57.1	861953.13	<LOD		<LOD		<LOD	<LOD	584.23	<LOD		<LOD	128.54		<LOD	132781.42			<LOD		1506	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2339.71		<LOD	<LOD	341	78.97
Butler 2	Niton XRF	MN10-88	ppm	58	58.1	689990.44	<LOD		<LOD		<LOD	<LOD	5800.08	<LOD		<LOD	<LOD		<LOD	171589.63			9968.28		1644	<LOD	<LOD	<LOD		<LOD	<LOD	10.79		116108	<LOD		<LOD		<LOD	<LOD				3863.75		316.68	<LOD	280	153.19
Butler 2	Niton XRF	MN10-88	ppm	59	59.1	840694.88	<LOD		<LOD		300	<LOD	<LOD	<LOD		<LOD	229.18		<LOD	113904.09			28766		2180	<LOD	<LOD	<LOD		<LOD	<LOD	22.18		<LOD	<LOD		<LOD		<LOD	59				3286.22		402.94	<LOD	421	152.83
Butler 2	Niton XRF	MN10-88	ppm	60	60.1	906849.63	<LOD		<LOD		122	<LOD	1858.35	<LOD		<LOD	255.97		<LOD	69433.03			9761		1654	<LOD	<LOD	<LOD		<LOD	<LOD	7.29		<LOD	<LOD		<LOD		<LOD	<LOD				2670.65		303.03	<LOD	391	88.08
Butler 2	Niton XRF	MN10-88	ppm	61	61.1	938177.88	<LOD		<LOD		<LOD	<LOD	683.81	<LOD		<LOD	154.6		<LOD	36734.43			9756.14		744	17	<LOD	<LOD		<LOD	<LOD	10.38		7610	<LOD		<LOD		<LOD	39				4975.38		<LOD	<LOD	1050	20.45
Butler 2	Niton XRF	MN10-88	ppm	62	62.1	868181.63	<LOD		<LOD		151	<LOD	1734.51	<LOD		<LOD	<LOD		<LOD	105269.66			11059.6		2104	<LOD	<LOD	<LOD		<LOD	<LOD	7.22		<LOD	<LOD		<LOD		<LOD	<LOD				2632.74		293.03	<LOD	206	85.97
Butler 2	Niton XRF	MN10-88	ppm	64	64.1	850873.69	<LOD		<LOD		172	<LOD	<LOD	<LOD		<LOD	<LOD		594	132909.98			9470.56		1931	<LOD	<LOD	<LOD		<LOD	<LOD	5.17		<LOD	<LOD		<LOD		<LOD	35				2358.78		354.9	<LOD	270	85.23
Butler 2	Niton XRF	MN10-88	ppm	65	65.1	833346.19	<LOD		<LOD		616	<LOD	<LOD	<LOD		<LOD	209.59		202	103880.63			46677.51		1392	<LOD	<LOD	<LOD		<LOD	<LOD	26.39		9323	<LOD		<LOD		<LOD	118				3359.5		530.1	<LOD	182	112.75
Butler 2	Niton XRF	MN10-88	ppm	66	66.1	880569.06	<LOD		<LOD		<LOD	<LOD	790.53	<LOD		<LOD	<LOD		<LOD	96026.27			<LOD		1034	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		19543	<LOD		<LOD		<LOD	<LOD				1561.75		160.4	<LOD	168	55.27
Butler 2	Niton XRF	MN10-88	ppm	67	67.1	921045.81	<LOD		<LOD		366	29	1230.49	<LOD		<LOD	104.43		<LOD	50084.72			23933.28		762	20	23	<LOD		<LOD	<LOD	13.53		<LOD	<LOD		<LOD		<LOD	46				1731.52		196.08	<LOD	93	308.17
Butler 2	Niton XRF	MN10-88	ppm	68	68.1	922576.88	<LOD		<LOD		332	<LOD	8126.31	<LOD		<LOD	106.43		<LOD	43268.38			22650.51		<LOD	<LOD	22	<LOD		<LOD	<LOD	28.75		<LOD	<LOD		<LOD		<LOD	440				1808.91		212.88	<LOD	86	304.49
Butler 2	Niton XRF	MN10-88	ppm	69	69.1	921681.69	<LOD		<LOD		310	<LOD	4366.11	<LOD		<LOD	69.59		<LOD	49985.5			20493.58		352	<LOD	22	<LOD		<LOD	<LOD	21.29		<LOD	<LOD		<LOD		<LOD	291				1807.4		183.03	<LOD	99	302
Butler 2	Niton XRF	MN10-88	ppm	70	70.1	910945.56	<LOD		<LOD		327	<LOD	6582.11	<LOD		<LOD	101.47		<LOD	51716.83			26929.69		369	<LOD	26	<LOD		<LOD	<LOD	28.34		<LOD	<LOD		<LOD		<LOD	472				1823.84		192.47	<LOD	130	340.26
Butler 2	Niton XRF	MN10-88	ppm	71	71.1	891214.38	<LOD		<LOD		<LOD	<LOD	3671.74	<LOD		<LOD	<LOD		<LOD	99520.74			<LOD		703	<LOD	19	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				4052.8		320.57	<LOD	211	147.92
Butler 2	Niton XRF	MN10-88	ppm	72	72.1	900928.75	<LOD		<LOD		117	<LOD	18410.97	<LOD		<LOD	<LOD		<LOD	64100.08			13053.58		501	<LOD	14	<LOD		<LOD	<LOD	6.75		<LOD	<LOD		<LOD		<LOD	55				2341.66		128.86	<LOD	139	188.44
Butler 2	Niton XRF	MN10-88	ppm	73	73.1	858614.63	<LOD		<LOD		<LOD	<LOD	34509.83	<LOD		<LOD	142.33		<LOD	96669.27			4802.93		1350	<LOD	50	<LOD		<LOD	<LOD	5.37		<LOD	<LOD		<LOD		<LOD	68				3224.78		259.64	<LOD	104	86.3
Butler 2	Niton XRF	MN10-88	ppm	74	74.1	901885.31	<LOD		<LOD		<LOD	<LOD	2931.74	<LOD		<LOD	<LOD		<LOD	87776.64			3446.86		666	<LOD	19	<LOD		<LOD	<LOD	7.59		<LOD	<LOD		<LOD		<LOD	<LOD				2704.86		<LOD	<LOD	99	220.26
Butler 2	Niton XRF	MN10-88	ppm	75	75.1	906221.88	<LOD		<LOD		<LOD	<LOD	2358.22	<LOD		<LOD	<LOD		<LOD	87152.4			<LOD		546	23	15	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1770.81		169.05	<LOD	50	349.33
Butler 2	Niton XRF	MN10-88	ppm	76	76.1	848542.19	<LOD		<LOD		140	<LOD	10024.18	<LOD		<LOD	138.85		<LOD	130254.67			6193.67		930	<LOD	48	<LOD		<LOD	<LOD	9.74		<LOD	<LOD		<LOD		<LOD	59				2925.32		327.5	<LOD	108	282.3
Butler 2	Niton XRF	MN10-88	ppm	77	77.1	813053.13	<LOD		<LOD		<LOD	<LOD	27061.86	<LOD		<LOD	<LOD		369	143932.19			<LOD		822	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	38				5035.32		847.02	<LOD	214	136.92
Butler 2	Niton XRF	MN10-88	ppm	78	78.1	869464.19	<LOD		<LOD		234	<LOD	41510.5	<LOD		<LOD	118.4		<LOD	66678.52			10518.54		824	<LOD	17	<LOD		72	<LOD	12.36		<LOD	<LOD		<LOD		<LOD	1409				2784.49		282.36	<LOD	336	143.57
Butler 2	Niton XRF	MN10-88	ppm	79	79.1	886530.31	<LOD		<LOD		421	<LOD	28582.27	<LOD		<LOD	144.73		<LOD	54048.26			24588.79		1110	<LOD	21	<LOD		<LOD	<LOD	28.27		<LOD	<LOD		<LOD		<LOD	783				2798.86		375.68	<LOD	185	258.94
Butler 2	Niton XRF	MN10-88	ppm	80	80.1	954904.69	<LOD		<LOD		325	<LOD	7155.66	<LOD		<LOD	145.51		<LOD	17417.94			17080.96		363	<LOD	21	<LOD		<LOD	<LOD	10.14		<LOD	<LOD		<LOD		<LOD	234				1677.98		184.6	<LOD	122	330.96
Butler 2	Niton XRF	MN10-88	ppm	81	81.1	850028.38	10		<LOD		495	<LOD	36832.31	<LOD		<LOD	134.09		<LOD	86390.87			18947.3		916	<LOD	42	<LOD		41	<LOD	27.79		<LOD	<LOD		<LOD		<LOD	1145				4126.37		292.41	<LOD	268	289.72
Butler 2	Niton XRF	MN10-88	ppm	82	82.1	821181.5	<LOD		<LOD		597	<LOD	52095.3	<LOD		<LOD	374.51		<LOD	92319.13			26823.73		1521	<LOD	<LOD	<LOD		<LOD	<LOD	38.41		<LOD	<LOD		<LOD		<LOD	883				3327.61		267	<LOD	228	210.27
Butler 2	Niton XRF	MN10-88	ppm	83	83.1	906988.13	<LOD		<LOD		472	<LOD	19518.82	<LOD		<LOD	87.89		<LOD	43541.79			23930.15		776	<LOD	25	<LOD		43	<LOD	29.73		<LOD	<LOD		<LOD		<LOD	980				2299.71		301.05	<LOD	283	318.05
Butler 2	Niton XRF	MN10-88	ppm	84	84.1	936138.56	<LOD		<LOD		426	26	16418.75	<LOD		<LOD	191.41		<LOD	16851.3			25801.13		<LOD	<LOD	18	<LOD		28	<LOD	27.37		<LOD	<LOD		<LOD		<LOD	717				2549.12		201.09	<LOD	96	175.83
Butler 2	Niton XRF	MN10-88	ppm	85	85.1	312778.31	<LOD		<LOD		<LOD	<LOD	8949.42	98		<LOD	<LOD		1234	271227.84			14363.14		2819	<LOD	<LOD	<LOD		429	<LOD	17.79		306802	<LOD		<LOD		174	<LOD				1301.83		<LOD	<LOD	79671	61.02
Butler 2	Niton XRF	MN10-88	ppm	86	86.1	393382.31	<LOD		<LOD		<LOD	<LOD	<LOD	69		<LOD	<LOD		2811	280925.69			18110.44		3629	40	<LOD	<LOD		420	<LOD	21.66		241512	<LOD		<LOD		129	<LOD				1215.64		<LOD	<LOD	57633	64.68
Butler 2	Niton XRF	MN10-88	ppm	87	87.1	587587.5	<LOD		<LOD		301	<LOD	11852.74	24		<LOD	<LOD		263	201836.88			30353.25		3352	<LOD	21	<LOD		154	<LOD	35.21		145396	<LOD		<LOD		136	57				2723.02		<LOD	<LOD	15700	123.17
Butler 2	Niton XRF	MN10-88	ppm	88	88.1	838870.25	<LOD		<LOD		168	<LOD	12579.6	<LOD		<LOD	183.9		<LOD	98180.75			15553.31		1716	<LOD	<LOD	<LOD		<LOD	<LOD	23.07		28557	<LOD		<LOD		<LOD	145				3170.19		229.03	<LOD	310	134.84
Butler 2	Niton XRF	MN10-88	ppm	89	89.1	846363.06	<LOD		<LOD		738	<LOD	34962.88	<LOD		<LOD	305.85		<LOD	76487.63			32968.4		1704	<LOD	22	<LOD		<LOD	<LOD	28.28		<LOD	<LOD		<LOD		<LOD	616				4941.3		502.75	<LOD	177	145.71
Butler 2	Niton XRF	MN10-88	ppm	90	90.1	880157.88	<LOD		<LOD		279	<LOD	16591.77	<LOD		<LOD	139.2		<LOD	71059.16			17445.72		1405	<LOD	<LOD	<LOD		32	<LOD	26.45		9438	<LOD		<LOD		<LOD	424				2193.35		340.15	<LOD	311	67.47
Butler 2	Niton XRF	MN10-88	ppm	91	91.1	927029.44	<LOD		<LOD		950	<LOD	5198.47	<LOD		<LOD	103.63		<LOD	32830.45			28094.24		734	<LOD	32	<LOD		<LOD	<LOD	28.79		<LOD	<LOD		<LOD		<LOD	390				3432.71		321.99	<LOD	481	357.96
Butler 2	Niton XRF	MN10-88	ppm	92	92.1	913104.19	<LOD		<LOD		1069	29	5435	<LOD		<LOD	146.93		<LOD	43270.92			33202.1		580	<LOD	23	<LOD		<LOD	<LOD	30.83		<LOD	<LOD		<LOD		<LOD	320				2017.26		317.14	<LOD	74	360.08
Butler 2	Niton XRF	MN10-88	ppm	93	93.1	840165.81	<LOD		<LOD		183	<LOD	65657.05	<LOD		<LOD	168.95		<LOD	75112.42			12559.25		2233	<LOD	<LOD	<LOD		<LOD	<LOD	16.42		<LOD	<LOD		<LOD		<LOD	524				2737.53		361.11	<LOD	157	88.24
Butler 2	Niton XRF	MN10-88	ppm	94	94.1	881120.13	<LOD		<LOD		239	<LOD	31000.91	<LOD		<LOD	245.39		<LOD	61179.85			19543.7		1348	<LOD	13	<LOD		40	<LOD	26.01		<LOD	<LOD		<LOD		<LOD	732				3727.23		434.43	<LOD	224	111.23
Butler 2	Niton XRF	MN10-88	ppm	95	95.1	950258.63	<LOD		<LOD		114	<LOD	16894.57	<LOD		<LOD	97.99		<LOD	20323.11			8458.7		359	<LOD	17	<LOD		<LOD	<LOD	8.51		<LOD	<LOD		<LOD		<LOD	632				2145		147.51	<LOD	53	195.57
Butler 2	Niton XRF	MN10-88	ppm	96	96.1	918381.38	<LOD		<LOD		363	<LOD	14453.54	<LOD		<LOD	99.06		<LOD	44253.12			17898.28		533	<LOD	20	<LOD		<LOD	<LOD	21.37		<LOD	<LOD		<LOD		<LOD	499				2843.23		219.03	<LOD	128	273.78
Butler 2	Niton XRF	MN10-88	ppm	97	97.1	858385	<LOD		<LOD		847	<LOD	18571.36	<LOD		<LOD	223.41		<LOD	67854.22			48056.94		992	<LOD	<LOD	<LOD		<LOD	<LOD	45.82		<LOD	<LOD		<LOD		<LOD	652				3507.83		439.19	<LOD	110	180.12
Butler 2	Niton XRF	MN10-88	ppm	98	98.1	921683.25	<LOD		<LOD		476	<LOD	9779.75	<LOD		<LOD	109.42		<LOD	45223.72			18479.66		574	<LOD	26	<LOD		<LOD	<LOD	18.03		<LOD	<LOD		<LOD		<LOD	551				2390.69		211.27	<LOD	97	289.87
Butler 2	Niton XRF	MN10-88	ppm	99	99.1	913983.56	<LOD		<LOD		264	<LOD	27823.7	<LOD		<LOD	78.5		<LOD	42777.31			9143.41		1466	<LOD	19	<LOD		<LOD	<LOD	8		<LOD	<LOD		<LOD		<LOD	737				2798.67		128.85	<LOD	455	264.7
Butler 2	Niton XRF	MN10-88	ppm	100	100.1	910018.19	<LOD		<LOD		421	<LOD	13595.49	<LOD		<LOD	<LOD		<LOD	45873.31			14458.57		949	<LOD	28	<LOD		<LOD	<LOD	19.07		11162	<LOD		<LOD		<LOD	644				2182.58		185.69	<LOD	100	299.91
Butler 2	Niton XRF	MN10-88	ppm	101	101.1	861550	<LOD		<LOD		835	<LOD	16995.28	<LOD		<LOD	<LOD		<LOD	84605.66			29462.66		1644	<LOD	30	<LOD		<LOD	<LOD	29.63		<LOD	<LOD		<LOD		<LOD	880				3069.5		265.62	<LOD	187	312.61
Butler 2	Niton XRF	MN10-88	ppm	102	102.1	864291.06	<LOD		<LOD		311	<LOD	34053.32	<LOD		<LOD	<LOD		<LOD	84335.48			7194.66		1787	<LOD	<LOD	<LOD		32	<LOD	5.49		<LOD	<LOD		<LOD		<LOD	1468				5829.63		328.46	<LOD	160	131.6
Butler 2	Niton XRF	MN10-88	ppm	103	103.1	814779	<LOD		<LOD		356	<LOD	43230.68	<LOD		<LOD	<LOD		242	110631.76			13590.71		2379	<LOD	<LOD	<LOD		<LOD	<LOD	13.49		<LOD	<LOD		<LOD		<LOD	130				4518.19		309.01	<LOD	385	53.96
Butler 2	Niton XRF	MN10-88	ppm	104	104.1	841680.63	<LOD		<LOD		143	<LOD	45118.74	<LOD		<LOD	131.49		<LOD	97218.77			5037.44		1981	<LOD	<LOD	<LOD		<LOD	<LOD	4.71		<LOD	<LOD		<LOD		<LOD	1563				6559.67		230.33	<LOD	85	133.06
Butler 2	Niton XRF	MN10-88	ppm	105	105.1	833384.13	<LOD		<LOD		<LOD	<LOD	51201.15	<LOD		<LOD	<LOD		<LOD	101495.34			4129.64		1733	<LOD	15	<LOD		<LOD	<LOD	4.69		<LOD	<LOD		<LOD		<LOD	1261				6200.56		245.59	<LOD	186	126.57
Butler 2	Niton XRF	MN10-88	ppm	106	106.1	885307.44	<LOD		<LOD		629	<LOD	17964.16	<LOD		<LOD	<LOD		<LOD	64868.66			24523.78		1825	<LOD	25	<LOD		<LOD	<LOD	36.92		<LOD	<LOD		<LOD		<LOD	869				3295.44		214.69	<LOD	111	233.03
Butler 2	Niton XRF	MN10-88	ppm	107	107.1	882398.25	<LOD		<LOD		567	<LOD	18110.42	<LOD		<LOD	<LOD		192	56021.23			28617.43		900	<LOD	13	<LOD		65	<LOD	30.22		7202	<LOD		<LOD		<LOD	811				3872.37		213.6	<LOD	630	271.14
Butler 2	Niton XRF	MN10-88	ppm	108	108.1	883150.63	<LOD		<LOD		548	<LOD	22736.51	<LOD		<LOD	130.15		<LOD	56005.05			31511.55		1137	<LOD	22	<LOD		31	<LOD	33.43		<LOD	<LOD		<LOD		<LOD	839				3138.74		319.31	<LOD	223	154.4
Butler 2	Niton XRF	MN10-88	ppm	109	109.1	915250.56	<LOD		<LOD		390	28	20437.97	<LOD		<LOD	<LOD		<LOD	41395.86			16087.44		891	<LOD	21	<LOD		<LOD	<LOD	18.82		<LOD	<LOD		<LOD		<LOD	827				3796.68		162.6	<LOD	330	288.31
Butler 2	Niton XRF	MN10-88	ppm	110	110.1	869682.75	<LOD		<LOD		338	<LOD	44142.08	<LOD		<LOD	157.04		<LOD	43551.71			27935.91		604	<LOD	13	<LOD		49	<LOD	30.64		<LOD	<LOD		<LOD		<LOD	1122				4644.45		232.34	<LOD	738	196.61
Butler 2	Niton XRF	MN10-88	ppm	111	111.1	914319.38	<LOD		<LOD		1367	<LOD	4487.95	<LOD		<LOD	150.37		<LOD	34422.33			41783.81		361	<LOD	18	<LOD		<LOD	<LOD	34.75		<LOD	<LOD		<LOD		<LOD	246				1820.11		429.55	<LOD	243	286.76
Butler 2	Niton XRF	MN10-88	ppm	112	112.1	861169.69	<LOD		<LOD		361	<LOD	19031.44	<LOD		<LOD	<LOD		<LOD	91297.54			20494.81		1536	<LOD	<LOD	<LOD		<LOD	<LOD	20.7		<LOD	<LOD		<LOD		<LOD	284				4476.89		332.34	<LOD	631	157.4
Butler 2	Niton XRF	MN10-88	ppm	113	113.1	820498.81	<LOD		<LOD		634	<LOD	39552.91	<LOD		<LOD	<LOD		209	102360.35			30727.94		1812	<LOD	<LOD	<LOD		<LOD	<LOD	35.61		<LOD	<LOD		<LOD		<LOD	221				3179.63		391.92	<LOD	247	102.34
Butler 2	Niton XRF	MN10-88	ppm	114	114.1	901134.63	<LOD		<LOD		494	<LOD	16717.96	<LOD		<LOD	84.27		<LOD	46981.67			30926.93		1047	<LOD	17	<LOD		<LOD	<LOD	19.95		<LOD	<LOD		<LOD		<LOD	111				1942.82		<LOD	<LOD	109	291.61
Butler 2	Niton XRF	MN10-88	ppm	115	115.1	904692.69	<LOD		<LOD		190	<LOD	6642.72	<LOD		<LOD	<LOD		<LOD	73109.84			10499.26		569	<LOD	<LOD	<LOD		<LOD	<LOD	7.08		<LOD	<LOD		<LOD		<LOD	199				3310.76		319.61	<LOD	256	118.17
Butler 2	Niton XRF	MN10-88	ppm	116	116.1	938173.75	<LOD		<LOD		376	<LOD	19173.31	<LOD		<LOD	122.2		<LOD	14030.29			23893.12		749	<LOD	13	<LOD		26	<LOD	18.33		<LOD	<LOD		<LOD		<LOD	463				2487.12		172.63	<LOD	42	247.82
Butler 2	Niton XRF	MN10-88	ppm	117	117.1	933550.88	<LOD		<LOD		160	<LOD	1113.79	<LOD		<LOD	<LOD		<LOD	42582.79			15850.49		474	<LOD	22	<LOD		<LOD	<LOD	9.68		<LOD	<LOD		<LOD		<LOD	56				1639.6		151.98	<LOD	161	253.05
Butler 2	Niton XRF	MN10-88	ppm	118	118.1	914545.31	<LOD		<LOD		264	<LOD	13119.22	<LOD		<LOD	96.45		<LOD	44713.12			23673.79		1009	<LOD	13	<LOD		<LOD	<LOD	20.4		<LOD	<LOD		<LOD		<LOD	63				1898.53		129.88	<LOD	167	271.37
Butler 2	Niton XRF	MN10-88	ppm	119	119.1	915677.88	<LOD		<LOD		196	<LOD	1720.78	<LOD		<LOD	93.07		<LOD	58965.63			20537.17		<LOD	<LOD	15	<LOD		<LOD	<LOD	13.66		<LOD	<LOD		<LOD		<LOD	63				2102.53		<LOD	<LOD	189	301.23
Butler 2	Niton XRF	MN10-88	ppm	120	120.1	946193.69	<LOD		<LOD		<LOD	<LOD	2783.11	<LOD		<LOD	<LOD		<LOD	46773.23			<LOD		318	<LOD	20	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	124				1927.68		<LOD	<LOD	85	299.75
Butler 2	Niton XRF	MN10-88	ppm	121	121.1	915744.69	<LOD		<LOD		315	<LOD	<LOD	<LOD		675	<LOD		<LOD	71484.88			7742		481	<LOD	23	<LOD		<LOD	<LOD	8.64		<LOD	<LOD		<LOD		<LOD	<LOD				2815.05		170.22	<LOD	141	281.21
Butler 2	Niton XRF	MN10-88	ppm	122	122.1	946774.38	<LOD		<LOD		171	<LOD	1079.87	<LOD		<LOD	144.2		<LOD	18273.54			30994.69		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	16.82		<LOD	<LOD		<LOD		<LOD	114				1727.14		126.18	<LOD	145	199.09
Butler 2	Niton XRF	MN10-88	ppm	123	123.1	909675	<LOD		<LOD		400	<LOD	1931.33	<LOD		<LOD	<LOD		<LOD	64380.89			20056.68		554	<LOD	25	<LOD		<LOD	<LOD	12.96		<LOD	<LOD		<LOD		<LOD	92				2236.64		158.25	<LOD	73	312.16
Butler 2	Niton XRF	MN10-88	ppm	124	124.1	897396.31	<LOD		<LOD		278	<LOD	4710.47	<LOD		<LOD	<LOD		<LOD	79016.97			14639.35		532	<LOD	14	<LOD		<LOD	<LOD	11.02		<LOD	<LOD		<LOD		<LOD	47				2806.28		195.09	<LOD	119	203.05
Butler 2	Niton XRF	MN10-88	ppm	125	125.1	918762.13	<LOD		<LOD		490	<LOD	17892.92	<LOD		<LOD	97.9		<LOD	26140.21			32481.16		981	<LOD	19	<LOD		435	<LOD	30.84		<LOD	<LOD		<LOD		<LOD	285				1563.45		211.04	<LOD	288	296.14
Butler 2	Niton XRF	MN10-88	ppm	126	126.1	924033.13	<LOD		<LOD		891	<LOD	1627.05	<LOD		<LOD	86.33		<LOD	39032.83			30773.14		552	<LOD	30	<LOD		32	<LOD	26.98		<LOD	<LOD		<LOD		<LOD	81				1941.04		336.28	<LOD	199	344.48
Butler 2	Niton XRF	MN10-88	ppm	127	127.1	892457.19	<LOD		<LOD		330	<LOD	2152.34	<LOD		<LOD	<LOD		<LOD	69310.8			26073.01		2126	<LOD	<LOD	<LOD		<LOD	<LOD	23.81		<LOD	<LOD		<LOD		<LOD	70				4874.59		<LOD	<LOD	2118	375.58
Butler 2	Niton XRF	MN10-88	ppm	128	128.1	931838.63	<LOD		<LOD		170	<LOD	1878.54	<LOD		<LOD	76.74		<LOD	40689.04			22473.69		666	<LOD	21	<LOD		<LOD	<LOD	18.22		<LOD	<LOD		<LOD		<LOD	83				1477.52		133.2	<LOD	157	303.14
Butler 2	Niton XRF	MN10-88	ppm	129	129.1	840634.06	<LOD		<LOD		<LOD	<LOD	72065.06	<LOD		<LOD	340.18		<LOD	76523.38			3745.51		1028	<LOD	<LOD	169		29	<LOD	7.06		<LOD	<LOD		<LOD		<LOD	1177				3844.46		<LOD	<LOD	67	33.6
Butler 2	Niton XRF	MN10-88	ppm	130	130.1	849937.13	<LOD		<LOD		<LOD	<LOD	3835.41	<LOD		<LOD	<LOD		<LOD	142618.41			<LOD		1497	<LOD	21	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1494.5		<LOD	<LOD	218	321.12
Butler 2	Niton XRF	MN10-88	ppm	131	131.1	916969.63	<LOD		<LOD		<LOD	<LOD	910.68	<LOD		<LOD	<LOD		<LOD	76743.87			2720.25		1040	<LOD	22	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1064.47		<LOD	<LOD	145	264.65
Butler 2	Niton XRF	MN10-88	ppm	132	132.1	893927.44	<LOD		<LOD		<LOD	<LOD	2896.97	<LOD		<LOD	133.46		<LOD	99487.8			<LOD		1071	<LOD	22	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	35				1844.47		<LOD	<LOD	182	303.6
Butler 2	Niton XRF	MN10-88	ppm	133	133.1	895833.5	<LOD		<LOD		171	<LOD	6536.21	<LOD		<LOD	<LOD		<LOD	87743.52			7218.94		528	<LOD	21	<LOD		<LOD	<LOD	6.65		<LOD	<LOD		<LOD		<LOD	41				1405.75		<LOD	<LOD	45	334.11
Butler 2	Niton XRF	MN10-88	ppm	134	134.1	878154.75	<LOD		<LOD		<LOD	<LOD	1083.41	<LOD		<LOD	129.88		<LOD	111641.33			6276.57		502	<LOD	27	<LOD		<LOD	<LOD	6.83		<LOD	<LOD		<LOD		<LOD	<LOD				1596.09		<LOD	<LOD	74	387.77
Butler 2	Niton XRF	MN10-88	ppm	135	135.1	736347.44	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	161168.61			16347.51		867	32	35	<LOD		<LOD	<LOD	18.51		81017	<LOD		<LOD		<LOD	74				2197.27		<LOD	<LOD	<LOD	393.32
Butler 2	Niton XRF	MN10-88	ppm	136	136.1	892661.69	<LOD		<LOD		307	<LOD	2069	<LOD		<LOD	136.42		<LOD	78953.3			10119.01		389	<LOD	29	<LOD		<LOD	<LOD	8.63		13201	<LOD		<LOD		<LOD	38				1560.78		<LOD	<LOD	50	333.86
Butler 2	Niton XRF	MN10-88	ppm	137	137.1	908631.44	<LOD		<LOD		<LOD	<LOD	952.52	<LOD		<LOD	<LOD		<LOD	81854.59			6645.02		<LOD	<LOD	21	<LOD		<LOD	<LOD	4.77		<LOD	<LOD		<LOD		<LOD	<LOD				1142.88		<LOD	<LOD	70	290.62
Butler 2	Niton XRF	MN10-88	ppm	138	138.1	903175.13	<LOD		<LOD		143	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	69687.17			14461.08		<LOD	<LOD	22	<LOD		<LOD	<LOD	12.95		10277	<LOD		<LOD		<LOD	35				1572.92		<LOD	<LOD	50	283.31
Butler 2	Niton XRF	MN10-88	ppm	139	139.1	917952.94	<LOD		<LOD		195	<LOD	1454.81	<LOD		<LOD	<LOD		<LOD	64834.9			13331.26		347	<LOD	14	<LOD		<LOD	<LOD	10.08		<LOD	<LOD		<LOD		<LOD	<LOD				1484.19		<LOD	<LOD	<LOD	294.04
Butler 2	Niton XRF	MN10-88	ppm	140	140.1	898822.81	<LOD		<LOD		150	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	93532.6			3968.55		547	<LOD	25	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2244.83		<LOD	<LOD	95	359.85
Butler 2	Niton XRF	MN10-88	ppm	141	141.1	912955.06	<LOD		<LOD		238	<LOD	1194.16	<LOD		<LOD	<LOD		<LOD	64908.24			18609.45		<LOD	<LOD	24	<LOD		<LOD	<LOD	10.73		<LOD	<LOD		<LOD		<LOD	<LOD				1293.7		185.17	<LOD	<LOD	218.6
Butler 2	Niton XRF	MN10-88	ppm	142	142.1	846120.81	<LOD		<LOD		364	<LOD	2970.17	<LOD		<LOD	<LOD		<LOD	126260.99			17805.96		871	<LOD	26	<LOD		<LOD	<LOD	11.71		<LOD	<LOD		<LOD		<LOD	63				4690.35		289.75	<LOD	105	406.04
Butler 2	Niton XRF	MN10-88	ppm	143	143.1	888108.06	<LOD		<LOD		<LOD	<LOD	6090.08	<LOD		<LOD	<LOD		<LOD	101370.55			<LOD		495	<LOD	17	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3502.6		<LOD	<LOD	57	203.3
Butler 2	Niton XRF	MN10-88	ppm	144	144.1	940263.31	<LOD		<LOD		377	<LOD	<LOD	<LOD		<LOD	128.6		<LOD	40006.71			11538.59		<LOD	<LOD	22	<LOD		<LOD	<LOD	6.73		<LOD	<LOD		<LOD		<LOD	31				5331.36		201.39	<LOD	1088	158.52
Butler 2	Niton XRF	MN10-88	ppm	145	145.1	901143.94	<LOD		<LOD		259	<LOD	1835.61	<LOD		<LOD	165.95		<LOD	83960.99			9600.5		523	22	21	<LOD		<LOD	<LOD	5.17		<LOD	<LOD		<LOD		<LOD	60				1914.75		186.64	<LOD	<LOD	255.8
Butler 2	Niton XRF	MN10-88	ppm	146	146.1	933977.13	<LOD		<LOD		312	<LOD	1517.54	<LOD		<LOD	152.05		<LOD	46700.45			14595.48		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	16.57		<LOD	<LOD		<LOD		<LOD	33				1816.7		249.69	<LOD	69	202.57
Butler 2	Niton XRF	MN10-88	ppm	147	147.1	917089.38	<LOD		<LOD		336	<LOD	<LOD	<LOD		<LOD	161.02		<LOD	56254.16			21774.46		344	29	17	<LOD		<LOD	<LOD	9.3		<LOD	<LOD		<LOD		<LOD	77				2776.22		206.84	<LOD	<LOD	154.51

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 2	Niton XRF	MN10-88	ppm	148	148.1	914756.56	<LOD		<LOD		187	<LOD	2584.33	<LOD		<LOD	167.57		<LOD	68082.88			9416.49		708	30	<LOD	<LOD		<LOD	<LOD	5.68		<LOD	<LOD		<LOD		<LOD	38				3009.09		216.17	<LOD	566	193.06
Butler 2	Niton XRF	MN10-88	ppm	149	149.1	948037.75	<LOD		<LOD		424	<LOD	752.18	<LOD		<LOD	131		<LOD	39479.93			8399.04		471	<LOD	16	<LOD		<LOD	<LOD	8.2		<LOD	<LOD		<LOD		<LOD	44				1706.43		197.85	<LOD	<LOD	156.02
Butler 2	Niton XRF	MN10-88	ppm	150	150.1	945165.81	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	103.19		<LOD	49441.06			3869.22		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				520.6		102.27	<LOD	<LOD	20.13
Butler 2	Niton XRF	MN10-88	ppm	151	151.1	943499.94	<LOD		<LOD		<LOD	<LOD	1360.3	<LOD		<LOD	100.09		<LOD	53596.3			<LOD		<LOD	20	22	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1026.39		207.98	<LOD	<LOD	105.04
Butler 2	Niton XRF	MN10-88	ppm	152	152.1	927175.81	<LOD		<LOD		184	<LOD	1569.17	<LOD		<LOD	99.5		<LOD	62731.67			5322.41		454	<LOD	<LOD	<LOD		<LOD	<LOD	3.92		<LOD	<LOD		<LOD		<LOD	48				2067.19		<LOD	<LOD	55	261.31
Butler 2	Niton XRF	MN10-88	ppm	153	153.1	933086.69	<LOD		<LOD		391	36	<LOD	<LOD		<LOD	115.65		<LOD	52665.38			11385.72		<LOD	<LOD	31	<LOD		<LOD	<LOD	11.25		<LOD	<LOD		<LOD		<LOD	72				1309.96		182.27	<LOD	<LOD	409.28
Butler 2	Niton XRF	MN10-88	ppm	154	154.1	938353.13	<LOD		<LOD		125	22	813.97	<LOD		<LOD	93.3		<LOD	47496.18			11029.69		<LOD	<LOD	16	<LOD		<LOD	<LOD	8.98		<LOD	<LOD		<LOD		<LOD	<LOD				1171.68		230.5	<LOD	<LOD	294.69
Butler 2	Niton XRF	MN10-88	ppm	155	155.1	898178.63	<LOD		<LOD		<LOD	<LOD	1930.55	<LOD		<LOD	99.81		<LOD	97785.25			<LOD		443	<LOD	15	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1251.3		<LOD	<LOD	<LOD	151.33
Butler 2	Niton XRF	MN10-88	ppm	156	156.1	920102	<LOD		<LOD		127	<LOD	3434.46	<LOD		<LOD	147.63		139	48639.69			7752.96		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.6		18329	<LOD		<LOD		<LOD	97				870.38		129.01	<LOD	<LOD	165.96
Butler 2	Niton XRF	MN10-88	ppm	157	157.1	674718.75	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	195.66		369	279535.56			11550.75		824	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		27795	<LOD		<LOD		<LOD	71				2148.21		514	<LOD	148	52.44
Butler 2	Niton XRF	MN10-88	ppm	158	158.1	654397.88	<LOD		<LOD		<LOD	<LOD	2605.31	<LOD		<LOD	<LOD		782	270517.09			7057.33		894	<LOD	<LOD	<LOD		<LOD	<LOD	7.97		60008	<LOD		<LOD		<LOD	70				2313.27		519.38	<LOD	100	83.19
Butler 2	Niton XRF	MN10-88	ppm	159	159.1	863006.56	<LOD		<LOD		<LOD	<LOD	4164.16	<LOD		<LOD	<LOD		<LOD	116218.05			6447.86		461	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	55				1653.05		<LOD	<LOD	141	116.89
Butler 2	Niton XRF	MN10-88	ppm	160	160.1	900331.06	<LOD		<LOD		293	28	<LOD	<LOD		<LOD	86.47		138	62908.16			14620.03		367	22	<LOD	<LOD		<LOD	<LOD	10.71		18616	<LOD		<LOD		<LOD	72				1011.98		228.53	<LOD	76	331.55
Butler 2	Niton XRF	MN10-88	ppm	161	161.1	744549.13	<LOD		<LOD		<LOD	<LOD	1526.2	<LOD		<LOD	221.8		<LOD	237718.64			<LOD		1499	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3239.95		428.56	<LOD	391	103.93
Butler 2	Niton XRF	MN10-88	ppm	162	162.1	820684.44	<LOD		<LOD		144	<LOD	3959.98	<LOD		<LOD	178.25		<LOD	170960.75			<LOD		512	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2896.93		<LOD	<LOD	168	95.4
Butler 2	Niton XRF	MN10-88	ppm	163	163.1	790782.69	<LOD		<LOD		<LOD	<LOD	2417.82	<LOD		<LOD	<LOD		<LOD	188217.22			<LOD		693	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		14924	<LOD		<LOD		<LOD	<LOD				2069.26		346.48	<LOD	179	79.14
Butler 2	Niton XRF	MN10-88	ppm	164	164.1	964732.06	<LOD		<LOD		152	<LOD	<LOD	<LOD		<LOD	107.78		<LOD	23366.86			10266.04		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	4.98		<LOD	<LOD		<LOD		<LOD	<LOD				990.24		116.28	<LOD	49	173.69
Butler 2	Niton XRF	MN10-88	ppm	165	165.1	975227.69	<LOD		<LOD		117	<LOD	519.48	<LOD		<LOD	109.72		<LOD	10127.43			11852.13		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	3.94		<LOD	<LOD		<LOD		<LOD	33				1600.38		80.16	<LOD	170	114.81
Butler 2	Niton XRF	MN10-88	ppm	166	166.1	945964.56	<LOD		<LOD		<LOD	<LOD	1112.83	<LOD		<LOD	151.27		<LOD	38672.25			12149.48		<LOD	67	22	<LOD		<LOD	<LOD	8.52		<LOD	<LOD		<LOD		<LOD	55				1318.11		116.92	<LOD	<LOD	221.62
Butler 2	Niton XRF	MN10-88	ppm	167	167.1	905340.88	<LOD		<LOD		206	<LOD	4100.18	<LOD		<LOD	<LOD		<LOD	77957.96			9469.88		338	<LOD	17	<LOD		<LOD	<LOD	6.52		<LOD	<LOD		<LOD		<LOD	52				1959.44		<LOD	<LOD	69	263.52
Butler 2	Niton XRF	MN10-88	ppm	168	168.1	910526.69	<LOD		<LOD		160	<LOD	1294.58	<LOD		<LOD	<LOD		<LOD	77024.24			8034.99		440	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	70				1985.69		<LOD	<LOD	76	215.32
Butler 2	Niton XRF	MN10-88	ppm	169	169.1	848541.44	<LOD		<LOD		256	<LOD	3003.26	<LOD		<LOD	<LOD		<LOD	133328.59			3726.46		554	<LOD	21	<LOD		<LOD	<LOD	5.92		<LOD	<LOD		<LOD		<LOD	<LOD				2476.68		<LOD	<LOD	85	400.86
Butler 2	Niton XRF	MN10-88	ppm	170	170.1	939330.44	<LOD		<LOD		154	<LOD	1329.39	<LOD		<LOD	90.01		<LOD	51338.71			5066.86		347	<LOD	<LOD	<LOD		<LOD	<LOD	4.74		<LOD	<LOD		<LOD		<LOD	59				1912.35		<LOD	<LOD	<LOD	208.88
Butler 2	Niton XRF	MN10-88	ppm	171	171.1	888467.44	<LOD		<LOD		<LOD	<LOD	3911.34	<LOD		<LOD	<LOD		<LOD	97712.57			<LOD		362	<LOD	17	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2462.91		<LOD	<LOD	348	144.9
Butler 2	Niton XRF	MN10-88	ppm	172	172.1	897757.94	<LOD		<LOD		<LOD	<LOD	739.74	<LOD		<LOD	<LOD		<LOD	98604.8			<LOD		403	<LOD	16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2095.02		<LOD	<LOD	70	172.1
Butler 2	Niton XRF	MN10-88	ppm	173	173.1	824301.69	<LOD		<LOD		377	<LOD	4893.51	<LOD		<LOD	<LOD		<LOD	154079.94			5267.06		595	<LOD	56	<LOD		<LOD	<LOD	18.67		<LOD	<LOD		<LOD		<LOD	300				1431.9		<LOD	<LOD	92	559.14
Butler 2	Niton XRF	MN10-88	ppm	174	174.1	913608.38	<LOD		<LOD		<LOD	<LOD	11184.99	<LOD		<LOD	76.6		<LOD	67474.78			5957.82		738	<LOD	13	<LOD		<LOD	<LOD	8.45		<LOD	<LOD		<LOD		<LOD	32				544.06		<LOD	<LOD	<LOD	119.77
Butler 2	Niton XRF	MN10-88	ppm	175	175.1	708782.94	<LOD		<LOD		178	<LOD	34828.57	<LOD		<LOD	<LOD		<LOD	130254.69			32968.54		443	<LOD	24	<LOD		<LOD	<LOD	37.13		89323	<LOD		<LOD		59	110				1829.14		<LOD	<LOD	55	337.74
Butler 2	Niton XRF	MN10-88	ppm	176	176.1	862034.38	<LOD		<LOD		<LOD	39	4126.88	<LOD		<LOD	<LOD		<LOD	130370.48			<LOD		<LOD	<LOD	42	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2422.39		<LOD	<LOD	89	569.95
Butler 2	Niton XRF	MN10-88	ppm	177	177.1	918960.44	<LOD		<LOD		280	<LOD	2502.23	<LOD		<LOD	74.38		<LOD	52019.23			20074.28		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.46		<LOD	<LOD		<LOD		<LOD	69				5410.92		223.15	<LOD	177	166.33
Butler 2	Niton XRF	MN10-88	ppm	178	178.1	894369.25	<LOD		<LOD		286	<LOD	3686.88	<LOD		<LOD	108.32		<LOD	74535			22627.76		<LOD	<LOD	21	<LOD		<LOD	<LOD	22.03		<LOD	<LOD		<LOD		<LOD	50				3814.69		209.72	<LOD	<LOD	212.03
Butler 2	Niton XRF	MN10-88	ppm	179	179.1	924589.38	<LOD		<LOD		<LOD	<LOD	1872.48	<LOD		<LOD	<LOD		<LOD	69460.24			1965.81		<LOD	21	20	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1419.86		<LOD	<LOD	<LOD	192.35
Butler 2	Niton XRF	MN10-88	ppm	180	180.1	856822.19	<LOD		<LOD		<LOD	<LOD	2881.83	<LOD		<LOD	<LOD		<LOD	130800.17			5268.71		<LOD	<LOD	14	<LOD		<LOD	<LOD	4.51		<LOD	<LOD		<LOD		<LOD	<LOD				3633.8		<LOD	<LOD	67	210.1
Butler 2	Niton XRF	MN10-88	ppm	181	181.1	852601.31	<LOD		<LOD		<LOD	<LOD	2717.02	<LOD		<LOD	<LOD		<LOD	137761.14			3359.73		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2848.24		<LOD	<LOD	88	190.63
Butler 2	Niton XRF	MN10-88	ppm	182	182.1	931338.56	<LOD		<LOD		<LOD	<LOD	1290.38	<LOD		<LOD	107.89		<LOD	66028.23			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				905.47		177.54	<LOD	49	73.21
Butler 2	Niton XRF	MN10-88	ppm	182.8	182.88	938311.25	<LOD		<LOD		<LOD	<LOD	697.02	<LOD		<LOD	125.97		<LOD	58979.28			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1267.73		120.5	<LOD	<LOD	86.7
Butler 2	Niton XRF	MN10-97	ppm	12	12.05	934494.19	<LOD		<LOD	<LOD		13.95	2736.81	<LOD		<LOD	92.69		<LOD	55477.95	<LOD	<LOD	4032.69		212.66	<LOD	15.64	<LOD		<LOD	<LOD	2.81	<LOD	<LOD	<LOD		<LOD		<LOD	27.34	<LOD		<LOD	1647.51	<LOD	117.72	<LOD	<LOD	252.77
Butler 2	Niton XRF	MN10-97	ppm	16	16.05	917342.44	<LOD		<LOD	<LOD		<LOD	6259.65	<LOD		<LOD	67.79		<LOD	71778.52	<LOD	<LOD	2723.11		309.35	12.97	18.27	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	42.95		<LOD		<LOD	27.02	<LOD		<LOD	988.1	<LOD	<LOD	<LOD	<LOD	241.75
Butler 2	Niton XRF	MN10-97	ppm	25	25.05	922695.88	<LOD		<LOD	<LOD		<LOD	2740.38	<LOD		<LOD	85.14		<LOD	57982.16	<LOD	<LOD	13113.84		213.6	<LOD	24.17	<LOD		<LOD	<LOD	7.35	<LOD	<LOD	43.45		<LOD		55.93	22.09	<LOD		<LOD	2112.14	<LOD	228.32	<LOD	44.7	286.53
Butler 2	Niton XRF	MN10-97	ppm	31	31.05	930969.69	<LOD		<LOD	<LOD		17.14	1093.51	<LOD		<LOD	<LOD		<LOD	44889.17	<LOD	<LOD	20206.15		167.47	<LOD	17.47	<LOD		<LOD	<LOD	10.78	<LOD	<LOD	<LOD		<LOD		45.05	26.79	<LOD		<LOD	1586.23	<LOD	180.6	<LOD	34.9	333.36
Butler 2	Niton XRF	MN10-97	ppm	38	38.05	891523.44	<LOD		<LOD	<LOD		13.14	30114.24	<LOD		<LOD	118.4		<LOD	72258.6	<LOD	<LOD	1542.87		313.16	<LOD	17.47	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	194.68	<LOD		<LOD	3578.67	<LOD	136.1	<LOD	<LOD	225.62
Butler 2	Niton XRF	MN10-97	ppm	44	44.05	937239.94	<LOD		<LOD	<LOD		15.62	2892.37	<LOD		<LOD	98		<LOD	50034.79	<LOD	<LOD	3899.29		283.56	11.69	19.69	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		50.51	27.02	<LOD		<LOD	3783.09	<LOD	166.11	<LOD	<LOD	312.13
Butler 2	Niton XRF	MN10-97	ppm	50	50.05	818107.81	<LOD		<LOD	<LOD		<LOD	5315.42	<LOD		<LOD	<LOD		<LOD	167947.34	<LOD	<LOD	<LOD		1486.15	<LOD	12.45	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	45.54	<LOD		<LOD	6699.75	<LOD	<LOD	<LOD	60.25	159.27
Butler 2	Niton XRF	MN10-97	ppm	53	53.05	831674.75	<LOD		<LOD	<LOD		<LOD	3840.93	<LOD		<LOD	<LOD		<LOD	146487.69	<LOD	<LOD	<LOD		1191.99	<LOD	18.23	<LOD		<LOD	<LOD	<LOD	<LOD	10050.21	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	6208.06	<LOD	207.41	<LOD	96.07	188.48
Butler 2	Niton XRF	MN10-97	ppm	54	54.05	890437.5	<LOD		<LOD	<LOD		<LOD	3749.7	<LOD		<LOD	<LOD		<LOD	102715.78	<LOD	<LOD	<LOD		278.03	<LOD	11.11	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2327.26	<LOD	131.14	<LOD	100.95	181.83
Butler 2	Niton XRF	MN10-97	ppm	56	56.05	898724.81	<LOD		<LOD	<LOD		12.81	14895.5	<LOD		<LOD	106.87		<LOD	74991.82	<LOD	<LOD	6072.87		<LOD	<LOD	10.15	<LOD		<LOD	<LOD	5.18	<LOD	<LOD	<LOD		<LOD		58.61	36.87	<LOD		<LOD	3060.54	<LOD	165.26	<LOD	130.7	207.91
Butler 2	Niton XRF	MN10-97	ppm	59	59.05	842754.38	<LOD		<LOD	<LOD		<LOD	32240.32	<LOD		<LOD	111.85		122.81	99083.93	<LOD	<LOD	17793.26		933.92	<LOD	30.35	<LOD		<LOD	<LOD	24.47	<LOD	<LOD	<LOD		<LOD		65.27	309.36	<LOD		<LOD	5828.35	<LOD	179.4	<LOD	87.46	239.94
Butler 2	Niton XRF	MN10-97	ppm	62	62.05	956608	<LOD		<LOD	<LOD		<LOD	3048.11	<LOD		<LOD	<LOD		<LOD	35362.88	<LOD	<LOD	1804.64		188.14	10.87	12.74	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	41.21		<LOD		<LOD	33.37	<LOD		<LOD	1425.42	<LOD	82.96	<LOD	46.6	145.84
Butler 2	Niton XRF	MN10-97	ppm	65	65.05	874320.75	<LOD		38.05	<LOD		<LOD	2384.87	<LOD		<LOD	141.35		<LOD	116259.75	<LOD	<LOD	<LOD		713.09	<LOD	18.44	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5610.92	<LOD	268.66	<LOD	41.45	193.73
Butler 2	Niton XRF	MN10-97	ppm	70	70.05	928644.5	<LOD		<LOD	<LOD		<LOD	1056.32	<LOD		<LOD	102.49		<LOD	52917.95	<LOD	<LOD	13528.4		268.78	<LOD	21.68	<LOD		<LOD	<LOD	5.82	<LOD	<LOD	42.58		<LOD		64.99	<LOD	<LOD		<LOD	1756.16	<LOD	157.66	<LOD	<LOD	369
Butler 2	Niton XRF	MN10-97	ppm	73	73.05	938807.81	<LOD		<LOD	<LOD		17.16	1788.86	<LOD		<LOD	104.63		<LOD	49438.45	<LOD	<LOD	5566.08		263.22	<LOD	24.12	<LOD		<LOD	<LOD	5.62	<LOD	<LOD	<LOD		<LOD		59.41	<LOD	<LOD		<LOD	1510.17	<LOD	132.04	<LOD	38.49	390.59
Butler 2	Niton XRF	MN10-97	ppm	83	83.05	917193.69	<LOD		<LOD	<LOD		12.41	1848.7	<LOD		<LOD	<LOD		<LOD	78129.44	<LOD	<LOD	1050.64		319.62	<LOD	11.9	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		70.25	<LOD	<LOD		<LOD	1021.88	<LOD	<LOD	<LOD	<LOD	287.97
Butler 2	Niton XRF	MN10-97	ppm	89	89.05	948638.56	<LOD		<LOD	<LOD		16.45	2805.65	<LOD		<LOD	93.04		<LOD	45268.43	<LOD	<LOD	1369.57		163.99	17.95	28.66	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		51.81	40.65	<LOD		<LOD	1000.49	<LOD	85.18	<LOD	50.44	336.18
Butler 2	Niton XRF	MN10-97	ppm	95	95.05	944484.31	<LOD		<LOD	<LOD		15.83	1812.28	<LOD		<LOD	81.94		<LOD	49354.9	<LOD	<LOD	1343.56		242.28	<LOD	21.74	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	45.25		<LOD		60.39	8.21	<LOD		<LOD	1414.82	<LOD	84.59	<LOD	37.76	352.42
Butler 2	Niton XRF	MN10-97	ppm	100	100.05	839762.94	<LOD		<LOD	<LOD		<LOD	7137.83	<LOD		<LOD	<LOD		371.01	133380.13	<LOD	<LOD	3484.99		1525.62	<LOD	13.48	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	41	<LOD		<LOD	6621.03	<LOD	336.71	<LOD	153.37	131.02
Butler 3	Niton XRF	BP11-CU03	ppm	10	10.1	892547.44	<LOD	<LOD	<LOD	<LOD	408	<LOD	11744.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56072.5	<LOD	<LOD	33515.67	<LOD	1214	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	3599.24	<LOD	<LOD	<LOD	149	145.19
Butler 3	Niton XRF	BP11-CU03	ppm	11	11.1	925877.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4555.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54095	<LOD	<LOD	10157.37	<LOD	1296	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3297.47	<LOD	<LOD	<LOD	128	156.17
Butler 3	Niton XRF	BP11-CU03	ppm	12	12.1	921748.19	<LOD	<LOD	<LOD	<LOD	194	<LOD	6405.42	<LOD	<LOD	<LOD	96.53	<LOD	<LOD	48523.81	<LOD	<LOD	16731.48	<LOD	1720	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	3666.8	<LOD	<LOD	<LOD	139	156.8
Butler 3	Niton XRF	BP11-CU03	ppm	13	13.1	902449.81	<LOD	<LOD	<LOD	<LOD	253	<LOD	6798.6	<LOD	<LOD	<LOD	115.51	<LOD	<LOD	56707.58	<LOD	<LOD	26769.5	<LOD	932	<LOD	18	<LOD	<LOD	<LOD	<LOD	21.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4955.35	<LOD	<LOD	<LOD	140	124.54
Butler 3	Niton XRF	BP11-CU03	ppm	14	14.1	919437.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9862.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40930.02	<LOD	<LOD	22950.88	<LOD	1682	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	4384.38	<LOD	196.91	<LOD	118	128.82
Butler 3	Niton XRF	BP11-CU03	ppm	15	15.1	909909.81	<LOD	<LOD	<LOD	<LOD	201	<LOD	5828.56	<LOD	<LOD	<LOD	95.88	<LOD	<LOD	41718.02	<LOD	<LOD	37334.53	<LOD	786	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	3398.95	<LOD	<LOD	<LOD	89	165.87
Butler 3	Niton XRF	BP11-CU03	ppm	16	16.1	859199.63	<LOD	<LOD	<LOD	<LOD	296	<LOD	26348.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65565.34	<LOD	<LOD	40720.18	<LOD	1852	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	5197.67	<LOD	<LOD	<LOD	172	114.2
Butler 3	Niton XRF	BP11-CU03	ppm	17	17.1	906483.94	<LOD	<LOD	<LOD	<LOD	221	<LOD	7081.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52536.67	<LOD	<LOD	28283.64	<LOD	533	<LOD	16	<LOD	<LOD	<LOD	<LOD	27.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	3880.35	<LOD	<LOD	<LOD	160	148.67
Butler 3	Niton XRF	BP11-CU03	ppm	18	18.1	890731.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3564.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80023.87	<LOD	<LOD	16057.6	<LOD	1557	<LOD	22	<LOD	<LOD	<LOD	<LOD	15.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	6780.95	<LOD	298.68	<LOD	171	496.28
Butler 3	Niton XRF	BP11-CU03	ppm	19	19.1	849999.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3369.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136554.53	<LOD	<LOD	<LOD	<LOD	2229	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5747.07	<LOD	402.27	<LOD	215	171.41
Butler 3	Niton XRF	BP11-CU03	ppm	20	20.1	881916.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10303.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84622.97	<LOD	<LOD	16665.41	<LOD	989	<LOD	22	<LOD	<LOD	<LOD	<LOD	21.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97	<LOD	<LOD	<LOD	4324.78	<LOD	313.58	<LOD	188	215.63
Butler 3	Niton XRF	BP11-CU03	ppm	21	21.1	904070.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7871.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60821.27	<LOD	<LOD	21005.97	<LOD	1537	<LOD	24	<LOD	<LOD	<LOD	<LOD	17.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	222	<LOD	<LOD	<LOD	3426.39	<LOD	326.25	<LOD	65	231.08
Butler 3	Niton XRF	BP11-CU03	ppm	22	22.1	897657.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6721.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87974.29	<LOD	<LOD	2661.95	<LOD	782	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3158.3	<LOD	227.42	<LOD	124	216.19
Butler 3	Niton XRF	BP11-CU03	ppm	23	23.1	859858.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14904.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111888.83	<LOD	<LOD	6306.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	5761.59	<LOD	467.94	<LOD	118	99.5
Butler 3	Niton XRF	BP11-CU03	ppm	24	24.1	913122.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4140.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74435.39	<LOD	<LOD	2492.93	<LOD	528	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3999.79	<LOD	391.31	<LOD	97	238.51
Butler 3	Niton XRF	BP11-CU03	ppm	25	25.1	885010.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2008.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102820.14	<LOD	<LOD	3401.81	<LOD	938	<LOD	20	<LOD	<LOD	<LOD	<LOD	6.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4611.69	<LOD	261.28	<LOD	167	252.87
Butler 3	Niton XRF	BP11-CU03	ppm	26	26.1	818762.75	<LOD	<LOD	<LOD	<LOD	271	<LOD	2733.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131450.84	<LOD	<LOD	37559.36	<LOD	493	<LOD	22	<LOD	<LOD	<LOD	<LOD	73.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6736.74	<LOD	769.75	<LOD	248	154.94
Butler 3	Niton XRF	BP11-CU03	ppm	27	27.1	856585.94	<LOD	<LOD	<LOD	<LOD	195	<LOD	2945	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121123.48	<LOD	<LOD	10889.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6882.4	<LOD	471.09	<LOD	152	108.28
Butler 3	Niton XRF	BP11-CU03	ppm	28	28.1	838848.81	<LOD	<LOD	<LOD	<LOD	363	<LOD	2451.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117981.28	<LOD	<LOD	32418.84	<LOD	468	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6377.58	<LOD	329.41	<LOD	178	215.23
Butler 3	Niton XRF	BP11-CU03	ppm	29	29.1	976390.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4690.06	<LOD	<LOD	<LOD	89.8	<LOD	<LOD	18009.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137.94	<LOD	68.08	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP11-CU03	ppm	30	30.1	897280.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5661.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89348.66	<LOD	<LOD	4550.54	<LOD	790	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1688.43	<LOD	<LOD	<LOD	125	111.66
Butler 3	Niton XRF	BP11-CU03	ppm	31	31.1	923028.5	<LOD	<LOD	<LOD	<LOD	165	<LOD	7519.66	<LOD	<LOD	<LOD	143.75	<LOD	<LOD	48825.14	<LOD	<LOD	15565.71	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	11.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130	<LOD	<LOD	<LOD	3942.76	<LOD	<LOD	<LOD	76	150.39
Butler 3	Niton XRF	BP11-CU03	ppm	32	32.1	838665.38	<LOD	<LOD	<LOD	<LOD	176	<LOD	1857.22	<LOD	<LOD	<LOD	<LOD	<LOD	200	138767.3	<LOD	<LOD	10646.79	<LOD	1178	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3919.94	<LOD	487.06	<LOD	164	56.62
Butler 3	Niton XRF	BP11-CU03	ppm	33	33.1	910217.69	<LOD	<LOD	<LOD	<LOD	253	<LOD	3069.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56317.81	<LOD	<LOD	25115.4	<LOD	395	<LOD	18	<LOD	<LOD	<LOD	<LOD	32.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3902.93	<LOD	<LOD	<LOD	83	196.24
Butler 3	Niton XRF	BP11-CU03	ppm	34	34.1	910090.19	<LOD	<LOD	<LOD	<LOD	215	<LOD	1652.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61864.83	<LOD	<LOD	22010.68	<LOD	834	<LOD	23	<LOD	<LOD	<LOD	<LOD	16.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2340.82	<LOD	<LOD	<LOD	158	232.31
Butler 3	Niton XRF	BP11-CU03	ppm	35	35.1	936022.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2692.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49309	<LOD	<LOD	7484.33	<LOD	1089	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2631.76	<LOD	<LOD	<LOD	148	170.32
Butler 3	Niton XRF	BP11-CU03	ppm	36	36.1	835660.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29896.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118636.45	<LOD	<LOD	8023.9	<LOD	925	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	6123.32	<LOD	<LOD	<LOD	137	95.87
Butler 3	Niton XRF	BP11-CU03	ppm	37	37.1	915935.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3313.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57352.78	<LOD	<LOD	18753.38	<LOD	931	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2837.07	<LOD	215.87	<LOD	215	123.97
Butler 3	Niton XRF	BP11-CU03	ppm	38	38.1	895290.06	<LOD	<LOD	<LOD	<LOD	326	<LOD	5299.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61974	<LOD	<LOD	30057.37	<LOD	1358	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71	<LOD	<LOD	<LOD	4866.82	<LOD	<LOD	<LOD	193	108.61
Butler 3	Niton XRF	BP11-CU03	ppm	39	39.1	897819.88	<LOD	<LOD	<LOD	<LOD	273	<LOD	2772.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70654.6	<LOD	<LOD	22715.91	<LOD	1674	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3498.78	<LOD	<LOD	<LOD	216	99.01
Butler 3	Niton XRF	BP11-CU03	ppm	40	40.1	861383.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1865.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110089.14	<LOD	<LOD	19357.13	<LOD	2945	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3338.34	<LOD	<LOD	<LOD	403	102.93
Butler 3	Niton XRF	BP11-CU03	ppm	41	41.1	904008.19	<LOD	<LOD	<LOD	<LOD	393	<LOD	2307.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56395.22	<LOD	<LOD	31206.05	<LOD	941	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	3851.28	<LOD	<LOD	<LOD	295	147.69
Butler 3	Niton XRF	BP11-CU03	ppm	42	42.1	878481.88	<LOD	<LOD	<LOD	<LOD	265	<LOD	18716.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49962.69	<LOD	<LOD	46669.03	<LOD	1072	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	243	<LOD	<LOD	<LOD	3904.29	<LOD	<LOD	<LOD	144	134.29
Butler 3	Niton XRF	BP11-CU03	ppm	43	43.1	904713.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9236.92	<LOD	<LOD	<LOD	94.79	<LOD	<LOD	43909.62	<LOD	<LOD	34818.73	<LOD	1602	<LOD	21	<LOD	<LOD	<LOD	<LOD	35.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	4859.88	<LOD	<LOD	<LOD	155	117.23
Butler 3	Niton XRF	BP11-CU03	ppm	44	44.1	917320.88	<LOD	<LOD	<LOD	<LOD	339	<LOD	4708.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40303.4	<LOD	<LOD	31827.36	<LOD	583	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	4161.24	<LOD	206	<LOD	142	126.69
Butler 3	Niton XRF	BP11-CU03	ppm	45	45.1	921599.88	<LOD	<LOD	<LOD	<LOD	148	<LOD	11164.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39396.18	<LOD	<LOD	21481.14	<LOD	2402	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	3176.03	<LOD	<LOD	<LOD	88	138.39
Butler 3	Niton XRF	BP11-CU03	ppm	46	46.1	914543.63	<LOD	<LOD	<LOD	<LOD	167	<LOD	6951.66	<LOD	<LOD	<LOD	109.8	<LOD	<LOD	46315.49	<LOD	<LOD	25876.74	<LOD	2119	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	3130.89	<LOD	<LOD	<LOD	301	161.37
Butler 3	Niton XRF	BP11-CU03	ppm	47	47.1	887032.63	<LOD	<LOD	<LOD	<LOD	191	<LOD	18495.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48082.26	<LOD	<LOD	40564.73	<LOD	1173	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122	<LOD	<LOD	<LOD	3512.6	<LOD	<LOD	<LOD	208	118.58
Butler 3	Niton XRF	BP11-CU03	ppm	48	48.1	903354.94	<LOD	<LOD	<LOD	<LOD	196	<LOD	12408.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55642.35	<LOD	<LOD	20896.71	<LOD	2178	<LOD	18	<LOD	<LOD	<LOD	<LOD	19.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4471.2	<LOD	<LOD	<LOD	185	144.94
Butler 3	Niton XRF	BP11-CU03	ppm	49	49.1	888686.31	<LOD	<LOD	<LOD	<LOD	507	<LOD	16574.52	<LOD	<LOD	<LOD	100.55	<LOD	<LOD	46867.77	<LOD	<LOD	40768.53	<LOD	1548	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	4280.01	<LOD	<LOD	<LOD	139	112.35
Butler 3	Niton XRF	BP11-CU03	ppm	50	50.1	910246.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7496.41	<LOD	<LOD	<LOD	90.52	<LOD	<LOD	41637.51	<LOD	<LOD	36140.43	<LOD	1261	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2425.27	<LOD	<LOD	<LOD	108	127.66
Butler 3	Niton XRF	BP11-CU03	ppm	51	51.1	906411	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5591.67	<LOD	<LOD	<LOD	89.76	<LOD	<LOD	39669.04	<LOD	<LOD	42969.08	<LOD	988	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	3477.21	<LOD	<LOD	<LOD	130	146.12
Butler 3	Niton XRF	BP11-CU03	ppm	52	52.1	928994	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3927.87	<LOD	<LOD	<LOD	86.04	<LOD	<LOD	36986.32	<LOD	<LOD	24042.3	<LOD	865	<LOD	18	<LOD	<LOD	<LOD	<LOD	22.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	4445.87	<LOD	<LOD	<LOD	91	123
Butler 3	Niton XRF	BP11-CU03	ppm	53	53.1	909145.94	<LOD	<LOD	<LOD	<LOD	240	<LOD	4982.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50013.32	<LOD	<LOD	29764.59	<LOD	1185	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121	<LOD	<LOD	<LOD	4031.37	<LOD	<LOD	<LOD	149	158.79
Butler 3	Niton XRF	BP11-CU03	ppm	54	54.1	910857.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6703.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46734.11	<LOD	<LOD	30106.55	<LOD	1744	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93	<LOD	<LOD	<LOD	2978.57	<LOD	188.43	<LOD	123	130

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP11-CU03	ppm	55	55.1	932874	<LOD	<LOD	<LOD	<LOD	156	<LOD	4406.05	<LOD	<LOD	<LOD	99.68	<LOD	<LOD	40918.11	<LOD	<LOD	16021.74	<LOD	1459	<LOD	15	<LOD	<LOD	<LOD	<LOD	11.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	3301.82	<LOD	<LOD	<LOD	220	286.37
Butler 3	Niton XRF	BP11-CU03	ppm	56	56.1	779469.25	<LOD	<LOD	<LOD	<LOD	465	<LOD	17453.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	147521.09	<LOD	<LOD	42309.61	<LOD	2096	<LOD	40	<LOD	<LOD	<LOD	<LOD	58.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8549.14	<LOD	<LOD	<LOD	812	330.81
Butler 3	Niton XRF	BP11-CU03	ppm	57	57.1	880101.19	<LOD	<LOD	<LOD	<LOD	295	<LOD	25544.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55413.05	<LOD	<LOD	33406.13	<LOD	1040	<LOD	24	<LOD	<LOD	<LOD	<LOD	39.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	3077.74	<LOD	222.98	<LOD	272	324.1
Butler 3	Niton XRF	BP11-CU03	ppm	58	58.1	924287.88	<LOD	<LOD	<LOD	<LOD	307	<LOD	3146.58	<LOD	<LOD	<LOD	155.13	<LOD	<LOD	42259.98	<LOD	<LOD	26269.24	<LOD	470	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39	<LOD	<LOD	<LOD	2211.15	<LOD	143.56	<LOD	244	151.66
Butler 3	Niton XRF	BP11-CU03	ppm	59	59.1	889170.13	<LOD	<LOD	<LOD	<LOD	300	<LOD	2362.17	<LOD	<LOD	<LOD	119.8	<LOD	<LOD	61280.13	<LOD	<LOD	39273.79	<LOD	1186	<LOD	25	<LOD	<LOD	<LOD	<LOD	29.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	4805.97	<LOD	320.69	<LOD	285	474.49
Butler 3	Niton XRF	BP11-CU03	ppm	60	60.1	885251.63	<LOD	<LOD	<LOD	<LOD	409	<LOD	13088.84	<LOD	<LOD	<LOD	103.27	<LOD	<LOD	54954.73	<LOD	<LOD	40315.26	<LOD	801	<LOD	<LOD	<LOD	<LOD	47	<LOD	35.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149	<LOD	<LOD	<LOD	3466.22	<LOD	294.71	<LOD	761	233.62
Butler 3	Niton XRF	BP11-CU03	ppm	61	61.1	843583.13	<LOD	<LOD	<LOD	<LOD	746	<LOD	21459.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65442.8	<LOD	<LOD	62324.34	<LOD	905	<LOD	<LOD	<LOD	<LOD	51	<LOD	59.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	202	<LOD	<LOD	<LOD	4424.09	<LOD	249.93	<LOD	342	90.4
Butler 3	Niton XRF	BP11-CU03	ppm	62	62.1	942658.44	<LOD	<LOD	<LOD	<LOD	244	<LOD	7595.35	<LOD	<LOD	<LOD	89.21	<LOD	<LOD	15223.11	<LOD	<LOD	31037.65	<LOD	372	<LOD	15	<LOD	<LOD	<LOD	<LOD	29.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145	<LOD	<LOD	<LOD	1910.53	<LOD	124.46	<LOD	144	316.52
Butler 3	Niton XRF	BP11-CU03	ppm	63	63.1	904656.13	<LOD	<LOD	<LOD	<LOD	414	<LOD	5498.17	<LOD	<LOD	<LOD	148.47	<LOD	278	59848.02	<LOD	<LOD	24484.23	<LOD	1062	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	2582.2	<LOD	235.14	<LOD	432	138.48
Butler 3	Niton XRF	BP11-CU03	ppm	64	64.1	944872.69	<LOD	<LOD	<LOD	<LOD	1019	<LOD	3347.29	<LOD	<LOD	<LOD	99.26	<LOD	<LOD	29418.47	<LOD	<LOD	15568.83	<LOD	459	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4004.24	<LOD	330.11	<LOD	211	323.47
Butler 3	Niton XRF	BP11-CU03	ppm	65	65.1	761411	<LOD	<LOD	<LOD	<LOD	591	<LOD	5068.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131625.14	<LOD	<LOD	73479.95	<LOD	3113	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7579.5	<LOD	474.43	<LOD	774	141.81
Butler 3	Niton XRF	BP11-CU03	ppm	66	66.1	872923.56	<LOD	<LOD	<LOD	<LOD	368	<LOD	22139.75	<LOD	<LOD	<LOD	251.07	<LOD	<LOD	63647.72	<LOD	<LOD	32622.34	<LOD	2043	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128	<LOD	<LOD	<LOD	4925.97	<LOD	<LOD	<LOD	357	158.45
Butler 3	Niton XRF	BP11-CU03	ppm	67	67.1	872263.94	<LOD	<LOD	<LOD	<LOD	260	<LOD	20404.65	<LOD	<LOD	<LOD	250.05	<LOD	<LOD	57984.77	<LOD	<LOD	39442.45	<LOD	2273	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151	<LOD	<LOD	<LOD	3384.32	<LOD	216.87	<LOD	463	120.8
Butler 3	Niton XRF	BP11-CU03	ppm	68	68.1	867661.56	<LOD	<LOD	<LOD	<LOD	386	<LOD	22102.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54511.8	<LOD	<LOD	34394.39	<LOD	1394	<LOD	18	<LOD	<LOD	35	<LOD	29.07	<LOD	15811	<LOD	<LOD	<LOD	<LOD	<LOD	177	<LOD	<LOD	<LOD	2540.48	<LOD	200.6	<LOD	264	156.47
Butler 3	Niton XRF	BP11-CU03	ppm	69	69.1	872323	<LOD	<LOD	<LOD	<LOD	371	<LOD	21911.25	<LOD	<LOD	<LOD	184.99	<LOD	<LOD	52568.4	<LOD	<LOD	45687.59	<LOD	1868	<LOD	<LOD	<LOD	<LOD	49	<LOD	43.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	201	<LOD	<LOD	<LOD	3970.86	<LOD	<LOD	<LOD	352	146.6
Butler 3	Niton XRF	BP11-CU03	ppm	70	70.1	912904.75	<LOD	<LOD	<LOD	<LOD	268	<LOD	20853.63	<LOD	<LOD	<LOD	152.56	<LOD	<LOD	35472.48	<LOD	<LOD	23440.99	<LOD	1623	<LOD	21	<LOD	<LOD	45	<LOD	17.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	2529.19	<LOD	197.1	<LOD	202	237.81
Butler 3	Niton XRF	BP11-CU03	ppm	71	71.1	932837.25	<LOD	<LOD	<LOD	<LOD	242	<LOD	17932.1	<LOD	<LOD	<LOD	92.17	<LOD	<LOD	26993.75	<LOD	<LOD	17926.57	<LOD	1681	<LOD	16	<LOD	<LOD	52	<LOD	11.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	1427.31	<LOD	188.27	<LOD	184	231.47
Butler 3	Niton XRF	BP11-CU03	ppm	72	72.1	900837.31	<LOD	<LOD	<LOD	<LOD	301	<LOD	12855.7	<LOD	<LOD	<LOD	113.05	<LOD	<LOD	50303.36	<LOD	<LOD	23702.99	<LOD	1535	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2600.96	<LOD	198.53	<LOD	214	156.88
Butler 3	Niton XRF	BP11-CU03	ppm	73	73.1	922498.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12246.99	<LOD	<LOD	<LOD	104.58	<LOD	<LOD	48147.51	<LOD	<LOD	8601.21	<LOD	3096	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3145.06	<LOD	<LOD	<LOD	192	184.83
Butler 3	Niton XRF	BP11-CU03	ppm	74	74.1	902736.81	<LOD	<LOD	<LOD	<LOD	192	<LOD	5100.18	<LOD	<LOD	<LOD	136.41	<LOD	<LOD	56559.67	<LOD	<LOD	5264.54	<LOD	2540	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.82	<LOD	23672	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2660.16	<LOD	302.93	<LOD	244	165.11
Butler 3	Niton XRF	BP11-CU03	ppm	75	75.1	862799.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41194.92	<LOD	<LOD	<LOD	186.22	<LOD	<LOD	51903.39	<LOD	<LOD	25379.99	<LOD	2292	<LOD	22	<LOD	<LOD	69	<LOD	16.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	185	<LOD	<LOD	<LOD	4198.05	<LOD	<LOD	<LOD	218	214.66
Butler 3	Niton XRF	BP11-CU03	ppm	76	76.1	856968.31	<LOD	<LOD	<LOD	<LOD	456	<LOD	22483.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72519.54	<LOD	<LOD	38354.76	<LOD	2485	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	5603.57	<LOD	376.85	<LOD	372	143.95
Butler 3	Niton XRF	BP11-CU03	ppm	77	77.1	913426.06	<LOD	<LOD	<LOD	<LOD	300	<LOD	24529.02	<LOD	<LOD	<LOD	167.75	<LOD	<LOD	39376.97	<LOD	<LOD	15482.5	<LOD	1893	<LOD	19	<LOD	<LOD	43	<LOD	14.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128	<LOD	<LOD	<LOD	3977.43	<LOD	178.43	<LOD	236	144.19
Butler 3	Niton XRF	BP11-CU03	ppm	78	78.1	848729.38	<LOD	<LOD	<LOD	<LOD	571	<LOD	18293.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74233.65	<LOD	<LOD	48415.46	<LOD	3421	<LOD	17	<LOD	<LOD	<LOD	<LOD	46.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	4865.69	<LOD	305.51	<LOD	669	96.15
Butler 3	Niton XRF	BP11-CU03	ppm	79	79.1	874302.81	<LOD	<LOD	<LOD	<LOD	572	<LOD	16464.79	<LOD	<LOD	<LOD	125.83	<LOD	<LOD	59776.2	<LOD	<LOD	40466.14	<LOD	3008	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	4281.37	<LOD	265.08	<LOD	418	90.71
Butler 3	Niton XRF	BP11-CU03	ppm	80	80.1	856666.88	<LOD	<LOD	<LOD	<LOD	738	<LOD	19882.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77652.57	<LOD	<LOD	37660.49	<LOD	1694	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	4566.9	<LOD	249.27	<LOD	467	72.38
Butler 3	Niton XRF	BP11-CU03	ppm	81	81.1	895284.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6952.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65557.47	<LOD	<LOD	26799.55	<LOD	1654	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2554.95	<LOD	<LOD	<LOD	399	174.65
Butler 3	Niton XRF	BP11-CU03	ppm	82	82.1	952922.69	<LOD	<LOD	<LOD	<LOD	167	<LOD	<LOD	<LOD	<LOD	<LOD	82.38	<LOD	<LOD	27782	<LOD	<LOD	14955.05	<LOD	355	<LOD	22	<LOD	<LOD	<LOD	<LOD	12.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1801.38	<LOD	<LOD	<LOD	247	320.8
Butler 3	Niton XRF	BP11-CU03	ppm	83	83.1	921909.63	<LOD	<LOD	<LOD	<LOD	521	<LOD	5449.41	<LOD	<LOD	<LOD	121.52	<LOD	<LOD	37755.07	<LOD	<LOD	29032	<LOD	930	<LOD	23	<LOD	<LOD	<LOD	<LOD	15.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86	<LOD	<LOD	<LOD	3166.03	<LOD	204.78	<LOD	155	338.48
Butler 3	Niton XRF	BP11-CU03	ppm	84	84.1	881606.38	<LOD	<LOD	<LOD	<LOD	384	<LOD	19221.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62357.39	<LOD	<LOD	31133.88	<LOD	1150	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118	<LOD	<LOD	<LOD	2831.43	<LOD	245.88	<LOD	296	229.14
Butler 3	Niton XRF	BP11-CU03	ppm	85	85.1	880203.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8803.26	<LOD	<LOD	<LOD	<LOD	<LOD	158	61499.59	<LOD	<LOD	5946.03	<LOD	1661	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37844	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	<LOD	2772.16	<LOD	<LOD	<LOD	338	230.05
Butler 3	Niton XRF	BP11-CU03	ppm	86	86.1	912700.81	<LOD	<LOD	<LOD	<LOD	437	<LOD	8462.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47028.05	<LOD	<LOD	26950.15	<LOD	1202	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	2326.2	<LOD	179.65	<LOD	152	151.48
Butler 3	Niton XRF	BP11-CU03	ppm	87	87.1	925175.13	<LOD	<LOD	<LOD	<LOD	212	<LOD	13451.45	<LOD	<LOD	<LOD	105.35	<LOD	<LOD	36220.22	<LOD	<LOD	21668.71	<LOD	746	<LOD	15	<LOD	<LOD	<LOD	<LOD	15.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1959.42	<LOD	150.92	<LOD	74	102.06
Butler 3	Niton XRF	BP11-CU03	ppm	88	88.1	926507.81	<LOD	<LOD	<LOD	<LOD	326	<LOD	4947.63	<LOD	<LOD	<LOD	110.5	<LOD	<LOD	51599.17	<LOD	<LOD	9046.27	<LOD	2415	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2733.25	<LOD	<LOD	<LOD	268	204.8
Butler 3	Niton XRF	BP11-CU03	ppm	89	89.1	908359.75	<LOD	<LOD	<LOD	<LOD	341	<LOD	7164.21	<LOD	<LOD	<LOD	107.98	<LOD	<LOD	46838.32	<LOD	<LOD	31955.93	<LOD	1073	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	3386.54	<LOD	203.65	<LOD	241	129.9
Butler 3	Niton XRF	BP11-CU03	ppm	90	90.1	906948.75	<LOD	<LOD	<LOD	<LOD	728	<LOD	2467	<LOD	<LOD	<LOD	138.13	<LOD	<LOD	57553.06	<LOD	<LOD	27971.96	<LOD	1026	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2507.84	<LOD	224.52	<LOD	117	190.26
Butler 3	Niton XRF	BP11-CU03	ppm	91	91.1	878742.75	<LOD	<LOD	<LOD	<LOD	796	<LOD	5382.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64645.35	<LOD	<LOD	43586.3	<LOD	1401	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3998.24	<LOD	343.17	<LOD	438	142.46
Butler 3	Niton XRF	BP11-CU03	ppm	92	92.1	887744.19	<LOD	<LOD	<LOD	<LOD	652	<LOD	10746.55	<LOD	<LOD	<LOD	115.32	<LOD	<LOD	62485.44	<LOD	<LOD	25497.56	<LOD	5218	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	6673.57	<LOD	397.63	<LOD	95	225.51
Butler 3	Niton XRF	BP11-CU03	ppm	93	93.1	922749.5	<LOD	<LOD	<LOD	<LOD	324	<LOD	5576.95	<LOD	<LOD	<LOD	111.8	<LOD	<LOD	44872.98	<LOD	<LOD	22056.01	<LOD	1225	<LOD	<LOD	<LOD	<LOD	40	<LOD	12.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2341.32	<LOD	<LOD	<LOD	255	123.84
Butler 3	Niton XRF	BP11-CU03	ppm	94	94.1	891706.31	<LOD	<LOD	<LOD	<LOD	417	<LOD	25084.08	<LOD	<LOD	<LOD	137.56	<LOD	<LOD	52985.27	<LOD	<LOD	21632.7	<LOD	1610	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	5528.59	<LOD	274.11	<LOD	168	184.08
Butler 3	Niton XRF	BP11-CU03	ppm	95	95.1	872670.13	<LOD	<LOD	<LOD	<LOD	728	<LOD	34893.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55937.91	<LOD	<LOD	26393.71	<LOD	877	<LOD	<LOD	<LOD	<LOD	62	<LOD	16.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	276	<LOD	<LOD	<LOD	7059.91	<LOD	386.7	<LOD	220	235.5
Butler 3	Niton XRF	BP11-CU03	ppm	96	96.1	890198	<LOD	<LOD	<LOD	<LOD	578	<LOD	13299.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49169.13	<LOD	<LOD	40381.48	<LOD	1033	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	<LOD	4214.19	<LOD	346.61	<LOD	238	171.73
Butler 3	Niton XRF	BP11-CU03	ppm	97	97.1	930245.13	<LOD	<LOD	<LOD	<LOD	199	<LOD	4654.94	<LOD	<LOD	<LOD	78.06	<LOD	<LOD	34610.39	<LOD	<LOD	24983.85	<LOD	1960	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	<LOD	2682.62	<LOD	<LOD	<LOD	108	171.61
Butler 3	Niton XRF	BP11-CU03	ppm	98	98.1	859368.31	<LOD	<LOD	<LOD	<LOD	618	<LOD	41186.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56647.34	<LOD	<LOD	31909.74	<LOD	1590	<LOD	20	<LOD	<LOD	44	<LOD	22.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	252	<LOD	<LOD	<LOD	7195.21	<LOD	509.7	<LOD	285	231.3
Butler 3	Niton XRF	BP11-CU03	ppm	99	99.1	883539.38	<LOD	<LOD	<LOD	<LOD	659	<LOD	19288.25	<LOD	<LOD	<LOD	120.03	<LOD	<LOD	59778.87	<LOD	<LOD	26598.36	<LOD	2449	<LOD	27	<LOD	<LOD	<LOD	<LOD	16.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129	<LOD	<LOD	<LOD	6135.83	<LOD	430.73	<LOD	271	206.15
Butler 3	Niton XRF	BP11-CU03	ppm	100	100.1	926586.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9156.54	<LOD	<LOD	<LOD	113.27	<LOD	<LOD	48872.58	<LOD	<LOD	5156.7	<LOD	2964	<LOD	18	<LOD	<LOD	<LOD	<LOD	4.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	6085.99	<LOD	249.91	<LOD	212	226.37
Butler 3	Niton XRF	BP11-CU03	ppm	101	101.1	886391.94	<LOD	<LOD	<LOD	<LOD	638	<LOD	30171.42	<LOD	<LOD	<LOD	124.29	<LOD	<LOD	55403.71	<LOD	<LOD	21076.38	<LOD	1063	<LOD	<LOD	<LOD	<LOD	51	<LOD	15.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	195	<LOD	<LOD	<LOD	3858.88	<LOD	393.78	<LOD	349	185.87
Butler 3	Niton XRF	BP11-CU03	ppm	102	102.1	827813.56	<LOD	<LOD	<LOD	<LOD	985	<LOD	35403.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74005.51	<LOD	<LOD	52083.77	<LOD	1635	<LOD	<LOD	<LOD	<LOD	73	<LOD	40.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	269	<LOD	<LOD	<LOD	6064.42	<LOD	395.42	<LOD	719	167.93
Butler 3	Niton XRF	BP11-CU03	ppm	103	103.1	851586.06	<LOD	<LOD	<LOD	<LOD	985	<LOD	29331.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66862.83	<LOD	<LOD	41703.45	<LOD	1361	<LOD	<LOD	<LOD	<LOD	58	<LOD	28.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	192	<LOD	<LOD	<LOD	6534.43	<LOD	486.24	<LOD	370	197.58
Butler 3	Niton XRF	BP11-CU03	ppm	104	104.1	855405.75	<LOD	<LOD	<LOD	<LOD	1010	<LOD	30366.07	<LOD	<LOD	<LOD	130.22	<LOD	<LOD	65012.64	<LOD	<LOD	38579.77	<LOD	1555	<LOD	24	<LOD	<LOD	79	<LOD	29.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	237	<LOD	<LOD	<LOD	6457.13	<LOD	392.4	<LOD	324	207.15
Butler 3	Niton XRF	BP11-CU03	ppm	105	105.1	841259.38	<LOD	<LOD	<LOD	<LOD	954	<LOD	24350.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78198.78	<LOD	<LOD	44229.7	<LOD	1977	<LOD	21	<LOD	<LOD	66	<LOD	32.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152	<LOD	<LOD	<LOD	7309.62	<LOD	573.84	<LOD	429	231.18
Butler 3	Niton XRF	BP11-CU03	ppm	106	106.1	865605.06	<LOD	<LOD	<LOD	<LOD	836	<LOD	21068.29	<LOD	<LOD	<LOD	128.46	<LOD	<LOD	67424.58	<LOD	<LOD	37205.35	<LOD	1793	<LOD	<LOD	<LOD	<LOD	62	<LOD	23.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	<LOD	4418.54	<LOD	297.25	<LOD	638	204.26
Butler 3	Niton XRF	BP11-CU03	ppm	107	107.1	871548.63	<LOD	<LOD	<LOD	<LOD	851	<LOD	19934.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57097.19	<LOD	<LOD	43482.24	<LOD	1624	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151	<LOD	<LOD	<LOD	4025.21	<LOD	357.11	<LOD	324	114.94
Butler 3	Niton XRF	BP11-CU03	ppm	108	108.1	706345	<LOD	<LOD	<LOD	<LOD	535	<LOD	22823.31	<LOD	<LOD	<LOD	293.44	<LOD	353	134444.72	<LOD	<LOD	24918.96	<LOD	2576	<LOD	<LOD	<LOD	<LOD	69	<LOD	19.26	<LOD	99580	<LOD	<LOD	<LOD	<LOD	<LOD	255	<LOD	<LOD	<LOD	5346.56	<LOD	459.67	<LOD	1667	170.56
Butler 3	Niton XRF	BP11-CU03	ppm	109	109.1	827809.88	<LOD	<LOD	<LOD	<LOD	752	<LOD	11394.14	<LOD	<LOD	<LOD	<LOD	<LOD	253	80842.99	<LOD	<LOD	20635.97	<LOD	857	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.95	<LOD	53514	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	2790.98	<LOD	279.04	<LOD	319	103.78
Butler 3	Niton XRF	BP11-CU03	ppm	110	110.1	882648.06	<LOD	<LOD	<LOD	<LOD	607	<LOD	13833.27	<LOD	<LOD	<LOD	144.48	<LOD	<LOD	59204.66	<LOD	<LOD	33198.76	<LOD	1664	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82	<LOD	<LOD	<LOD	7496.63	<LOD	296.83	<LOD	183	210.6
Butler 3	Niton XRF	BP11-CU03	ppm	111	111.1	889106	<LOD	<LOD	<LOD	<LOD	590	<LOD	30211.56	<LOD	<LOD	<LOD	107.41	<LOD	<LOD	47190.29	<LOD	<LOD	27219.86	<LOD	1076	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	220	<LOD	<LOD	<LOD	3487.27	<LOD	251.1	<LOD	204	145.93
Butler 3	Niton XRF	BP11-CU03	ppm	112	112.1	756625.31	<LOD	<LOD	<LOD	<LOD	476	<LOD	181548.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35169.92	<LOD	<LOD	7025.49	<LOD	681	<LOD	<LOD	<LOD	<LOD	36	<LOD	24.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	183	<LOD	<LOD	<LOD	17261.17	<LOD	<LOD	<LOD	214	221.81
Butler 3	Niton XRF	BP11-CU03	ppm	113	113.1	889234.38	<LOD	<LOD	<LOD	<LOD	415	<LOD	6081.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75492.05	<LOD	<LOD	16154.71	<LOD	1774	<LOD	19	<LOD	<LOD	<LOD	<LOD	8.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6470.1	<LOD	345.59	<LOD	308	214.28
Butler 3	Niton XRF	BP11-CU03	ppm	114	114.1	868520.06	<LOD	<LOD	<LOD	<LOD	474	<LOD	7863.49	<LOD	<LOD	<LOD	154.1	<LOD	<LOD	73916.27	<LOD	<LOD	36590.3	<LOD	1806	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110	<LOD	<LOD	<LOD	8897.69	<LOD	343.5	<LOD	519	249.43
Butler 3	Niton XRF	BP11-CU03	ppm	115	115.1	900739.81	<LOD	<LOD	<LOD	<LOD	679	<LOD	21328.23	<LOD	<LOD	<LOD	136.72	<LOD	<LOD	40738.9	<LOD	<LOD	30337.31	<LOD	907	<LOD	<LOD	<LOD	<LOD	70	<LOD	21.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	273	<LOD	<LOD	<LOD	3611.38	<LOD	313.85	<LOD	323	153.27
Butler 3	Niton XRF	BP11-CU03	ppm	116	116.1	886514.38	<LOD	<LOD	<LOD	<LOD	534	<LOD	18412.62	<LOD	<LOD	<LOD	141.2	<LOD	<LOD	52588.3	<LOD	<LOD	34708.21	<LOD	1803	<LOD	<LOD	<LOD	<LOD	65	<LOD	26.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	171	<LOD	<LOD	<LOD	4191.5	<LOD	<LOD	<LOD	408	160.49
Butler 3	Niton XRF	BP11-CU03	ppm	117	117.1	855835.06	<LOD	<LOD	<LOD	<LOD	464	<LOD	11524.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76088.92	<LOD	<LOD	29482.46	<LOD	3495	<LOD	18	<LOD	<LOD	<LOD	<LOD	22.91	<LOD	17950	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	3217.55	<LOD	221.88	<LOD	918	229.83
Butler 3	Niton XRF	BP11-CU03	ppm	118	118.1	833884.69	<LOD	<LOD	<LOD	<LOD	1169	<LOD	24679.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78275.15	<LOD	<LOD	52092.36	<LOD	1760	<LOD	<LOD	<LOD	<LOD	44	<LOD	34.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	215	<LOD	<LOD	<LOD	6696.62	<LOD	423.31	<LOD	556	80.56
Butler 3	Niton XRF	BP11-CU03	ppm	119	119.1	886398.44	<LOD	<LOD	<LOD	<LOD	865	<LOD	9611.6	<LOD	<LOD	<LOD	103.82	<LOD	160	56953.64	<LOD	<LOD	30271.99	<LOD	1448	<LOD	19	<LOD	<LOD	60	<LOD	26.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	155	<LOD	<LOD	<LOD	3248.17	<LOD	338.54	<LOD	505	185.63
Butler 3	Niton XRF	BP11-CU03	ppm	120	120.1	891329.63	<LOD	<LOD	<LOD	<LOD	1050	<LOD	8307.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43180.54	<LOD	<LOD	49491.74	<LOD	872	<LOD	<LOD	<LOD	<LOD	39	<LOD	27.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114	<LOD	<LOD	<LOD	4120.62	<LOD	440.91	<LOD	311	213.25
Butler 3	Niton XRF	BP11-CU03	ppm	121	121.1	862897.75	<LOD	<LOD	<LOD	<LOD	356	<LOD	8327.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83287.95	<LOD	<LOD	27010.4	<LOD	1366	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4717.12	<LOD	279.45	<LOD	1830	225.28
Butler 3	Niton XRF	BP11-CU03	ppm	122	122.1	866619.94	<LOD	<LOD	<LOD	<LOD	511	<LOD	44025.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48402.34	<LOD	<LOD	32382.15	<LOD	1535	<LOD	<LOD	<LOD	<LOD	63	<LOD	21.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	192	<LOD	<LOD	<LOD	5222.11	<LOD	254.26	<LOD	258	207.63
Butler 3	Niton XRF	BP11-CU03	ppm	123	123.1	903026.75	<LOD	<LOD	<LOD	<LOD	662	<LOD	18692.14	<LOD	<LOD	<LOD	118.55	<LOD	<LOD	38155.02	<LOD	<LOD	34492.45	<LOD	1066	<LOD	<LOD	<LOD	<LOD	34	<LOD	21.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	2831.55	<LOD	295.41	<LOD	202	151.34
Butler 3	Niton XRF	BP11-CU03	ppm	124	124.1	906937.56	<LOD	<LOD	<LOD	<LOD	442	<LOD	11880.09	<LOD	<LOD	<LOD	109.57	<LOD	<LOD	45215.78	<LOD	<LOD	29859.36	<LOD	1524	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70	<LOD	<LOD	<LOD	3074.65	<LOD	244.67	<LOD	235	173.56
Butler 3	Niton XRF	BP11-CU03	ppm	125	125.1	901531.25	<LOD	<LOD	<LOD	<LOD	997	<LOD	4265.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49259	<LOD	<LOD	38683.87	<LOD	1351	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	<LOD	2900.46	<LOD	312.49	<LOD	122	185.76
Butler 3	Niton XRF	BP11-CU03	ppm	126	126.1	867203.13	<LOD	<LOD	<LOD	<LOD	939	<LOD	18121.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62184.52	<LOD	<LOD	44045.87	<LOD	1865	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	4272.99	<LOD	439.41	<LOD	345	143.88
Butler 3	Niton XRF	BP11-CU03	ppm	127	127.1	914835.13	<LOD	<LOD	<LOD	<LOD	273	<LOD	9409.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43982.81	<LOD	<LOD	26803.16	<LOD	1369	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	2507.36	<LOD	178.9	<LOD	204	157.35
Butler 3	Niton XRF	BP11-CU03	ppm	128	128.1	908866.75	<LOD	<LOD	<LOD	<LOD	581	<LOD	15300.56	<LOD	<LOD	<LOD	128.49	<LOD	<LOD	30280.28	<LOD	<LOD	39129.98	<LOD	1368	<LOD	21	<LOD	<LOD	37	<LOD	21.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	196	<LOD	<LOD	<LOD	2957.27	<LOD	258.11	<LOD	153	328.06
Butler 3	Niton XRF	BP11-CU03	ppm	129	129.1	915388.56	<LOD	<LOD	<LOD	<LOD	580	<LOD	11227.55	<LOD	<LOD	<LOD	122.05	<LOD	<LOD	22343.43	<LOD	<LOD	45586.74	<LOD	935	<LOD	22	<LOD	<LOD	36	<LOD	20.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116	<LOD	<LOD	<LOD	2663.32	<LOD	292.73	<LOD	141	392.24
Butler 3	Niton XRF	BP11-CU03	ppm	130	130.1	903263.63	<LOD	<LOD	<LOD	<LOD	651	<LOD	17840.93	<LOD	<LOD	<LOD	138.52	<LOD	<LOD	32065.85	<LOD	<LOD	40845.59	<LOD	1185	<LOD	16	<LOD	<LOD	42	<LOD	24.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	167	<LOD	<LOD	<LOD	2887.11	<LOD	271.34	<LOD	192	330.36
Butler 3	Niton XRF	BP11-CU03	ppm	131	131.1	914308.19	<LOD	<LOD	<LOD	<LOD	500	<LOD	16136.94	<LOD	<LOD	<LOD	164.22	<LOD	<LOD	27043.03	<LOD	<LOD	36468.02	<LOD	1275	<LOD	26	<LOD	<LOD	51	<LOD	25.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	173	<LOD	<LOD	<LOD	2796.27	<LOD	183.43	<LOD	209	352.43
Butler 3	Niton XRF	BP11-CU03	ppm	132	132.1	930492.19	<LOD	<LOD	<LOD	<LOD	706	<LOD	2581.57	<LOD	<LOD	<LOD	119.92	<LOD	<LOD	16256.25	<LOD	<LOD	46246.65	<LOD	537	<LOD	35	<LOD	<LOD	34	<LOD	24.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	2098.79	<LOD	284.92	<LOD	67	368.92
Butler 3	Niton XRF	BP11-CU03	ppm	133	133.1	940563.44	<LOD	<LOD	<LOD	<LOD	507	<LOD	1940.79	<LOD	<LOD	<LOD	102.63	<LOD	<LOD	12448.38	<LOD	<LOD	42133.64	<LOD	<LOD	<LOD	17	<LOD	<LOD	36	<LOD	20.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1354.55	<LOD	244.03	<LOD	68	283.97
Butler 3	Niton XRF	BP11-CU03	ppm	134	134.1	915247.13	<LOD	<LOD	<LOD	<LOD	778	<LOD	8537.54	<LOD	<LOD	<LOD	147.96	<LOD	<LOD	27184.68	<LOD	<LOD	43602	<LOD	832	<LOD	22	<LOD	<LOD	<LOD	<LOD	26.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2517.68	<LOD	258.14	<LOD	424	252.43
Butler 3	Niton XRF	BP11-CU03	ppm	135	135.1	892084.19	<LOD	<LOD	<LOD	<LOD	1003	<LOD	14207.31	<LOD	<LOD	<LOD	161.54	<LOD	<LOD	41182.75	<LOD	<LOD	45211.9	<LOD	1507	<LOD	18	<LOD	<LOD	49	<LOD	37.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	173	<LOD	<LOD	<LOD	3500	<LOD	259.41	<LOD	222	205.39
Butler 3	Niton XRF	BP11-CU03	ppm	136	136.1	884605.31	<LOD	<LOD	<LOD	<LOD	988	<LOD	17703.14	<LOD	<LOD	<LOD	102.78	<LOD	<LOD	38943.26	<LOD	<LOD	50843.21	<LOD	1921	<LOD	21	<LOD	<LOD	<LOD	<LOD	43.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	177	<LOD	<LOD	<LOD	3795.06	<LOD	252.26	<LOD	234	233.8
Butler 3	Niton XRF	BP11-CU03	ppm	137	137.1	869890.06	<LOD	<LOD	<LOD	<LOD	322	<LOD	36502.83	<LOD	<LOD	<LOD	183.99	<LOD	<LOD	45081.58	<LOD	<LOD	41476.98	<LOD	1668	<LOD	17	<LOD	<LOD	<LOD	<LOD	39.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	276	<LOD	<LOD	<LOD	3472	<LOD	275.27	<LOD	319	300.42
Butler 3	Niton XRF	BP11-CU03	ppm	138	138.1	918450.75	<LOD	<LOD	<LOD	<LOD	772	<LOD	7831.58	<LOD	<LOD	<LOD	140.89	<LOD	<LOD	20992.13	<LOD	<LOD	48128.53	<LOD	884	<LOD	16	<LOD	<LOD	<LOD	<LOD	31.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	<LOD	1928.14	<LOD	302.73	<LOD	114	275.21
Butler 3	Niton XRF	BP11-CU03	ppm	139	139.1	919517.38	<LOD	<LOD	<LOD	<LOD	690	<LOD	12655.07	<LOD	<LOD	<LOD	144.48	<LOD	<LOD	19121.4	<LOD	<LOD	44373.84	<LOD	908	<LOD	18	<LOD	<LOD	<LOD	<LOD	32.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	1614.52	<LOD	252.2	<LOD	126	295
Butler 3	Niton XRF	BP11-CU03	ppm	140	140.1	901139	<LOD	<LOD	<LOD	<LOD	777	<LOD	14924.42	<LOD	<LOD	<LOD	116.6	<LOD	<LOD	27009.8	<LOD	<LOD	51008.28	<LOD	847	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97	<LOD	<LOD	<LOD	3219.53	<LOD	308.48	<LOD	125	326.76
Butler 3	Niton XRF	BP11-CU03	ppm	141	141.1	892412.13	<LOD	<LOD	<LOD	<LOD	873	<LOD	10320.96	<LOD	<LOD	<LOD	133.06	<LOD	<LOD	31787.35	<LOD	<LOD	59302.1	<LOD	1112	<LOD	23	<LOD	<LOD	<LOD	<LOD	36.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150	<LOD	<LOD	<LOD	2996.71	<LOD	286.4	<LOD	128	303.83
Butler 3	Niton XRF	BP11-CU03	ppm	142	142.1	925218.81	<LOD	<LOD	<LOD	<LOD	678	<LOD	3710.93	<LOD	<LOD	<LOD	137.16	<LOD	<LOD	17963.31	<LOD	<LOD	49245.37	<LOD	663	<LOD	16	<LOD	<LOD	40	<LOD	29.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	1682.2	<LOD	202.44	<LOD	<LOD	266.58
Butler 3	Niton XRF	BP11-CU03	ppm	143	143.1	925222.38	<LOD	<LOD	<LOD	<LOD	398	<LOD	29998.62	<LOD	<LOD	<LOD	123.21	<LOD	<LOD	13959.41	<LOD	<LOD	26972.99	<LOD	812	<LOD	17	<LOD	<LOD	46	<LOD	21.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	<LOD	<LOD	1505.03	<LOD	211.92	<LOD	79	299.74
Butler 3	Niton XRF	BP11-CU03	ppm	144	144.1	935271	<LOD	<LOD	<LOD	<LOD	597	<LOD	1978.26	<LOD	<LOD	<LOD	147.23	<LOD	<LOD	12166.56	<LOD	<LOD	47074.84	<LOD	413	<LOD	20	<LOD	<LOD	<LOD	<LOD	31.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	1499.2	<LOD	233.51	<LOD	65	275.68
Butler 3	Niton XRF	BP11-CU03	ppm	145	145.1	922999.56	<LOD	<LOD	<LOD	<LOD	764	<LOD	5353.77	<LOD	<LOD	<LOD	109.29	<LOD	<LOD	18894.56	<LOD	<LOD	48497	<LOD	721	<LOD	23	<LOD	<LOD	<LOD	<LOD	33.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	1680.51	<LOD	330.09	<LOD	112	288.74
Butler 3	Niton XRF	BP11-CU03	ppm	146	146.1	912245.5	<LOD	<LOD	<LOD	<LOD	1697	<LOD	<LOD	<LOD	<LOD	<LOD	148.02	<LOD	<LOD	21343.09	<LOD	<LOD	59159.05	<LOD	872	<LOD	17	<LOD	<LOD	178	<LOD	31.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	209	<LOD	<LOD	<LOD	2096.39	<LOD	415.02	<LOD	142	249.15
Butler 3	Niton XRF	BP11-CU03	ppm	147	147.1	859715.81	<LOD	<LOD	<LOD	<LOD	546	<LOD	5014.94	<LOD	<LOD	<LOD	<LOD	<LOD	159	68399.62	<LOD	<LOD	58716.66	<LOD	1967	<LOD	27	<LOD	<LOD	382	<LOD	62.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	140	<LOD	<LOD	<LOD	3293.32	<LOD	237.17	<LOD	642	253.62
Butler 3	Niton XRF	BP11-CU03	ppm	148	148.1	848371.81	<LOD	<LOD	<LOD	<LOD	649	<LOD	35798.85	<LOD	<LOD	<LOD	196.75	<LOD	140	48787.51	<LOD	<LOD	58222.53	<LOD	2393	<LOD	<LOD	<LOD	<LOD	520	<LOD	42.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	174	<LOD	<LOD	<LOD	3538.89	<LOD	334.46	<LOD	494	190.33
Butler 3	Niton XRF	BP11-CU03	ppm	149	149.1	910008.69	<LOD	<LOD	<LOD	<LOD	1054	<LOD	2392.87	<LOD	<LOD	<LOD	143.12	<LOD	<LOD	17669.11	<LOD	<LOD	64791.66	<LOD	586	<LOD	17	<LOD	<LOD	<LOD	<LOD	39.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	2081.03	<LOD	468.08	<LOD	88	330.03
Butler 3	Niton XRF	BP11-CU03	ppm	150	150.1	876297.38	<LOD	<LOD	<LOD	<LOD	448	<LOD	10383.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54024.72	<LOD	<LOD	52540.34	<LOD	1857	<LOD	17	<LOD	<LOD	39	<LOD	53.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	326	<LOD	<LOD	<LOD	2972.06	<LOD	254.62	<LOD	328	195.26
Butler 3	Niton XRF	BP11-CU03	ppm	151	151.1	876724.38	<LOD	<LOD	<LOD	<LOD	1138	<LOD	13357.91	<LOD	<LOD	<LOD	178.06	<LOD	<LOD	40411.28	<LOD	<LOD	60862.16	<LOD	1153	<LOD	<LOD	<LOD	<LOD	68	<LOD	43.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	440	<LOD	<LOD	<LOD	4186.41	<LOD	638.93	<LOD	274	301.43
Butler 3	Niton XRF	BP11-CU03	ppm	152	152.1	895081.31	<LOD	<LOD	<LOD	<LOD	1317	<LOD	5757.44	<LOD	<LOD	<LOD	181.16	<LOD	<LOD	36856.86	<LOD	<LOD	54971.48	<LOD	1213	<LOD	25	<LOD	<LOD	41	<LOD	44.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	3166.81	<LOD	405.42	<LOD	213	225.35
Butler 3	Niton XRF	BP11-CU03	ppm	153	153.1	911428.63	<LOD	<LOD	<LOD	<LOD	351	<LOD	6395.5	<LOD	<LOD	<LOD	164.22	<LOD	<LOD	43292.41	<LOD	<LOD	34093.42	<LOD	941	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104	<LOD	<LOD	<LOD	2436.93	<LOD	205.78	<LOD	236	128.94
Butler 3	Niton XRF	BP11-CU03	ppm	154	154.1	885959	<LOD	<LOD	<LOD	<LOD	458	<LOD	5058.16	<LOD	<LOD	<LOD	202.31	<LOD	<LOD	44976.55	<LOD	<LOD	57824.95	<LOD	1051	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85	<LOD	<LOD	<LOD	3412.21	<LOD	238.52	<LOD	226	229.52

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP11-CU03	ppm	155	155.1	737884.38	<LOD	<LOD	<LOD	<LOD	490	<LOD	11080.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	142915.77	<LOD	<LOD	41031.88	<LOD	2419	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52.51	<LOD	57651	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5344.72	<LOD	<LOD	<LOD	420	140.56
Butler 3	Niton XRF	BP11-CU03	ppm	156	156.1	923880.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15368.1	<LOD	<LOD	<LOD	116.77	<LOD	<LOD	33061.38	<LOD	<LOD	23545.84	<LOD	1148	<LOD	19	<LOD	<LOD	<LOD	<LOD	20.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	<LOD	<LOD	<LOD	1787.68	<LOD	157.33	<LOD	265	205.76
Butler 3	Niton XRF	BP11-CU03	ppm	157	157.1	898197	<LOD	<LOD	<LOD	<LOD	259	<LOD	26440.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32824.87	<LOD	<LOD	37047.22	<LOD	2513	<LOD	24	<LOD	<LOD	<LOD	<LOD	22.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76	<LOD	<LOD	<LOD	1767.74	<LOD	147.18	<LOD	205	277.78
Butler 3	Niton XRF	BP11-CU03	ppm	158	158.1	922734	<LOD	<LOD	<LOD	<LOD	408	<LOD	13716.51	<LOD	<LOD	<LOD	94.04	<LOD	<LOD	25172.54	<LOD	<LOD	33715.95	<LOD	1011	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	2118.79	<LOD	217.62	<LOD	320	201.69
Butler 3	Niton XRF	BP11-CU03	ppm	159	159.1	946348.44	<LOD	<LOD	<LOD	<LOD	223	<LOD	4508.63	<LOD	<LOD	<LOD	134.31	<LOD	<LOD	20736.82	<LOD	<LOD	25965.88	<LOD	414	<LOD	17	<LOD	<LOD	<LOD	<LOD	11.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	981.21	<LOD	147.44	<LOD	170	148.59
Butler 3	Niton XRF	BP11-CU03	ppm	160	160.1	884132	<LOD	<LOD	<LOD	<LOD	302	<LOD	59557.21	<LOD	<LOD	<LOD	232.55	<LOD	<LOD	22615.32	<LOD	<LOD	26115.95	<LOD	1708	<LOD	30	<LOD	<LOD	60	<LOD	27.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	439	<LOD	<LOD	<LOD	3842.45	<LOD	242.64	<LOD	178	341.57
Butler 3	Niton XRF	BP11-CU03	ppm	161	161.1	924912.75	<LOD	<LOD	<LOD	<LOD	1009	<LOD	5629.76	<LOD	<LOD	<LOD	105.86	<LOD	145	24099.88	<LOD	<LOD	40516.13	<LOD	609	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	1640.85	<LOD	357.16	<LOD	513	260.37
Butler 3	Niton XRF	BP11-CU03	ppm	162	162.1	883573.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88574.2	<LOD	<LOD	14745.64	<LOD	1696	<LOD	22	<LOD	<LOD	<LOD	<LOD	12.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2972.58	<LOD	<LOD	<LOD	218	201.7
Butler 3	Niton XRF	BP11-CU03	ppm	163	163.1	934058.44	<LOD	<LOD	<LOD	<LOD	224	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45516.62	<LOD	<LOD	15707.85	<LOD	700	<LOD	19	<LOD	<LOD	<LOD	<LOD	8.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	1757.48	<LOD	<LOD	<LOD	160	314.96
Butler 3	Niton XRF	BP11-CU03	ppm	164	164.1	933442.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	897.45	<LOD	<LOD	<LOD	128.25	<LOD	<LOD	56785.68	<LOD	<LOD	4690.42	<LOD	1513	24	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1662.1	<LOD	<LOD	<LOD	206	398.31
Butler 3	Niton XRF	BP11-CU03	ppm	165	165.1	899720.31	<LOD	<LOD	<LOD	<LOD	206	<LOD	<LOD	<LOD	<LOD	<LOD	114.59	<LOD	<LOD	75958.8	<LOD	<LOD	18737.66	<LOD	1137	<LOD	22	<LOD	<LOD	<LOD	<LOD	15.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2112.79	<LOD	<LOD	<LOD	167	385.08
Butler 3	Niton XRF	BP11-CU03	ppm	166	166.1	921727.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56033.16	<LOD	<LOD	17786.1	<LOD	548	<LOD	30	<LOD	<LOD	<LOD	<LOD	13.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	1811.45	<LOD	<LOD	<LOD	191	362.14
Butler 3	Niton XRF	BP11-CU03	ppm	167	167.1	919265.63	<LOD	<LOD	<LOD	<LOD	231	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60414.37	<LOD	<LOD	14805.05	<LOD	1767	<LOD	17	<LOD	<LOD	<LOD	<LOD	11.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	1589.35	<LOD	<LOD	<LOD	456	313.4
Butler 3	Niton XRF	BP11-CU03	ppm	168	168.1	906077.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111.92	<LOD	<LOD	71589.01	<LOD	<LOD	16434.27	<LOD	1988	<LOD	20	<LOD	<LOD	<LOD	<LOD	9.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1562.21	<LOD	<LOD	<LOD	93	293.57
Butler 3	Niton XRF	BP11-CU03	ppm	169	169.1	917226.94	<LOD	<LOD	<LOD	<LOD	250	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59896.58	<LOD	<LOD	18464.41	<LOD	906	<LOD	23	<LOD	<LOD	<LOD	<LOD	13.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1749.18	<LOD	<LOD	<LOD	168	340.86
Butler 3	Niton XRF	BP11-CU03	ppm	170	170.1	881478.13	<LOD	<LOD	<LOD	<LOD	199	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91438.52	<LOD	<LOD	20080.06	<LOD	1686	<LOD	31	<LOD	<LOD	<LOD	<LOD	21.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2818.27	<LOD	<LOD	<LOD	412	434.97
Butler 3	Niton XRF	BP11-CU03	ppm	171	171.1	891475.25	<LOD	<LOD	<LOD	<LOD	292	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82099.44	<LOD	<LOD	21079.97	<LOD	575	<LOD	30	<LOD	<LOD	<LOD	<LOD	13.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	2330.48	<LOD	<LOD	<LOD	128	438.14
Butler 3	Niton XRF	BP11-CU03	ppm	172	172.1	923634.19	<LOD	<LOD	<LOD	<LOD	164	<LOD	<LOD	<LOD	<LOD	<LOD	99.83	<LOD	<LOD	55337.16	<LOD	<LOD	16688.85	<LOD	493	<LOD	25	<LOD	<LOD	<LOD	<LOD	9.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1663.44	<LOD	150.4	<LOD	129	358.21
Butler 3	Niton XRF	BP11-CU03	ppm	173	173.1	907519.5	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	<LOD	<LOD	<LOD	103.87	<LOD	<LOD	66022.73	<LOD	<LOD	21759.4	<LOD	736	<LOD	19	<LOD	<LOD	<LOD	<LOD	16.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1630.17	<LOD	<LOD	<LOD	95	269.62
Butler 3	Niton XRF	BP11-CU03	ppm	174	174.1	919164.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62655.53	<LOD	<LOD	13998.8	<LOD	549	<LOD	30	<LOD	<LOD	<LOD	<LOD	14.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1909.76	<LOD	<LOD	<LOD	<LOD	269.23
Butler 3	Niton XRF	BP11-CU03	ppm	175	175.1	907696.31	<LOD	<LOD	<LOD	<LOD	459	<LOD	9707.11	<LOD	<LOD	<LOD	121.51	<LOD	<LOD	54026.49	<LOD	<LOD	24019.39	<LOD	752	<LOD	20	<LOD	<LOD	36	<LOD	23.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128	<LOD	<LOD	<LOD	2175.33	<LOD	211.05	<LOD	237	220.7
Butler 3	Niton XRF	BP11-CU03	ppm	176	176.1	897132.06	<LOD	<LOD	<LOD	<LOD	387	<LOD	15690.58	<LOD	<LOD	<LOD	129.34	<LOD	<LOD	55829.89	<LOD	<LOD	26668.54	<LOD	401	<LOD	21	<LOD	<LOD	37	<LOD	22.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	264	<LOD	<LOD	<LOD	2343.21	<LOD	262.15	<LOD	330	388.57
Butler 3	Niton XRF	BP11-CU03	ppm	177	177.1	913944.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3680.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73548.87	<LOD	<LOD	3191.2	<LOD	3322	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1925.94	<LOD	<LOD	<LOD	73	84.96
Butler 3	Niton XRF	BP11-CU03	ppm	178	178.1	876069.44	<LOD	<LOD	<LOD	<LOD	325	<LOD	28473.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74617.86	<LOD	<LOD	14400.81	<LOD	1121	<LOD	18	<LOD	<LOD	<LOD	<LOD	16.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	343	<LOD	<LOD	<LOD	3853.95	<LOD	<LOD	<LOD	180	222.48
Butler 3	Niton XRF	BP11-CU03	ppm	179	179.1	904375.31	<LOD	<LOD	<LOD	<LOD	261	<LOD	24946.13	<LOD	<LOD	<LOD	133.02	<LOD	<LOD	46970.66	<LOD	<LOD	18962.34	<LOD	548	<LOD	<LOD	<LOD	<LOD	36	<LOD	14.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	542	<LOD	<LOD	<LOD	2319.42	<LOD	227.54	<LOD	288	162.6
Butler 3	Niton XRF	BP11-CU03	ppm	180	180.1	928096.75	<LOD	<LOD	<LOD	<LOD	583	<LOD	12300.36	<LOD	<LOD	<LOD	100.7	<LOD	<LOD	37695.11	<LOD	<LOD	17671.28	<LOD	537	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	183	<LOD	<LOD	<LOD	2033.99	<LOD	145.91	<LOD	166	180.06
Butler 3	Niton XRF	BP11-CU03	ppm	181	181.1	849122	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7078.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134058.92	<LOD	<LOD	3012.31	<LOD	2263	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3549.39	<LOD	<LOD	<LOD	112	203.59
Butler 3	Niton XRF	BP11-CU03	ppm	182	182.1	871330.75	<LOD	<LOD	<LOD	<LOD	266	<LOD	18012.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89804.26	<LOD	<LOD	14036.81	<LOD	1965	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	<LOD	3400.6	<LOD	<LOD	<LOD	215	189.69
Butler 3	Niton XRF	BP11-CU03	ppm	183	183.1	870872.63	<LOD	<LOD	<LOD	<LOD	220	<LOD	17959.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87843.8	<LOD	<LOD	16749.18	<LOD	1008	<LOD	20	<LOD	<LOD	<LOD	<LOD	17.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	353	<LOD	<LOD	<LOD	4041.88	<LOD	<LOD	<LOD	149	208.47
Butler 3	Niton XRF	BP11-CU03	ppm	184	184.1	942820.69	<LOD	<LOD	<LOD	<LOD	223	<LOD	9650.95	<LOD	<LOD	<LOD	117.29	<LOD	<LOD	34819.01	<LOD	<LOD	9275.05	<LOD	399	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	190	<LOD	<LOD	<LOD	1572.98	<LOD	125.9	<LOD	416	103.53
Butler 3	Niton XRF	BP11-CU03	ppm	185	185.1	830302.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5201.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112485.4	<LOD	<LOD	4443.5	<LOD	1615	<LOD	27	<LOD	<LOD	<LOD	<LOD	7.76	<LOD	38363	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	5971.96	<LOD	<LOD	<LOD	531	318.6
Butler 3	Niton XRF	BP11-CU03	ppm	186	186.1	799948.13	<LOD	<LOD	<LOD	<LOD	556	<LOD	6707.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	155661.61	<LOD	<LOD	18893.59	<LOD	2658	<LOD	28	<LOD	<LOD	<LOD	<LOD	16.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125	<LOD	<LOD	<LOD	4339.13	<LOD	<LOD	<LOD	421	398.88
Butler 3	Niton XRF	BP11-CU03	ppm	187	187.1	896796.94	<LOD	<LOD	<LOD	<LOD	345	<LOD	17065.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65352.84	<LOD	<LOD	15407.42	<LOD	657	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	362	<LOD	<LOD	<LOD	3102.29	<LOD	223.58	<LOD	101	230.01
Butler 3	Niton XRF	BP11-CU03	ppm	188	188.1	891661.69	<LOD	<LOD	<LOD	<LOD	229	<LOD	2329.19	<LOD	<LOD	<LOD	138.12	<LOD	<LOD	93551.07	<LOD	<LOD	4090.65	<LOD	1321	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1523.28	<LOD	<LOD	<LOD	156	141.66
Butler 3	Niton XRF	BP11-CU03	ppm	189	189.1	901481.13	<LOD	<LOD	<LOD	<LOD	305	<LOD	17361.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67663.23	<LOD	<LOD	8418.1	<LOD	937	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	513	<LOD	<LOD	<LOD	2244.1	<LOD	<LOD	<LOD	419	181
Butler 3	Niton XRF	BP11-CU03	ppm	190	190.1	949844.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3243.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35335.12	<LOD	<LOD	7007.54	<LOD	659	<LOD	32	<LOD	<LOD	<LOD	<LOD	4.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2914.41	<LOD	<LOD	<LOD	107	336.9
Butler 3	Niton XRF	BP11-CU03	ppm	191	191.1	907267.94	<LOD	<LOD	<LOD	<LOD	673	<LOD	11327.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54269.96	<LOD	<LOD	21131.5	<LOD	664	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	239	<LOD	<LOD	<LOD	3296.45	<LOD	273.19	<LOD	127	252.39
Butler 3	Niton XRF	BP11-CU03	ppm	192	192.1	899509.13	<LOD	<LOD	<LOD	<LOD	581	<LOD	12433.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61787.5	<LOD	<LOD	20342.11	<LOD	664	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	<LOD	<LOD	3335.12	<LOD	255.41	<LOD	91	237.3
Butler 3	Niton XRF	BP11-CU03	ppm	193	193.1	902818.13	<LOD	<LOD	<LOD	<LOD	187	<LOD	15543.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69952.93	<LOD	<LOD	5210.61	<LOD	1942	<LOD	21	<LOD	<LOD	<LOD	<LOD	5.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	620	<LOD	<LOD	<LOD	2678.72	<LOD	<LOD	<LOD	105	298.91
Butler 3	Niton XRF	BP11-CU03	ppm	194	194.1	967682.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1933.56	<LOD	<LOD	<LOD	72.73	<LOD	<LOD	24702.13	<LOD	<LOD	2871.28	<LOD	626	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1634.09	<LOD	<LOD	<LOD	<LOD	189.84
Butler 3	Niton XRF	BP11-CU03	ppm	195	195.1	892991.81	<LOD	<LOD	<LOD	<LOD	353	<LOD	14611.74	<LOD	<LOD	<LOD	117.61	<LOD	<LOD	69553.03	<LOD	<LOD	18346.35	<LOD	855	<LOD	17	<LOD	<LOD	<LOD	<LOD	18.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	454	<LOD	<LOD	<LOD	1689.41	<LOD	<LOD	<LOD	103	318.65
Butler 3	Niton XRF	BP11-CU03	ppm	196	196.1	874661.19	<LOD	<LOD	<LOD	<LOD	428	<LOD	10120.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84742.94	<LOD	<LOD	25087.22	<LOD	1113	<LOD	23	<LOD	<LOD	<LOD	<LOD	25.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	279	<LOD	<LOD	<LOD	2894.41	<LOD	<LOD	<LOD	162	208.05
Butler 3	Niton XRF	BP11-CU03	ppm	197	197.1	917182	<LOD	<LOD	<LOD	<LOD	247	<LOD	17830.84	<LOD	<LOD	<LOD	86.04	<LOD	<LOD	43083.58	<LOD	<LOD	17353.14	<LOD	<LOD	<LOD	21	<LOD	<LOD	35	<LOD	17.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	466	<LOD	<LOD	<LOD	2712.69	<LOD	212.94	<LOD	74	211.32
Butler 3	Niton XRF	BP11-CU03	ppm	198	198.1	880430.44	<LOD	<LOD	<LOD	<LOD	271	<LOD	15746.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79004.14	<LOD	<LOD	18604.98	<LOD	1027	<LOD	24	<LOD	<LOD	<LOD	<LOD	20.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	478	<LOD	<LOD	<LOD	3712.4	<LOD	<LOD	<LOD	137	305.86
Butler 3	Niton XRF	BP11-CU03	ppm	199	199.1	868547.81	<LOD	<LOD	<LOD	<LOD	398	<LOD	19433.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83418.09	<LOD	<LOD	22174.13	<LOD	916	<LOD	24	<LOD	<LOD	<LOD	<LOD	25.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	592	<LOD	<LOD	<LOD	3405.25	<LOD	280.89	<LOD	146	281.09
Butler 3	Niton XRF	BP11-CU03	ppm	200	200.1	882705.56	<LOD	<LOD	<LOD	<LOD	505	<LOD	6620.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85711.55	<LOD	<LOD	17068.29	<LOD	1275	<LOD	26	<LOD	<LOD	<LOD	<LOD	14.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96	<LOD	<LOD	<LOD	5042.84	<LOD	<LOD	<LOD	150	371.71
Butler 3	Niton XRF	BP11-CU03	ppm	201	201.1	884030.63	<LOD	<LOD	<LOD	<LOD	817	<LOD	11989.78	<LOD	<LOD	<LOD	177.45	<LOD	<LOD	62706.83	<LOD	<LOD	32566.08	<LOD	1150	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116	<LOD	<LOD	<LOD	4760.58	<LOD	373.02	<LOD	726	165.22
Butler 3	Niton XRF	BP11-CU03	ppm	202	202.1	885250.75	<LOD	<LOD	<LOD	<LOD	255	<LOD	12931.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59929.72	<LOD	<LOD	34813.8	<LOD	1324	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	190	<LOD	<LOD	<LOD	4216.31	<LOD	<LOD	<LOD	340	173.65
Butler 3	Niton XRF	BP11-CU03	ppm	203	203.1	837013.19	<LOD	<LOD	<LOD	<LOD	350	<LOD	10098.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109694.2	<LOD	<LOD	28214.17	<LOD	9467	<LOD	20	<LOD	<LOD	<LOD	<LOD	27.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	4063.81	<LOD	<LOD	<LOD	353	197.71
Butler 3	Niton XRF	BP11-CU03	ppm	204	204.1	942499.06	<LOD	<LOD	<LOD	<LOD	242	<LOD	2324.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34386.91	<LOD	<LOD	17292.87	<LOD	<LOD	<LOD	21	<LOD	<LOD	54	<LOD	23.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105	<LOD	<LOD	<LOD	1696.36	<LOD	158.67	<LOD	406	310.06
Butler 3	Niton XRF	BP11-CU03	ppm	205	205.1	886152.88	<LOD	<LOD	<LOD	<LOD	575	<LOD	20361.16	<LOD	<LOD	<LOD	132.72	<LOD	<LOD	59355.88	<LOD	<LOD	26716.27	<LOD	1261	<LOD	30	<LOD	<LOD	103	<LOD	34.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	512	<LOD	<LOD	<LOD	3700.57	<LOD	240.69	<LOD	344	362.71
Butler 3	Niton XRF	BP11-CU03	ppm	206	206.1	911404.94	<LOD	<LOD	<LOD	<LOD	305	<LOD	11710.85	<LOD	<LOD	<LOD	103.67	<LOD	<LOD	56088.21	<LOD	<LOD	15692.26	<LOD	801	<LOD	17	<LOD	<LOD	43	<LOD	19.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	338	<LOD	<LOD	<LOD	2809.89	<LOD	204.28	<LOD	170	221.52
Butler 3	Niton XRF	BP11-CU03	ppm	207	207.1	874430	<LOD	<LOD	<LOD	<LOD	468	<LOD	12235.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72631.67	<LOD	<LOD	34082.03	<LOD	1965	<LOD	21	<LOD	<LOD	<LOD	<LOD	44.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	201	<LOD	<LOD	<LOD	2956.74	<LOD	<LOD	<LOD	181	285.37
Butler 3	Niton XRF	BP11-CU03	ppm	208	208.1	886698.75	<LOD	<LOD	<LOD	<LOD	496	<LOD	35104.39	<LOD	<LOD	<LOD	123.18	<LOD	<LOD	50594.27	<LOD	<LOD	18626.37	<LOD	654	<LOD	23	<LOD	<LOD	43	<LOD	27.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	841	<LOD	<LOD	<LOD	5769.26	<LOD	<LOD	<LOD	251	246.57
Butler 3	Niton XRF	BP11-CU03	ppm	209	209.1	927371.88	<LOD	<LOD	<LOD	<LOD	296	<LOD	11661.09	<LOD	<LOD	<LOD	96.15	<LOD	<LOD	36584.88	<LOD	<LOD	20176.14	<LOD	934	<LOD	24	<LOD	<LOD	<LOD	<LOD	27.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	348	<LOD	<LOD	<LOD	1733	<LOD	174.26	<LOD	116	313.62
Butler 3	Niton XRF	BP11-CU03	ppm	210	210.1	896485	<LOD	<LOD	<LOD	<LOD	492	<LOD	13661.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53692.09	<LOD	<LOD	31143.88	<LOD	1313	<LOD	21	<LOD	<LOD	<LOD	<LOD	35.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	281	<LOD	<LOD	<LOD	1813.4	<LOD	<LOD	<LOD	275	328.4
Butler 3	Niton XRF	BP11-CU03	ppm	211	211.1	879802.56	<LOD	<LOD	<LOD	<LOD	595	<LOD	11162.99	<LOD	<LOD	<LOD	120.48	<LOD	<LOD	62974.4	<LOD	<LOD	39627.55	<LOD	1790	<LOD	42	<LOD	<LOD	<LOD	<LOD	42.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	361	<LOD	<LOD	<LOD	2520.82	<LOD	<LOD	<LOD	367	387.1
Butler 3	Niton XRF	BP11-CU03	ppm	212	212.1	899359.13	<LOD	<LOD	<LOD	<LOD	515	<LOD	8457.52	<LOD	<LOD	<LOD	112.77	<LOD	<LOD	48358.75	<LOD	<LOD	38722.04	<LOD	961	<LOD	23	<LOD	<LOD	43	<LOD	39.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	489	<LOD	<LOD	<LOD	2053.15	<LOD	148.94	<LOD	264	348.32
Butler 3	Niton XRF	BP11-CU03	ppm	213	213.1	933905.31	<LOD	<LOD	<LOD	<LOD	242	<LOD	10556.74	<LOD	<LOD	<LOD	86.53	<LOD	<LOD	27813.93	<LOD	<LOD	24236.98	<LOD	559	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	548	<LOD	<LOD	<LOD	1334.82	<LOD	107.43	<LOD	112	278.53
Butler 3	Niton XRF	BP11-CU03	ppm	214	214.1	969016.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3369.32	16	<LOD	<LOD	105.3	<LOD	<LOD	11179.52	<LOD	<LOD	12102.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	626	<LOD	8.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	941.74	<LOD	92.89	<LOD	1967	83.96
Butler 3	Niton XRF	BP11-CU03	ppm	215	215.1	887194.69	<LOD	<LOD	<LOD	<LOD	449	<LOD	7752.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58166.2	<LOD	<LOD	41432.37	<LOD	1007	<LOD	22	<LOD	<LOD	<LOD	<LOD	38.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	287	<LOD	<LOD	<LOD	2620.55	<LOD	193.68	<LOD	296	322.65
Butler 3	Niton XRF	BP11-CU03	ppm	216	216.1	906053.19	<LOD	<LOD	<LOD	<LOD	483	<LOD	10358.06	<LOD	<LOD	<LOD	106.11	<LOD	<LOD	43814	<LOD	<LOD	35152.21	<LOD	543	<LOD	34	<LOD	<LOD	<LOD	<LOD	34.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	345	<LOD	<LOD	<LOD	2054.8	<LOD	233.31	<LOD	282	339.46
Butler 3	Niton XRF	BP11-CU03	ppm	217	217.1	923732.5	<LOD	<LOD	<LOD	<LOD	453	<LOD	13476.02	<LOD	<LOD	<LOD	88.61	<LOD	<LOD	34050.31	<LOD	<LOD	25200.62	<LOD	360	<LOD	26	<LOD	<LOD	<LOD	<LOD	33.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	383	<LOD	<LOD	<LOD	1249.7	<LOD	174.01	<LOD	111	358.58
Butler 3	Niton XRF	BP11-CU03	ppm	218	218.1	946595.25	<LOD	<LOD	<LOD	<LOD	258	<LOD	17861	<LOD	<LOD	<LOD	91.86	<LOD	<LOD	22013.13	<LOD	<LOD	9629.2	<LOD	1058	<LOD	20	<LOD	<LOD	32	<LOD	23.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	510	<LOD	<LOD	<LOD	1350.38	<LOD	118.97	<LOD	102	216.01
Butler 3	Niton XRF	BP11-CU03	ppm	219	219.1	932837.06	<LOD	<LOD	<LOD	<LOD	456	<LOD	7019.81	<LOD	<LOD	<LOD	98.86	<LOD	<LOD	28320.55	<LOD	<LOD	27920.88	<LOD	1038	<LOD	25	<LOD	<LOD	<LOD	<LOD	27.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	437	<LOD	<LOD	<LOD	1299.19	<LOD	155.09	<LOD	79	228.74
Butler 3	Niton XRF	BP11-CU03	ppm	220	220.1	824507.63	<LOD	<LOD	<LOD	<LOD	668	<LOD	6242.6	<LOD	<LOD	<LOD	<LOD	<LOD	164	108876.81	<LOD	<LOD	40669.88	<LOD	1480	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	2315.82	<LOD	<LOD	<LOD	198	262.88
Butler 3	Niton XRF	BP11-CU03	ppm	221	221.1	849308.25	<LOD	<LOD	<LOD	<LOD	688	<LOD	5558.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95931.41	<LOD	<LOD	42177.91	<LOD	2294	<LOD	22	<LOD	<LOD	<LOD	<LOD	45.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	330	<LOD	<LOD	<LOD	2736.48	<LOD	<LOD	<LOD	194	317.79
Butler 3	Niton XRF	BP11-CU03	ppm	222	222.1	873658.13	<LOD	<LOD	<LOD	<LOD	793	<LOD	12212.2	<LOD	<LOD	<LOD	177.47	<LOD	<LOD	67052.24	<LOD	<LOD	38914.54	<LOD	1200	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	773	<LOD	<LOD	<LOD	3540.28	<LOD	243.78	<LOD	694	157.71
Butler 3	Niton XRF	BP11-CU03	ppm	223	223.1	887600.13	<LOD	<LOD	<LOD	<LOD	305	<LOD	16189.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60366.21	<LOD	<LOD	30666.01	<LOD	1259	<LOD	29	<LOD	<LOD	35	<LOD	42.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	787	<LOD	<LOD	<LOD	2041.75	<LOD	<LOD	<LOD	152	273.66
Butler 3	Niton XRF	BP11-CU03	ppm	224	224.1	945310.56	<LOD	<LOD	<LOD	<LOD	281	<LOD	8373.59	<LOD	<LOD	<LOD	109.47	<LOD	<LOD	24689.03	<LOD	<LOD	18568.11	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	22.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	411	<LOD	<LOD	<LOD	1313.07	<LOD	127.29	<LOD	<LOD	341.47
Butler 3	Niton XRF	BP11-CU03	ppm	225	225.1	934052	<LOD	<LOD	<LOD	<LOD	172	<LOD	6414.04	<LOD	<LOD	<LOD	106.16	<LOD	<LOD	39986.88	<LOD	<LOD	16178.78	<LOD	459	<LOD	22	<LOD	<LOD	<LOD	<LOD	23.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	715	<LOD	<LOD	<LOD	1220.82	<LOD	<LOD	<LOD	<LOD	325.25
Butler 3	Niton XRF	BP11-CU03	ppm	226	226.1	926602.31	<LOD	<LOD	<LOD	<LOD	231	<LOD	11099.33	<LOD	<LOD	<LOD	82.6	<LOD	<LOD	34185.84	<LOD	<LOD	24571.6	<LOD	629	<LOD	23	<LOD	<LOD	<LOD	<LOD	15.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	530	<LOD	<LOD	<LOD	1351.02	<LOD	162.83	<LOD	<LOD	333.03
Butler 3	Niton XRF	BP11-CU03	ppm	227	227.1	920808.63	<LOD	<LOD	<LOD	<LOD	468	<LOD	10378.29	<LOD	<LOD	<LOD	130.26	<LOD	<LOD	44002.48	<LOD	<LOD	19724.76	<LOD	812	<LOD	25	<LOD	<LOD	34	<LOD	23.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	512	<LOD	<LOD	<LOD	2206.54	<LOD	146.86	<LOD	108	310.16
Butler 3	Niton XRF	BP11-CU03	ppm	228	228.1	894265.5	<LOD	<LOD	<LOD	<LOD	699	<LOD	6480.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60260.02	<LOD	<LOD	33973.48	<LOD	1011	<LOD	22	<LOD	<LOD	<LOD	<LOD	39.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD	<LOD	<LOD	2103.92	<LOD	234.18	<LOD	187	290.51
Butler 3	Niton XRF	BP11-CU03	ppm	229	229.1	951860.56	<LOD	<LOD	<LOD	<LOD	446	<LOD	10148.59	<LOD	<LOD	<LOD	105.81	<LOD	<LOD	22164.25	<LOD	<LOD	11505.46	<LOD	1110	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	488	<LOD	<LOD	<LOD	1686.02	<LOD	143.56	<LOD	<LOD	238.58
Butler 3	Niton XRF	BP11-CU03	ppm	230	230.1	896246.06	<LOD	<LOD	<LOD	<LOD	437	<LOD	8771.88	<LOD	<LOD	<LOD	104.53	<LOD	<LOD	71724.68	<LOD	<LOD	18664.37	<LOD	1037	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	508	<LOD	<LOD	<LOD	1751.23	<LOD	157.65	<LOD	148	237.62
Butler 3	Niton XRF	BP11-CU03	ppm	231	231.1	861448.69	<LOD	<LOD	<LOD	<LOD	424	<LOD	18279.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77762.88	<LOD	<LOD	28108.29	<LOD	1426	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	312	<LOD	<LOD	<LOD	1714.44	<LOD	<LOD	<LOD	677	246.74
Butler 3	Niton XRF	BP11-CU03	ppm	232	232.1	907155.13	<LOD	<LOD	<LOD	<LOD	368	<LOD	10776.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51770.34	<LOD	<LOD	25304.46	<LOD	1258	<LOD	22	<LOD	<LOD	<LOD	<LOD	30.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	457	<LOD	<LOD	<LOD	2046.9	<LOD	169.31	<LOD	173	287.37
Butler 3	Niton XRF	BP11-CU03	ppm	233	233.1	917076.81	<LOD	<LOD	<LOD	<LOD	264	<LOD	4768.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53453.53	<LOD	<LOD	19207	<LOD	2254	<LOD	24	<LOD	<LOD	<LOD	<LOD	26.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	350	<LOD	<LOD	<LOD	1909.21	<LOD	<LOD	<LOD	91	293.92
Butler 3	Niton XRF	BP11-CU03	ppm	234	234.1	866944.13	<LOD	<LOD	<LOD	<LOD	779	<LOD	21542.36	<LOD	<LOD	<LOD	125.69	<LOD	<LOD	66692.3	<LOD	<LOD	37117.12	<LOD	1837	<LOD	23	<LOD	<LOD	<LOD	<LOD	47.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	570	<LOD	<LOD	<LOD	3268.19	<LOD	254.02	<LOD	237	413.07
Butler 3	Niton XRF	BP11-CU03	ppm	235	235.1	899048.25	<LOD	<LOD	<LOD	<LOD	614	<LOD	13427.66	<LOD	<LOD	<LOD	98.33	<LOD	<LOD	50202.3	<LOD	<LOD	30915.09	<LOD	1282	24	23	<LOD	<LOD	<LOD	<LOD	38.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	533	<LOD	<LOD	<LOD	2900.32	<LOD	243.19	<LOD	177	347
Butler 3	Niton XRF	BP11-CU03	ppm	236	236.1	905300	<LOD	<LOD	<LOD	<LOD	593	<LOD	13946.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49730.41	<LOD	<LOD	25176.55	<LOD	1233	<LOD	22	<LOD	<LOD	<LOD	<LOD	36.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	488	<LOD	<LOD	<LOD	2542.13	<LOD	234.52	<LOD	158	326.42
Butler 3	Niton XRF	BP11-CU03	ppm	237	237.1	939783.5	<LOD	<LOD	<LOD	<LOD	369	<LOD	12142.3	<LOD	<LOD	<LOD	108.04	<LOD	<LOD	30609.8	<LOD	<LOD	13727	<LOD	671	<LOD	16	<LOD	<LOD	<LOD	<LOD	18.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	389	<LOD	<LOD	<LOD	1655.84	<LOD	<LOD	<LOD	130	236.38
Butler 3	Niton XRF	BP11-CU03	ppm	238	238.1	907221.5	<LOD	<LOD	<LOD	<LOD	856	<LOD	7667.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55423.14	<LOD	<LOD	24692.25	<LOD	768	<LOD	28	<LOD	<LOD	<LOD	<LOD	29.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	405	<LOD	<LOD	<LOD	2219.48	<LOD	195.69	<LOD	75	261.1
Butler 3	Niton XRF	BP11-CU03	ppm	239	239.1	913979.81	<LOD	<LOD	<LOD	<LOD	390	<LOD	10659.01	<LOD	<LOD	<LOD	99.25	<LOD	<LOD	45371.35	<LOD	<LOD	24707.86	<LOD	1129	<LOD	17	<LOD	<LOD	<LOD	<LOD	33.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	456	<LOD	<LOD	<LOD	2376.88	<LOD	174.14	<LOD	164	315.71
Butler 3	Niton XRF	BP11-CU03	ppm	240	240.1	905441.38	<LOD	<LOD	<LOD	<LOD	376	<LOD	11898.9	<LOD	<LOD	<LOD	119.62	<LOD	<LOD	54043.83	<LOD	<LOD	23925.48	<LOD	814	<LOD	20	<LOD	<LOD	<LOD	<LOD	27.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	407	<LOD	<LOD	<LOD	2244.83	<LOD	<LOD	<LOD	179	313.74
Butler 3	Niton XRF	BP11-CU03	ppm	241	241.1	929593.5	<LOD	<LOD	<LOD	<LOD	307	<LOD	9583.93	<LOD	<LOD	<LOD	99.87	<LOD	<LOD	36619.25	<LOD	<LOD	19932.11	<LOD	827	<LOD	24	<LOD	<LOD	<LOD	<LOD	29.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	325	<LOD	<LOD	<LOD	1789.49	<LOD	203.94	<LOD	172	247.51
Butler 3	Niton XRF	BP11-CU03	ppm	242	242.1	955647.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10478.45	<LOD	<LOD	<LOD	86.86	<LOD	<LOD	20437.06	<LOD	<LOD	11075.5	<LOD	511	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	276	<LOD	<LOD	<LOD	999.54	<LOD	103.73	<LOD	94	159.97
Butler 3	Niton XRF	BP11-CU03	ppm	243	243.1	901779.25	<LOD	<LOD	<LOD	<LOD	350	<LOD	14071.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52417.95	<LOD	<LOD	26624.39	<LOD	914	<LOD	24	<LOD	<LOD	48	<LOD	47.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	316	<LOD	<LOD	<LOD	2116.57	<LOD	155.19	<LOD	468	324.67
Butler 3	Niton XRF	BP11-CU03	ppm	244	244.1	940153.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8115.26	<LOD	<LOD	<LOD	104.98	<LOD	<LOD	33936.93	<LOD	<LOD	14757.44	<LOD	592	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	324	<LOD	<LOD	<LOD	1098.89	<LOD	146.54	<LOD	91	200.33
Butler 3	Niton XRF	BP11-CU03	ppm	245	245.1	922354.75	<LOD	<LOD	<LOD	<LOD	379	<LOD	12503.04	<LOD	<LOD	<LOD	139.93	<LOD	<LOD	45142.85	<LOD	<LOD	15162.09	<LOD	1185	<LOD	22	<LOD	<LOD	36	<LOD	28.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	382	<LOD	<LOD	<LOD	1801.07	<LOD	138.89	<LOD	314	294.42
Butler 3	Niton XRF	BP11-CU03	ppm	246	246.1	898274.44	<LOD	<LOD	<LOD	<LOD	379	<LOD	2617.86	<LOD	<LOD	<LOD	110.79	<LOD	<LOD	65513.54	<LOD	<LOD	29264.11	<LOD	957	<LOD	19	<LOD	<LOD	<LOD	<LOD	37.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130	<LOD	<LOD	<LOD	1923.94	<LOD	202.99	<LOD	178	283.15
Butler 3	Niton XRF	BP11-CU03	ppm	247	247.1	930977.19	<LOD	<LOD	<LOD	<LOD	389	<LOD	7659.1	<LOD	<LOD	<LOD	98.48	<LOD	<LOD	31260.56	<LOD	<LOD	26559.24	<LOD	759	<LOD	28	<LOD	<LOD	<LOD	<LOD	25.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	347	<LOD	<LOD	<LOD	1214.06	<LOD	166.35	<LOD	92	341.95
Butler 3	Niton XRF	BP11-CU03	ppm	248	248.1	921408.94	<LOD	<LOD	<LOD	<LOD	397	<LOD	5779.7	<LOD	<LOD	<LOD	114.16	<LOD	<LOD	35608.82	<LOD	<LOD	33581.13	<LOD	564	<LOD	24	<LOD	<LOD	<LOD	<LOD	25.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	189	<LOD	<LOD	<LOD	1401.2	<LOD	258.03	<LOD	57	363.46
Butler 3	Niton XRF	BP11-CU03	ppm	249	249.1	908552.19	<LOD	<LOD	<LOD	<LOD	388	<LOD	9172.11	<LOD	<LOD	<LOD	109.47	<LOD	<LOD	45540.73	<LOD	<LOD	31770.96	<LOD	1071	<LOD	17	<LOD	<LOD	<LOD	<LOD	31.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	387	<LOD	<LOD	<LOD	2105.77	<LOD	153.74	<LOD	134	335.66
Butler 3	Niton XRF	BP11-CU03	ppm	250	250.1	839020.75	<LOD	<LOD	<LOD	<LOD	525	<LOD	25590.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94617.24	<LOD	<LOD	33272.77	<LOD	935	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	331	<LOD	<LOD	<LOD	4555.91	<LOD	502.08	<LOD	176	163.66
Butler 3	Niton XRF	BP11-CU03	ppm	251	251.1	856450.19	<LOD	<LOD	<LOD	<LOD	471	<LOD	28044.96	<LOD	<LOD	<LOD	141.25	<LOD	<LOD	77859.39	<LOD	<LOD	29774.46	<LOD	1075	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	809	<LOD	<LOD	<LOD	4549.19	<LOD	<LOD	<LOD	179	210.77
Butler 3	Niton XRF	BP11-CU03	ppm	252	252.1	888425.75	<LOD	<LOD	<LOD	<LOD	288	<LOD	30086.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61697.81	<LOD	<LOD	12532.37	<LOD	982	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	951	<LOD	<LOD	<LOD	4031.39	<LOD	285.52	<LOD	149	250.27
Butler 3	Niton XRF	BP11-CU03	ppm	253	253.1	881603.19	<LOD	<LOD	<LOD	<LOD	392	<LOD	25353.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67005.05	<LOD	<LOD	18492.31	<LOD	727	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	902	<LOD	<LOD	<LOD	4426.04	<LOD	279.89	<LOD	77	261.23
Butler 3	Niton XRF	BP11-CU03	ppm	254	254.1	883413.44	<LOD	<LOD	<LOD	<LOD	358	<LOD	27375.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62622.05	<LOD	<LOD	19728.73	<LOD	565	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	943	<LOD	<LOD	<LOD	3752.62	<LOD	271.5	<LOD	111	271.52

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP11-CU03	ppm	255	255.1	856557.31	<LOD	<LOD	<LOD	<LOD	225	<LOD	55155.78	<LOD	<LOD	<LOD	<LOD	<LOD	125	70055.48	<LOD	<LOD	10168.47	<LOD	1336	<LOD	23	<LOD	<LOD	<LOD	<LOD	11.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	892	<LOD	<LOD	<LOD	4627.85	<LOD	<LOD	<LOD	122	257.04
Butler 3	Niton XRF	BP11-CU03	ppm	256	256.1	809276.44	<LOD	<LOD	<LOD	<LOD	329	<LOD	64225	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102206.59	<LOD	<LOD	14717.07	<LOD	1721	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	644	<LOD	<LOD	<LOD	5932.66	<LOD	421.06	<LOD	141	161.8
Butler 3	Niton XRF	BP11-CU03	ppm	257	257.1	825737.38	<LOD	<LOD	<LOD	<LOD	428	<LOD	26604.16	<LOD	<LOD	<LOD	168.31	<LOD	<LOD	104594.51	<LOD	<LOD	33134.89	<LOD	1033	<LOD	19	<LOD	<LOD	<LOD	<LOD	29.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	675	<LOD	<LOD	<LOD	6410.99	<LOD	500.19	<LOD	155	173.08
Butler 3	Niton XRF	BP11-CU03	ppm	258	258.1	815451.44	<LOD	<LOD	<LOD	<LOD	507	<LOD	35094.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111413.44	<LOD	<LOD	28443.83	<LOD	802	<LOD	29	<LOD	<LOD	<LOD	<LOD	27.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	657	<LOD	<LOD	<LOD	6005.68	<LOD	593.03	<LOD	147	210.67
Butler 3	Niton XRF	BP11-CU03	ppm	259	259.1	824809.63	<LOD	<LOD	<LOD	<LOD	188	<LOD	78062.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71601.91	<LOD	<LOD	17223.5	<LOD	1177	<LOD	22	<LOD	<LOD	<LOD	<LOD	18.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	753	<LOD	<LOD	<LOD	5323.88	<LOD	359.27	<LOD	114	158.47
Butler 3	Niton XRF	BP11-CU03	ppm	260	260.1	792767.94	<LOD	<LOD	<LOD	<LOD	481	<LOD	74154.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93239.42	<LOD	<LOD	29302.74	<LOD	1332	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	710	<LOD	<LOD	<LOD	6885.14	<LOD	483.98	<LOD	128	122.78
Butler 3	Niton XRF	BP11-CU03	ppm	261	261.1	877513.5	<LOD	<LOD	<LOD	<LOD	692	<LOD	4570.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77735.47	<LOD	<LOD	35432.35	<LOD	895	<LOD	24	<LOD	<LOD	<LOD	<LOD	33.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120	<LOD	<LOD	<LOD	2101.92	<LOD	<LOD	<LOD	258	251.52
Butler 3	Niton XRF	BP11-CU03	ppm	262	262.1	843551.88	<LOD	<LOD	<LOD	<LOD	378	<LOD	43201.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76214.53	<LOD	<LOD	27374.18	<LOD	1553	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	735	<LOD	<LOD	<LOD	5876.05	<LOD	422.49	<LOD	148	152.85
Butler 3	Niton XRF	BP11-CU03	ppm	263	263.1	888356.13	<LOD	<LOD	<LOD	<LOD	504	<LOD	14711.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59283.57	<LOD	<LOD	30498.89	<LOD	656	<LOD	20	<LOD	<LOD	<LOD	<LOD	25.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	571	<LOD	<LOD	<LOD	4260.15	<LOD	321	<LOD	186	279.49
Butler 3	Niton XRF	BP11-CU03	ppm	264	264.1	855533.06	<LOD	<LOD	<LOD	<LOD	401	<LOD	22270.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83660.88	<LOD	<LOD	30884.42	<LOD	827	<LOD	20	<LOD	<LOD	<LOD	<LOD	34.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	608	<LOD	<LOD	<LOD	4637.74	<LOD	298.46	<LOD	150	250.02
Butler 3	Niton XRF	BP11-CU03	ppm	265	265.1	868726.38	<LOD	<LOD	<LOD	<LOD	304	<LOD	34302.76	<LOD	<LOD	<LOD	123.41	<LOD	<LOD	67453.59	<LOD	<LOD	21731.07	<LOD	1199	<LOD	22	<LOD	<LOD	<LOD	<LOD	25.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	813	<LOD	<LOD	<LOD	4409.46	<LOD	454.15	<LOD	132	223.25
Butler 3	Niton XRF	BP11-CU03	ppm	266	266.1	808117.88	<LOD	<LOD	<LOD	<LOD	378	<LOD	4385.12	<LOD	<LOD	<LOD	<LOD	<LOD	2195	99651.49	<LOD	<LOD	26870.06	<LOD	663	<LOD	35	<LOD	<LOD	48	<LOD	18.67	<LOD	54470	<LOD	<LOD	<LOD	<LOD	<LOD	138	<LOD	<LOD	<LOD	2024.81	<LOD	207.77	<LOD	219	320.99
Butler 3	Niton XRF	BP11-CU03	ppm	267	267.1	905125.13	<LOD	<LOD	<LOD	<LOD	386	<LOD	10643.99	<LOD	<LOD	<LOD	104.48	<LOD	221	48483.61	<LOD	<LOD	10773.3	<LOD	727	<LOD	16	<LOD	<LOD	<LOD	<LOD	8.98	<LOD	21062	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	1683.36	<LOD	183.54	<LOD	177	207.09
Butler 3	Niton XRF	BP11-CU03	ppm	268	268.1	926929.06	<LOD	<LOD	<LOD	<LOD	246	<LOD	5487.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47841.72	<LOD	<LOD	6931.85	<LOD	1949	<LOD	19	<LOD	<LOD	61	<LOD	7.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2209.52	<LOD	178.6	<LOD	7302	287.69
Butler 3	Niton XRF	BP11-CU03	ppm	269	269.1	888563.13	<LOD	<LOD	<LOD	<LOD	342	<LOD	44947.97	<LOD	<LOD	<LOD	99.39	<LOD	<LOD	39800.84	<LOD	<LOD	22799.39	<LOD	1009	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1739.42	<LOD	144.6	<LOD	104	248.93
Butler 3	Niton XRF	BP11-CU03	ppm	270	270.1	849938.88	<LOD	<LOD	<LOD	<LOD	466	<LOD	7623.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77529.95	<LOD	<LOD	20245.05	<LOD	29572	<LOD	23	<LOD	<LOD	39	<LOD	24.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	2011.69	<LOD	<LOD	<LOD	109	313.04
Butler 3	Niton XRF	BP11-CU03	ppm	271	271.1	889007.19	<LOD	<LOD	<LOD	<LOD	380	<LOD	22428.78	<LOD	<LOD	<LOD	99.88	<LOD	<LOD	55482.17	<LOD	<LOD	27140.75	<LOD	1356	<LOD	24	<LOD	<LOD	79	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	199	<LOD	<LOD	<LOD	2630.97	<LOD	<LOD	<LOD	305	332.49
Butler 3	Niton XRF	BP11-CU03	ppm	272	272.1	913570.25	<LOD	<LOD	<LOD	<LOD	280	<LOD	2245.31	<LOD	<LOD	<LOD	126.24	<LOD	<LOD	32602.42	<LOD	<LOD	40617.8	<LOD	389	<LOD	33	<LOD	<LOD	81	<LOD	24.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99	<LOD	<LOD	<LOD	2055.89	<LOD	<LOD	<LOD	<LOD	366.83
Butler 3	Niton XRF	BP11-CU03	ppm	273	273.1	872654.88	<LOD	<LOD	<LOD	<LOD	386	<LOD	23416.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65749.16	<LOD	<LOD	32443.87	<LOD	1961	26	25	<LOD	<LOD	<LOD	<LOD	34.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96	<LOD	<LOD	<LOD	2173.77	<LOD	<LOD	<LOD	161	368.32
Butler 3	Niton XRF	BP11-CU03	ppm	274	274.1	666700.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2243.97	<LOD	<LOD	<LOD	<LOD	<LOD	424	154965.28	<LOD	<LOD	7067.48	<LOD	1466	30	<LOD	<LOD	<LOD	424	<LOD	8.74	<LOD	157270	<LOD	<LOD	38	<LOD	78	74	<LOD	<LOD	<LOD	1498.03	<LOD	<LOD	<LOD	7017	87.23
Butler 3	Niton XRF	BP11-CU03	ppm	275	275.1	902311.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1388.22	<LOD	<LOD	<LOD	<LOD	<LOD	707	82896.68	<LOD	<LOD	6381.91	<LOD	2875	<LOD	27	<LOD	<LOD	59	<LOD	6.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2096.19	<LOD	<LOD	<LOD	681	283.7
Butler 3	Niton XRF	BP11-CU03	ppm	276	276.1	810223.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1726.68	<LOD	<LOD	<LOD	<LOD	<LOD	520	170712.44	<LOD	<LOD	<LOD	<LOD	3522	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	<LOD	<LOD	877.18	<LOD	<LOD	<LOD	1892	139.91
Butler 3	Niton XRF	BP11-CU03	ppm	277	277.1	886629.88	<LOD	<LOD	<LOD	<LOD	546	<LOD	7238.27	<LOD	<LOD	<LOD	138.65	<LOD	<LOD	59474.47	<LOD	<LOD	41280.1	<LOD	712	<LOD	21	<LOD	<LOD	130	<LOD	25.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77	<LOD	<LOD	<LOD	2950.65	<LOD	<LOD	<LOD	138	330.74
Butler 3	Niton XRF	BP11-CU03	ppm	278	278.1	932372.06	<LOD	<LOD	<LOD	<LOD	372	<LOD	1426.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40218.05	<LOD	<LOD	21603.62	<LOD	739	<LOD	19	<LOD	<LOD	36	<LOD	10.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	2239.7	<LOD	186.17	<LOD	216	253.94
Butler 3	Niton XRF	BP11-CU03	ppm	279	279.1	938622.75	<LOD	<LOD	<LOD	<LOD	238	<LOD	2161.46	<LOD	<LOD	<LOD	133.52	<LOD	<LOD	39914.06	<LOD	<LOD	13936.28	<LOD	1437	<LOD	34	<LOD	<LOD	<LOD	<LOD	11.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2591.66	<LOD	<LOD	<LOD	354	280.54
Butler 3	Niton XRF	BP11-CU03	ppm	280	280.1	796664.81	<LOD	<LOD	<LOD	<LOD	355	<LOD	2269.47	<LOD	<LOD	<LOD	<LOD	<LOD	419	127825.08	<LOD	<LOD	16727.48	<LOD	12547	<LOD	27	<LOD	<LOD	<LOD	<LOD	18.96	<LOD	40173	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2116.64	<LOD	<LOD	<LOD	234	314.77
Butler 3	Niton XRF	BP11-CU03	ppm	281	281.1	819494	<LOD	<LOD	<LOD	<LOD	287	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	168	142476.95	<LOD	<LOD	23441.89	<LOD	1707	<LOD	26	<LOD	<LOD	<LOD	<LOD	22.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2822.52	<LOD	<LOD	<LOD	733	249.45
Butler 3	Niton XRF	BP11-CU03	ppm	282	282.1	923822.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1809.25	<LOD	<LOD	<LOD	<LOD	<LOD	163	50607.48	<LOD	<LOD	14828.32	<LOD	4690	<LOD	25	<LOD	<LOD	<LOD	<LOD	10.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3141.46	<LOD	<LOD	<LOD	184	391.44
Butler 3	Niton XRF	BP11-CU03	ppm	283	283.1	874077.25	<LOD	<LOD	<LOD	<LOD	365	<LOD	8361.61	<LOD	<LOD	<LOD	<LOD	<LOD	238	79747.92	<LOD	<LOD	14653.55	<LOD	6803	<LOD	24	<LOD	<LOD	<LOD	<LOD	11.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	2425.19	<LOD	<LOD	<LOD	542	272.83
Butler 3	Niton XRF	BP11-CU03	ppm	284	284.1	874855.44	<LOD	<LOD	<LOD	<LOD	324	<LOD	<LOD	<LOD	<LOD	<LOD	125.34	<LOD	<LOD	93188.4	<LOD	<LOD	24898.64	<LOD	1732	<LOD	31	<LOD	<LOD	42	<LOD	24.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2426.66	<LOD	<LOD	<LOD	369	250.78
Butler 3	Niton XRF	BP11-CU03	ppm	285	285.1	933679.44	<LOD	<LOD	<LOD	<LOD	218	<LOD	1348.43	<LOD	<LOD	<LOD	90.11	<LOD	<LOD	50742.69	<LOD	<LOD	8366.1	<LOD	1394	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	2219.15	<LOD	<LOD	<LOD	1350	256.57
Butler 3	Niton XRF	BP11-CU03	ppm	286	286.1	682205.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4478.04	<LOD	<LOD	<LOD	<LOD	<LOD	595	182101.59	<LOD	<LOD	<LOD	<LOD	3469	<LOD	<LOD	<LOD	<LOD	84	<LOD	<LOD	<LOD	122038	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1224.46	<LOD	<LOD	<LOD	1051	233.23
Butler 3	Niton XRF	BP11-CU03	ppm	287	287.1	502276.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2701.74	<LOD	<LOD	<LOD	<LOD	<LOD	774	275063.28	<LOD	<LOD	5454.6	<LOD	2916	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	206113	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1907.27	<LOD	<LOD	<LOD	1914	270.67
Butler 3	Niton XRF	BP11-CU03	ppm	288	288.1	810737	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1438	142249.45	<LOD	<LOD	3665.97	<LOD	1694	29	<LOD	<LOD	<LOD	<LOD	<LOD	7.41	<LOD	35859	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1932.46	<LOD	<LOD	<LOD	974	244.44
Butler 3	Niton XRF	BP11-CU03	ppm	289	289.1	711145.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6768.01	<LOD	<LOD	<LOD	<LOD	<LOD	1101	236666.17	<LOD	<LOD	<LOD	<LOD	742	<LOD	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37424	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1935.3	<LOD	<LOD	<LOD	1977	228.07
Butler 3	Niton XRF	BP11-CU03	ppm	290	290.1	653270.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21880.17	<LOD	<LOD	<LOD	<LOD	<LOD	487	190572.81	<LOD	<LOD	<LOD	<LOD	1747	<LOD	39	<LOD	<LOD	194	<LOD	<LOD	<LOD	120210	<LOD	<LOD	27	<LOD	<LOD	148	<LOD	<LOD	<LOD	5300.82	<LOD	<LOD	<LOD	1561	599.24
Butler 3	Niton XRF	BP11-CU03	ppm	291	291.1	719760.56	15	<LOD	40	<LOD	<LOD	<LOD	1488.74	<LOD	<LOD	<LOD	<LOD	<LOD	824	155190.66	<LOD	<LOD	<LOD	<LOD	1828	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115702	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	<LOD	1306.4	<LOD	<LOD	<LOD	1066	153.81
Butler 3	Niton XRF	BP11-CU03	ppm	292	292.1	260060.55	<LOD	<LOD	205	<LOD	<LOD	<LOD	2101.22	<LOD	<LOD	<LOD	<LOD	<LOD	3072	351360.41	<LOD	<LOD	<LOD	<LOD	1825	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	374938	<LOD	<LOD	79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1519.54	<LOD	<LOD	<LOD	<LOD	173.1
Butler 3	Niton XRF	BP11-CU03	ppm	293	293.1	448983.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4322.77	<LOD	<LOD	<LOD	<LOD	<LOD	2180	496547.88	<LOD	<LOD	<LOD	<LOD	1335	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41034	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2664.36	<LOD	<LOD	<LOD	412	468.33
Butler 3	Niton XRF	BP11-CU03	ppm	294	294.1	843114.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2257.57	<LOD	<LOD	<LOD	<LOD	<LOD	984	122824.78	<LOD	<LOD	<LOD	<LOD	684	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	26818	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1150.36	<LOD	<LOD	<LOD	86	155.93
Butler 3	Niton XRF	BP11-CU03	ppm	295	295.1	865404.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	985.79	<LOD	<LOD	<LOD	113.88	<LOD	552	130405.74	<LOD	<LOD	<LOD	<LOD	493	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	649.18	<LOD	<LOD	<LOD	74	94.41
Butler 3	Niton XRF	BP11-CU03	ppm	296	296.1	556574.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14834.94	<LOD	<LOD	<LOD	<LOD	<LOD	554	358958.91	<LOD	<LOD	<LOD	<LOD	936	<LOD	46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62875	<LOD	<LOD	<LOD	<LOD	<LOD	193	<LOD	<LOD	<LOD	2617.21	<LOD	<LOD	<LOD	260	767.91
Butler 3	Niton XRF	BP11-CU03	ppm	297	297.1	858127.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1212.28	<LOD	<LOD	<LOD	136.31	<LOD	662	110560.59	<LOD	<LOD	<LOD	<LOD	753	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24031	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1824.04	<LOD	<LOD	<LOD	159	264.64
Butler 3	Niton XRF	BP11-CU03	ppm	298	298.1	594547.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3589.59	<LOD	<LOD	<LOD	<LOD	<LOD	970	216657.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	127	<LOD	<LOD	<LOD	175826	<LOD	<LOD	31	<LOD	<LOD	93	<LOD	<LOD	<LOD	2688.61	<LOD	<LOD	<LOD	610	313.7
Butler 3	Niton XRF	BP11-CU03	ppm	299	299.1	671331.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3569.85	<LOD	<LOD	<LOD	<LOD	<LOD	420	240244.69	<LOD	<LOD	<LOD	<LOD	1149	106	28	<LOD	<LOD	58	<LOD	<LOD	<LOD	71973	<LOD	<LOD	<LOD	<LOD	90	<LOD	<LOD	<LOD	<LOD	4766.74	<LOD	<LOD	<LOD	2878	482.29
Butler 3	Niton XRF	BP11-CU03	ppm	300	300.1	860616.56	<LOD	<LOD	<LOD	<LOD	327	<LOD	6515.69	<LOD	<LOD	<LOD	129.16	<LOD	<LOD	54100.5	<LOD	<LOD	20667.8	<LOD	<LOD	<LOD	21	<LOD	<LOD	622	<LOD	14.64	<LOD	53015	<LOD	<LOD	<LOD	<LOD	<LOD	278	<LOD	<LOD	<LOD	2494.61	<LOD	<LOD	<LOD	273	292.54
Butler 3	Niton XRF	BP11-CU03	ppm	301	301.1	945970.06	<LOD	<LOD	<LOD	<LOD	438	<LOD	<LOD	<LOD	<LOD	<LOD	128.62	<LOD	<LOD	24283.75	<LOD	<LOD	25214.26	<LOD	424	<LOD	<LOD	<LOD	<LOD	85	<LOD	18.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	<LOD	2081.41	<LOD	200.79	<LOD	238	212.03
Butler 3	Niton XRF	BP11-CU03	ppm	302	302.1	912134.38	<LOD	<LOD	<LOD	<LOD	379	<LOD	3354.62	<LOD	<LOD	<LOD	189	<LOD	<LOD	36292.38	<LOD	<LOD	28665.11	<LOD	524	<LOD	30	<LOD	<LOD	159	<LOD	24.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85	<LOD	<LOD	<LOD	2689.71	<LOD	209.94	<LOD	281	364.16
Butler 3	Niton XRF	BP11-CU03	ppm	303	303.1	901855.88	<LOD	<LOD	<LOD	<LOD	214	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	50713.52	<LOD	<LOD	30019.7	<LOD	887	<LOD	<LOD	<LOD	<LOD	33	<LOD	29.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2364.26	<LOD	<LOD	<LOD	322	266.86
Butler 3	Niton XRF	BP11-CU03	ppm	304	304.1	908725.5	<LOD	<LOD	<LOD	<LOD	184	<LOD	2968.55	<LOD	<LOD	<LOD	93.08	<LOD	<LOD	48275.18	<LOD	<LOD	24846.73	<LOD	1403	30	36	<LOD	<LOD	263	<LOD	23.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	<LOD	2526.69	<LOD	<LOD	<LOD	541	366.03
Butler 3	Niton XRF	BP11-CU03	ppm	305	305.1	910379.44	<LOD	<LOD	<LOD	<LOD	222	<LOD	6758.9	<LOD	<LOD	<LOD	<LOD	<LOD	519	43795.61	<LOD	<LOD	32556.31	<LOD	978	<LOD	21	<LOD	<LOD	130	<LOD	18.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	2352.15	<LOD	197.22	<LOD	420	321.52
Butler 3	Niton XRF	BP11-CU03	ppm	306	306.1	678369.81	<LOD	<LOD	<LOD	<LOD	829	<LOD	4153.89	46	<LOD	<LOD	<LOD	<LOD	<LOD	106531.07	<LOD	<LOD	41897.53	<LOD	716	<LOD	39	<LOD	<LOD	3367	<LOD	35.13	<LOD	124691	<LOD	<LOD	<LOD	<LOD	299	167	<LOD	<LOD	<LOD	4453.7	<LOD	467.94	<LOD	32690	514.3
Butler 3	Niton XRF	BP11-CU03	ppm	307	307.1	936381.63	<LOD	<LOD	<LOD	<LOD	182	<LOD	5114.1	<LOD	<LOD	<LOD	101.63	<LOD	231	37692.96	<LOD	<LOD	16258.27	<LOD	1033	<LOD	20	<LOD	<LOD	97	<LOD	14.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	1828.71	<LOD	<LOD	<LOD	398	205.13
Butler 3	Niton XRF	BP11-CU03	ppm	308	308.1	810760.06	<LOD	<LOD	<LOD	<LOD	428	<LOD	28803.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117688.86	<LOD	<LOD	30668.27	<LOD	3002	29	27	<LOD	<LOD	66	<LOD	32.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	165	<LOD	<LOD	<LOD	6856.77	<LOD	<LOD	<LOD	689	260.22
Butler 3	Niton XRF	BP11-CU03	ppm	309	309.1	926390.81	<LOD	<LOD	<LOD	<LOD	246	<LOD	14235.98	<LOD	<LOD	<LOD	153.26	<LOD	240	47741.42	<LOD	<LOD	5988.98	<LOD	1408	<LOD	<LOD	<LOD	<LOD	148	<LOD	4.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	142	<LOD	<LOD	<LOD	2549.41	<LOD	<LOD	<LOD	400	149.63
Butler 3	Niton XRF	BP11-CU03	ppm	310	310.1	818426.81	<LOD	<LOD	<LOD	<LOD	191	<LOD	16029.5	<LOD	<LOD	<LOD	<LOD	<LOD	706	84939.19	<LOD	<LOD	14150.9	<LOD	842	<LOD	<LOD	<LOD	<LOD	114	<LOD	13.39	<LOD	60598	<LOD	<LOD	<LOD	<LOD	<LOD	154	<LOD	<LOD	<LOD	2818.85	<LOD	<LOD	<LOD	306	101.57
Butler 3	Niton XRF	BP11-CU03	ppm	311	311.1	799942.94	<LOD	<LOD	<LOD	<LOD	283	<LOD	22706.49	<LOD	<LOD	<LOD	136.54	<LOD	360	115462.56	<LOD	<LOD	17745.67	<LOD	1731	<LOD	28	<LOD	<LOD	93	<LOD	18.12	<LOD	36002	<LOD	<LOD	<LOD	<LOD	<LOD	138	<LOD	<LOD	<LOD	4536.52	<LOD	<LOD	<LOD	289	211.61
Butler 3	Niton XRF	BP11-CU03	ppm	312	312.1	933345.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94.26	<LOD	<LOD	44655.72	<LOD	<LOD	16715.15	<LOD	1229	<LOD	24	<LOD	<LOD	49	<LOD	9.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1796.93	<LOD	<LOD	<LOD	467	371.09
Butler 3	Niton XRF	BP11-CU03	ppm	313	313.1	937108	<LOD	<LOD	<LOD	<LOD	266	<LOD	<LOD	<LOD	<LOD	<LOD	86.39	<LOD	<LOD	40996.01	<LOD	<LOD	18188.48	<LOD	569	<LOD	<LOD	<LOD	<LOD	93	<LOD	5.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	1231.81	<LOD	113.88	<LOD	170	237.17
Butler 3	Niton XRF	BP11-CU03	ppm	314	314.1	893700.25	<LOD	<LOD	<LOD	<LOD	475	<LOD	<LOD	<LOD	<LOD	<LOD	123.16	<LOD	<LOD	41703.84	<LOD	<LOD	33334.06	<LOD	1181	<LOD	33	<LOD	<LOD	122	<LOD	19.49	<LOD	24931	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	1866.63	<LOD	156.78	<LOD	399	357.4
Butler 3	Niton XRF	BP11-CU03	ppm	315	315.1	931884.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113.95	<LOD	444	30788.75	<LOD	<LOD	31504.8	<LOD	684	<LOD	31	<LOD	<LOD	36	<LOD	12.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76	<LOD	<LOD	<LOD	1957.86	<LOD	172.04	<LOD	117	278.93
Butler 3	Niton XRF	BP11-CU03	ppm	316	316.1	887323.38	<LOD	<LOD	<LOD	<LOD	532	<LOD	18168.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60651.14	<LOD	<LOD	26509.6	<LOD	1162	<LOD	32	<LOD	<LOD	90	<LOD	29.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	396	<LOD	<LOD	<LOD	3164.13	<LOD	254.07	<LOD	1012	401.71
Butler 3	Niton XRF	BP11-CU03	ppm	317	317.1	905452.5	<LOD	<LOD	<LOD	<LOD	390	<LOD	21647.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58353.96	<LOD	<LOD	10070.25	<LOD	683	<LOD	20	<LOD	<LOD	42	<LOD	11.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	422	<LOD	<LOD	<LOD	2103.33	<LOD	172.97	<LOD	153	277.02
Butler 3	Niton XRF	BP11-CU03	ppm	318	318.1	840000.06	<LOD	<LOD	<LOD	<LOD	228	<LOD	29357.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112313.76	<LOD	<LOD	9511.99	<LOD	2774	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	202	<LOD	<LOD	<LOD	4704.97	<LOD	<LOD	<LOD	150	177.61
Butler 3	Niton XRF	BP11-CU03	ppm	319	319.1	862082.06	<LOD	<LOD	<LOD	<LOD	483	<LOD	18092.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86703.32	<LOD	<LOD	27734.61	<LOD	1299	<LOD	23	<LOD	<LOD	<LOD	<LOD	30.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	234	<LOD	<LOD	<LOD	2321.78	<LOD	<LOD	<LOD	173	295.38
Butler 3	Niton XRF	BP11-CU03	ppm	320	320.1	889720.81	<LOD	<LOD	<LOD	<LOD	342	<LOD	13103.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64566.24	<LOD	<LOD	28133.43	<LOD	1040	<LOD	28	<LOD	<LOD	<LOD	<LOD	31.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	200	<LOD	<LOD	<LOD	2055.25	<LOD	<LOD	<LOD	163	278.57
Butler 3	Niton XRF	BP11-CU03	ppm	321	321.1	937927.88	<LOD	<LOD	<LOD	<LOD	296	<LOD	24699.32	<LOD	<LOD	<LOD	122.24	<LOD	<LOD	22015.32	<LOD	<LOD	11671.82	<LOD	520	<LOD	16	<LOD	<LOD	35	<LOD	14.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	367	<LOD	<LOD	<LOD	1811.95	<LOD	<LOD	<LOD	63	299.91
Butler 3	Niton XRF	BP11-CU03	ppm	322	322.1	841935.63	<LOD	<LOD	<LOD	<LOD	424	<LOD	29443.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102333.73	<LOD	<LOD	15894.86	<LOD	2145	<LOD	20	<LOD	<LOD	<LOD	<LOD	18.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	434	<LOD	<LOD	<LOD	6581.91	<LOD	<LOD	<LOD	193	211.32
Butler 3	Niton XRF	BP11-CU03	ppm	323	323.1	862714.31	<LOD	<LOD	<LOD	<LOD	192	<LOD	32857.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90814.09	<LOD	<LOD	5222.07	<LOD	1566	<LOD	<LOD	<LOD	<LOD	39	<LOD	6.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	609	<LOD	<LOD	<LOD	5037.03	<LOD	<LOD	<LOD	180	166.69
Butler 3	Niton XRF	BP11-CU03	ppm	324	324.1	831728.56	<LOD	<LOD	<LOD	<LOD	289	<LOD	23115.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123850.04	<LOD	<LOD	13436.48	<LOD	2167	<LOD	22	<LOD	<LOD	<LOD	<LOD	10.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	206	<LOD	<LOD	<LOD	4435.66	<LOD	<LOD	<LOD	250	164.37
Butler 3	Niton XRF	BP11-CU03	ppm	325	325.1	886106.88	<LOD	<LOD	<LOD	<LOD	249	<LOD	4884.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82146.94	<LOD	<LOD	21779.84	<LOD	2247	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	1793.15	<LOD	179.46	<LOD	152	194.04
Butler 3	Niton XRF	BP11-CU03	ppm	326	326.1	897624.81	<LOD	<LOD	<LOD	<LOD	504	<LOD	20471.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51813.45	<LOD	<LOD	25916.82	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	23.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	<LOD	2310.97	<LOD	170.07	<LOD	154	268.19
Butler 3	Niton XRF	BP11-CU03	ppm	327	327.1	962839.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12948.27	<LOD	<LOD	<LOD	127.31	<LOD	<LOD	11306.97	<LOD	<LOD	10385.39	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	8.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	373	<LOD	<LOD	<LOD	1319.16	<LOD	103.62	<LOD	<LOD	197.81
Butler 3	Niton XRF	BP11-CU03	ppm	328	328.1	860461.19	<LOD	<LOD	<LOD	<LOD	716	<LOD	27987.69	<LOD	<LOD	<LOD	114.07	<LOD	<LOD	66349.02	<LOD	<LOD	38639.5	<LOD	401	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	416	<LOD	<LOD	<LOD	3880.2	<LOD	<LOD	<LOD	189	355.01
Butler 3	Niton XRF	BP11-CU03	ppm	329	329.1	935872.88	<LOD	<LOD	<LOD	<LOD	275	<LOD	13942.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31594.37	<LOD	<LOD	15498.27	<LOD	458	<LOD	22	<LOD	<LOD	<LOD	<LOD	13.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	263	<LOD	<LOD	<LOD	1445.02	<LOD	160.69	<LOD	77	177.99
Butler 3	Niton XRF	BP11-CU03	ppm	330	330.1	870451.56	<LOD	<LOD	<LOD	<LOD	508	<LOD	14616.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79458.49	<LOD	<LOD	26488.75	<LOD	5462	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	248	<LOD	<LOD	<LOD	2155.32	<LOD	<LOD	<LOD	139	252.42
Butler 3	Niton XRF	BP11-CU03	ppm	331	331.1	891875.25	<LOD	<LOD	<LOD	<LOD	406	<LOD	13871.29	<LOD	<LOD	<LOD	<LOD	<LOD	131	64548.71	<LOD	<LOD	24993.98	<LOD	454	<LOD	21	<LOD	<LOD	<LOD	<LOD	22.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	344	<LOD	<LOD	<LOD	2407.85	<LOD	247.96	<LOD	124	275.21
Butler 3	Niton XRF	BP11-CU03	ppm	332	332.1	903592.75	<LOD	<LOD	<LOD	<LOD	518	<LOD	14679.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51828.64	<LOD	<LOD	24822.77	<LOD	591	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	385	<LOD	<LOD	<LOD	2559.36	<LOD	201.51	<LOD	142	314.29
Butler 3	Niton XRF	BP11-CU03	ppm	333	333.1	932748.56	<LOD	<LOD	<LOD	<LOD	504	<LOD	11639.04	<LOD	<LOD	<LOD	111.78	<LOD	<LOD	33925.01	<LOD	<LOD	18004.25	<LOD	519	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181	<LOD	<LOD	<LOD	1710.96	<LOD	184.23	<LOD	129	202.54
Butler 3	Niton XRF	BP11-CU03	ppm	334	334.1	883728.19	<LOD	<LOD	<LOD	<LOD	722	<LOD	18355.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61661.65	<LOD	<LOD	30091.83	<LOD	932	<LOD	22	<LOD	<LOD	<LOD	<LOD	30.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	318	<LOD	<LOD	<LOD	3169.76	<LOD	<LOD	<LOD	177	312.48
Butler 3	Niton XRF	BP11-CU03	ppm	335	335.1	898466.13	<LOD	<LOD	<LOD	<LOD	579	<LOD	16608.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49415.46	<LOD	<LOD	29501.95	<LOD	771	<LOD	22	<LOD	<LOD	<LOD	<LOD	23.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	363	<LOD	<LOD	<LOD	3218.39	<LOD	232.02	<LOD	379	277.59
Butler 3	Niton XRF	BP11-CU03	ppm	336	336.1	899636.56	<LOD	<LOD	<LOD	<LOD	638	<LOD	17592.86	<LOD	<LOD	<LOD	95.55	<LOD	<LOD	50427.69	<LOD	<LOD	26498.23	<LOD	1214	<LOD	19	<LOD	<LOD	<LOD	<LOD	23.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	418	<LOD	<LOD	<LOD	2586.25	<LOD	224.33	<LOD	151	315.01
Butler 3	Niton XRF	BP11-CU03	ppm	337	337.1	861815.88	<LOD	<LOD	<LOD	<LOD	749	<LOD	21385.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72352.18	<LOD	<LOD	37478.51	<LOD	1383	<LOD	23	<LOD	<LOD	<LOD	<LOD	31.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	363	<LOD	<LOD	<LOD	3351	<LOD	264.43	<LOD	203	366.68
Butler 3	Niton XRF	BP11-CU03	ppm	338	338.1	840346.69	<LOD	<LOD	<LOD	<LOD	941	<LOD	19314.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87544.73	<LOD	<LOD	44689.83	<LOD	1771	<LOD	38	<LOD	<LOD	42	<LOD	38.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	353	<LOD	<LOD	<LOD	3680.64	<LOD	393.91	<LOD	268	373.95
Butler 3	Niton XRF	BP11-CU03	ppm	338.9	339	877366.69	<LOD	<LOD	<LOD	<LOD	532	<LOD	12094.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66873.05	<LOD	<LOD	36929.1	<LOD	1188	<LOD	20	<LOD	<LOD	<LOD	<LOD	27.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	406	<LOD	<LOD	<LOD	3220.7	<LOD	<LOD	<LOD	193	315.55
Butler 3	Niton XRF	BP12-CU12	ppm	14	14.1	921716.81	<LOD	<LOD	<LOD	<LOD	512	<LOD	13180.96	<LOD	<LOD	<LOD	145.24	<LOD	<LOD	34554.69	<LOD	<LOD	24136.28	<LOD	669	<LOD	21	<LOD	<LOD	<LOD	<LOD	23.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	293	<LOD	<LOD	<LOD	3995.49	<LOD	<LOD	<LOD	109	244.68
Butler 3	Niton XRF	BP12-CU12	ppm	15	15.1	905461.25	<LOD	<LOD	<LOD	<LOD	369	<LOD	16745.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48425.16	<LOD	<LOD	24557.98	<LOD	833	<LOD	21	<LOD	<LOD	<LOD	<LOD	27.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	301	<LOD	<LOD	<LOD	2456.5	<LOD	203.45	<LOD	161	303.16
Butler 3	Niton XRF	BP12-CU12	ppm	16	16.1	897335.88	<LOD	<LOD	<LOD	<LOD	603	<LOD	14582.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51395.96	<LOD	<LOD	31002.97	<LOD	1165	<LOD	34	<LOD	<LOD	<LOD	<LOD	27.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	339	<LOD	<LOD	<LOD	2559.24	<LOD	254.12	<LOD	97	336.56
Butler 3	Niton XRF	BP12-CU12	ppm	17	17.1	893870.06	<LOD	<LOD	<LOD	<LOD	535	<LOD	10221.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57428.11	<LOD	<LOD	33339.99	<LOD	903	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	252	<LOD	<LOD	<LOD	2578.58	<LOD	<LOD	<LOD	130	323.25
Butler 3	Niton XRF	BP12-CU12	ppm	18	18.1	906241.31	<LOD	<LOD	<LOD	<LOD	580	<LOD	8532.85	<LOD	<LOD	<LOD	95.51	<LOD	<LOD	52038.51	<LOD	<LOD	27768.57	<LOD	1197	<LOD	23	<LOD	<LOD	<LOD	<LOD	28.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	231	<LOD	<LOD	<LOD	2533.01	<LOD	188.44	<LOD	125	278.56
Butler 3	Niton XRF	BP12-CU12	ppm	19	19.1	931314.38	<LOD	<LOD	<LOD	<LOD	381	<LOD	10554.59	<LOD	<LOD	<LOD	91.58	<LOD	<LOD	33722.96	<LOD	<LOD	20536.44	<LOD	480	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	270	<LOD	<LOD	<LOD	2028.53	<LOD	182.8	<LOD	91	228.6
Butler 3	Niton XRF	BP12-CU12	ppm	20	20.1	894490.88	<LOD	<LOD	<LOD	<LOD	623	<LOD	7086.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48623.5	<LOD	<LOD	43953.48	<LOD	816	<LOD	<LOD	<LOD	<LOD	36	<LOD	33.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	238	<LOD	<LOD	<LOD	2990.01	<LOD	281.28	<LOD	145	270.16
Butler 3	Niton XRF	BP12-CU12	ppm	21	21.1	917788.63	<LOD	<LOD	<LOD	<LOD	416	<LOD	11736.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45600.12	<LOD	<LOD	20318.79	<LOD	818	<LOD	17	<LOD	<LOD	<LOD	<LOD	25.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	341	<LOD	<LOD	<LOD	2153.11	<LOD	187.87	<LOD	64	239.98
Butler 3	Niton XRF	BP12-CU12	ppm	22	22.1	900885.19	<LOD	<LOD	<LOD	<LOD	550	<LOD	10788.2	<LOD	<LOD	<LOD	111.94	<LOD	<LOD	53402.39	<LOD	<LOD	29659.05	<LOD	1290	<LOD	27	<LOD	<LOD	<LOD	<LOD	27.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	308	<LOD	<LOD	<LOD	2266.54	<LOD	218.1	<LOD	84	287.45
Butler 3	Niton XRF	BP12-CU12	ppm	23	23.1	871247.94	<LOD	<LOD	<LOD	<LOD	508	<LOD	4240.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38612.82	<LOD	<LOD	82099.48	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	51.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116	<LOD	<LOD	<LOD	2106	<LOD	<LOD	<LOD	<LOD	252.56
Butler 3	Niton XRF	BP12-CU12	ppm	24	24.1	874909.5	<LOD	<LOD	<LOD	<LOD	672	<LOD	11683.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56975.64	<LOD	<LOD	51052.24	<LOD	532	<LOD	20	<LOD	<LOD	<LOD	<LOD	33.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	311	<LOD	<LOD	<LOD	2911.91	<LOD	242.77	<LOD	99	331.23
Butler 3	Niton XRF	BP12-CU12	ppm	25	25.1	911827.75	<LOD	<LOD	<LOD	<LOD	540	<LOD	14516.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49803.73	<LOD	<LOD	18535.91	<LOD	705	<LOD	21	<LOD	<LOD	<LOD	<LOD	24.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	417	<LOD	<LOD	<LOD	2906.5	<LOD	163.65	<LOD	137	290.24
Butler 3	Niton XRF	BP12-CU12	ppm	26	26.1	890731.56	<LOD	<LOD	<LOD	<LOD	687	<LOD	11713.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65125.61	<LOD	<LOD	24009.96	<LOD	3486	<LOD	29	<LOD	<LOD	<LOD	<LOD	29.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	391	<LOD	<LOD	<LOD	2565.24	<LOD	220.01	<LOD	136	299.45
Butler 3	Niton XRF	BP12-CU12	ppm	27	27.1	910636.88	<LOD	<LOD	<LOD	<LOD	448	<LOD	10251.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49274.9	<LOD	<LOD	24933.69	<LOD	1035	<LOD	17	<LOD	<LOD	<LOD	<LOD	26.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	<LOD	2629.71	<LOD	<LOD	<LOD	102	224.37
Butler 3	Niton XRF	BP12-CU12	ppm	28	28.1	922736.38	<LOD	<LOD	<LOD	<LOD	360	<LOD	8297.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40417.22	<LOD	<LOD	24872.27	<LOD	611	<LOD	19	<LOD	<LOD	<LOD	<LOD	23.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	236	<LOD	<LOD	<LOD	1766.7	<LOD	169.68	<LOD	64	206.71

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP12-CU12	ppm	78	78.1	872471.25	<LOD	<LOD	<LOD	<LOD	965	<LOD	11553.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72099.47	<LOD	<LOD	37418.94	<LOD	593	<LOD	31	<LOD	<LOD	41	<LOD	40.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	212	<LOD	<LOD	3528.8	<LOD	220.39	<LOD	269	327.21
Butler 3	Niton XRF	BP12-CU12	ppm	79	79.1	829119.88	<LOD	<LOD	<LOD	<LOD	797	<LOD	14299.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101700.29	<LOD	<LOD	36620.34	<LOD	776	<LOD	<LOD	<LOD	<LOD	57	<LOD	40.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	357	<LOD	<LOD	6589.24	<LOD	<LOD	<LOD	287	218.44
Butler 3	Niton XRF	BP12-CU12	ppm	80	80.1	953402.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4828.65	<LOD	<LOD	<LOD	88.9	<LOD	<LOD	25658.55	<LOD	<LOD	14365.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	<LOD	10.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	<LOD	<LOD	1040.55	<LOD	96.73	<LOD	71	43.4
Butler 3	Niton XRF	BP12-CU12	ppm	81	81.1	924126.44	<LOD	<LOD	<LOD	<LOD	442	<LOD	10078.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21683.02	<LOD	<LOD	40189.8	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	2614.98	<LOD	213.41	<LOD	49	64.27
Butler 3	Niton XRF	BP12-CU12	ppm	82	82.1	880583.5	<LOD	<LOD	<LOD	<LOD	786	<LOD	14493.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66497.13	<LOD	<LOD	31218.55	<LOD	1244	<LOD	17	<LOD	<LOD	50	<LOD	41.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	<LOD	3894.52	<LOD	<LOD	<LOD	161	289.87
Butler 3	Niton XRF	BP12-CU12	ppm	83	83.1	928814.44	<LOD	<LOD	<LOD	<LOD	398	<LOD	7534.67	<LOD	<LOD	<LOD	97.18	<LOD	<LOD	37363.22	<LOD	<LOD	22984.34	<LOD	545	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	1693.94	<LOD	133.64	<LOD	78	151.9
Butler 3	Niton XRF	BP12-CU12	ppm	84	84.1	957601.88	<LOD	<LOD	<LOD	<LOD	282	<LOD	7027.66	<LOD	<LOD	<LOD	107.95	<LOD	<LOD	19639.08	<LOD	<LOD	12667.02	<LOD	366	32	<LOD	<LOD	<LOD	<LOD	<LOD	10.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	303	<LOD	<LOD	1555.22	<LOD	127.85	<LOD	<LOD	175.96
Butler 3	Niton XRF	BP12-CU12	ppm	85	85.1	922835.38	<LOD	<LOD	<LOD	<LOD	433	<LOD	11293.97	<LOD	<LOD	<LOD	127.22	<LOD	<LOD	41669.24	<LOD	<LOD	20433.54	<LOD	802	<LOD	<LOD	<LOD	<LOD	45	<LOD	22.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	276	<LOD	<LOD	1599.18	<LOD	<LOD	<LOD	81	207.85
Butler 3	Niton XRF	BP12-CU12	ppm	86	86.1	891248.31	<LOD	<LOD	<LOD	<LOD	480	<LOD	10517.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58062.33	<LOD	<LOD	35111	<LOD	983	<LOD	29	<LOD	<LOD	<LOD	<LOD	34.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	281	<LOD	<LOD	2345.53	<LOD	220.56	<LOD	141	298.84
Butler 3	Niton XRF	BP12-CU12	ppm	87	87.1	814460.44	<LOD	<LOD	<LOD	<LOD	789	<LOD	18091.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102371.39	<LOD	<LOD	56414.34	<LOD	1202	<LOD	29	<LOD	<LOD	61	<LOD	60.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	3781.51	<LOD	280.98	<LOD	393	397.89
Butler 3	Niton XRF	BP12-CU12	ppm	88	88.1	905780.31	<LOD	<LOD	<LOD	<LOD	422	<LOD	13502.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50349.45	<LOD	<LOD	25655.25	<LOD	933	<LOD	18	<LOD	<LOD	40	<LOD	28.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	2274.19	<LOD	<LOD	<LOD	162	266.88
Butler 3	Niton XRF	BP12-CU12	ppm	89	89.1	776099.19	<LOD	<LOD	<LOD	<LOD	287	<LOD	6143.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136987.77	<LOD	<LOD	30812.34	<LOD	1437	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6307.77	<LOD	<LOD	<LOD	2103	234.59
Butler 3	Niton XRF	BP12-CU12	ppm	90	90.1	331069.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9894.98	<LOD	<LOD	<LOD	<LOD	<LOD	13733	365069.31	<LOD	<LOD	<LOD	<LOD	926	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	273927	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3929.93	<LOD	<LOD	<LOD	492	185.29
Butler 3	Niton XRF	BP12-CU12	ppm	91	91.1	900655	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102.78	<LOD	<LOD	75224.72	<LOD	<LOD	2387.07	<LOD	415	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	18625	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1161.67	<LOD	<LOD	<LOD	185	326.47
Butler 3	Niton XRF	BP12-CU12	ppm	92	92.1	921036.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1432.22	<LOD	<LOD	<LOD	<LOD	<LOD	430	46049.75	<LOD	<LOD	7524.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19990	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2652.27	<LOD	<LOD	<LOD	161	148.85
Butler 3	Niton XRF	BP12-CU12	ppm	93	93.1	912959.5	<LOD	<LOD	<LOD	<LOD	325	<LOD	3172.49	<LOD	<LOD	<LOD	106.91	<LOD	214	41960.07	<LOD	<LOD	28824.29	<LOD	668	<LOD	24	<LOD	<LOD	<LOD	<LOD	23.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	3093.22	<LOD	<LOD	<LOD	222	370.38
Butler 3	Niton XRF	BP12-CU12	ppm	94	94.1	909926.06	<LOD	<LOD	<LOD	<LOD	286	<LOD	7549.77	<LOD	<LOD	<LOD	120.42	<LOD	192	48701.14	<LOD	<LOD	20558.91	<LOD	709	<LOD	21	<LOD	<LOD	<LOD	<LOD	13.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	2676.03	<LOD	<LOD	<LOD	138	351.02
Butler 3	Niton XRF	BP12-CU12	ppm	95	95.1	917504.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16175.22	<LOD	<LOD	<LOD	107.35	<LOD	<LOD	49245.35	<LOD	<LOD	12632.58	<LOD	1173	<LOD	23	<LOD	<LOD	43	<LOD	6.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119	<LOD	<LOD	2133.11	<LOD	<LOD	<LOD	164	271.46
Butler 3	Niton XRF	BP12-CU12	ppm	96	96.1	872158.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5735.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90216.41	<LOD	<LOD	17088.31	<LOD	914	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	6761.88	<LOD	<LOD	<LOD	286	196.53
Butler 3	Niton XRF	BP12-CU12	ppm	97	97.1	834782.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10558.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139699.25	<LOD	<LOD	5263.92	<LOD	1746	<LOD	23	<LOD	<LOD	<LOD	<LOD	5.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6962.44	<LOD	<LOD	<LOD	406	248.13
Butler 3	Niton XRF	BP12-CU12	ppm	98	98.1	832751.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6791.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96855.73	<LOD	<LOD	3238.15	<LOD	952	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	53097	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5341.06	<LOD	<LOD	<LOD	251	223.94
Butler 3	Niton XRF	BP12-CU12	ppm	99	99.1	832670.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5295.86	<LOD	<LOD	<LOD	<LOD	<LOD	188	114438.81	<LOD	<LOD	5326.32	<LOD	1029	<LOD	19	<LOD	<LOD	<LOD	<LOD	6.68	<LOD	32541	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7382.23	<LOD	<LOD	<LOD	281	299.76
Butler 3	Niton XRF	BP12-CU12	ppm	100	100.1	984984.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1475.72	<LOD	<LOD	<LOD	79.55	<LOD	137	11004	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1232.96	<LOD	<LOD	<LOD	99	<LOD
Butler 3	Niton XRF	BP12-CU12	ppm	101	101.1	864961.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4825.33	<LOD	<LOD	<LOD	<LOD	<LOD	228	105080.59	<LOD	<LOD	<LOD	<LOD	1007	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5701.75	<LOD	<LOD	<LOD	258	208.07
Butler 3	Niton XRF	BP12-CU12	ppm	102	102.1	798986.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5059.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	184290.23	<LOD	<LOD	<LOD	<LOD	2271	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7495.43	<LOD	<LOD	<LOD	342	296.18
Butler 3	Niton XRF	BP12-CU12	ppm	103	103.1	524045.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5048.36	<LOD	<LOD	<LOD	<LOD	<LOD	587	238111.02	<LOD	<LOD	5972.75	<LOD	4040	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218796	<LOD	<LOD	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2672.72	<LOD	<LOD	<LOD	280	106.99
Butler 3	Niton XRF	BP12-CU12	ppm	104	104.1	901837.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3418.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79764.14	<LOD	<LOD	7920.36	<LOD	1052	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5333.53	<LOD	<LOD	<LOD	188	189.17
Butler 3	Niton XRF	BP12-CU12	ppm	105	105.1	887241.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4911.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98149.15	<LOD	<LOD	<LOD	<LOD	1071	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5437.14	<LOD	<LOD	<LOD	190	218.14
Butler 3	Niton XRF	BP12-CU12	ppm	106	106.1	268868.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3903.42	<LOD	<LOD	<LOD	<LOD	<LOD	435	327618.78	<LOD	<LOD	8562.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	388037	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1347.48	<LOD	<LOD	<LOD	199	85.52
Butler 3	Niton XRF	BP12-CU12	ppm	107	107.1	766000.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7693.51	<LOD	<LOD	<LOD	<LOD	<LOD	196	168661.7	<LOD	<LOD	<LOD	<LOD	2240	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45816	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	5542.76	<LOD	<LOD	<LOD	424	266.58
Butler 3	Niton XRF	BP12-CU12	ppm	108	108.1	606119.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10495.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	221820.92	<LOD	<LOD	<LOD	<LOD	1087	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152408	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	<LOD	<LOD	4310.74	<LOD	<LOD	<LOD	548	182.23
Butler 3	Niton XRF	BP12-CU12	ppm	109	109.1	836024.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6605.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114792.09	<LOD	<LOD	6807.18	<LOD	938	<LOD	31	<LOD	<LOD	<LOD	<LOD	<LOD	27578	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	6418.96	<LOD	<LOD	<LOD	258	250.21
Butler 3	Niton XRF	BP12-CU12	ppm	110	110.1	818550.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6763.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135139.92	<LOD	<LOD	<LOD	<LOD	6090	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28822	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3660.88	<LOD	<LOD	<LOD	188	123.56
Butler 3	Niton XRF	BP12-CU12	ppm	111	111.1	929593.38	<LOD	<LOD	<LOD	<LOD	285	<LOD	9359.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32035.14	<LOD	<LOD	24426.01	<LOD	1253	<LOD	15	<LOD	<LOD	<LOD	<LOD	13.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2203.18	<LOD	202.22	<LOD	<LOD	203.52
Butler 3	Niton XRF	BP12-CU12	ppm	112	112.1	903221	<LOD	<LOD	<LOD	<LOD	733	<LOD	<LOD	<LOD	<LOD	<LOD	98.1	<LOD	<LOD	32671.23	<LOD	<LOD	56212.05	<LOD	943	<LOD	31	<LOD	<LOD	<LOD	<LOD	25.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	3224.89	<LOD	293.29	<LOD	90	401.25
Butler 3	Niton XRF	BP12-CU12	ppm	113	113.1	825196.31	<LOD	<LOD	<LOD	<LOD	524	<LOD	24401.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71623.3	<LOD	<LOD	42362.95	<LOD	1911	<LOD	21	<LOD	<LOD	<LOD	<LOD	32.14	<LOD	30471	<LOD	<LOD	<LOD	<LOD	53	87	<LOD	<LOD	2454.11	<LOD	<LOD	<LOD	120	353.63
Butler 3	Niton XRF	BP12-CU12	ppm	114	114.1	916007.38	<LOD	<LOD	<LOD	<LOD	185	<LOD	14991.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45131.95	<LOD	<LOD	20403.94	<LOD	953	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	1656.02	<LOD	<LOD	<LOD	88	221.14
Butler 3	Niton XRF	BP12-CU12	ppm	115	115.1	914756.5	<LOD	<LOD	<LOD	<LOD	258	<LOD	13217.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48174.95	<LOD	<LOD	19702.81	<LOD	1179	<LOD	17	<LOD	<LOD	<LOD	<LOD	16.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	1951.34	<LOD	<LOD	<LOD	177	239.94
Butler 3	Niton XRF	BP12-CU12	ppm	116	116.1	923124.88	<LOD	<LOD	<LOD	<LOD	173	<LOD	11255.48	<LOD	<LOD	<LOD	128.53	<LOD	<LOD	43139.73	<LOD	<LOD	16039.89	<LOD	470	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	1471.43	<LOD	<LOD	<LOD	99	165.62
Butler 3	Niton XRF	BP12-CU12	ppm	117	117.1	927494.19	<LOD	<LOD	<LOD	<LOD	189	<LOD	17174.05	<LOD	<LOD	<LOD	120.37	<LOD	<LOD	33902.34	<LOD	<LOD	17779.04	<LOD	745	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	1905.72	<LOD	<LOD	<LOD	90	216.22
Butler 3	Niton XRF	BP12-CU12	ppm	118	118.1	925814.44	<LOD	<LOD	<LOD	<LOD	256	<LOD	17465.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33315.79	<LOD	<LOD	19264.66	<LOD	909	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	162	<LOD	<LOD	2112.25	<LOD	<LOD	<LOD	165	228.97
Butler 3	Niton XRF	BP12-CU12	ppm	119	119.1	943796.38	<LOD	<LOD	<LOD	<LOD	213	<LOD	5568.88	<LOD	<LOD	<LOD	102.67	<LOD	<LOD	30549.84	<LOD	<LOD	16696.1	<LOD	598	<LOD	16	<LOD	<LOD	51	<LOD	12.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	1725.07	<LOD	<LOD	<LOD	208	238.72
Butler 3	Niton XRF	BP12-CU12	ppm	120	120.1	935959.88	<LOD	<LOD	<LOD	<LOD	225	<LOD	1644.61	<LOD	<LOD	<LOD	81.08	<LOD	<LOD	37312.59	<LOD	<LOD	20878.52	<LOD	411	<LOD	18	<LOD	<LOD	<LOD	<LOD	14.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	2654.15	<LOD	155.35	<LOD	158	272.17
Butler 3	Niton XRF	BP12-CU12	ppm	121	121.1	870936.69	<LOD	<LOD	<LOD	<LOD	546	<LOD	<LOD	<LOD	<LOD	<LOD	105.04	<LOD	253	62067.93	<LOD	<LOD	30959.23	<LOD	530	<LOD	27	<LOD	<LOD	<LOD	<LOD	21.85	<LOD	29072	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	3034.15	<LOD	233.08	<LOD	178	323.67
Butler 3	Niton XRF	BP12-CU12	ppm	122	122.1	839729.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16563.82	<LOD	<LOD	<LOD	<LOD	<LOD	407	126311.99	<LOD	<LOD	7565.96	<LOD	1144	<LOD	20	<LOD	<LOD	<LOD	<LOD	5.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	7281.18	<LOD	<LOD	<LOD	370	216.36
Butler 3	Niton XRF	BP12-CU12	ppm	123	123.1	836923.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24199.37	<LOD	<LOD	<LOD	<LOD	<LOD	243	128311.48	<LOD	<LOD	<LOD	<LOD	2471	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99	<LOD	<LOD	5375.17	<LOD	<LOD	<LOD	248	169.56
Butler 3	Niton XRF	BP12-CU12	ppm	124	124.1	928355.5	<LOD	<LOD	<LOD	<LOD	484	<LOD	<LOD	<LOD	<LOD	<LOD	133.51	<LOD	325	23114.77	<LOD	<LOD	42803.73	<LOD	<LOD	<LOD	21	<LOD	<LOD	65	<LOD	15.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	2353.59	<LOD	217.37	<LOD	76	301.58
Butler 3	Niton XRF	BP12-CU12	ppm	125	125.1	932321	<LOD	<LOD	<LOD	<LOD	396	<LOD	4736.38	<LOD	<LOD	<LOD	81.17	<LOD	<LOD	31165.37	<LOD	<LOD	27418.35	<LOD	724	<LOD	27	<LOD	<LOD	<LOD	<LOD	19.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	2262.59	<LOD	221.15	<LOD	100	320.22
Butler 3	Niton XRF	BP12-CU12	ppm	126	126.1	898980.56	<LOD	<LOD	<LOD	<LOD	303	<LOD	10229.61	<LOD	<LOD	<LOD	106.09	<LOD	<LOD	63087.67	<LOD	<LOD	23243.95	<LOD	1160	<LOD	<LOD	<LOD	<LOD	34	<LOD	18.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	169	<LOD	<LOD	1883.63	<LOD	<LOD	<LOD	161	242.04
Butler 3	Niton XRF	BP12-CU12	ppm	127	127.1	886312.31	<LOD	<LOD	<LOD	<LOD	562	<LOD	14204.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57480.71	<LOD	<LOD	37731.77	<LOD	791	<LOD	17	<LOD	<LOD	<LOD	<LOD	25.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	2048.63	<LOD	<LOD	<LOD	81	261.57
Butler 3	Niton XRF	BP12-CU12	ppm	128	128.1	852491.25	<LOD	<LOD	<LOD	<LOD	550	<LOD	31083.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76902.55	<LOD	<LOD	33015.33	<LOD	999	<LOD	25	<LOD	<LOD	38	<LOD	37.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	504	<LOD	<LOD	2980.95	<LOD	<LOD	<LOD	548	417.81
Butler 3	Niton XRF	BP12-CU12	ppm	129	129.1	874180	<LOD	<LOD	<LOD	<LOD	390	<LOD	6767.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81418.23	<LOD	<LOD	31942.49	<LOD	2119	<LOD	22	<LOD	<LOD	<LOD	<LOD	37.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109	<LOD	<LOD	2198.21	<LOD	200.8	<LOD	162	294.26

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP12-CU12	ppm	130	130.1	889434	<LOD	<LOD	<LOD	<LOD	337	<LOD	18429.69	<LOD	<LOD	<LOD	154.33	<LOD	<LOD	53390.69	<LOD	<LOD	33770.3	<LOD	1376	<LOD	17	<LOD	<LOD	<LOD	<LOD	27.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	265	<LOD	<LOD	<LOD	2076.33	<LOD	<LOD	<LOD	119	248.82
Butler 3	Niton XRF	BP12-CU12	ppm	131	131.1	862885.31	<LOD	<LOD	<LOD	<LOD	403	<LOD	9343.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87560.55	<LOD	<LOD	34528.85	<LOD	1719	<LOD	24	<LOD	<LOD	<LOD	<LOD	53.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148	<LOD	<LOD	<LOD	2604.86	<LOD	<LOD	<LOD	188	258.63
Butler 3	Niton XRF	BP12-CU12	ppm	132	132.1	877973	<LOD	<LOD	<LOD	<LOD	397	<LOD	34958.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57098.7	<LOD	<LOD	25321.8	<LOD	870	<LOD	30	<LOD	<LOD	<LOD	<LOD	29.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	2410.65	<LOD	252.77	<LOD	116	298.06
Butler 3	Niton XRF	BP12-CU12	ppm	133	133.1	892473.94	<LOD	<LOD	<LOD	<LOD	542	<LOD	12908.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65602.13	<LOD	<LOD	22283.79	<LOD	3443	<LOD	20	<LOD	<LOD	<LOD	<LOD	19.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	<LOD	1895.52	<LOD	190	<LOD	128	244.96
Butler 3	Niton XRF	BP12-CU12	ppm	134	134.1	909892.63	<LOD	<LOD	<LOD	<LOD	442	<LOD	15311.36	<LOD	<LOD	<LOD	111.25	<LOD	<LOD	36136.32	<LOD	<LOD	33521.36	<LOD	579	<LOD	25	<LOD	<LOD	36	<LOD	22.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	351	<LOD	<LOD	<LOD	2645.64	<LOD	191.44	<LOD	317	304.02
Butler 3	Niton XRF	BP12-CU12	ppm	135	135.1	864345	<LOD	<LOD	<LOD	<LOD	448	<LOD	23913.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70804.24	<LOD	<LOD	18784.53	<LOD	19307	<LOD	27	184	<LOD	<LOD	<LOD	18.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD	<LOD	<LOD	1473.47	<LOD	<LOD	<LOD	78	194.78
Butler 3	Niton XRF	BP12-CU12	ppm	136	136.1	891310.13	<LOD	<LOD	<LOD	<LOD	434	<LOD	15828.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59964.07	<LOD	<LOD	26422.75	<LOD	2646	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	223	<LOD	<LOD	<LOD	2385.17	<LOD	<LOD	<LOD	165	273.98
Butler 3	Niton XRF	BP12-CU12	ppm	137	137.1	902500	<LOD	<LOD	<LOD	<LOD	411	<LOD	19984.21	<LOD	<LOD	<LOD	129.71	<LOD	<LOD	49332.11	<LOD	<LOD	23517.85	<LOD	858	<LOD	22	<LOD	<LOD	40	<LOD	26.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	251	<LOD	<LOD	<LOD	2317.04	<LOD	<LOD	<LOD	113	278.68
Butler 3	Niton XRF	BP12-CU12	ppm	138	138.1	911449.06	<LOD	<LOD	<LOD	<LOD	207	<LOD	15769.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59617.71	<LOD	<LOD	8765.55	<LOD	1102	<LOD	<LOD	<LOD	<LOD	77	<LOD	10.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	293	<LOD	<LOD	<LOD	1952.07	<LOD	<LOD	<LOD	239	230.84
Butler 3	Niton XRF	BP12-CU12	ppm	138.5	138.6	635566	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10520.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	215068.27	<LOD	<LOD	12580.87	<LOD	1433	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112716	<LOD	<LOD	<LOD	<LOD	71	126	<LOD	<LOD	<LOD	9713.7	<LOD	<LOD	<LOD	1347	282.28
Butler 3	Niton XRF	BP12-CU12	ppm	139	139.1	660658.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11729.31	<LOD	<LOD	<LOD	<LOD	<LOD	1054	226580.19	<LOD	<LOD	<LOD	<LOD	1459	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87553	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8210.79	<LOD	<LOD	<LOD	708	319.06
Butler 3	Niton XRF	BP12-CU12	ppm	140	140.1	921175.38	<LOD	<LOD	<LOD	<LOD	253	<LOD	15619.63	<LOD	<LOD	<LOD	116.35	<LOD	641	46209.94	<LOD	<LOD	11159.63	<LOD	869	<LOD	26	<LOD	<LOD	215	<LOD	11.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	244	<LOD	<LOD	<LOD	2500.3	<LOD	181.03	<LOD	299	336.47
Butler 3	Niton XRF	BP12-CU12	ppm	141	141.1	238069.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	973	352759.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	402841	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	961.94	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP12-CU12	ppm	142	142.1	863557	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2698.54	<LOD	<LOD	<LOD	124.6	<LOD	411	111216.07	<LOD	<LOD	3125.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	<LOD	2534.05	<LOD	<LOD	<LOD	127	276.45
Butler 3	Niton XRF	BP12-CU12	ppm	143	143.1	421401.22	47	<LOD	<LOD	<LOD	<LOD	114	3104.7	<LOD	<LOD	<LOD	<LOD	<LOD	1184	361519	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	115	<LOD	<LOD	<LOD	208994	<LOD	<LOD	75	<LOD	<LOD	141	<LOD	<LOD	<LOD	580.99	<LOD	<LOD	<LOD	331	216.16
Butler 3	Niton XRF	BP12-CU12	ppm	144	144.1	893633.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1584.95	<LOD	<LOD	<LOD	<LOD	<LOD	406	99891.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1470.25	<LOD	<LOD	<LOD	128	216.72
Butler 3	Niton XRF	BP12-CU12	ppm	145	145.1	565531.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2847.43	<LOD	<LOD	<LOD	<LOD	<LOD	256	267581.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	155064	<LOD	<LOD	49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4268.67	<LOD	<LOD	<LOD	231	453.96
Butler 3	Niton XRF	BP12-CU12	ppm	146	146.1	488971.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1562.3	<LOD	<LOD	<LOD	<LOD	<LOD	15990	286279.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	201029	<LOD	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2060.43	<LOD	<LOD	<LOD	312	326.8
Butler 3	Niton XRF	BP12-CU12	ppm	147	147.1	849530.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1405.07	<LOD	<LOD	<LOD	<LOD	<LOD	1197	94729	<LOD	<LOD	<LOD	<LOD	<LOD	30	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50374	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	781.43	<LOD	<LOD	<LOD	<LOD	144.71
Butler 3	Niton XRF	BP12-CU12	ppm	148	148.1	369267.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4107	379396.38	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	242605	<LOD	<LOD	71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2087.88	<LOD	<LOD	<LOD	<LOD	320.71
Butler 3	Niton XRF	BP12-CU12	ppm	149	149.1	642097.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1994.72	<LOD	<LOD	<LOD	<LOD	<LOD	544	279856.25	<LOD	<LOD	<LOD	<LOD	1064	<LOD	56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70244	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2588.03	<LOD	<LOD	<LOD	200	579.24
Butler 3	Niton XRF	BP12-CU12	ppm	150	150.1	484696.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1720	297150.03	<LOD	<LOD	<LOD	<LOD	726	<LOD	40	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	208323	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2746.19	<LOD	<LOD	<LOD	233	453.81
Butler 3	Niton XRF	BP12-CU12	ppm	151	151.1	311782.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2942	353266.09	<LOD	<LOD	9203.21	<LOD	785	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.4	<LOD	315839	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2341.91	<LOD	<LOD	<LOD	448	303.11
Butler 3	Niton XRF	BP12-CU12	ppm	153	153.1	920518.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1158.28	<LOD	<LOD	<LOD	<LOD	<LOD	277	63812.52	<LOD	<LOD	3556.54	<LOD	735	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2137.37	<LOD	<LOD	<LOD	348	329.69
Butler 3	Niton XRF	BP12-CU12	ppm	154	154.1	904637.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1483.84	<LOD	<LOD	<LOD	<LOD	<LOD	503	73797.17	<LOD	<LOD	4791.74	<LOD	1204	<LOD	21	<LOD	<LOD	54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3433.15	<LOD	<LOD	<LOD	279	304.48
Butler 3	Niton XRF	BP12-CU12	ppm	155	155.1	690510.94	<LOD	<LOD	51	<LOD	<LOD	<LOD	1507.06	<LOD	<LOD	<LOD	<LOD	<LOD	4356	151128.72	<LOD	<LOD	6096.65	<LOD	1360	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	134789	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1373.78	<LOD	246.15	<LOD	7714	128.19
Butler 3	Niton XRF	BP12-CU12	ppm	156	156.1	760606.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2228.86	<LOD	<LOD	<LOD	<LOD	<LOD	4230	132270.47	<LOD	<LOD	7079.29	<LOD	1650	<LOD	25	<LOD	<LOD	<LOD	<LOD	6.76	<LOD	81078	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	<LOD	1391.12	<LOD	<LOD	<LOD	8661	182.25
Butler 3	Niton XRF	BP12-CU12	ppm	157	157.1	699351.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	<LOD	7919	109307.72	<LOD	<LOD	<LOD	<LOD	538	50	26	<LOD	<LOD	291	<LOD	<LOD	<LOD	111752	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2385.13	<LOD	<LOD	<LOD	64583	232.79
Butler 3	Niton XRF	BP12-CU12	ppm	158	158.1	851190.75	<LOD	<LOD	<LOD	<LOD	585	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1688	84348.23	<LOD	<LOD	29286.03	<LOD	1151	<LOD	40	<LOD	<LOD	475	<LOD	31.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	50	<LOD	<LOD	<LOD	4501.14	<LOD	<LOD	<LOD	10025	497.08
Butler 3	Niton XRF	BP12-CU12	ppm	159	159.1	693463.13	<LOD	<LOD	95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1257	109443.09	<LOD	<LOD	9036.23	<LOD	984	<LOD	29	<LOD	<LOD	250	<LOD	9.73	<LOD	130095	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2532.75	<LOD	<LOD	<LOD	51344	295.61
Butler 3	Niton XRF	BP12-CU12	ppm	160	160.1	914491.25	<LOD	<LOD	<LOD	<LOD	293	<LOD	22315.91	<LOD	<LOD	<LOD	127.06	<LOD	<LOD	31209.82	<LOD	<LOD	26233.46	<LOD	1347	<LOD	24	<LOD	<LOD	145	<LOD	24.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	2938.19	<LOD	150.36	<LOD	124	368.09
Butler 3	Niton XRF	BP12-CU12	ppm	161	161.1	882719.25	<LOD	<LOD	<LOD	<LOD	359	<LOD	3034.54	<LOD	<LOD	<LOD	<LOD	<LOD	572	67325.58	<LOD	<LOD	25162.03	<LOD	1125	<LOD	18	<LOD	<LOD	89	<LOD	27.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	75	<LOD	<LOD	<LOD	2760.71	<LOD	<LOD	<LOD	1232	380.37
Butler 3	Niton XRF	BP12-CU12	ppm	162	162.1	662737.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4131.28	<LOD	<LOD	<LOD	<LOD	<LOD	559	122706.21	<LOD	<LOD	8702.96	<LOD	961	33	25	<LOD	<LOD	183	<LOD	14.63	<LOD	194970	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1334.61	<LOD	<LOD	<LOD	3078	210.69
Butler 3	Niton XRF	BP12-CU12	ppm	163	163.1	527272	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1565.64	<LOD	<LOD	<LOD	<LOD	<LOD	1895	176309.38	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	201	<LOD	<LOD	<LOD	202357	<LOD	<LOD	<LOD	<LOD	88	<LOD	<LOD	<LOD	<LOD	4026.25	<LOD	<LOD	<LOD	83927	293.02
Butler 3	Niton XRF	BP12-CU12	ppm	164	164.1	895439.5	<LOD	<LOD	<LOD	<LOD	369	<LOD	38267.71	<LOD	<LOD	<LOD	119.57	<LOD	<LOD	34189.29	<LOD	<LOD	27305.65	<LOD	941	<LOD	20	<LOD	<LOD	140	<LOD	29.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	2199.86	<LOD	166.84	<LOD	175	337
Butler 3	Niton XRF	BP12-CU12	ppm	165	165.1	908167.5	<LOD	<LOD	<LOD	<LOD	418	<LOD	13025	<LOD	<LOD	<LOD	145.18	<LOD	<LOD	38891.64	<LOD	<LOD	35558.49	<LOD	609	<LOD	22	<LOD	<LOD	47	<LOD	32.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77	<LOD	<LOD	<LOD	2298.31	<LOD	181.6	<LOD	95	313.96
Butler 3	Niton XRF	BP12-CU12	ppm	166	166.1	927232.5	<LOD	<LOD	<LOD	<LOD	326	<LOD	4010.57	<LOD	<LOD	<LOD	99.29	<LOD	<LOD	42343.23	<LOD	<LOD	21926.76	<LOD	1245	<LOD	<LOD	<LOD	<LOD	390	<LOD	15.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85	<LOD	<LOD	<LOD	1651.34	<LOD	<LOD	<LOD	220	206.64
Butler 3	Niton XRF	BP12-CU12	ppm	167	167.1	912863.88	<LOD	<LOD	<LOD	<LOD	362	<LOD	9961.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49213.16	<LOD	<LOD	23239.1	<LOD	959	<LOD	18	<LOD	<LOD	110	<LOD	23.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143	<LOD	<LOD	<LOD	2361.33	<LOD	167.97	<LOD	100	173.83
Butler 3	Niton XRF	BP12-CU12	ppm	168	168.1	895428.19	<LOD	<LOD	<LOD	<LOD	347	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70437.06	<LOD	<LOD	23118.5	<LOD	2832	<LOD	21	<LOD	<LOD	105	<LOD	11.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	1794.5	<LOD	<LOD	<LOD	3308	276.96
Butler 3	Niton XRF	BP12-CU12	ppm	169	169.1	877925.5	<LOD	<LOD	<LOD	<LOD	321	<LOD	1828.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98054.87	<LOD	<LOD	15768.55	<LOD	2165	<LOD	26	<LOD	<LOD	<LOD	<LOD	11.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	2715.98	<LOD	<LOD	<LOD	484	315.69
Butler 3	Niton XRF	BP12-CU12	ppm	170	170.1	917510.13	<LOD	<LOD	<LOD	<LOD	359	<LOD	1918.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55954.75	<LOD	<LOD	13867.7	<LOD	6019	<LOD	26	<LOD	<LOD	142	<LOD	9.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71	<LOD	<LOD	<LOD	2044.42	<LOD	<LOD	<LOD	1371	351.44
Butler 3	Niton XRF	BP12-CU12	ppm	171	171.1	944158	<LOD	<LOD	<LOD	<LOD	199	<LOD	1933.84	<LOD	<LOD	<LOD	107.48	<LOD	<LOD	20305.36	<LOD	<LOD	28597.76	<LOD	689	<LOD	27	<LOD	<LOD	398	<LOD	18.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133	<LOD	<LOD	<LOD	1804.57	<LOD	135.36	<LOD	967	359.88
Butler 3	Niton XRF	BP12-CU12	ppm	172	172.1	894811.94	<LOD	<LOD	<LOD	<LOD	440	<LOD	3171.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71706.99	<LOD	<LOD	22175.14	<LOD	1581	<LOD	33	<LOD	<LOD	44	<LOD	16.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92	<LOD	<LOD	<LOD	4851.12	<LOD	<LOD	<LOD	427	328.68
Butler 3	Niton XRF	BP12-CU12	ppm	173	173.1	912435.13	<LOD	<LOD	<LOD	<LOD	311	<LOD	1881.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64027.82	<LOD	<LOD	17016.31	<LOD	1488	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	1837.8	<LOD	<LOD	<LOD	273	221.29
Butler 3	Niton XRF	BP12-CU12	ppm	174	174.1	913760.63	<LOD	<LOD	<LOD	<LOD	381	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58617.12	<LOD	<LOD	20786.14	<LOD	1533	<LOD	18	<LOD	<LOD	66	<LOD	13.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71	<LOD	<LOD	<LOD	2108.47	<LOD	176.41	<LOD	612	271.73
Butler 3	Niton XRF	BP12-CU12	ppm	175	175.1	898134.63	<LOD	<LOD	<LOD	<LOD	267	<LOD	1701.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65281.51	<LOD	<LOD	23455.23	<LOD	5675	<LOD	30	<LOD	<LOD	87	<LOD	21.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	2609.69	<LOD	193.85	<LOD	1936	355.09
Butler 3	Niton XRF	BP12-CU12	ppm	176	176.1	849614.94	<LOD	<LOD	<LOD	<LOD	512	<LOD	6154.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79819.89	<LOD	<LOD	47806.99	<LOD	689	<LOD	35	<LOD	<LOD	274	<LOD	27.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	2708.35	<LOD	<LOD	<LOD	447	384.49
Butler 3	Niton XRF	BP12-CU12	ppm	177	177.1	907130.25	<LOD	<LOD	<LOD	<LOD	322	<LOD	10582.54	<LOD	<LOD	<LOD	107.35	<LOD	<LOD	53841.26	<LOD	<LOD	21830.06	<LOD	1191	<LOD	20	<LOD	<LOD	355	<LOD	15.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3565.48	<LOD	<LOD	<LOD	307	255.57
Butler 3	Niton XRF	BP12-CU12	ppm	178	178.1	922788	<LOD	<LOD	<LOD	<LOD	647	<LOD	5847.13	<LOD	<LOD	<LOD	103.23	<LOD	<LOD	18868.09	<LOD	<LOD	47473.21	<LOD	448	<LOD	62	<LOD	<LOD	125	<LOD	24.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	<LOD	2565.22	<LOD	286.35	<LOD	59	363.98
Butler 3	Niton XRF	BP12-CU12	ppm	179	179.1	938290.13	<LOD	<LOD	<LOD	<LOD	281	<LOD	8239.17	<LOD	<LOD	<LOD	84.65	<LOD	<LOD	23422.3	<LOD	<LOD	26507.51	<LOD	756	<LOD	29	<LOD	<LOD	<LOD	<LOD	17.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	1753.11	<LOD	135.7	<LOD	101	230.57
Butler 3	Niton XRF	BP12-CU12	ppm	180	180.1	879697.5	<LOD	<LOD	<LOD	<LOD	180	<LOD	18647.21	<LOD	<LOD	<LOD	105.33	<LOD	<LOD	45267.15	<LOD	<LOD	23811.26	<LOD	822	27	16	<LOD	<LOD	<LOD	<LOD	19.04	<LOD	28914	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	1776.13	<LOD	<LOD	<LOD	132	281.06
Butler 3	Niton XRF	BP12-CU12	ppm	181	181.1	887464.81	<LOD	<LOD	<LOD	<LOD	281	<LOD	18585.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46858.99	<LOD	<LOD	41841.92	<LOD	1174	<LOD	<LOD	<LOD	<LOD	73	<LOD	46.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	<LOD	2639.47	<LOD	<LOD	<LOD	248	269.12
Butler 3	Niton XRF	BP12-CU12	ppm	182	182.1	883187.13	<LOD	<LOD	<LOD	<LOD	191	<LOD	5329.74	<LOD	<LOD	<LOD	118.44	<LOD	<LOD	64100.44	<LOD	<LOD	26656.61	<LOD	1527	<LOD	20	<LOD	<LOD	66	<LOD	19.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	1919.1	<LOD	284.98	<LOD	1955	275.74
Butler 3	Niton XRF	BP12-CU12	ppm	183	183.1	893526.81	<LOD	<LOD	<LOD	<LOD	386	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54252.33	<LOD	<LOD	42473.77	<LOD	4030	<LOD	25	<LOD	<LOD	96	<LOD	20.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	2310.86	<LOD	202.36	<LOD	169	376.85
Butler 3	Niton XRF	BP12-CU12	ppm	184	184.1	860957.69	<LOD	<LOD	<LOD	<LOD	426	<LOD	8104.53	<LOD	<LOD	<LOD	<LOD	<LOD	257	76067.94	<LOD	<LOD	27807.35	<LOD	665	<LOD	22	<LOD	<LOD	134	<LOD	33.65	<LOD	18085	<LOD	<LOD	<LOD	<LOD	<LOD	144	<LOD	<LOD	<LOD	6418.21	<LOD	<LOD	<LOD	407	273.86
Butler 3	Niton XRF	BP12-CU12	ppm	185	185.1	858532.25	<LOD	<LOD	<LOD	<LOD	251	<LOD	1996.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113508.42	<LOD	<LOD	16240.55	<LOD	5060	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	2997.32	<LOD	<LOD	<LOD	828	260.15
Butler 3	Niton XRF	BP12-CU12	ppm	186	186.1	873944	<LOD	<LOD	<LOD	<LOD	434	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72598.22	<LOD	<LOD	39024.3	<LOD	917	<LOD	22	<LOD	<LOD	122	<LOD	26.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127	<LOD	<LOD	<LOD	1798.83	<LOD	239.84	<LOD	1098	306.38
Butler 3	Niton XRF	BP12-CU12	ppm	187	187.1	906093.63	<LOD	<LOD	<LOD	<LOD	243	<LOD	1331.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72498.11	<LOD	<LOD	12279.88	<LOD	539	<LOD	33	<LOD	<LOD	<LOD	<LOD	10.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93	<LOD	<LOD	<LOD	2361.55	<LOD	192.53	<LOD	3597	323.48
Butler 3	Niton XRF	BP12-CU12	ppm	188	188.1	911216.06	<LOD	<LOD	<LOD	<LOD	283	<LOD	1941.79	<LOD	<LOD	<LOD	104.52	<LOD	<LOD	73106.29	<LOD	<LOD	8602.44	<LOD	1607	<LOD	26	<LOD	<LOD	<LOD	<LOD	5.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	2029.67	<LOD	<LOD	<LOD	352	294.34
Butler 3	Niton XRF	BP12-CU12	ppm	189	189.1	907499.44	<LOD	<LOD	<LOD	<LOD	282	<LOD	1808.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70481.71	<LOD	<LOD	15771.99	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	13.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	2860.15	<LOD	<LOD	<LOD	376	346.51
Butler 3	Niton XRF	BP12-CU12	ppm	190	190.1	778364.63	<LOD	<LOD	<LOD	<LOD	631	<LOD	9403.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181058.31	<LOD	<LOD	19607.39	<LOD	4877	<LOD	23	<LOD	<LOD	<LOD	<LOD	7.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	151	<LOD	<LOD	<LOD	2891.13	<LOD	<LOD	<LOD	1927	512.19
Butler 3	Niton XRF	BP12-CU12	ppm	191	191.1	908287.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1323.99	<LOD	<LOD	<LOD	106.49	<LOD	<LOD	81793.86	<LOD	<LOD	4118.22	<LOD	1893	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	1424.94	<LOD	<LOD	<LOD	370	334.83
Butler 3	Niton XRF	BP12-CU12	ppm	192	192.1	776349.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	153	110261.84	<LOD	<LOD	26457.77	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	16.15	<LOD	83132	<LOD	<LOD	<LOD	<LOD	<LOD	302	<LOD	<LOD	<LOD	1528.34	<LOD	<LOD	<LOD	120	217.8
Butler 3	Niton XRF	BP12-CU12	ppm	193	193.1	753849.94	<LOD	<LOD	<LOD	<LOD	189	<LOD	3071.01	<LOD	<LOD	<LOD	<LOD	<LOD	268	139094.8	<LOD	<LOD	15698.93	<LOD	1971	<LOD	19	<LOD	<LOD	41	<LOD	8.46	<LOD	82723	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	1679.44	<LOD	<LOD	<LOD	538	321.27
Butler 3	Niton XRF	BP12-CU12	ppm	193.8	193.9	900833.19	<LOD	<LOD	<LOD	<LOD	243	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79225.91	<LOD	<LOD	13504.93	<LOD	539	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	1703.35	<LOD	<LOD	<LOD	1757	300.54
Butler 3	Niton XRF	BP13-CU20	ppm	11	11.05	915973.81	<LOD		<LOD	<LOD		29.33	32329.73	<LOD		<LOD	88.67		<LOD	44138.75	<LOD	<LOD	3665.3		239.94	<LOD	25.48	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	792.93	<LOD		<LOD	1983.63	<LOD	172.23	<LOD	34.37	274.76
Butler 3	Niton XRF	BP13-CU20	ppm	12	12.1	934279.19	<LOD		<LOD		<LOD	<LOD	19104.92	<LOD		<LOD	107.41		<LOD	38688.99			4118.81		<LOD	<LOD	16.83	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	708.92				2063.01		<LOD	<LOD	<LOD	198.48
Butler 3	Niton XRF	BP13-CU20	ppm	13	13.1	935664.38	<LOD		<LOD		<LOD	<LOD	15310.2	<LOD		<LOD	128.89		<LOD	34977.79			10756.19		<LOD	<LOD	21.91	<LOD		<LOD	<LOD	5.81		<LOD	<LOD		<LOD		<LOD	608.62				1577.71		<LOD	<LOD	<LOD	176.78
Butler 3	Niton XRF	BP13-CU20	ppm	14	14.1	918716.06	<LOD		<LOD		<LOD	<LOD	45221.93	<LOD		<LOD	117.19		<LOD	30333.44			2434.37		<LOD	<LOD	20.16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	690.17				1460.09		<LOD	<LOD	<LOD	278.45
Butler 3	Niton XRF	BP13-CU20	ppm	14	14.05	904748.81	<LOD		14.96	<LOD		13.01	49876.29	<LOD		<LOD	200.99		<LOD	36007.66	<LOD	<LOD	4930.31		388.75	<LOD	24.59	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	683.36	<LOD		<LOD	2575.79	<LOD	175.64	<LOD	31.72	250.2
Butler 3	Niton XRF	BP13-CU20	ppm	15	15.1	922036.69	<LOD		<LOD		<LOD	<LOD	35097.05	<LOD		<LOD	113.31		<LOD	30913.6			8006.52		<LOD	<LOD	23.32	<LOD		<LOD	<LOD	9.39		<LOD	<LOD		<LOD		<LOD	648.48				2300.29		<LOD	<LOD	<LOD	307.09
Butler 3	Niton XRF	BP13-CU20	ppm	16	16.1	955168.44	<LOD		<LOD		<LOD	<LOD	9280.09	<LOD		<LOD	107.22		<LOD	28209.7			3501.96		<LOD	<LOD	18.65	<LOD		<LOD	<LOD	4.06		<LOD	<LOD		<LOD		<LOD	311.44				2802.96		<LOD	<LOD	<LOD	217.79
Butler 3	Niton XRF	BP13-CU20	ppm	17	17.1	946100.31	<LOD		<LOD		<LOD	<LOD	18876.67	<LOD		<LOD	89.54		<LOD	29399.44			2946.19		<LOD	<LOD	19.37	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	692.33				1227.13		<LOD	<LOD	<LOD	281.68
Butler 3	Niton XRF	BP13-CU20	ppm	17	17.05	935084.44	<LOD		<LOD	<LOD		<LOD	26890.34	<LOD		<LOD	166.42		<LOD	29482.13	<LOD	<LOD	5462.32		<LOD	<LOD	18.55	<LOD		<LOD	<LOD	2.94	<LOD	<LOD	<LOD		<LOD		<LOD	708.32	<LOD		<LOD	1842.1	<LOD	111.49	<LOD	39.27	183.83
Butler 3	Niton XRF	BP13-CU20	ppm	18	18.1	957709.88	<LOD		<LOD		<LOD	<LOD	22175.66	<LOD		<LOD	140.53		<LOD	12864.96			3762.52		<LOD	<LOD	28.15	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	754.85				1860.53		<LOD	<LOD	<LOD	203.41
Butler 3	Niton XRF	BP13-CU20	ppm	19	19.1	947545.19	<LOD		<LOD		<LOD	<LOD	7251.87	<LOD		<LOD	95.35		<LOD	38807.82			3342.66		418.41	<LOD	20.05	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	325.04				1664.12		<LOD	<LOD	<LOD	329.13
Butler 3	Niton XRF	BP13-CU20	ppm	20	20.1	927546.25	<LOD		<LOD		158.96	34	5398.3	<LOD		<LOD	109.41		<LOD	55822.56			6442.68		467.36	<LOD	45.36	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	319.28				2769.88		<LOD	<LOD	<LOD	593.1
Butler 3	Niton XRF	BP13-CU20	ppm	20	20.05	913516.19	<LOD		<LOD	<LOD		<LOD	14189.39	<LOD		<LOD	158.06		<LOD	61960.91	<LOD	<LOD	6223.94		333.74	<LOD	19.68	<LOD		<LOD	<LOD	4.96	<LOD	<LOD	<LOD		<LOD		<LOD	229.54	<LOD		<LOD	2685.11	<LOD	162.98	<LOD	46.38	176.87
Butler 3	Niton XRF	BP13-CU20	ppm	21	21.1	943445.69	<LOD		<LOD		<LOD	<LOD	12811.2	<LOD		<LOD	96.51		<LOD	35546.81			4358.53		481.5	<LOD	26.86	<LOD		<LOD	<LOD	4.9		<LOD	<LOD		<LOD		<LOD	396.78				2338.97		<LOD	<LOD	<LOD	274.44
Butler 3	Niton XRF	BP13-CU20	ppm	22	22.1	898668	<LOD		<LOD		<LOD	<LOD	33352.22	<LOD		<LOD	<LOD		<LOD	62706.8			2699.31		500.9	<LOD	19.74	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	389.59				1125		<LOD	<LOD	65.78	204.61
Butler 3	Niton XRF	BP13-CU20	ppm	23	23.1	949040.5	<LOD		<LOD		<LOD	<LOD	10555.3	<LOD		<LOD	117.68		<LOD	33716.68			3290.54		497.14	<LOD	32.62	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	391.6				1636.64		<LOD	<LOD	<LOD	459.98
Butler 3	Niton XRF	BP13-CU20	ppm	23	23.05	928515.19	<LOD		<LOD	<LOD		<LOD	34018.61	<LOD		<LOD	128.49		<LOD	27787.83	<LOD	<LOD	5769.6		198.4	<LOD	20.74	<LOD		<LOD	<LOD	4.16	<LOD	<LOD	<LOD		<LOD		<LOD	584.22	<LOD		<LOD	2509.69	<LOD	147.72	<LOD	<LOD	299.28
Butler 3	Niton XRF	BP13-CU20	ppm	24	24.1	944635.63	<LOD		<LOD		<LOD	<LOD	18325.91	<LOD		<LOD	86.93		<LOD	31765.47			1731.2		<LOD	<LOD	20.37	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	630.84				2130.1		<LOD	<LOD	<LOD	276.74
Butler 3	Niton XRF	BP13-CU20	ppm	25	25.1	934018.69	<LOD		<LOD		<LOD	<LOD	19203.45	<LOD		<LOD	<LOD		<LOD	41454.7			2161.7		<LOD	<LOD	29.48	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	708.15				1618.65		<LOD	<LOD	<LOD	230.45
Butler 3	Niton XRF	BP13-CU20	ppm	26	26.1	959250.44	<LOD		<LOD		<LOD	<LOD	19196.53	<LOD		<LOD	128.82		<LOD	16968.69			1815.34		<LOD	<LOD	16.55	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	691.41				1197.61		125.59	<LOD	<LOD	322.27
Butler 3	Niton XRF	BP13-CU20	ppm	26	26.05	936104.5	<LOD		<LOD	<LOD		<LOD	27691.66	<LOD		<LOD	133.94		<LOD	30706.82	<LOD	<LOD	1402.21		<LOD	<LOD	22.12	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	752.55	<LOD		<LOD	2665.8	<LOD	111.07	<LOD	<LOD	229.44
Butler 3	Niton XRF	BP13-CU20	ppm	27	27.1	941357.44	<LOD		<LOD		<LOD	<LOD	16623.83	<LOD		<LOD	109.98		<LOD	34435.94			4040.9		<LOD	<LOD	15.16	<LOD		<LOD	<LOD	5.26		<LOD	<LOD		<LOD		<LOD	548.29				1911.16		<LOD	<LOD	63.73	366.92
Butler 3	Niton XRF	BP13-CU20	ppm	28	28.1	873157.63	<LOD		<LOD		<LOD	<LOD	42412.63	<LOD		<LOD	<LOD		<LOD	81836.33			<LOD		1233.64	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	249.38				573.88		156.75	<LOD	103.41	62.39
Butler 3	Niton XRF	BP13-CU20	ppm	29	29.1	947599.81	<LOD		<LOD		<LOD	<LOD	18387.06	<LOD		<LOD	78.93		<LOD	29824.36			1760.92		<LOD	<LOD	22.26	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	551.51				1237.79		<LOD	<LOD	<LOD	306.16
Butler 3	Niton XRF	BP13-CU20	ppm	29	29.05	930253.06	<LOD		<LOD	<LOD		<LOD	19738.65	<LOD		<LOD	139.2		<LOD	42684.66	<LOD	<LOD	3587.06		<LOD	11.23	19.84	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	456.54	<LOD		<LOD	2419.21	<LOD	102.73	<LOD	28.95	408.95
Butler 3	Niton XRF	BP13-CU20	ppm	30	30.1	952492.06	<LOD		<LOD		<LOD	<LOD	23676.08	<LOD		<LOD	111.98		<LOD	19000.64			1890.38		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	623.29				1332.79		100.52	<LOD	<LOD	218.26
Butler 3	Niton XRF	BP13-CU20	ppm	31	31.1	942975.94	<LOD		<LOD		<LOD	<LOD	19055.62	<LOD		<LOD	127.87		<LOD	31978.97			1827.93		<LOD	<LOD	25.26	<LOD		<LOD	<LOD	4.53		<LOD	<LOD		<LOD		<LOD	585.08				2667.9		152.4	<LOD	<LOD	356.6
Butler 3	Niton XRF	BP13-CU20	ppm	32	32.1	954267.38	<LOD		<LOD		<LOD	<LOD	15878.65	<LOD		<LOD	87.4		<LOD	21263.4			5186.66		<LOD	<LOD	16.41	<LOD		<LOD	<LOD	4.09		<LOD	<LOD		<LOD		<LOD	536.76				1900.73		136.18	<LOD	<LOD	364.16
Butler 3	Niton XRF	BP13-CU20	ppm	32	32.05	934199.25	<LOD		<LOD	<LOD		12.51	31706.46	<LOD		<LOD	120.62		<LOD	22984.83	<LOD	<LOD	7314.32		230.81	<LOD	30.29	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	499.43	<LOD		<LOD	2424.85	<LOD	218.69	<LOD	27.5	181.59
Butler 3	Niton XRF	BP13-CU20	ppm	33	33.1	957995	<LOD		<LOD		<LOD	<LOD	22351.89	<LOD		<LOD	128.48		<LOD	13743.08			2000.36		<LOD	<LOD	28.42	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	763.14				2303.97		<LOD	<LOD	<LOD	224.79
Butler 3	Niton XRF	BP13-CU20	ppm	34	34.1	926396.56	<LOD		<LOD		<LOD	<LOD	9546.47	<LOD		<LOD	<LOD		<LOD	58593.79			<LOD		544.99	<LOD	20.82	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	234.52				2970.51		<LOD	<LOD	79.96	304.61
Butler 3	Niton XRF	BP13-CU20	ppm	35	35.1	933329.88	<LOD		<LOD		<LOD	<LOD	19432.93	<LOD		<LOD	150.64		<LOD	42140.56			1895.9		<LOD	<LOD	31.21	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	551.35				1640.87		130.23	<LOD	<LOD	272.52
Butler 3	Niton XRF	BP13-CU20	ppm	35	35.05	908138.81	<LOD		<LOD	<LOD		14.92	32352.82	<LOD		<LOD	166.88		<LOD	52737.74	<LOD	<LOD	2664.49		339.53	<LOD	26.51	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	525.22	<LOD		<LOD	2631.16	<LOD	119.38	<LOD	38.59	243.9
Butler 3	Niton XRF	BP13-CU20	ppm	36	36.1	915768.56	<LOD		<LOD		285.98	<LOD	18212.28	<LOD		<LOD	109.01		<LOD	46661.75			16197.26		<LOD	<LOD	27.22	<LOD		<LOD	<LOD	12.59		<LOD	<LOD		<LOD		<LOD	226.61				1719.18		<LOD	<LOD	<LOD	217.96
Butler 3	Niton XRF	BP13-CU20	ppm	37	37.1	940602.25	<LOD		<LOD		<LOD	<LOD	10659.41	<LOD		<LOD	91.72		<LOD	39574.05			5703.02		<LOD	<LOD	21.17	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	363.03				2192.72		<LOD	<LOD	<LOD	327.28

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP13-CU20	ppm	38	38.1	939518.44	<LOD		<LOD		<LOD	<LOD	18456.49	<LOD		<LOD	91.28		<LOD	36070.4			3069.5		<LOD	<LOD	20.88	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	653.68				1479.35		<LOD	<LOD	<LOD	139.15
Butler 3	Niton XRF	BP13-CU20	ppm	38	38.05	940160.75	<LOD		<LOD	<LOD		9.54	18042.13	<LOD		<LOD	73.89		<LOD	37187.09	<LOD	<LOD	1482.28		280.42	<LOD	20.04	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	131.35	<LOD		<LOD	1771.25	<LOD	77.38	<LOD	18.22	182.99
Butler 3	Niton XRF	BP13-CU20	ppm	39	39.1	933340.69	<LOD		<LOD		<LOD	<LOD	19394.33	<LOD		<LOD	127.92		<LOD	40937.14			2820.53		<LOD	<LOD	18.62	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	630.46				1827.91		135	<LOD	<LOD	443.35
Butler 3	Niton XRF	BP13-CU20	ppm	40	40.1	938508.31	<LOD		<LOD		<LOD	<LOD	17385.48	<LOD		<LOD	77.56		<LOD	34175.66			5411.09		<LOD	<LOD	34.86	<LOD		<LOD	<LOD	5.03		<LOD	<LOD		<LOD		<LOD	612.29				3011.17		<LOD	<LOD	<LOD	464.9
Butler 3	Niton XRF	BP13-CU20	ppm	41	41.1	915133.13	<LOD		<LOD		<LOD	<LOD	20426.51	<LOD		<LOD	<LOD		<LOD	59773.68			<LOD		699.45	<LOD	23.74	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	185.36				1500.41		<LOD	<LOD	<LOD	307
Butler 3	Niton XRF	BP13-CU20	ppm	41	41.05	926297.63	<LOD		<LOD	<LOD		12.75	21160.93	<LOD		<LOD	125.41		<LOD	34674.03	<LOD	<LOD	12861.8		472.89	<LOD	26.45	<LOD		<LOD	<LOD	6.41	<LOD	<LOD	<LOD		<LOD		<LOD	377.57	<LOD		<LOD	3525.33	<LOD	138.84	<LOD	32.24	287.72
Butler 3	Niton XRF	BP13-CU20	ppm	42	42.1	958606.5	<LOD		<LOD		<LOD	<LOD	16342.63	<LOD		<LOD	126.05		<LOD	18341.83			3288.23		<LOD	<LOD	40.75	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	563.6				1932.48		<LOD	<LOD	60.44	278.58
Butler 3	Niton XRF	BP13-CU20	ppm	43	43.1	948660.88	<LOD		<LOD		<LOD	<LOD	12456.43	<LOD		<LOD	96.34		<LOD	29665.68			5791.99		<LOD	<LOD	26.8	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	431.08				2195.29		<LOD	<LOD	<LOD	237.25
Butler 3	Niton XRF	BP13-CU20	ppm	44	44.1	938526	<LOD		<LOD		<LOD	<LOD	13437.13	<LOD		<LOD	95.05		<LOD	41306.93			3473.73		<LOD	<LOD	16.66	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	507.04				1763.96		<LOD	<LOD	<LOD	313
Butler 3	Niton XRF	BP13-CU20	ppm	44	44.05	939248.94	<LOD		<LOD	<LOD		<LOD	14287.4	<LOD		<LOD	95.71		<LOD	36608.09	<LOD	<LOD	6917.94		164.5	10.54	18.64	<LOD		<LOD	<LOD	3.58	<LOD	<LOD	<LOD		<LOD		<LOD	99.09	<LOD		<LOD	1869.16	<LOD	92.47	<LOD	<LOD	138.57
Butler 3	Niton XRF	BP13-CU20	ppm	45	45.1	919544.44	<LOD		<LOD		210.91	<LOD	14738.34	<LOD		<LOD	<LOD		<LOD	53305.83			9327.91		533.33	<LOD	<LOD	<LOD		<LOD	<LOD	4		<LOD	<LOD		<LOD		<LOD	201.98				1469.11		<LOD	<LOD	55.82	260.89
Butler 3	Niton XRF	BP13-CU20	ppm	46	46.1	954872.31	<LOD		<LOD		161.35	<LOD	7130.44	<LOD		<LOD	101.78		<LOD	21051.97			12708.36		<LOD	<LOD	29.42	<LOD		<LOD	<LOD	9.57		<LOD	<LOD		<LOD		<LOD	326.5				3018.25		<LOD	<LOD	<LOD	120.9
Butler 3	Niton XRF	BP13-CU20	ppm	47	47.1	954234.38	<LOD		<LOD		<LOD	<LOD	16090.87	<LOD		<LOD	99.78		<LOD	23771.91			3407.37		<LOD	<LOD	18.12	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	652.61				1117.17		<LOD	<LOD	<LOD	199.27
Butler 3	Niton XRF	BP13-CU20	ppm	47	47.05	940517.94	<LOD		<LOD	<LOD		11.25	16472.87	<LOD		<LOD	78.72		<LOD	35496.26	<LOD	<LOD	4370.27		229.95	14.09	16.64	<LOD		<LOD	<LOD	2.28	<LOD	<LOD	<LOD		<LOD		<LOD	109.1	<LOD		<LOD	1847.34	<LOD	83.99	<LOD	30.98	220.75
Butler 3	Niton XRF	BP13-CU20	ppm	48	48.1	951351	<LOD		<LOD		<LOD	<LOD	7480.16	<LOD		<LOD	<LOD		<LOD	30383.1			7619.48		<LOD	<LOD	17.81	<LOD		<LOD	<LOD	7.34		<LOD	<LOD		<LOD		<LOD	317.57				1997		<LOD	<LOD	<LOD	256.38
Butler 3	Niton XRF	BP13-CU20	ppm	49	49.1	931473.63	<LOD		<LOD		147.29	<LOD	13391.85	<LOD		<LOD	<LOD		<LOD	42392.57			9060.01		402.13	<LOD	18.42	<LOD		<LOD	<LOD	7.11		<LOD	<LOD		<LOD		<LOD	380.31				1906.56		155.27	<LOD	<LOD	439.48
Butler 3	Niton XRF	BP13-CU20	ppm	50	50.1	908197.5	<LOD		<LOD		473.23	<LOD	<LOD	<LOD		<LOD	142.44		<LOD	61724.04			24978.81		<LOD	<LOD	26.8	<LOD		<LOD	<LOD	16.23		<LOD	<LOD		<LOD		<LOD	59.75				2303.93		166.55	<LOD	72.63	456.07
Butler 3	Niton XRF	BP13-CU20	ppm	50	50.05	915805.44	<LOD		<LOD	<LOD		<LOD	3677.5	<LOD		<LOD	<LOD		<LOD	59034.54	<LOD	<LOD	18499.38		419.11	13.51	20.31	<LOD		<LOD	<LOD	9.66	<LOD	<LOD	<LOD		<LOD		<LOD	115.81	<LOD		<LOD	1713.18	<LOD	230.68	<LOD	61.33	313.66
Butler 3	Niton XRF	BP13-CU20	ppm	51	51.1	922780	<LOD		<LOD		211.18	<LOD	5056.69	<LOD		<LOD	152.18		<LOD	55757.75			12297.75		<LOD	<LOD	20.13	<LOD		<LOD	<LOD	7.98		<LOD	<LOD		<LOD		<LOD	221.52				2676.2		<LOD	<LOD	<LOD	253.61
Butler 3	Niton XRF	BP13-CU20	ppm	52	52.1	920914.75	<LOD		<LOD		256.03	<LOD	7897.72	<LOD		<LOD	100.89		<LOD	53375.94			13460.52		469.71	<LOD	26.32	<LOD		<LOD	<LOD	11.13		<LOD	<LOD		<LOD		<LOD	319.99				2496		<LOD	<LOD	<LOD	303.94
Butler 3	Niton XRF	BP13-CU20	ppm	53	53.1	899004.19	<LOD		<LOD		381.38	<LOD	6743.35	<LOD		<LOD	<LOD		<LOD	76090.61			14118.17		<LOD	<LOD	28.3	<LOD		<LOD	<LOD	10.19		<LOD	<LOD		<LOD		<LOD	162.11				2323.62		<LOD	<LOD	106.07	401.62
Butler 3	Niton XRF	BP13-CU20	ppm	53	53.05	919364.88	<LOD		10.39	<LOD		<LOD	3149.08	<LOD		<LOD	126.62		53.75	57208.29	<LOD	<LOD	17501.01		242.65	9.16	17.81	<LOD		<LOD	<LOD	10.64	<LOD	<LOD	<LOD		<LOD		<LOD	32.99	<LOD		<LOD	1789.15	<LOD	144.97	<LOD	25.63	301.16
Butler 3	Niton XRF	BP13-CU20	ppm	54	54.1	935963.13	<LOD		<LOD		<LOD	<LOD	16535.74	<LOD		<LOD	111.9		<LOD	37877.75			6304.26		427.96	<LOD	24.06	<LOD		<LOD	<LOD	5.15		<LOD	<LOD		<LOD		<LOD	473.67				1621.85		157.03	<LOD	<LOD	316.69
Butler 3	Niton XRF	BP13-CU20	ppm	55	55.1	922985.69	<LOD		<LOD		<LOD	<LOD	32262.75	<LOD		<LOD	<LOD		<LOD	34749.54			6478.77		435.99	<LOD	22.46	<LOD		<LOD	<LOD	9.2		<LOD	<LOD		<LOD		<LOD	495.73				2024.06		<LOD	<LOD	<LOD	336.06
Butler 3	Niton XRF	BP13-CU20	ppm	56	56.1	950686.44	<LOD		<LOD		<LOD	<LOD	18491.57	<LOD		<LOD	83.69		<LOD	23134.34			4922.32		<LOD	<LOD	23.07	<LOD		<LOD	<LOD	4.81		<LOD	<LOD		<LOD		<LOD	577.97				1485.2		<LOD	<LOD	<LOD	264.16
Butler 3	Niton XRF	BP13-CU20	ppm	56	56.05	960326.25	<LOD		17.37	<LOD		14.96	12634.07	<LOD		<LOD	166.68		<LOD	20100.63	<LOD	<LOD	3265.6		140.59	<LOD	27.09	<LOD		<LOD	<LOD	2.63	<LOD	<LOD	<LOD		<LOD		<LOD	110.96	<LOD		<LOD	1864.39	<LOD	<LOD	<LOD	68.57	364.59
Butler 3	Niton XRF	BP13-CU20	ppm	57	57.1	952559.19	<LOD		<LOD		<LOD	<LOD	18062.66	<LOD		<LOD	78.69		<LOD	23257.47			3713.67		<LOD	<LOD	18.82	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	666.66				1096.4		99.89	<LOD	<LOD	309.49
Butler 3	Niton XRF	BP13-CU20	ppm	58	58.1	927328.63	<LOD		<LOD		239.71	<LOD	23492.29	<LOD		<LOD	104.37		<LOD	32071.05			12384.75		<LOD	<LOD	18.74	<LOD		<LOD	<LOD	9.08		<LOD	<LOD		<LOD		<LOD	549.48				3170.87		148.73	<LOD	<LOD	208.81
Butler 3	Niton XRF	BP13-CU20	ppm	59	59.1	928475.06	<LOD		<LOD		240.01	<LOD	19351.56	<LOD		<LOD	122.58		<LOD	27736.54			18696.83		<LOD	<LOD	29.29	<LOD		<LOD	<LOD	13.32		<LOD	<LOD		<LOD		<LOD	559.68				3992.3		209.57	<LOD	<LOD	238.48
Butler 3	Niton XRF	BP13-CU20	ppm	59	59.05	910252.56	<LOD		<LOD	<LOD		16.19	40517.53	<LOD		<LOD	145.98		<LOD	26676.99	<LOD	<LOD	16959.33		297.09	<LOD	24.47	<LOD		<LOD	<LOD	11.48	<LOD	<LOD	<LOD		<LOD		<LOD	531.26	<LOD		<LOD	3852.49	<LOD	266.56	<LOD	35.14	203.42
Butler 3	Niton XRF	BP13-CU20	ppm	60	60.1	926088.5	<LOD		<LOD		<LOD	<LOD	15427.51	<LOD		<LOD	108.81		<LOD	40576.65			13758.76		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	11.12		<LOD	<LOD		<LOD		<LOD	460.18				2786.95		163.24	<LOD	<LOD	184.71
Butler 3	Niton XRF	BP13-CU20	ppm	61	61.1	922090.13	<LOD		<LOD		<LOD	<LOD	11091.8	<LOD		<LOD	<LOD		<LOD	59285.93			4374.67		667.1	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2126.34		<LOD	<LOD	54.79	146.22
Butler 3	Niton XRF	BP13-CU20	ppm	62	62.1	811296.63	<LOD		<LOD		<LOD	<LOD	21640.62	<LOD		<LOD	<LOD		215.07	139154.52			3561.69		1184.2	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	381.91				5882.77		<LOD	<LOD	154.84	153.95
Butler 3	Niton XRF	BP13-CU20	ppm	62	62.05	841114.75	<LOD		<LOD	<LOD		<LOD	33167.65	<LOD		453.37	<LOD		<LOD	109671.52	<LOD	<LOD	7051.73		958.62	13.35	14.6	<LOD		<LOD	<LOD	10.09	<LOD	<LOD	<LOD		<LOD		<LOD	571.48	<LOD		<LOD	6046.08	<LOD	353.73	<LOD	91.13	146.28
Butler 3	Niton XRF	BP13-CU20	ppm	64	64.1	943577.19	<LOD		<LOD		<LOD	<LOD	18516.63	<LOD		<LOD	114.96		<LOD	28531			5618.75		<LOD	<LOD	14.76	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	547.09				2259.78		<LOD	<LOD	<LOD	198.6
Butler 3	Niton XRF	BP13-CU20	ppm	65	65.1	915617.81	<LOD		<LOD		<LOD	<LOD	7103.84	<LOD		<LOD	<LOD		<LOD	70439.96			<LOD		395.02	<LOD	21.7	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	287.88				3073.8		230.48	<LOD	72.28	155.22
Butler 3	Niton XRF	BP13-CU20	ppm	65	65.05	933892.69	<LOD		<LOD	<LOD		<LOD	35697.43	<LOD		<LOD	113.54		<LOD	24168.74	<LOD	<LOD	2632.57		265.02	<LOD	15.77	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	138.59	<LOD		<LOD	2075.47	<LOD	95.58	<LOD	33.23	221.56
Butler 3	Niton XRF	BP13-CU20	ppm	66	66.1	938879.5	<LOD		<LOD		<LOD	<LOD	24277.19	<LOD		<LOD	75.87		<LOD	28806.4			3791.74		<LOD	<LOD	24.57	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	872.33				2426.97		<LOD	<LOD	<LOD	241.75
Butler 3	Niton XRF	BP13-CU20	ppm	67	67.1	939308.69	<LOD		<LOD		<LOD	<LOD	18770.81	<LOD		<LOD	<LOD		<LOD	28304.34			9007.83		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.9		<LOD	<LOD		<LOD		<LOD	694.76				2874.78		163.08	<LOD	<LOD	212.43
Butler 3	Niton XRF	BP13-CU20	ppm	68	68.1	901023.5	<LOD		<LOD		204.21	<LOD	55651.92	<LOD		<LOD	116.47		<LOD	33968.05			4611.59		667.66	<LOD	<LOD	<LOD		<LOD	<LOD	4.63		<LOD	<LOD		<LOD		<LOD	375.33				2782.22		179.73	<LOD	<LOD	146.85
Butler 3	Niton XRF	BP13-CU20	ppm	68	68.05	938020.88	<LOD		<LOD	<LOD		<LOD	18081.89	<LOD		<LOD	97.27		<LOD	31657.29	<LOD	<LOD	8672.84		167.93	9.36	16.37	<LOD		<LOD	<LOD	7.42	<LOD	<LOD	<LOD		<LOD		<LOD	146.17	<LOD		<LOD	2156.72	<LOD	130.91	<LOD	19.51	197.18
Butler 3	Niton XRF	BP13-CU20	ppm	69	69.1	960784.69	<LOD		<LOD		<LOD	<LOD	14320.64	<LOD		<LOD	90.05		<LOD	15380.25			5596.49		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.15		<LOD	<LOD		<LOD		<LOD	754.87				2388.91		148.94	<LOD	<LOD	228.36
Butler 3	Niton XRF	BP13-CU20	ppm	70	70.1	935380.69	<LOD		<LOD		<LOD	<LOD	19640.33	<LOD		<LOD	82.21		<LOD	36023.12			4593.16		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	4.43		<LOD	<LOD		<LOD		<LOD	635.48				2848.32		154.1	<LOD	<LOD	226.96
Butler 3	Niton XRF	BP13-CU20	ppm	70.5	70.6	780201.44	<LOD		<LOD		274.87	<LOD	67657.41	<LOD		<LOD	<LOD		217.6	131444.69			4471.75		1850.63	<LOD	28.58	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	991.29				11401.54		689.86	<LOD	177.69	173.75
Butler 3	Niton XRF	BP13-CU20	ppm	71	71.1	785687.69	<LOD		<LOD		281.66	<LOD	62611.96	<LOD		<LOD	<LOD		210.51	129780.37			5622.72		2266.81	<LOD	34.89	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	842.4				11402.83		620.38	<LOD	111.05	207.64
Butler 3	Niton XRF	BP13-CU20	ppm	71	71.05	797237.25	<LOD		<LOD	<LOD		<LOD	53772.64	<LOD		538.55	98.78		256.36	127523.02	<LOD	<LOD	4755.61		2195.65	<LOD	29.45	<LOD		<LOD	<LOD	3.35	<LOD	<LOD	<LOD		<LOD		<LOD	925.75	<LOD		<LOD	11453.02	<LOD	687.17	<LOD	154.77	179.28
Butler 3	Niton XRF	BP13-CU20	ppm	72	72.1	944518.69	<LOD		<LOD		<LOD	<LOD	12910.03	<LOD		<LOD	120		<LOD	31682.84			6304.14		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.93		<LOD	<LOD		<LOD		<LOD	830.34				2862.94		168.2	<LOD	<LOD	211.51
Butler 3	Niton XRF	BP13-CU20	ppm	73	73.1	921929.25	<LOD		<LOD		<LOD	<LOD	21717.47	<LOD		<LOD	133.02		<LOD	46453.11			5548.33		432.41	<LOD	<LOD	<LOD		<LOD	<LOD	5.24		<LOD	<LOD		<LOD		<LOD	673.64				2547.83		155.24	<LOD	<LOD	214.62
Butler 3	Niton XRF	BP13-CU20	ppm	74	74.1	912233.06	<LOD		<LOD		230.27	<LOD	14551.97	<LOD		<LOD	<LOD		<LOD	60604.19			9162.52		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	11.3		<LOD	<LOD		<LOD		<LOD	98.08				2360.35		<LOD	<LOD	64.68	149.43
Butler 3	Niton XRF	BP13-CU20	ppm	74	74.05	911395.75	<LOD		<LOD	<LOD		<LOD	16914.02	<LOD		<LOD	133.52		<LOD	36024.24	<LOD	<LOD	30454.33		<LOD	11.72	18.17	<LOD		<LOD	<LOD	16.36	<LOD	<LOD	<LOD		<LOD		<LOD	219.08	<LOD		<LOD	4181.47	<LOD	140	<LOD	26.34	227.21
Butler 3	Niton XRF	BP13-CU20	ppm	75	75.1	942708.56	<LOD		<LOD		<LOD	<LOD	18149.52	<LOD		<LOD	105.48		<LOD	26932.96			7462.8		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5		<LOD	<LOD		<LOD		<LOD	484.64				3238.33		<LOD	<LOD	<LOD	270.18
Butler 3	Niton XRF	BP13-CU20	ppm	76	76.1	932628.56	<LOD		<LOD		361.1	<LOD	9253.86	<LOD		<LOD	81.01		<LOD	34208.34			19617.65		<LOD	<LOD	16.35	<LOD		<LOD	<LOD	9.17		<LOD	<LOD		<LOD		<LOD	310.37				2626.49		191.08	<LOD	<LOD	283.47
Butler 3	Niton XRF	BP13-CU20	ppm	77	77.1	936043.69	<LOD		<LOD		<LOD	<LOD	3527.97	<LOD		<LOD	85.54		<LOD	45726.24			10928.32		<LOD	<LOD	16.37	<LOD		<LOD	<LOD	12.24		<LOD	<LOD		<LOD		<LOD	287.95				2545.3		<LOD	<LOD	<LOD	216.89
Butler 3	Niton XRF	BP13-CU20	ppm	77	77.05	927648.19	<LOD		<LOD	<LOD		<LOD	25353.45	<LOD		<LOD	126.65		<LOD	32209.24	<LOD	<LOD	10218.23		264.21	<LOD	8.67	<LOD		<LOD	<LOD	4.43	<LOD	<LOD	<LOD		<LOD		<LOD	543.03	<LOD		<LOD	3363.49	<LOD	<LOD	<LOD	28.44	131.79
Butler 3	Niton XRF	BP13-CU20	ppm	78	78.1	933570.38	<LOD		<LOD		<LOD	<LOD	24365.11	<LOD		<LOD	79.68		<LOD	34909.92			3369.38		379.82	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	580.27				2320.88		<LOD	<LOD	<LOD	193.95
Butler 3	Niton XRF	BP13-CU20	ppm	79	79.1	930663.75	<LOD		<LOD		<LOD	<LOD	18889.46	<LOD		<LOD	110.61		<LOD	39531.33			6449.22		391.73	<LOD	19.79	<LOD		<LOD	<LOD	5.24		<LOD	<LOD		<LOD		<LOD	531.09				2896.78		<LOD	<LOD	<LOD	234.14
Butler 3	Niton XRF	BP13-CU20	ppm	80	80.1	915887.63	<LOD		<LOD		278.89	<LOD	4715.5	<LOD		<LOD	<LOD		<LOD	60911.64			13848.65		668.5	<LOD	18.62	<LOD		<LOD	<LOD	9.8		<LOD	<LOD		<LOD		<LOD	227.02				2708.7		220.05	<LOD	<LOD	224.8
Butler 3	Niton XRF	BP13-CU20	ppm	80	80.05	892479.38	<LOD		<LOD	<LOD		<LOD	5703.94	<LOD		<LOD	99.26		<LOD	76505.41	<LOD	<LOD	20388.1		538.79	<LOD	17.78	<LOD		<LOD	<LOD	10.61	<LOD	<LOD	<LOD		<LOD		<LOD	78.39	<LOD		<LOD	3669.32	<LOD	216.44	<LOD	46.99	162.43
Butler 3	Niton XRF	BP13-CU20	ppm	81	81.1	937008	<LOD		<LOD		347.64	<LOD	9407.44	<LOD		<LOD	78.25		<LOD	34266.12			15023.77		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.66		<LOD	<LOD		<LOD		<LOD	303.61				2856.73		<LOD	<LOD	<LOD	204.89
Butler 3	Niton XRF	BP13-CU20	ppm	82	82.1	923323.69	<LOD		<LOD		208.03	<LOD	18434.26	<LOD		<LOD	106.84		<LOD	49120.34			5346.54		459.19	<LOD	17.94	<LOD		<LOD	<LOD	4.18		<LOD	<LOD		<LOD		<LOD	454.66				2158.2		<LOD	<LOD	<LOD	151.33
Butler 3	Niton XRF	BP13-CU20	ppm	83	83.1	920952.75	<LOD		<LOD		510.88	<LOD	2921.03	<LOD		<LOD	<LOD		<LOD	51219.69			20960.62		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.65		<LOD	<LOD		<LOD		<LOD	<LOD				2540.97		209.27	<LOD	88.73	176.88
Butler 3	Niton XRF	BP13-CU20	ppm	83	83.05	920084.06	<LOD		<LOD	<LOD		<LOD	6850.78	<LOD		<LOD	91.18		<LOD	43486.08	<LOD	<LOD	25267.21		258.86	<LOD	14.05	<LOD		<LOD	<LOD	13.14	<LOD	<LOD	<LOD		<LOD		<LOD	120.99	<LOD		<LOD	3138.42	<LOD	309.46	<LOD	<LOD	205.3
Butler 3	Niton XRF	BP13-CU20	ppm	84	84.1	911311.25	<LOD		<LOD		<LOD	<LOD	13063.61	<LOD		<LOD	<LOD		<LOD	67737.75			4152.17		689.64	42.72	<LOD	<LOD		<LOD	<LOD	4.54		<LOD	<LOD		<LOD		<LOD	203.68				2225.42		<LOD	<LOD	<LOD	146.35
Butler 3	Niton XRF	BP13-CU20	ppm	85	85.1	856615	<LOD		<LOD		<LOD	<LOD	7715.03	<LOD		<LOD	<LOD		<LOD	126242.96			<LOD		684.14	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	86.52				5597.72		395.79	<LOD	<LOD	121.73
Butler 3	Niton XRF	BP13-CU20	ppm	86	86.1	938599	<LOD		<LOD		204.15	<LOD	11743.21	<LOD		<LOD	76.3		<LOD	36106.75			9770.69		<LOD	<LOD	17.21	<LOD		100.16	<LOD	5.84		<LOD	<LOD		<LOD		<LOD	436.54				2201.66		146.74	<LOD	94.02	140.05
Butler 3	Niton XRF	BP13-CU20	ppm	86	86.05	924319.94	<LOD		<LOD	<LOD		<LOD	16081.32	<LOD		<LOD	91.79		<LOD	35430.75	<LOD	<LOD	18450.9		336.64	<LOD	12.98	<LOD		<LOD	<LOD	9.05	<LOD	<LOD	<LOD		<LOD		<LOD	473.46	<LOD		<LOD	4007.52	<LOD	227.41	<LOD	32.58	206.79
Butler 3	Niton XRF	BP13-CU20	ppm	87	87.1	847604.38	<LOD		<LOD		806.64	<LOD	52583.9	<LOD		<LOD	204.11		<LOD	52503.5			42765.42		723.23	<LOD	<LOD	<LOD		<LOD	<LOD	37.74		<LOD	<LOD		<LOD		<LOD	277.91				1853.84		301.62	<LOD	<LOD	15.31
Butler 3	Niton XRF	BP13-CU20	ppm	88	88.1	899626.44	<LOD		<LOD		<LOD	<LOD	3349.21	<LOD		<LOD	<LOD		<LOD	89911			3494.05		506.18	<LOD	18.97	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2462.81		<LOD	<LOD	67.46	188.77
Butler 3	Niton XRF	BP13-CU20	ppm	89	89.1	915270.19	<LOD		<LOD		176.51	<LOD	3795.94	<LOD		<LOD	<LOD		<LOD	71953.44			5783.73		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2032.87		<LOD	<LOD	<LOD	140.05
Butler 3	Niton XRF	BP13-CU20	ppm	89	89.05	924403.94	<LOD		<LOD	<LOD		<LOD	10639.32	<LOD		<LOD	<LOD		<LOD	52112.96	<LOD	<LOD	7867.83		268.03	<LOD	10.65	<LOD		<LOD	<LOD	2.98	<LOD	<LOD	<LOD		<LOD		<LOD	365.24	<LOD		<LOD	3739.21	<LOD	242.47	<LOD	55.38	253.55
Butler 3	Niton XRF	BP13-CU20	ppm	90	90.1	807127.81	<LOD		<LOD		<LOD	<LOD	51260.15	<LOD		<LOD	<LOD		286.49	127644.21			<LOD		1571.36	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	603.61				4724.2		876.29	<LOD	91.77	44.15
Butler 3	Niton XRF	BP13-CU20	ppm	91	91.1	881969.81	<LOD		<LOD		<LOD	<LOD	12924.89	<LOD		<LOD	<LOD		<LOD	99320.57			<LOD		717.52	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	300.85				2153.85		240.99	<LOD	<LOD	111.73
Butler 3	Niton XRF	BP13-CU20	ppm	92	92.1	845903.63	<LOD		<LOD		264.95	<LOD	41111.77	<LOD		<LOD	240.56		<LOD	99950.96			5628.82		1244.93	<LOD	<LOD	<LOD		<LOD	<LOD	10.28		<LOD	<LOD		<LOD		<LOD	915.28				4104.48		316.34	<LOD	151.73	30.15
Butler 3	Niton XRF	BP13-CU20	ppm	92	92.05	882153.06	<LOD		13.34	<LOD		<LOD	35374.95	<LOD		<LOD	344.82		<LOD	76072.72	<LOD	<LOD	<LOD		816.08	<LOD	10.03	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	406.75	<LOD		<LOD	2553.15	<LOD	326.54	<LOD	77.91	83.04
Butler 3	Niton XRF	BP13-CU20	ppm	93	93.1	797046.88	<LOD		<LOD		<LOD	<LOD	55665.52	<LOD		<LOD	289.06		388.14	141582.44			<LOD		1853.1	<LOD	<LOD	323.86		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	95.3				2083.38		373.56	<LOD	118.01	16.49
Butler 3	Niton XRF	BP13-CU20	ppm	94	94.1	733918.75	<LOD		<LOD		<LOD	<LOD	45929.85	<LOD		<LOD	<LOD		4220.67	154187.02			7786.51		1666.01	<LOD	<LOD	<LOD		<LOD	<LOD	10.89		44641	<LOD		<LOD		<LOD	874.47				4915.33		962.12	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	95	95.1	764385.75	<LOD		<LOD		574.46	<LOD	44849.7	<LOD		<LOD	<LOD		<LOD	155900.89			13834.62		1729.65	<LOD	<LOD	<LOD		<LOD	<LOD	42.77		<LOD	<LOD		<LOD		<LOD	1254.59				15012.3		2170.22	<LOD	76.62	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	95	95.05	767826.06	<LOD		<LOD	<LOD		<LOD	68275.65	<LOD		<LOD	<LOD		<LOD	125994.7	<LOD	<LOD	24983.07		1641.91	<LOD	10.42	<LOD		<LOD	<LOD	39.4	<LOD	<LOD	<LOD		<LOD		<LOD	930	<LOD		<LOD	8012.95	<LOD	1773.76	<LOD	86.75	15.46
Butler 3	Niton XRF	BP13-CU20	ppm	95	95.05	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD		<LOD	<LOD		<LOD	<LOD	<LOD	<LOD			<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD		<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	96	96.1	767727.5	<LOD		<LOD		<LOD	<LOD	66527.73	<LOD		<LOD	<LOD		<LOD	146679.38			<LOD		1647.78	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	432.89				13316.25		1134.05	<LOD	80.44	19.53
Butler 3	Niton XRF	BP13-CU20	ppm	97	97.1	723653.25	<LOD		<LOD		<LOD	<LOD	82362.5	<LOD		<LOD	<LOD		<LOD	171059.86			<LOD		2355.48	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	134.42				14568.88		1478.18	<LOD	163.2	21.03
Butler 3	Niton XRF	BP13-CU20	ppm	98	98.1	810781.94	<LOD		<LOD		<LOD	<LOD	68739.77	<LOD		<LOD	<LOD		<LOD	111130.29			<LOD		1250.03	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	886.79				4045.89		999.85	<LOD	130.18	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	98	98.05	740057.44	<LOD		<LOD	<LOD		<LOD	107553.77	<LOD		653.35	<LOD		<LOD	141043.16	<LOD	<LOD	<LOD		2036.88	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	133.51	<LOD		<LOD	4042.21	<LOD	1562.33	<LOD	244.43	16.97
Butler 3	Niton XRF	BP13-CU20	ppm	99	99.1	793587.56	<LOD		<LOD		<LOD	<LOD	89941.01	<LOD		<LOD	<LOD		<LOD	105997.29			<LOD		1291.71	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1411.67				3891.05		777.69	<LOD	103.27	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	100	100.1	810363.88	<LOD		<LOD		<LOD	<LOD	72600.2	<LOD		<LOD	<LOD		<LOD	110453.31			<LOD		1325.79	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	799.91				1592.74		745.18	<LOD	114.43	30.24
Butler 3	Niton XRF	BP13-CU20	ppm	101	101.1	732646	<LOD		<LOD		353.39	<LOD	20563.85	<LOD		<LOD	<LOD		1135.86	188587.17			9134.76		1543.85	<LOD	<LOD	<LOD		<LOD	<LOD	9.1		35619.46	<LOD		<LOD		<LOD	336.42				7779.92		1553.05	<LOD	100.82	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	101	101.05	799958.81	<LOD		<LOD	<LOD		<LOD	23055.66	<LOD		<LOD	<LOD		274.79	153723.63	<LOD	<LOD	9989.52		1957.92	<LOD	<LOD	<LOD		<LOD	<LOD	7.56	<LOD	<LOD	<LOD		<LOD		<LOD	483.17	<LOD		<LOD	8373.59	<LOD	1696.67	<LOD	347.15	25.7
Butler 3	Niton XRF	BP13-CU20	ppm	102	102.1	798416.69	<LOD		<LOD		<LOD	<LOD	76742.98	<LOD		<LOD	<LOD		<LOD	118549.2			<LOD		1765.54	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	616.33				1399.24		802.67	<LOD	77.28	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	103	103.1	787408.44	<LOD		<LOD		233.69	<LOD	28951.91	<LOD		<LOD	<LOD		<LOD	162252.08			10291.41		2230.98	<LOD	<LOD	<LOD		<LOD	<LOD	9.27		<LOD	<LOD		<LOD		<LOD	640.6				6567.06		1143.22	<LOD	104.17	29.78
Butler 3	Niton XRF	BP13-CU20	ppm	104	104.1	776759.5	<LOD		<LOD		<LOD	<LOD	67156.16	<LOD		<LOD	<LOD		<LOD	137515.63			<LOD		2075.03	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1525.28				12229.73		1475.16	<LOD	124.17	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	104	104.05	736108	<LOD		<LOD	<LOD		<LOD	55148.29	<LOD		<LOD	<LOD		459.17	171924.5	<LOD	<LOD	<LOD		2420.54	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	18409.45	<LOD		<LOD		<LOD	933.08	<LOD		<LOD	13500.92	<LOD	848.63	<LOD	113.63	17.44
Butler 3	Niton XRF	BP13-CU20	ppm	105	105.1	797547	<LOD		<LOD		<LOD	<LOD	80391.83	<LOD		<LOD	<LOD		<LOD	112845.7			<LOD		1328.22	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1054.19				3634.17		908.1	<LOD	120.38	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	106	106.1	806643.13	<LOD		<LOD		<LOD	<LOD	79180.49	<LOD		<LOD	<LOD		<LOD	106060.17			<LOD		1640.82	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1489.85				2120.37		830.29	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	107	107.1	750348.38	<LOD		<LOD		<LOD	<LOD	12030.89	<LOD		<LOD	<LOD		521.78	192377.44			<LOD		1792.37	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		37017.99	<LOD		<LOD		<LOD	198.03				4008.78		1113.95	<LOD	195.36	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	107	107.05	823224.25	<LOD		9.17	<LOD		<LOD	20516.14	<LOD		<LOD	<LOD		<LOD	143093.95	<LOD	<LOD	<LOD		2158.96	<LOD	12.12	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	136	<LOD		<LOD	9416.22	<LOD	812.12	<LOD	124.32	106.97
Butler 3	Niton XRF	BP13-CU20	ppm	108	108.1	822205.69	<LOD		<LOD		<LOD	<LOD	2790.17	<LOD		<LOD	<LOD		233.33	163533.45			<LOD		1862.46	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				4094.38		719.82	<LOD	131.37	16.45
Butler 3	Niton XRF	BP13-CU20	ppm	109	109.1	841135.69	<LOD		<LOD		<LOD	<LOD	9810.28	<LOD		<LOD	<LOD		212.88	141117.17			<LOD		1328.38	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	100.99				3633.63		962.22	<LOD	93.3	23.5
Butler 3	Niton XRF	BP13-CU20	ppm	110	110.1	786536.19	<LOD		<LOD		<LOD	<LOD	1810.94	<LOD		<LOD	<LOD		379.7	179890.88			<LOD		1699.75	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				10158.81		1318.92	<LOD	123.1	28.63
Butler 3	Niton XRF	BP13-CU20	ppm	110	110.05	815881.38	<LOD		<LOD	<LOD		<LOD	6431.28	<LOD		<LOD	<LOD		<LOD	170099.16	<LOD	<LOD	<LOD		1335.74	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3824.92	<LOD	1446.98	<LOD	126.42	40.36
Butler 3	Niton XRF	BP13-CU20	ppm	111	111.1	860162.06	<LOD		<LOD		<LOD	<LOD	17849.84	<LOD		<LOD	239.44		180.56	118088.02			<LOD		1044.28	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	452.52				1061.82		252.87	<LOD	105.58	19.03

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP13-CU20	ppm	113	113.1	706597.5	<LOD		<LOD		<LOD	<LOD	1551.85	<LOD		<LOD	<LOD		496.28	211722.06			15.39		2692.35	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		10790.07	<LOD		<LOD		<LOD	<LOD				2686.92		869.29	<LOD	92.85	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	113	113.05	782545.56	<LOD		<LOD	<LOD		<LOD	14732.18	<LOD		<LOD	<LOD		400.33	169245.09	<LOD	<LOD	<LOD		1028.37	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	19914.7	<LOD		<LOD		<LOD	78.3	<LOD		<LOD	9945.67	<LOD	1344.97	<LOD	160.2	23.47
Butler 3	Niton XRF	BP13-CU20	ppm	114	114.1	785038.81	<LOD		<LOD		<LOD	<LOD	2676.67	<LOD		<LOD	<LOD		357.65	142501.02			17.34		1293.29	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		55487.88	<LOD		<LOD		<LOD	766.08				9884.63		1499.37	<LOD	<LOD	28.59
Butler 3	Niton XRF	BP13-CU20	ppm	115	115.1	815561.81	<LOD		<LOD		<LOD	<LOD	1806.89	<LOD		<LOD	<LOD		311.07	174264.06			10.76		942.92	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2031.86	<LOD		<LOD		<LOD	<LOD				4889.7		1012.15	<LOD	89.16	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	116	116.1	826032.25	<LOD		<LOD		<LOD	<LOD	343.58	<LOD		<LOD	<LOD		145.78	96937.54			44.5		2057.67	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		71680.8	<LOD		<LOD		<LOD	883.56				1379.68		192.46	<LOD	74.2	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	116	116.05	777699.06	<LOD		<LOD	<LOD		<LOD	81660.51	<LOD		<LOD	<LOD		231.16	114837.58	<LOD	<LOD	2947.24		2105.85	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	18332.21	<LOD		<LOD		<LOD	537.42	<LOD		<LOD	1259.02	<LOD	262.2	<LOD	65.68	52.3
Butler 3	Niton XRF	BP13-CU20	ppm	117	117.1	661094.81	<LOD		<LOD		<LOD	<LOD	1743.94	<LOD		<LOD	<LOD		372.11	177195.97			19.84		2341.16	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		111776.54	<LOD		<LOD		<LOD	413.04				5570.05		976.89	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	118	118.1	829545.19	<LOD		<LOD		<LOD	<LOD	799.53	<LOD		<LOD	<LOD		<LOD	154376.05			110		1683.5	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		7025.03	<LOD		<LOD		<LOD	115.29				5765.39		447.86	<LOD	149.66	105.78
Butler 3	Niton XRF	BP13-CU20	ppm	119	119.1	825100.88	<LOD		<LOD		<LOD	<LOD	805.9	<LOD		<LOD	<LOD		<LOD	147598.06			105.92		1724.32	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		17973.1	<LOD		<LOD		<LOD	226.37				5056.42		451.43	<LOD	85.31	89.34
Butler 3	Niton XRF	BP13-CU20	ppm	119	119.05	805748.13	<LOD		<LOD	<LOD		<LOD	66854.9	<LOD		<LOD	<LOD		<LOD	117461.11	<LOD	<LOD	<LOD		1614.38	<LOD	13.15	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	494.18	<LOD		<LOD	6850.42	<LOD	654.28	<LOD	70.28	182.13
Butler 3	Niton XRF	BP13-CU20	ppm	120	120.1	776772.63	<LOD		<LOD		<LOD	<LOD	374.13	<LOD		<LOD	<LOD		<LOD	149745.89			15.31		2774.84	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		62165.42	<LOD		<LOD		<LOD	253.01				2836.24		<LOD	<LOD	78.54	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	121	121.1	848406.44	<LOD		<LOD		<LOD	<LOD	478.61	<LOD		<LOD	<LOD		<LOD	111663.66			3.05		742.68	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		32519.44	<LOD		<LOD		<LOD	650.93				3071.06		268.1	<LOD	95.16	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	122	122.1	798169.81	<LOD		<LOD		<LOD	<LOD	701.92	<LOD		<LOD	<LOD		321.18	144544.7			85.89		1368.27	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		29379.54	<LOD		<LOD		<LOD	473.1				5979.46		393.19	<LOD	<LOD	85.66
Butler 3	Niton XRF	BP13-CU20	ppm	122	122.05	793847.75	<LOD		<LOD	<LOD		<LOD	62604.27	<LOD		<LOD	<LOD		<LOD	130818.77	<LOD	<LOD	<LOD		1175.8	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	604.75	<LOD		<LOD	9511.51	<LOD	654.69	<LOD	189.23	114.74
Butler 3	Niton XRF	BP13-CU20	ppm	123	123.1	803943.38	<LOD		<LOD		<LOD	<LOD	791.47	<LOD		<LOD	371.2		<LOD	123774.75			3.05		1097.3	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		53646.96	<LOD		<LOD		<LOD	1361.42				10241.43		443.35	<LOD	74.44	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	124	124.1	831157	<LOD		<LOD		<LOD	<LOD	353.56	<LOD		<LOD	242.18		<LOD	98952.41			15.55		1395.41	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		61261.23	<LOD		<LOD		<LOD	750.78				4402.28		<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	125	125.1	813907.63	<LOD		<LOD		183.32	<LOD	826.43	<LOD		<LOD	538.57		<LOD	81877.48			3.39		1013.77	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		78129.62	<LOD		<LOD		<LOD	1378.89				19102.96		462.93	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	125	125.05	806624.13	<LOD		<LOD	<LOD		<LOD	96812.34	<LOD		<LOD	228.13		<LOD	80616.18	<LOD	<LOD	3315.66		1314.75	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1215.75	<LOD		<LOD	8885.94	<LOD	475.76	<LOD	75.81	22.07
Butler 3	Niton XRF	BP13-CU20	ppm	126	126.1	852311.69	<LOD		<LOD		<LOD	<LOD	656.69	<LOD		<LOD	<LOD		<LOD	116880.78			10.82		1354.8	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		19823.7	<LOD		<LOD		<LOD	47.65				7872.13		367.85	<LOD	93	14.21
Butler 3	Niton XRF	BP13-CU20	ppm	127	127.1	833690.25	<LOD		<LOD		<LOD	<LOD	555	<LOD		<LOD	3129.93		<LOD	136304.95			5.46		2661.96	<LOD	<LOD	732.83		<LOD	<LOD	<LOD		18465.42	<LOD		<LOD		<LOD	<LOD				1097.85		310.89	<LOD	161.41	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	128	128.1	778229.69	<LOD		<LOD		<LOD	<LOD	1292.15	<LOD		<LOD	<LOD		<LOD	137855.14			20.71		2378.76	<LOD	<LOD	300.93		<LOD	<LOD	12.82		63636.46	<LOD		<LOD		<LOD	120.25				3895.85		723.81	<LOD	118.36	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	128	128.05	784997.38	<LOD		<LOD	<LOD		<LOD	55100.74	<LOD		<LOD	247.43		<LOD	107956.14	<LOD	<LOD	46017.5		2366.23	<LOD	<LOD	<LOD		<LOD	<LOD	40.7	<LOD	<LOD	<LOD		<LOD		<LOD	275.4	<LOD		<LOD	2409.8	<LOD	486.12	<LOD	86.11	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	129	129.1	989366	<LOD		<LOD		<LOD	<LOD	98.57	<LOD		<LOD	176.86		<LOD	4316.19			4.65		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2366.12	<LOD		<LOD		<LOD	<LOD				1289.95		<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	130	130.1	926828.31	<LOD		<LOD		458.62	<LOD	402.72	<LOD		<LOD	138.09		<LOD	37711.8			318.98		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	10.1		15393.54	<LOD		<LOD		<LOD	1059.79				2307.02		225.59	<LOD	<LOD	122.75
Butler 3	Niton XRF	BP13-CU20	ppm	131	131.1	947957.81	<LOD		<LOD		473.12	<LOD	479.55	<LOD		<LOD	135.96		<LOD	17689.92			300.14		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	10.81		14542.84	<LOD		<LOD		<LOD	1288.31				2652.1		268.63	<LOD	<LOD	132.77
Butler 3	Niton XRF	BP13-CU20	ppm	131	131.05	925580.75	<LOD		<LOD	<LOD		<LOD	20928.45	<LOD		<LOD	182.62		<LOD	33394.08	<LOD	<LOD	15132.17		222.73	<LOD	<LOD	<LOD		<LOD	<LOD	9.47	<LOD	<LOD	<LOD		<LOD		<LOD	831.17	<LOD		<LOD	3158.09	<LOD	286.73	<LOD	71.81	129.84
Butler 3	Niton XRF	BP13-CU20	ppm	132	132.1	933798.31	<LOD		<LOD		<LOD	<LOD	327.53	<LOD		<LOD	87.16		<LOD	29970.76			355.27		<LOD	21.37	<LOD	<LOD		<LOD	<LOD	14.69		13099.25	<LOD		<LOD		<LOD	1724.46				1868.18		183.47	<LOD	<LOD	110.71
Butler 3	Niton XRF	BP13-CU20	ppm	133	133.1	874307	<LOD		<LOD		<LOD	<LOD	243.11	<LOD		<LOD	3398.87		<LOD	84265.84			12.33		688.93	<LOD	<LOD	778.31		<LOD	<LOD	<LOD		33367.85	<LOD		<LOD		<LOD	112.76				1140.08		<LOD	<LOD	182.77	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	134	134.1	905174.44	<LOD		<LOD		886.48	<LOD	443.66	<LOD		<LOD	<LOD		<LOD	64432.71			362.84		607.79	<LOD	<LOD	<LOD		<LOD	<LOD	13.59		8013.62	<LOD		<LOD		<LOD	431.57				1755.38		248.52	<LOD	<LOD	106.24
Butler 3	Niton XRF	BP13-CU20	ppm	134	134.05	925758.19	<LOD		12.92	<LOD		<LOD	39113.05	<LOD		<LOD	155.1		<LOD	21989.06	<LOD	<LOD	8364.28		186.83	<LOD	<LOD	<LOD		<LOD	<LOD	6.63	<LOD	<LOD	<LOD		<LOD		<LOD	1842.34	<LOD		<LOD	2011.57	<LOD	212.33	<LOD	43.23	64.75
Butler 3	Niton XRF	BP13-CU20	ppm	135	135.1	921393.94	<LOD		<LOD		222.74	<LOD	267.44	<LOD		<LOD	135.79		<LOD	60430.03			295.54		498.12	<LOD	<LOD	<LOD		<LOD	<LOD	12.85		4123.03	<LOD		<LOD		<LOD	315.7				2522.28		<LOD	<LOD	<LOD	124.34
Butler 3	Niton XRF	BP13-CU20	ppm	136	136.1	951885.38	<LOD		<LOD		366.85	<LOD	308.85	<LOD		<LOD	100.76		<LOD	21735.18			306.17		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	12.48		8869.25	<LOD		<LOD		<LOD	1023.37				1811.14		173.01	<LOD	<LOD	92.49
Butler 3	Niton XRF	BP13-CU20	ppm	137	137.1	866202.31	<LOD		<LOD		407.18	<LOD	236.99	<LOD		<LOD	<LOD		<LOD	110864.04			236.14		738.77	<LOD	<LOD	<LOD		<LOD	<LOD	10.18		3141.03	<LOD		<LOD		<LOD	80.32				2327.83		<LOD	<LOD	<LOD	91.69
Butler 3	Niton XRF	BP13-CU20	ppm	137	137.05	854885.94	<LOD		<LOD	<LOD		<LOD	2938.38	<LOD		<LOD	<LOD		<LOD	121879.66	<LOD	<LOD	16052.74		689.04	<LOD	9.36	<LOD		<LOD	<LOD	9.1	<LOD	<LOD	<LOD		<LOD		<LOD	82.75	<LOD		<LOD	2674.67	<LOD	542.98	<LOD	107.91	109.75
Butler 3	Niton XRF	BP13-CU20	ppm	138	138.1	904430	<LOD		<LOD		594.72	<LOD	298.36	<LOD		<LOD	<LOD		<LOD	77296.14			386.44		546.21	<LOD	<LOD	<LOD		<LOD	<LOD	9.99		<LOD	<LOD		<LOD		<LOD	59.54				1603.72		<LOD	<LOD	<LOD	103.37
Butler 3	Niton XRF	BP13-CU20	ppm	139	139.1	903416.5	<LOD		<LOD		733.91	<LOD	504.86	<LOD		<LOD	<LOD		<LOD	67898.15			329.74		515.31	<LOD	<LOD	<LOD		<LOD	<LOD	12.46		2654.17	<LOD		<LOD		<LOD	74.62				2839.92		282.8	<LOD	<LOD	156.2
Butler 3	Niton XRF	BP13-CU20	ppm	140	140.1	912975.19	<LOD		<LOD		530.17	<LOD	634.77	<LOD		<LOD	<LOD		<LOD	55490.42			332.33		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	17.45		7702.21	<LOD		<LOD		<LOD	349.75				2576.53		355.58	<LOD	<LOD	142.82
Butler 3	Niton XRF	BP13-CU20	ppm	140	140.05	913461.69	<LOD		<LOD	<LOD		<LOD	15849.51	<LOD		<LOD	135.81		<LOD	32883.43	<LOD	<LOD	32289.39		205.73	<LOD	9.44	<LOD		<LOD	<LOD	16.57	<LOD	<LOD	<LOD		<LOD		<LOD	767.97	<LOD		<LOD	3624.48	<LOD	367.23	<LOD	24.68	129.42
Butler 3	Niton XRF	BP13-CU20	ppm	141	141.1	775036.63	<LOD		<LOD		<LOD	<LOD	1224.62	<LOD		<LOD	<LOD		354.89	183978.17			37.45		1002.8	28.49	<LOD	372.05		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3432.32		685.98	<LOD	121.97	21.44
Butler 3	Niton XRF	BP13-CU20	ppm	142	142.1	905899.06	<LOD		<LOD		<LOD	<LOD	368.22	<LOD		<LOD	<LOD		<LOD	85189.05			11.02		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		6588.92	<LOD		<LOD		<LOD	238.52				544.09		206.26	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	143	143.1	862748.69	<LOD		<LOD		<LOD	<LOD	745.12	<LOD		<LOD	<LOD		<LOD	128826.14			114.88		1168.28	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1090.12	<LOD		<LOD		<LOD	<LOD				4612.2		417.39	<LOD	<LOD	88.38
Butler 3	Niton XRF	BP13-CU20	ppm	143	143.05	833168.63	<LOD		14.52	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	147936.98	<LOD	<LOD	9539.03		954.84	<LOD	9.83	<LOD		<LOD	<LOD	7.98	<LOD	<LOD	<LOD		<LOD		<LOD	102.5	<LOD		<LOD	7254.95	<LOD	771.78	<LOD	222.08	16.91
Butler 3	Niton XRF	BP13-CU20	ppm	144	144.1	866988.13	<LOD		<LOD		431.68	<LOD	665.53	<LOD		<LOD	<LOD		1949.59	96733.39			51.1		910	<LOD	<LOD	<LOD		<LOD	<LOD	39.51		3558.33	<LOD		<LOD		<LOD	94.63				957.24		372.8	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	145	145.1	904072.19	<LOD		<LOD		843.43	<LOD	629.74	<LOD		<LOD	114.48		<LOD	66658.37			355.75		510.96	<LOD	<LOD	<LOD		<LOD	<LOD	11.27		5493.96	<LOD		<LOD		<LOD	148.8				1825.37		352.75	<LOD	<LOD	108.32
Butler 3	Niton XRF	BP13-CU20	ppm	146	146.1	897639	<LOD		<LOD		708.61	<LOD	334.18	<LOD		<LOD	<LOD		<LOD	84043.88			375.34		672.34	<LOD	<LOD	<LOD		<LOD	<LOD	7.57		3202.29	<LOD		<LOD		<LOD	77.4				1561.07		187.19	<LOD	<LOD	97.73
Butler 3	Niton XRF	BP13-CU20	ppm	146	146.05	893181.13	<LOD		<LOD	<LOD		14.94	8077.78	<LOD		<LOD	101.86		<LOD	76392.02	<LOD	<LOD	17761.67		687.51	<LOD	8.32	<LOD		<LOD	<LOD	7.42	<LOD	<LOD	<LOD		<LOD		<LOD	103.95	<LOD		<LOD	2922.37	<LOD	594.61	<LOD	36.6	109.8
Butler 3	Niton XRF	BP13-CU20	ppm	147	147.1	922520.13	<LOD		<LOD		<LOD	<LOD	392.57	<LOD		<LOD	<LOD		<LOD	65243.15			220.69		572.16	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		6598.76	<LOD		<LOD		<LOD	<LOD				2144.96		219.9	<LOD	<LOD	78.96
Butler 3	Niton XRF	BP13-CU20	ppm	148	148.1	925142.75	<LOD		<LOD		888.99	<LOD	439.81	<LOD		<LOD	134.71		<LOD	48347.95			261.85		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	12.75		3635.04	<LOD		<LOD		<LOD	275.71				2826.48		246.36	<LOD	<LOD	123.45
Butler 3	Niton XRF	BP13-CU20	ppm	149	149.1	957991.69	<LOD		<LOD		218.49	<LOD	188.23	<LOD		<LOD	131.39		<LOD	15263.97			443.94		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.58		13682.73	<LOD		<LOD		<LOD	1269.89				1479.1		105.44	<LOD	<LOD	109.53
Butler 3	Niton XRF	BP13-CU20	ppm	149	149.05	938846.19	<LOD		<LOD	<LOD		<LOD	18358.35	<LOD		<LOD	166.51		<LOD	24607.56	<LOD	<LOD	14214.59		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.89	<LOD	<LOD	<LOD		<LOD		<LOD	1292.42	<LOD		<LOD	1970.65	<LOD	175.47	<LOD	30.09	124.33
Butler 3	Niton XRF	BP13-CU20	ppm	150	150.1	921492.75	<LOD		<LOD		1419.09	<LOD	995.46	<LOD		<LOD	156.88		<LOD	34410.98			159.87		<LOD	<LOD	39.64	<LOD		<LOD	<LOD	17.49		4277.34	<LOD		<LOD		<LOD	147.79				7243.83		557.62	<LOD	<LOD	193.17
Butler 3	Niton XRF	BP13-CU20	ppm	151	151.1	940743.44	<LOD		<LOD		235.13	<LOD	349.76	<LOD		<LOD	99.11		<LOD	25306.23			281.78		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.32		21824.59	<LOD		<LOD		<LOD	1776.45				2760.48		195.92	<LOD	<LOD	129.75
Butler 3	Niton XRF	BP13-CU20	ppm	152	152.1	932440.88	<LOD		<LOD		<LOD	<LOD	188.33	<LOD		<LOD	96.58		<LOD	34043.61			438.92		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.51		18096.81	<LOD		<LOD		<LOD	1589.86				1764.37		<LOD	<LOD	<LOD	129.17
Butler 3	Niton XRF	BP13-CU20	ppm	152	152.05	923677.19	<LOD		7.34	<LOD		<LOD	33512.7	<LOD		<LOD	152.9		<LOD	29891.87	<LOD	<LOD	6594.28		180.93	<LOD	7.63	<LOD		<LOD	<LOD	2.93	<LOD	<LOD	<LOD		<LOD		<LOD	2044.39	<LOD		<LOD	3493.54	<LOD	232.88	<LOD	32.17	157.96
Butler 3	Niton XRF	BP13-CU20	ppm	153	153.1	948726.94	<LOD		<LOD		270.98	<LOD	237.32	<LOD		<LOD	148.46		<LOD	18611.7			372.09		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	11.8		15919.29	<LOD		<LOD		<LOD	1251.53				2571.34		132.94	<LOD	<LOD	159.59
Butler 3	Niton XRF	BP13-CU20	ppm	154	154.1	950425.75	<LOD		<LOD		400.47	<LOD	426.3	<LOD		<LOD	89.73		<LOD	12337.47			585.66		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.6		10110.98	<LOD		<LOD		<LOD	679.6				1218.87		238.8	<LOD	<LOD	119.07
Butler 3	Niton XRF	BP13-CU20	ppm	155	155.1	950232.88	<LOD		<LOD		445.48	<LOD	323.02	<LOD		<LOD	147.81		<LOD	17592.77			355.24		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.99		7875.23	<LOD		<LOD		<LOD	643.4				1819.09		180.94	<LOD	<LOD	107.79
Butler 3	Niton XRF	BP13-CU20	ppm	155	155.05	925085.25	<LOD		<LOD	<LOD		18.9	13930.75	<LOD		<LOD	160.13		<LOD	18527.33	<LOD	<LOD	37589.16		<LOD	<LOD	7.65	<LOD		<LOD	<LOD	13.96	<LOD	<LOD	<LOD		<LOD		<LOD	705.56	<LOD		<LOD	3216.03	<LOD	437.18	<LOD	<LOD	152.25
Butler 3	Niton XRF	BP13-CU20	ppm	156	156.1	933520.19	<LOD		<LOD		278.31	<LOD	477.19	<LOD		<LOD	103.25		<LOD	42468.37			315.15		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.81		8545.54	<LOD		<LOD		<LOD	546.19				2106.91		267.3	<LOD	<LOD	110.75
Butler 3	Niton XRF	BP13-CU20	ppm	157	157.1	919192.75	<LOD		<LOD		788.41	<LOD	476.19	<LOD		<LOD	110.99		<LOD	47434.32			187.64		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.98		1914.86	<LOD		<LOD		<LOD	180.63				2758.85		266.74	<LOD	<LOD	86.35
Butler 3	Niton XRF	BP13-CU20	ppm	158	158.1	908100.75	<LOD		<LOD		579.55	<LOD	640.27	<LOD		<LOD	119.4		<LOD	56925.84			167.62		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.37		9841.23	<LOD		<LOD		<LOD	486.93				2691.34		358.65	<LOD	<LOD	75.25
Butler 3	Niton XRF	BP13-CU20	ppm	158	158.05	829557.13	<LOD		<LOD	<LOD		<LOD	2899.72	<LOD		<LOD	185.86		<LOD	95013.27	<LOD	<LOD	62298.81		521.44	<LOD	15.56	<LOD		<LOD	<LOD	30.17	<LOD	<LOD	<LOD		<LOD		<LOD	209.03	<LOD		<LOD	7753.28	<LOD	1132.3	<LOD	86.24	146.2
Butler 3	Niton XRF	BP13-CU20	ppm	158	158.05	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD		<LOD	<LOD		<LOD	<LOD	<LOD	<LOD			<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD		<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	159	159.1	853584.44	<LOD		<LOD		319.59	<LOD	451.07	<LOD		<LOD	<LOD		<LOD	114243.87			145.17		619.66	31.49	<LOD	<LOD		<LOD	<LOD	<LOD		21723.62	<LOD		<LOD		<LOD	1188.64				4306		<LOD	<LOD	75.69	104.27
Butler 3	Niton XRF	BP13-CU20	ppm	160	160.1	938204.25	<LOD		<LOD		<LOD	<LOD	147.83	<LOD		<LOD	116.47		<LOD	22156.71			236.51		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.26		29037.36	<LOD		<LOD		<LOD	2135.66				1986.72		<LOD	<LOD	<LOD	78.38
Butler 3	Niton XRF	BP13-CU20	ppm	161	161.1	837897.56	<LOD		<LOD		572.91	<LOD	728.14	<LOD		<LOD	184.34		<LOD	90610.08			8.61		1341.09	<LOD	<LOD	<LOD		<LOD	<LOD	24.85		46934.91	<LOD		<LOD		<LOD	1179.31				1758.06		407.87	<LOD	161.01	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	161	161.05	845081.94	<LOD		<LOD	<LOD		<LOD	89893.27	<LOD		<LOD	<LOD		<LOD	44172.16	<LOD	<LOD	13502.3		716.62	<LOD	<LOD	<LOD		<LOD	<LOD	11.8	<LOD	<LOD	<LOD		<LOD		<LOD	1714.91	<LOD		<LOD	4291.17	<LOD	330.13	<LOD	44.97	11.61
Butler 3	Niton XRF	BP13-CU20	ppm	162	162.1	782376.94	<LOD		<LOD		<LOD	<LOD	1527.01	<LOD		<LOD	<LOD		<LOD	145855.3			5.65		2459.23	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		53248.67	<LOD		<LOD		<LOD	590.42				11824.54		855.37	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	163	163.1	863625	<LOD		<LOD		233.25	<LOD	312.99	<LOD		<LOD	<LOD		<LOD	65355.93			7.43		1250.85	<LOD	<LOD	<LOD		<LOD	<LOD	12.66		57793.27	<LOD		<LOD		<LOD	1428.93				3156.53		<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	164	164.1	846078.75	<LOD		<LOD		892.24	<LOD	790.49	<LOD		<LOD	167.1		<LOD	94194.73			2.93		2018.7	<LOD	<LOD	<LOD		<LOD	<LOD	31.66		29583.78	<LOD		<LOD		<LOD	1138.84				2045.52		442.8	<LOD	86.43	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	164	164.05	796706.69	<LOD		<LOD	<LOD		<LOD	48208.24	<LOD		<LOD	188.24		<LOD	110577.08	<LOD	<LOD	36008.87		1450.56	<LOD	<LOD	<LOD		<LOD	<LOD	30.92	<LOD	<LOD	<LOD		<LOD		<LOD	1114.53	<LOD		<LOD	4839.59	<LOD	716.72	<LOD	144.33	14.31
Butler 3	Niton XRF	BP13-CU20	ppm	165	165.1	844075.5	<LOD		<LOD		466.93	<LOD	527.96	<LOD		<LOD	<LOD		<LOD	77832.19			80.85		1827.69	<LOD	<LOD	<LOD		<LOD	<LOD	14.33		62921.84	<LOD		<LOD		<LOD	995.15				1102		295.74	<LOD	72.03	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	166	166.1	953999.25	<LOD		<LOD		<LOD	<LOD	169.08	<LOD		<LOD	109.67		<LOD	24085.01			200.52		383.72	<LOD	<LOD	<LOD		<LOD	<LOD	4.69		15722.86	<LOD		<LOD		<LOD	720.77				1844.51		<LOD	<LOD	<LOD	61.69
Butler 3	Niton XRF	BP13-CU20	ppm	167	167.1	924011.94	<LOD		<LOD		960.01	<LOD	679.42	<LOD		<LOD	124.5		<LOD	28259.85			212.13		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	14.87		3483.92	<LOD		<LOD		<LOD	292.24				2222.37		380.59	<LOD	<LOD	78.63
Butler 3	Niton XRF	BP13-CU20	ppm	167	167.05	907810.56	<LOD		<LOD	<LOD		<LOD	5556.87	<LOD		<LOD	166.86		<LOD	33021.03	<LOD	<LOD	49563.13		312.41	<LOD	8.48	<LOD		<LOD	<LOD	17.72	<LOD	<LOD	<LOD		<LOD		<LOD	172.85	<LOD		<LOD	2710.06	<LOD	528.57	<LOD	31.15	92.75
Butler 3	Niton XRF	BP13-CU20	ppm	168	168.1	941308.19	<LOD		<LOD		497.8	<LOD	462.82	<LOD		<LOD	126.21		<LOD	22110.19			519.74		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	8.62		9608.87	<LOD		<LOD		<LOD	776.58				1829.53		259.25	<LOD	62.46	158.61
Butler 3	Niton XRF	BP13-CU20	ppm	169	169.1	931859.75	<LOD		<LOD		1022.14	<LOD	765.62	<LOD		<LOD	203.85		<LOD	28545.12			367.92		<LOD	<LOD	18.47	<LOD		<LOD	<LOD	16.55		6671.95	<LOD		<LOD		<LOD	376.88				2385.28		428.87	<LOD	<LOD	146.38
Butler 3	Niton XRF	BP13-CU20	ppm	170	170.1	943495.69	<LOD		<LOD		862.1	<LOD	670.03	<LOD		<LOD	129.37		<LOD	20928.69			456.57		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.69		4586.91	<LOD		<LOD		<LOD	305.93				1609.75		375.33	<LOD	<LOD	122.59
Butler 3	Niton XRF	BP13-CU20	ppm	170	170.05	923717.44	<LOD		<LOD	<LOD		<LOD	4400.35	<LOD		<LOD	165.24		<LOD	28206.49	<LOD	<LOD	39762.3		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.65	<LOD	<LOD	<LOD		<LOD		<LOD	175.42	<LOD		<LOD	2793.91	<LOD	450.86	<LOD	<LOD	98.61
Butler 3	Niton XRF	BP13-CU20	ppm	171	171.1	885415.06	<LOD		<LOD		<LOD	<LOD	417.71	<LOD		<LOD	<LOD		<LOD	87113.98			273.9		611.59	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		18285.41	<LOD		<LOD		<LOD	611.78				2454.01		233.99	<LOD	70.29	112.11
Butler 3	Niton XRF	BP13-CU20	ppm	172	172.1	756578.44	<LOD		<LOD		<LOD	<LOD	790.32	<LOD		<LOD	476.94		<LOD	161479.73			23.26		3760.74	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		71100.59	<LOD		<LOD		<LOD	59.79				3633.74		442.71	<LOD	111.1	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	173	173.1	863041.44	<LOD		<LOD		475.59	<LOD	308.32	<LOD		<LOD	<LOD		<LOD	87351.98			58.05		1616.47	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		37388.43	<LOD		<LOD		<LOD	1487.15				5466.89		<LOD	<LOD	71.72	52.93
Butler 3	Niton XRF	BP13-CU20	ppm	173	173.05	823077.19	<LOD		10.25	<LOD		<LOD	46795.59	<LOD		<LOD	<LOD		<LOD	126433.18	<LOD	<LOD	<LOD		1833.18	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	611.79	<LOD		<LOD	816.63	<LOD	172.3	<LOD	105.2	28.31
Butler 3	Niton XRF	BP13-CU20	ppm	174	174.1	901591.06	<LOD		<LOD		<LOD	<LOD	237.92	<LOD		<LOD	<LOD		<LOD	68648.01			76.39		567.86	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		22611.7	<LOD		<LOD		<LOD	1198.63				3322.34		<LOD	<LOD	67.31	42.33
Butler 3	Niton XRF	BP13-CU20	ppm	175	175.1	946490.69	<LOD		<LOD		172.29	<LOD	182.7	<LOD		<LOD	109.8		<LOD	22295.03			674.57		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		23957.34	<LOD		<LOD		<LOD	1973.45				886.37		102.34	<LOD	<LOD	99.73
Butler 3	Niton XRF	BP13-CU20	ppm	176	176.1	931003.31	<LOD		<LOD		194.63	<LOD	270.08	<LOD		<LOD	95.09		<LOD	32589.21			454.63		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		26474.86	<LOD		<LOD		<LOD	2658.88				1568.73		151.29	<LOD	<LOD	118.96
Butler 3	Niton XRF	BP13-CU20	ppm	176	176.05	928523.69	<LOD		<LOD	<LOD		<LOD	37017.34	<LOD		<LOD	130.46		<LOD	20108.13	<LOD	<LOD	8977.21		<LOD	<LOD	8.82	<LOD		<LOD	<LOD	4.61	<LOD	<LOD	<LOD		<LOD		<LOD	2233.33	<LOD		<LOD	2428.26	<LOD	217.86	<LOD	92.4	82.78
Butler 3	Niton XRF	BP13-CU20	ppm	177	177.1	943534.06	<LOD		<LOD		166.46	<LOD	261.68	<LOD		<LOD	109.59		<LOD	25051.83			148.86		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.1		21245.15	<LOD		<LOD		<LOD	1513.89				2104.65		146.58	<LOD	<LOD	52.26
Butler 3	Niton XRF	BP13-CU20	ppm	178	178.1	866052.5	<LOD		<LOD		353.5	<LOD	649.81	<LOD		<LOD	<LOD		<LOD	107665.75			80.87		921.38	<LOD	<LOD	<LOD		<LOD	<LOD	4.76		6882.42	<LOD		<LOD		<LOD	125.35				7489.15		364	<LOD	64.73	101.02
Butler 3	Niton XRF	BP13-CU20	ppm	179	179.1	823222.94	<LOD		<LOD		350.45	<LOD	658.28	<LOD		<LOD	<LOD		206.52	153365.53			124.31		789.1	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		3091.53	<LOD		<LOD		<LOD	128.37				6515.03		368.74	<LOD	<LOD	135.09
Butler 3	Niton XRF	BP13-CU20	ppm	179	179.05	775093.56	<LOD		<LOD	<LOD		<LOD	9740.6	<LOD		<LOD	<LOD		188.18	160382.59	<LOD	<LOD	3490.1		915.65	<LOD	12.7	<LOD		43.14	<LOD	3.69	<LOD	39259.4	<LOD		<LOD		<LOD	109.05	<LOD		<LOD	9675.56	<LOD	766.98	<LOD	117.95	110.16
Butler 3	Niton XRF	BP13-CU20	ppm	180	180.1	806328.13	<LOD		<LOD		<LOD	<LOD	608.73	<LOD		<LOD	<LOD		<LOD	106276.11			98.39		2026	<LOD	<LOD	335.61		<LOD	<LOD	<LOD		74975.55	<LOD		<LOD		<LOD	<LOD				6821.64		340.99	<LOD	91.73	111.95
Butler 3	Niton XRF	BP13-CU20	ppm	181	181.1	832499.38	<LOD		<LOD		<LOD	<LOD	459.8	<LOD		<LOD	<LOD		<LOD	118729.47			142.86		1190.98	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		38225.35	<LOD		<LOD		<LOD	807.33				4879.04		<LOD	<LOD	70.46	116.26
Butler 3	Niton XRF	BP13-CU20	ppm	182	182.1	830924.06	<LOD		<LOD		185.5	<LOD	342.13	<LOD		<LOD	<LOD		<LOD	113910.84			109.03		1712.3	<LOD	<LOD	<LOD		<LOD	<LOD	4.99		41683.32	<LOD		<LOD		<LOD	428.08				5132.06		<LOD	<LOD	87.04	93.33
Butler 3	Niton XRF	BP13-CU20	ppm	182	182.05	806897.44	<LOD		<LOD	<LOD		<LOD	57942.15	<LOD		926.76	<LOD		<LOD	118239.52	<LOD	<LOD	4885.09		1017.47	<LOD	<LOD	<LOD		<LOD	<LOD	6.08	<LOD	<LOD	<LOD		<LOD		<LOD	569.58	<LOD		<LOD	8676.54	<LOD	624.38	<LOD	81.73	122.24
Butler 3	Niton XRF	BP13-CU20	ppm	183	183.1	880625.81	<LOD		<LOD		<LOD	<LOD	554.2	<LOD		<LOD	<LOD		<LOD	82907.46			94.86		678.27	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		25912.39	<LOD		<LOD		<LOD	468.92				7216.67		310.44	<LOD	<LOD	114.19
Butler 3	Niton XRF	BP13-CU20	ppm	184	184.1	927343.19	<LOD		<LOD		150.95	<LOD	338.41	<LOD		<LOD	87.04		<LOD	41308.86			241.47		578.99	<LOD	<LOD	<LOD		<LOD	<LOD	5.11		22079.16	<LOD		<LOD		<LOD	1032.85				3003.78		189.56	<LOD	<LOD	120.98
Butler 3	Niton XRF	BP13-CU20	ppm	185	185.1	887344.38	<LOD		<LOD		335.47	<LOD	908.28	<LOD		<LOD	<LOD		<LOD	96854.57			123.11		699.33	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2529.28	<LOD		<LOD		<LOD	46.27				5555.2		508.78	<LOD	66.1	114.08
Butler 3	Niton XRF	BP13-CU20	ppm	185	185.05	823050.06	<LOD		<LOD	<LOD		<LOD	11391	<LOD		<LOD	<LOD		<LOD	135096.81	<LOD	<LOD	17025.6		809.46	<LOD	19.72	<LOD		<LOD	<LOD	8.27	<LOD	<LOD	<LOD		<LOD		<LOD	83.88	<LOD		<LOD	11008.55	<LOD	1088.46	<LOD	154.15	144.79
Butler 3	Niton XRF	BP13-CU20	ppm	186	186.1	924101.56	<LOD		<LOD		943.1	<LOD	873.1	<LOD		<LOD	92.29		<LOD	38032.47			218.9		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	12.16		3311.7	<LOD		<LOD		<LOD	127.19				3412.33		489.08	<LOD	<LOD	124.59

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP13-CU20	ppm	187	187.1	934636.75	<LOD		<LOD		955.45	<LOD	562.88	<LOD		<LOD	75.73		<LOD	26745.38			422.3		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.24		<LOD	<LOD		<LOD		<LOD	174.71				2055.55		315.3	<LOD	<LOD	144.79
Butler 3	Niton XRF	BP13-CU20	ppm	188	188.1	935704.75	<LOD		<LOD		986.24	<LOD	860.52	<LOD		<LOD	117.15		<LOD	25835.62			319.58		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.56		1765.53	<LOD		<LOD		<LOD	181.78				2814.2		482.03	<LOD	<LOD	150.01
Butler 3	Niton XRF	BP13-CU20	ppm	188	188.05	914555.81	<LOD		<LOD	<LOD		18.13	2147.02	<LOD		<LOD	197.8		<LOD	28270.7	<LOD	<LOD	49177.98		192.88	<LOD	7.65	<LOD		<LOD	<LOD	16.07	<LOD	<LOD	<LOD		<LOD		<LOD	168.13	<LOD		<LOD	4267.68	<LOD	596.91	<LOD	33.13	148.84
Butler 3	Niton XRF	BP13-CU20	ppm	189	189.1	931079.63	<LOD		<LOD		282.58	<LOD	363.67	<LOD		<LOD	112.19		<LOD	36173.3			320.85		358.36	<LOD	<LOD	<LOD		<LOD	<LOD	5.72		19358.01	<LOD		<LOD		<LOD	780.96				2410.78		203.72	<LOD	<LOD	129.02
Butler 3	Niton XRF	BP13-CU20	ppm	190	190.1	888679.44	<LOD		<LOD		<LOD	<LOD	345.94	<LOD		<LOD	<LOD		<LOD	98356.55			238.99		739.64	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		4972.33	<LOD		<LOD		<LOD	172.17				2821.91		<LOD	<LOD	91.72	112.49
Butler 3	Niton XRF	BP13-CU20	ppm	191	191.1	803786.94	<LOD		<LOD		272.66	<LOD	983.71	<LOD		<LOD	259.08		<LOD	138353.75			28.16		2125.51	<LOD	<LOD	<LOD		<LOD	<LOD	14.61		34904.13	<LOD		<LOD		<LOD	446.02				2546.98		551.04	<LOD	138.01	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	191	191.05	846404.81	<LOD		<LOD	<LOD		<LOD	57082.74	<LOD		<LOD	322.07		<LOD	88574.31	<LOD	<LOD	2889.46		1871.76	<LOD	<LOD	<LOD		<LOD	<LOD	4.44	<LOD	<LOD	<LOD		<LOD		<LOD	867.74	<LOD		<LOD	1640.97	<LOD	215.24	<LOD	97.32	22.91
Butler 3	Niton XRF	BP13-CU20	ppm	192	192.1	769751.06	<LOD		<LOD		<LOD	<LOD	404.4	<LOD		<LOD	<LOD		<LOD	155562.14			47.28		3136.64	<LOD	<LOD	335.29		<LOD	<LOD	<LOD		59122.2	<LOD		<LOD		<LOD	<LOD				10573.87		<LOD	<LOD	163.91	83.38
Butler 3	Niton XRF	BP13-CU20	ppm	193	193.1	749803.06	<LOD		<LOD		286.42	<LOD	625.81	<LOD		<LOD	<LOD		320.21	151207.05			105.82		1027.04	<LOD	<LOD	430.53		<LOD	<LOD	9.03		24572.25	<LOD		<LOD		<LOD	151.37				5524.39		350.55	<LOD	84.31	97.51
Butler 3	Niton XRF	BP13-CU20	ppm	194	194.1	804984.75	<LOD		<LOD		<LOD	<LOD	454.64	<LOD		<LOD	<LOD		<LOD	128702.7			118.35		1991.31	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		55678.55	<LOD		<LOD		<LOD	467.13				5901.44		<LOD	<LOD	80.49	116.5
Butler 3	Niton XRF	BP13-CU20	ppm	194	194.05	738325.06	<LOD		11.23	<LOD		<LOD	59231.73	<LOD		<LOD	<LOD		1285.29	154526.34	<LOD	<LOD	<LOD		2140.06	<LOD	18.3	<LOD		<LOD	<LOD	<LOD	<LOD	33745.87	<LOD		<LOD		<LOD	389.55	<LOD		<LOD	8949.6	<LOD	554.59	<LOD	583.69	110.95
Butler 3	Niton XRF	BP13-CU20	ppm	195	195.1	783263.75	<LOD		<LOD		<LOD	<LOD	1632.58	<LOD		<LOD	<LOD		<LOD	117128.89			2.24		1728	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		85743.47	<LOD		<LOD		<LOD	437.56				8998.04		914.51	<LOD	133.29	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	196	196.1	809536.75	<LOD		<LOD		<LOD	<LOD	781.92	<LOD		<LOD	157.35		5061.35	102152.59			10.43		1876.8	<LOD	<LOD	394.66		<LOD	<LOD	<LOD		71933.24	<LOD		<LOD		<LOD	758.03				2801.56		438	<LOD	141.3	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	197	197.1	810483.5	<LOD		<LOD		<LOD	<LOD	172.58	<LOD		<LOD	<LOD		<LOD	106494.92			9.45		2545.55	<LOD	<LOD	229.82		<LOD	<LOD	<LOD		76337.04	<LOD		<LOD		<LOD	1199.22				634.15		<LOD	<LOD	160.8	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	197	197.05	816939.19	<LOD		<LOD	<LOD		<LOD	132280.64	<LOD		<LOD	<LOD		<LOD	44354.8	<LOD	<LOD	2506.79		973.32	<LOD	9.25	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1795.22	<LOD		<LOD	536.46	<LOD	169.59	<LOD	90.13	13.56
Butler 3	Niton XRF	BP13-CU20	ppm	198	198.1	808234.69	<LOD		<LOD		<LOD	<LOD	1076.11	<LOD		<LOD	<LOD		246.98	119347.31			51.12		2837.32	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		62641.63	<LOD		<LOD		<LOD	679.28				3753.02		602.8	<LOD	120.82	32
Butler 3	Niton XRF	BP13-CU20	ppm	199	199.1	795319.63	<LOD		<LOD		<LOD	<LOD	1582.21	<LOD		<LOD	<LOD		<LOD	161362.19			24.2		2466.79	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		31752.9	<LOD		<LOD		<LOD	106.99				3605.21		886.29	<LOD	180.98	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	200	200.1	768301.44	<LOD		<LOD		<LOD	<LOD	2140.68	<LOD		<LOD	<LOD		194.45	143264.88			38.94		2388.99	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		78507.14	<LOD		<LOD		64.17	219.27				3412.41		1199.13	<LOD	146.83	22.17
Butler 3	Niton XRF	BP13-CU20	ppm	200	200.05	715107.13	<LOD		<LOD	<LOD		<LOD	108512.91	<LOD		<LOD	<LOD		167.68	139489.7	<LOD	<LOD	<LOD		2447.7	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	19791.36	<LOD		<LOD		116.27	612.59	<LOD		<LOD	9505.1	<LOD	2192.95	<LOD	173.89	24.53
Butler 3	Niton XRF	BP13-CU20	ppm	201	201.1	794978.81	<LOD		<LOD		<LOD	<LOD	1060.82	<LOD		<LOD	<LOD		177.84	146739.91			29.46		1888.63	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		51359.45	<LOD		<LOD		<LOD	157.32				3243.8		594.23	<LOD	230.18	15.94
Butler 3	Niton XRF	BP13-CU20	ppm	202	202.1	817264.81	<LOD		<LOD		<LOD	<LOD	1442.22	<LOD		<LOD	<LOD		<LOD	115595.62			8.68		1871	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		53042.95	<LOD		<LOD		<LOD	311.89				6811.84		807.88	<LOD	145.85	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	203	203.1	776885.06	<LOD		<LOD		<LOD	<LOD	1567.4	<LOD		<LOD	<LOD		<LOD	134621.59			10.21		2759.52	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		77194.15	<LOD		<LOD		<LOD	96.44				5798.61		877.99	<LOD	172.19	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	203	203.05	750819.5	<LOD		<LOD	<LOD		17.29	112673.84	<LOD		<LOD	<LOD		<LOD	124180.59	<LOD	<LOD	<LOD		2137.79	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	601.12	<LOD		<LOD	5430.84	<LOD	1442.36	<LOD	162.89	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	204	204.1	837797	<LOD		<LOD		<LOD	<LOD	757.55	<LOD		<LOD	522.59		<LOD	61622.63			10.29		1265.87	<LOD	<LOD	<LOD		<LOD	<LOD	4.51		89358.05	<LOD		<LOD		<LOD	935.56				2698.02		424.35	<LOD	96.29	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	205	205.1	894674.31	<LOD		<LOD		<LOD	<LOD	331.28	<LOD		<LOD	<LOD		<LOD	57604.94			235.02		969.31	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		40191.32	<LOD		<LOD		<LOD	1887.24				1713.38		185.57	<LOD	66	67.17
Butler 3	Niton XRF	BP13-CU20	ppm	206	206.1	937840.75	<LOD		<LOD		408.03	<LOD	301.45	<LOD		<LOD	94.33		<LOD	35282.71			531.21		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	12.46		6080.64	<LOD		<LOD		<LOD	1054.06				983.15		168.86	<LOD	<LOD	87.11
Butler 3	Niton XRF	BP13-CU20	ppm	206	206.05	892872.44	<LOD		<LOD	<LOD		27.46	16124.9	<LOD		<LOD	199.46		<LOD	59221.77	<LOD	<LOD	22790.32		405.66	<LOD	15.54	<LOD		<LOD	<LOD	12.03	<LOD	<LOD	<LOD		<LOD		<LOD	1316.41	<LOD		<LOD	6474.76	<LOD	240.13	<LOD	74.86	166.99
Butler 3	Niton XRF	BP13-CU20	ppm	207	207.1	947635.81	<LOD		<LOD		253.55	30.36	393.97	<LOD		<LOD	108.79		<LOD	15535.15			658.73		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		23216.77	<LOD		<LOD		<LOD	1923.25				818.29		220.69	<LOD	<LOD	89.91
Butler 3	Niton XRF	BP13-CU20	ppm	208	208.1	926086.88	<LOD		<LOD		<LOD	<LOD	210.95	<LOD		<LOD	108.11		<LOD	34868.25			436.53		356.63	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		31961.02	<LOD		<LOD		<LOD	1832.17				1621.16		<LOD	<LOD	<LOD	118.04
Butler 3	Niton XRF	BP13-CU20	ppm	209	209.1	868068.94	<LOD		<LOD		173.52	<LOD	389.4	<LOD		<LOD	681.01		<LOD	97511.5			199.85		1385.71	<LOD	<LOD	<LOD		<LOD	<LOD	7.24		26277.77	<LOD		<LOD		<LOD	444.7				1274.57		218.13	<LOD	95.38	42.49
Butler 3	Niton XRF	BP13-CU20	ppm	209	209.05	803852.75	<LOD		<LOD	<LOD		<LOD	99875.26	<LOD		<LOD	2430.65		<LOD	88140.52	<LOD	<LOD	<LOD		2959.13	<LOD	<LOD	274.23		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	147.32	<LOD		<LOD	1332.36	<LOD	512.42	<LOD	146.01	13.37
Butler 3	Niton XRF	BP13-CU20	ppm	209	209.05	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD		<LOD	<LOD		<LOD	<LOD	<LOD	<LOD			<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD		<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	210	210.1	916666.81	<LOD		<LOD		504.2	<LOD	331.97	<LOD		<LOD	91.6		<LOD	39745.96			396.13		494.26	<LOD	<LOD	<LOD		<LOD	<LOD	14.96		9988.88	<LOD		<LOD		<LOD	498.07				1552.86		185.96	<LOD	<LOD	102.6
Butler 3	Niton XRF	BP13-CU20	ppm	211	211.1	890685.38	<LOD		<LOD		488.06	<LOD	458.07	<LOD		<LOD	<LOD		<LOD	66144.58			391.52		533.51	<LOD	<LOD	<LOD		<LOD	<LOD	19.28		15828.6	<LOD		<LOD		<LOD	347.26				1195.39		256.6	<LOD	98.37	78.07
Butler 3	Niton XRF	BP13-CU20	ppm	212	212.1	937336.44	<LOD		<LOD		255.2	<LOD	351.17	<LOD		<LOD	73.8		<LOD	29714.21			528.33		351.58	<LOD	<LOD	<LOD		<LOD	<LOD	8.61		18407.01	<LOD		<LOD		<LOD	1619.26				1416.16		196.71	<LOD	<LOD	124.8
Butler 3	Niton XRF	BP13-CU20	ppm	212	212.05	949946.63	<LOD		<LOD	<LOD		<LOD	29439.5	<LOD		<LOD	138.63		<LOD	6336.4	<LOD	<LOD	11668.72		<LOD	<LOD	8.31	<LOD		<LOD	<LOD	8.02	<LOD	<LOD	<LOD		<LOD		<LOD	1542.93	<LOD		<LOD	518.64	<LOD	177.91	<LOD	25.5	73.05
Butler 3	Niton XRF	BP13-CU20	ppm	213	213.1	959003.44	<LOD		<LOD		187.05	<LOD	162.87	<LOD		<LOD	109.83		<LOD	12439.63			1018.93		319.59	<LOD	<LOD	<LOD		<LOD	<LOD	10.86		12977.84	<LOD		<LOD		<LOD	1151.55				487.66		91.24	<LOD	<LOD	82.88
Butler 3	Niton XRF	BP13-CU20	ppm	214	214.1	942331.31	<LOD		<LOD		294.61	<LOD	296.79	<LOD		<LOD	107.47		<LOD	22459.43			523.61		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		21735.17	<LOD		<LOD		<LOD	1801.48				1206.84		166.25	<LOD	<LOD	105.4
Butler 3	Niton XRF	BP13-CU20	ppm	215	215.1	909767.75	<LOD		<LOD		165.64	<LOD	218.02	<LOD		<LOD	107.53		<LOD	44115.09			220.77		708.01	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		37686.91	<LOD		<LOD		<LOD	1834.98				1707.9		<LOD	<LOD	76.62	62.89
Butler 3	Niton XRF	BP13-CU20	ppm	215	215.05	837512.06	<LOD		<LOD	<LOD		<LOD	37075.74	<LOD		<LOD	739.03		145.49	103287.5	<LOD	<LOD	14497.96		1300.7	<LOD	12.04	<LOD		<LOD	<LOD	17.28	<LOD	<LOD	<LOD		<LOD		<LOD	611.66	<LOD		<LOD	3906.61	<LOD	579.94	<LOD	180.35	20.87
Butler 3	Niton XRF	BP13-CU20	ppm	216	216.1	951224.19	<LOD		<LOD		473.52	<LOD	291.68	<LOD		<LOD	101.47		<LOD	11479.09			578.8		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	10.69		14921.65	<LOD		<LOD		<LOD	1205				949.34		163.39	<LOD	<LOD	91.65
Butler 3	Niton XRF	BP13-CU20	ppm	217	217.1	927896.44	<LOD		<LOD		447.98	<LOD	496.54	<LOD		<LOD	107.07		<LOD	32415.45			141.97		426.28	<LOD	<LOD	<LOD		<LOD	<LOD	13.79		16550.43	<LOD		<LOD		<LOD	1203.73				1458.04		278.14	<LOD	<LOD	34.53
Butler 3	Niton XRF	BP13-CU20	ppm	218	218.1	840739.56	<LOD		<LOD		<LOD	<LOD	99.44	<LOD		<LOD	3152.13		<LOD	113204.84			6.61		2921.59	<LOD	<LOD	1140.71		<LOD	<LOD	<LOD		36204.21	<LOD		<LOD		<LOD	58.88				907.18		<LOD	<LOD	236.65	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	218	218.05	833276.88	<LOD		13.44	<LOD		<LOD	38677.28	<LOD		<LOD	4453.1		<LOD	116311.66	<LOD	<LOD	<LOD		2633.23	<LOD	<LOD	907.49		<LOD	<LOD	2.67	<LOD	<LOD	<LOD		<LOD		<LOD	52.44	<LOD		<LOD	954.12	<LOD	195.08	<LOD	220.18	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	219	219.1	939596.88	<LOD		<LOD		937.85	<LOD	475.31	<LOD		<LOD	97.44		<LOD	23181.88			454.4		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	19.87		3788.65	<LOD		<LOD		<LOD	303.1				1395.09		266.25	<LOD	<LOD	105.74
Butler 3	Niton XRF	BP13-CU20	ppm	220	220.1	903100.38	<LOD		<LOD		858.7	<LOD	431.7	<LOD		<LOD	94.86		<LOD	34822.55			492.79		719.73	<LOD	<LOD	<LOD		<LOD	<LOD	19.54		31007.73	<LOD		<LOD		<LOD	117.52				1160.52		241.82	<LOD	<LOD	95.39
Butler 3	Niton XRF	BP13-CU20	ppm	221	221.1	931344.31	<LOD		<LOD		706.91	<LOD	450.51	<LOD		<LOD	109.86		<LOD	27740.57			887.99		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	21.43		5197.25	<LOD		<LOD		<LOD	142.94				1088.26		252.36	<LOD	<LOD	161.19
Butler 3	Niton XRF	BP13-CU20	ppm	221	221.05	923540.19	<LOD		<LOD	<LOD		20.05	2663.58	<LOD		<LOD	191.25		<LOD	26436.26	<LOD	<LOD	44750.5		264.45	<LOD	<LOD	<LOD		<LOD	<LOD	15.74	<LOD	<LOD	<LOD		<LOD		<LOD	96.05	<LOD		<LOD	1482.52	<LOD	418.28	<LOD	24.94	90.96
Butler 3	Niton XRF	BP13-CU20	ppm	222	222.1	935007.25	<LOD		<LOD		608.74	<LOD	263.47	<LOD		<LOD	76.9		<LOD	20335.19			669.99		438.34	<LOD	<LOD	<LOD		<LOD	<LOD	18.02		12661.87	<LOD		<LOD		<LOD	333.22				937.1		147.58	<LOD	<LOD	104.72
Butler 3	Niton XRF	BP13-CU20	ppm	223	223.1	883336.88	<LOD		<LOD		639.1	<LOD	376.72	<LOD		<LOD	<LOD		<LOD	70290.6			125.42		945.54	<LOD	<LOD	<LOD		<LOD	<LOD	19.97		12946.17	<LOD		<LOD		<LOD	492.91				3249.73		211.03	<LOD	97.16	67.98
Butler 3	Niton XRF	BP13-CU20	ppm	224	224.1	930810.56	<LOD		<LOD		791.29	<LOD	890.94	<LOD		<LOD	210.84		<LOD	23869.42			789.43		467.49	<LOD	<LOD	<LOD		<LOD	<LOD	18.38		11298.79	<LOD		<LOD		<LOD	788.87				1530.33		499.07	<LOD	<LOD	201.51
Butler 3	Niton XRF	BP13-CU20	ppm	224	224.05	849846.81	<LOD		<LOD	<LOD		<LOD	20467.69	<LOD		<LOD	126.76		256.17	80294.02	<LOD	<LOD	24923.1		1073.84	<LOD	<LOD	<LOD		<LOD	<LOD	14.99	<LOD	18514.97	<LOD		<LOD		<LOD	844.03	<LOD		<LOD	2804.59	<LOD	382.84	<LOD	393.95	48.55
Butler 3	Niton XRF	BP13-CU20	ppm	226	226.1	945135.5	<LOD		<LOD		317.1	<LOD	245.37	<LOD		<LOD	122.79		<LOD	26875.29			406.21		498.07	<LOD	<LOD	<LOD		<LOD	<LOD	15.34		7680.18	<LOD		<LOD		<LOD	457.33				1189.53		137.45	<LOD	<LOD	80.6
Butler 3	Niton XRF	BP13-CU20	ppm	227	227.1	936108.94	<LOD		<LOD		372.5	<LOD	348.73	<LOD		<LOD	84.05		<LOD	34756.82			549.28		382.8	<LOD	<LOD	<LOD		<LOD	<LOD	15.08		8222.15	<LOD		<LOD		<LOD	591.66				1204.87		195.35	<LOD	<LOD	110.39
Butler 3	Niton XRF	BP13-CU20	ppm	227	227.05	925657.94	<LOD		<LOD	<LOD		<LOD	8041.88	<LOD		<LOD	179.91		<LOD	34324.59	<LOD	<LOD	28710.96		338.64	<LOD	11.54	<LOD		<LOD	<LOD	14.67	<LOD	<LOD	<LOD		<LOD		<LOD	653.86	<LOD		<LOD	1584.72	<LOD	273.09	<LOD	69.37	70.86
Butler 3	Niton XRF	BP13-CU20	ppm	228	228.1	969405.75	<LOD		<LOD		184.84	<LOD	139.29	<LOD		<LOD	108.81		<LOD	7687.33			222.09		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	7.07		14456.99	<LOD		<LOD		<LOD	1139.15				1841.46		<LOD	<LOD	<LOD	68.22
Butler 3	Niton XRF	BP13-CU20	ppm	229	229.1	900824.88	<LOD		<LOD		<LOD	<LOD	88.18	<LOD		<LOD	<LOD		<LOD	91910.02			170.15		951.82	<LOD	<LOD	<LOD		<LOD	<LOD	5.85		1256.28	<LOD		<LOD		<LOD	<LOD				2176.08		<LOD	<LOD	124.81	61.76
Butler 3	Niton XRF	BP13-CU20	ppm	230	230.1	930133.75	<LOD		<LOD		524.82	<LOD	247.02	<LOD		<LOD	72.16		<LOD	26621.11			657.43		448.96	<LOD	<LOD	<LOD		<LOD	<LOD	20.08		10362.47	<LOD		<LOD		<LOD	305.34				1051.82		138.37	<LOD	53.17	115.34
Butler 3	Niton XRF	BP13-CU20	ppm	230	230.05	908170.88	<LOD		<LOD	<LOD		<LOD	2513.01	<LOD		<LOD	139.62		<LOD	29059.58	<LOD	<LOD	57736.71		240.91	<LOD	14.52	<LOD		<LOD	<LOD	21.18	<LOD	<LOD	<LOD		<LOD		<LOD	118.93	<LOD		<LOD	1562.49	<LOD	276.04	<LOD	46.1	100.06
Butler 3	Niton XRF	BP13-CU20	ppm	231	231.1	926421.69	<LOD		<LOD		532.96	<LOD	284.82	<LOD		<LOD	110.1		<LOD	38786.87			198.61		588.51	<LOD	<LOD	<LOD		<LOD	<LOD	17.67		4832.34	<LOD		<LOD		<LOD	396.72				2696.08		159.54	<LOD	70.61	89.31
Butler 3	Niton XRF	BP13-CU20	ppm	232	232.1	895686.94	<LOD		<LOD		764.77	<LOD	565.8	<LOD		<LOD	103.96		<LOD	57543.38			371.55		638.8	<LOD	<LOD	<LOD		<LOD	<LOD	21.19		6112.41	<LOD		<LOD		<LOD	155.5				1910.97		316.94	<LOD	99.08	118.43
Butler 3	Niton XRF	BP13-CU20	ppm	233	233.05	895768.44	<LOD		<LOD	<LOD		23.28	3239.48	<LOD		<LOD	137.19		<LOD	40620.17	<LOD	<LOD	57333.36		606.85	<LOD	11.35	<LOD		<LOD	<LOD	36.68	<LOD	<LOD	<LOD		<LOD		<LOD	241.54	<LOD		<LOD	1471.85	<LOD	312.32	<LOD	45.3	152.17
Butler 3	Niton XRF	BP13-CU20	ppm	234	234.1	906909.69	<LOD		<LOD		712.61	<LOD	518.56	<LOD		<LOD	119.47		<LOD	47845.3			232.72		1195.47	<LOD	<LOD	<LOD		<LOD	<LOD	19.95		3295.84	<LOD		<LOD		<LOD	454.53				2606.53		290.48	<LOD	66.75	101.18
Butler 3	Niton XRF	BP13-CU20	ppm	235	235.1	924870.44	<LOD		<LOD		514.25	<LOD	378.27	<LOD		<LOD	114.23		<LOD	47914.86			281.75		670.77	<LOD	<LOD	<LOD		<LOD	<LOD	24.82		2711.12	<LOD		<LOD		<LOD	448.67				2119.81		211.89	<LOD	71.64	99.62
Butler 3	Niton XRF	BP13-CU20	ppm	236	236.1	930594	<LOD		<LOD		536.82	<LOD	368.91	<LOD		<LOD	112.18		<LOD	36596.68			792.76		477.14	<LOD	<LOD	<LOD		<LOD	<LOD	19.54		<LOD	<LOD		<LOD		<LOD	145.64				741.19		206.65	<LOD	<LOD	98.01
Butler 3	Niton XRF	BP13-CU20	ppm	236	236.05	917198.88	<LOD		<LOD	<LOD		<LOD	2037.99	<LOD		<LOD	111.61		<LOD	44440.82	<LOD	<LOD	33506.77		506.89	10.26	<LOD	<LOD		<LOD	<LOD	20.83	<LOD	<LOD	<LOD		<LOD		<LOD	112.11	<LOD		<LOD	1587.8	<LOD	242.31	<LOD	89.24	109.82
Butler 3	Niton XRF	BP13-CU20	ppm	237	237.1	929890	<LOD		<LOD		689.95	<LOD	497.27	<LOD		<LOD	147.08		<LOD	37982.94			301.17		383.6	<LOD	<LOD	<LOD		<LOD	<LOD	19.87		4916.47	<LOD		<LOD		<LOD	831.76				2045.72		278.55	<LOD	65.2	102.77
Butler 3	Niton XRF	BP13-CU20	ppm	238	238.1	918753.75	<LOD		<LOD		541.13	<LOD	345.58	<LOD		<LOD	107.42		<LOD	40263.32			456.55		347.94	<LOD	16.22	<LOD		<LOD	<LOD	27.42		14538.19	<LOD		<LOD		<LOD	520.73				1847.66		193.58	<LOD	60.51	140.7
Butler 3	Niton XRF	BP13-CU20	ppm	239	239.1	928952.25	<LOD		<LOD		167.96	<LOD	273.29	<LOD		<LOD	117.02		<LOD	41648.41			279.61		511.6	<LOD	<LOD	<LOD		<LOD	<LOD	14.58		11630.64	<LOD		<LOD		<LOD	883.47				2057.23		153.09	<LOD	82.27	95.95
Butler 3	Niton XRF	BP13-CU20	ppm	239	239.05	898291.56	<LOD		<LOD	<LOD		<LOD	24085.59	<LOD		<LOD	150.06		<LOD	61135.4	<LOD	<LOD	11657.26		783.51	<LOD	15.28	<LOD		<LOD	<LOD	12.53	<LOD	<LOD	<LOD		<LOD		<LOD	525.73	<LOD		<LOD	2732.99	<LOD	372.19	<LOD	117.66	112.17
Butler 3	Niton XRF	BP13-CU20	ppm	240	240.1	934191.19	<LOD		<LOD		334.8	<LOD	358.44	<LOD		<LOD	88.38		<LOD	36627.36			313.61		508.34	<LOD	<LOD	<LOD		<LOD	<LOD	19.03		9987	<LOD		<LOD		<LOD	1099.32				1876.95		200.78	<LOD	54.52	98.19
Butler 3	Niton XRF	BP13-CU20	ppm	241	241.1	934447.25	<LOD		<LOD		147.42	<LOD	234.64	<LOD		<LOD	107.37		<LOD	34746.83			302.48		503.8	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		20300.62	<LOD		<LOD		<LOD	1779.66				2290.74		<LOD	<LOD	<LOD	115.58
Butler 3	Niton XRF	BP13-CU20	ppm	242	242.1	930512.38	<LOD		<LOD		457.14	<LOD	202.58	<LOD		<LOD	<LOD		<LOD	35947.48			778.33		490.45	<LOD	<LOD	<LOD		<LOD	<LOD	24.5		<LOD	<LOD		<LOD		<LOD	104.5				578.59		113.48	<LOD	60.42	75.11
Butler 3	Niton XRF	BP13-CU20	ppm	242	242.05	897278.81	<LOD		<LOD	<LOD		<LOD	3146.14	<LOD		<LOD	192.58		<LOD	56272.95	<LOD	<LOD	38280.71		957.38	<LOD	11.51	<LOD		<LOD	<LOD	19.7	<LOD	<LOD	<LOD		<LOD		<LOD	95.54	<LOD		<LOD	3114.61	<LOD	452.62	<LOD	77.35	91.19
Butler 3	Niton XRF	BP13-CU20	ppm	243	243.1	895668.69	<LOD		<LOD		525.25	<LOD	385.05	<LOD		<LOD	148.62		<LOD	68191.32			405.89		970.64	51.42	<LOD	<LOD		<LOD	<LOD	25.1		3432.79	<LOD		<LOD		<LOD	123.59				1818.54		215.69	<LOD	108.52	123.12
Butler 3	Niton XRF	BP13-CU20	ppm	244	244.1	937419.25	<LOD		<LOD		206.39	<LOD	152.6	<LOD		<LOD	98.61		<LOD	41612.35			720.92		589.36	<LOD	<LOD	<LOD		<LOD	<LOD	11.6		6313.08	<LOD		<LOD		<LOD	547.73				659.67		<LOD	<LOD	133.03	79.33
Butler 3	Niton XRF	BP13-CU20	ppm	245	245.1	919142.25	<LOD		<LOD		362.99	28.62	163.7	<LOD		<LOD	130.06		<LOD	42503.07			3281.92		2654.83	<LOD	<LOD	<LOD		<LOD	<LOD	20.46		1978.77	<LOD		<LOD		<LOD	104.98				234.55		<LOD	<LOD	133.48	128.4
Butler 3	Niton XRF	BP13-CU20	ppm	245	245.05	920869.69	<LOD		7.14	<LOD		<LOD	2216.44	<LOD		<LOD	100.96		<LOD	39754.24	<LOD	<LOD	34858.43		729.61	<LOD	10.01	<LOD		<LOD	<LOD	12.92	<LOD	<LOD	<LOD		<LOD		<LOD	57.93	<LOD		<LOD	1022.16	<LOD	174.15	<LOD	101.57	84.82
Butler 3	Niton XRF	BP13-CU20	ppm	246	246.1	926224.19	<LOD		<LOD		763.85	<LOD	465.25	<LOD		<LOD	91.55		<LOD	38360.64			695.93		542.19	<LOD	<LOD	<LOD		<LOD	<LOD	16.73		<LOD	<LOD		<LOD		<LOD	90.98				938.25		260.61	<LOD	75.33	108.91
Butler 3	Niton XRF	BP13-CU20	ppm	247	247.1	953608.06	<LOD		<LOD		<LOD	<LOD	168.34	<LOD		<LOD	112.32		<LOD	19503.86			59.57		378.7	<LOD	<LOD	<LOD		<LOD	<LOD	13.47		13549.3	<LOD		<LOD		<LOD	1201.05				2029.77		<LOD	<LOD	<LOD	20.17
Butler 3	Niton XRF	BP13-CU20	ppm	248	248.1	941624.06	<LOD		<LOD		379.9	<LOD	274.01	<LOD		<LOD	93.99		<LOD	32907.55			569.73		390.32	<LOD	<LOD	<LOD		<LOD	<LOD	12.74		10936.26	<LOD		<LOD		<LOD	1023.99				1196.69		153.49	<LOD	84.06	113.72
Butler 3	Niton XRF	BP13-CU20	ppm	248	248.05	936717.94	<LOD		9.56	<LOD		32.12	20102.67	<LOD		<LOD	139.61		<LOD	24142.18	<LOD	<LOD	15261.72		317.75	<LOD	7.98	<LOD		<LOD	<LOD	9.21	<LOD	<LOD	<LOD		<LOD		<LOD	1601.74	<LOD		<LOD	1289.62	<LOD	191.96	<LOD	48.61	127.29
Butler 3	Niton XRF	BP13-CU20	ppm	249	249.1	856267.75	<LOD		<LOD		<LOD	<LOD	183.72	<LOD		<LOD	342.89		<LOD	108236.59			46.18		1454.68	<LOD	<LOD	474.25		<LOD	<LOD	8.18		21656.48	<LOD		<LOD		<LOD	365.99				2143.17		<LOD	<LOD	206.46	16.51
Butler 3	Niton XRF	BP13-CU20	ppm	250	250.1	928530.63	<LOD		<LOD		679.64	<LOD	356.4	<LOD		<LOD	99.24		<LOD	34268.82			593.83		638.41	<LOD	<LOD	<LOD		<LOD	<LOD	21.63		9399.12	<LOD		<LOD		<LOD	724.39				986.54		199.64	<LOD	75.85	97.72
Butler 3	Niton XRF	BP13-CU20	ppm	251	251.1	943058.31	<LOD		<LOD		829.59	<LOD	531.49	<LOD		<LOD	87.38		<LOD	24839.07			576.1		<LOD	<LOD	14.94	<LOD		<LOD	<LOD	19.51		<LOD	<LOD		<LOD		<LOD	278.64				943.21		297.72	<LOD	<LOD	90.64
Butler 3	Niton XRF	BP13-CU20	ppm	251	251.05	919962.44	<LOD		<LOD	<LOD		13.64	2029.98	<LOD		<LOD	117.57		<LOD	41216.36	<LOD	<LOD	34556.92		621.6	<LOD	11.04	<LOD		<LOD	<LOD	17.17	<LOD	<LOD	<LOD		<LOD		<LOD	152.27	<LOD		<LOD	911.59	<LOD	205.78	<LOD	96.27	87.37
Butler 3	Niton XRF	BP13-CU20	ppm	252	252.1	921654.56	<LOD		<LOD		573.92	<LOD	355.34	<LOD		<LOD	112.29		<LOD	34450.75			174.92		696.56	<LOD	<LOD	<LOD		<LOD	<LOD	18.36		20924.5	<LOD		<LOD		<LOD	1920.67				3424.56		199.05	<LOD	76.89	99.92
Butler 3	Niton XRF	BP13-CU20	ppm	253	253.1	927084.63	<LOD		<LOD		519.94	<LOD	421.19	<LOD		<LOD	109.33		<LOD	32817.4			226.22		962.46	<LOD	<LOD	<LOD		<LOD	<LOD	11.04		14767.88	<LOD		<LOD		<LOD	1212.69				2579.7		235.94	<LOD	57.65	97.34
Butler 3	Niton XRF	BP13-CU20	ppm	254	254.1	907556.63	<LOD		<LOD		595.83	<LOD	575.21	<LOD		<LOD	132.13		<LOD	41245.36			251.16		1232.55	<LOD	<LOD	<LOD		<LOD	<LOD	23.82		14145.89	<LOD		<LOD		<LOD	594.3				3190.42		322.21	<LOD	75.02	133.66
Butler 3	Niton XRF	BP13-CU20	ppm	254	254.05	892790	<LOD		<LOD	<LOD		<LOD	27036.75	<LOD		<LOD	209.67		<LOD	41954.63	<LOD	<LOD	30389.78		1637.1	<LOD	10.7	<LOD		<LOD	<LOD	19.48	<LOD	<LOD	<LOD		<LOD		<LOD	1222.14	<LOD		<LOD	4075.08	<LOD	351.19	<LOD	131.88	161.66
Butler 3	Niton XRF	BP13-CU20	ppm	255	255.1	916166	<LOD		<LOD		396.16	<LOD	324.94	<LOD		<LOD	108.25		<LOD	47224.27			291.93		726.16	<LOD	<LOD	<LOD		<LOD	<LOD	16.67		15885.54	<LOD		<LOD		<LOD	1437.69				2188.25		182.02	<LOD	129.98	106.56
Butler 3	Niton XRF	BP13-CU20	ppm	256	256.1	915282.5	<LOD		<LOD		585.92	<LOD	333.41	<LOD		<LOD	110.81		<LOD	45890.34			209.35		600.31	<LOD	<LOD	<LOD		<LOD	<LOD	13.39		17816.43	<LOD		<LOD		<LOD	1417.26				2721.84		186.76	<LOD	137.47	95.05
Butler 3	Niton XRF	BP13-CU20	ppm	257	257.1	919365.56	<LOD		<LOD		399.96	<LOD	347.12	<LOD		<LOD	118.47		<LOD	44095.57			230.99		755.06	<LOD	<LOD	<LOD		<LOD	<LOD	17.01		9284.28	<LOD		<LOD		<LOD	1034.82				2717.22		194.44	<LOD	151.76	104.69
Butler 3	Niton XRF	BP13-CU20	ppm	257	257.05	898169	<LOD		<LOD	<LOD		<LOD	17634.48	<LOD		<LOD	216.48		<LOD	41403.4	<LOD	<LOD	36015.23		896.34	<LOD	19.36	<LOD		<LOD	<LOD	20.06	<LOD	<LOD	<LOD		<LOD		<LOD	977.1	<LOD		<LOD	3956.57	<LOD	429.52	<LOD	127.54	125.39
Butler 3	Niton XRF	BP13-CU20	ppm	258	258.1	913519.81	<LOD		<LOD		554.59	29.22	603.33	<LOD		<LOD	155.47		<LOD	39470.65			379.68		1243.53	<LOD	<LOD	<LOD		<LOD	<LOD	20.3		14997.43	<LOD		<LOD		<LOD	1491.12				2264.54		337.96	<LOD	211.36	143.41
Butler 3	Niton XRF	BP13-CU20	ppm	259	259.1	899161.25	<LOD		<LOD		595.93	<LOD	468.6	<LOD		<LOD	<LOD		<LOD	59299.45			192.08		958.61	<LOD	<LOD	<LOD		<LOD	<LOD	24.38		7417.06	<LOD		<LOD		<LOD	532.76				4558.35		262.49	<LOD	163.99	146.05
Butler 3	Niton XRF	BP13-CU20	ppm	260	260.1	818833.56	<LOD		<LOD		240.24	<LOD	632.98	<LOD		<LOD	2037.65		<LOD	91955.62			181.03		2160.21	<LOD	<LOD	754.36		<LOD	<LOD	26.53		53842.57	<LOD		<LOD		<LOD	134.68				2919.62		354.57	<LOD	290.01	88.16
Butler 3	Niton XRF	BP13-CU20	ppm	260	260.05	783731.25	<LOD		<LOD	<LOD		<LOD	91724.12	<LOD		<LOD	3308.33		<LOD	89700.89	<LOD	<LOD	23633.01		2031.71	<LOD	8.71	818.01		<LOD	<LOD	18.1	<LOD	<LOD	<LOD		<LOD		<LOD	145.77	<LOD		<LOD	3676.56	<LOD	407.81	<LOD	252.27	47.04
Butler 3	Niton XRF	BP13-CU20	ppm	261	261.1	820693	<LOD		<LOD		<LOD	<LOD	729.22	<LOD		<LOD	1316.2		<LOD	101200.01			52.2		1976.05	<LOD	<LOD	688.66		<LOD	<LOD	<LOD		68311.61	<LOD		<LOD		<LOD	56.04				2999.88		408.48	<LOD	228.7	26.12
Butler 3	Niton XRF	BP13-CU20	ppm	262	262.1	819244.75	<LOD		<LOD		<LOD	<LOD	675.39	<LOD		<LOD	1653.86		<LOD	107395.94			79.25		2066.16	<LOD	<LOD	682.87		<LOD	<LOD	<LOD		62053	<LOD		<LOD		<LOD	109.85				2671.83		378.32	<LOD	237.66	35.32

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP13-CU20	ppm	263	263.1	844135.13	<LOD		<LOD		223.32	<LOD	153.79	<LOD		<LOD	1172.59		<LOD	99542.52			182.84		2115.51	<LOD	<LOD	540.09		<LOD	<LOD	30.62		22870.45	<LOD		<LOD		<LOD	216.97				2292.18		<LOD	<LOD	354.43	69.91
Butler 3	Niton XRF	BP13-CU20	ppm	263	263.05	834548.06	<LOD		<LOD	<LOD		<LOD	25911.82	<LOD		<LOD	385.62		<LOD	78804.73	<LOD	<LOD	52628.57		1215.96	<LOD	<LOD	241.32		<LOD	<LOD	43.7	<LOD	<LOD	<LOD		<LOD		<LOD	716.68	<LOD		<LOD	4347.56	<LOD	421.19	<LOD	623.37	89.17
Butler 3	Niton XRF	BP13-CU20	ppm	264	264.1	890935.06	<LOD		<LOD		418.88	<LOD	328.63	<LOD		<LOD	453.19		<LOD	42612.45			207.4		767.69	<LOD	<LOD	<LOD		<LOD	<LOD	47.88		20099.8	<LOD		<LOD		<LOD	830				2933.94		184.08	<LOD	150.55	101.5
Butler 3	Niton XRF	BP13-CU20	ppm	265	265.1	852298.5	<LOD		<LOD		256.35	<LOD	383.85	<LOD		<LOD	476.48		<LOD	59180.04			518.28		1207.72	<LOD	<LOD	<LOD		<LOD	<LOD	79.9		30513.17	<LOD		<LOD		<LOD	724.05				2242.45		215.02	<LOD	214.14	193.86
Butler 3	Niton XRF	BP13-CU20	ppm	266	266.1	831353.81	<LOD		<LOD		184.14	<LOD	421.24	<LOD		<LOD	1118.17		<LOD	92642.49			114.72		1632.3	<LOD	<LOD	795.43		<LOD	<LOD	11.81		60560.46	<LOD		<LOD		<LOD	120.91				1980.2		235.96	<LOD	252.22	37.89
Butler 3	Niton XRF	BP13-CU20	ppm	266	266.05	795665.75	<LOD		<LOD	<LOD		<LOD	91405.13	<LOD		574.84	2118.28		<LOD	97952.16	<LOD	<LOD	6641.77		2180.37	<LOD	<LOD	394.91		<LOD	<LOD	6.17	<LOD	<LOD	<LOD		<LOD		<LOD	111.38	<LOD		<LOD	2278.97	<LOD	427.2	<LOD	217.41	20.13
Butler 3	Niton XRF	BP13-CU20	ppm	267	267.1	806917.25	<LOD		<LOD		232.2	<LOD	349.16	<LOD		<LOD	2178.84		<LOD	105361.69			34.66		2038.73	<LOD	<LOD	595.17		<LOD	<LOD	5.55		72704.79	<LOD		<LOD		<LOD	296.87				3322.76		<LOD	<LOD	224.93	19.21
Butler 3	Niton XRF	BP13-CU20	ppm	268	268.1	916911.56	<LOD		<LOD		369.41	<LOD	409.63	<LOD		<LOD	84.42		<LOD	29535.64			230.41		724.89	<LOD	<LOD	<LOD		35.32	<LOD	7.65		41112.26	<LOD		<LOD		<LOD	2473.26				2999.93		229.46	<LOD	<LOD	115.3
Butler 3	Niton XRF	BP13-CU20	ppm	269	269.1	832279.56	<LOD		<LOD		<LOD	<LOD	193.39	<LOD		<LOD	1325.68		<LOD	92013.92			41.94		2090.37	<LOD	<LOD	665.72		<LOD	<LOD	5.49		64030.32	<LOD		<LOD		<LOD	79.49				2287		<LOD	<LOD	185.24	16
Butler 3	Niton XRF	BP13-CU20	ppm	269	269.05	793306.94	<LOD		<LOD	<LOD		<LOD	99991.89	<LOD		<LOD	2819.38		<LOD	91383.03	<LOD	<LOD	5631.73		2338.72	<LOD	10.61	408.56		<LOD	<LOD	4.14	<LOD	<LOD	<LOD		<LOD		<LOD	72.13	<LOD		<LOD	3414.12	<LOD	401.68	<LOD	187.03	29.99
Butler 3	Niton XRF	BP13-CU20	ppm	270	270.1	809186.88	<LOD		<LOD		275.05	<LOD	605.49	<LOD		<LOD	934.82		<LOD	105591.07			73.21		1700.6	<LOD	<LOD	285.03		<LOD	<LOD	20.8		57168.98	<LOD		<LOD		<LOD	97.82				5383.45		339.17	<LOD	212.25	65.74
Butler 3	Niton XRF	BP13-CU20	ppm	271	271.1	834574.88	<LOD		<LOD		<LOD	<LOD	324.24	<LOD		<LOD	1862.89		<LOD	98585.24			70.86		2407.64	<LOD	<LOD	1092.25		<LOD	<LOD	<LOD		54980.73	<LOD		<LOD		<LOD	99.68				3307.96		<LOD	<LOD	290.72	39.1
Butler 3	Niton XRF	BP13-CU20	ppm	272	272.1	831197.25	<LOD		<LOD		191.23	<LOD	444.76	<LOD		<LOD	1288.03		<LOD	93027.02			149.52		1617.16	<LOD	<LOD	808.12		<LOD	<LOD	7.64		57985.34	<LOD		<LOD		<LOD	130.93				2460.91		249.14	<LOD	202.85	61.37
Butler 3	Niton XRF	BP13-CU20	ppm	272	272.05	801638.5	<LOD		<LOD	<LOD		<LOD	87775.17	<LOD		<LOD	2079.91		<LOD	91904.8	<LOD	<LOD	10789.78		1682.04	<LOD	<LOD	575.73		<LOD	<LOD	5.67	<LOD	<LOD	<LOD		<LOD		<LOD	138.81	<LOD		<LOD	2761.17	<LOD	378.13	<LOD	212.32	43.35
Butler 3	Niton XRF	BP13-CU20	ppm	273	273.1	834950.56	<LOD		<LOD		<LOD	<LOD	278.2	<LOD		<LOD	1419.05		<LOD	85944.02			43.36		2082.43	<LOD	<LOD	1049.9		<LOD	<LOD	<LOD		67256.56	<LOD		<LOD		<LOD	145.51				1714.58		<LOD	<LOD	197.37	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	274	274.1	826488.44	<LOD		<LOD		<LOD	<LOD	596.84	<LOD		<LOD	1528.82		<LOD	96192.65			74.73		2080.41	<LOD	<LOD	738.48		<LOD	<LOD	5.36		66320.03	<LOD		<LOD		<LOD	109.09				1751.19		334.33	<LOD	272.3	21.83
Butler 3	Niton XRF	BP13-CU20	ppm	275	275.1	826308.63	<LOD		<LOD		398.4	<LOD	317.02	<LOD		<LOD	1600.9		<LOD	99732.67			145.27		1991.24	<LOD	<LOD	793.18		<LOD	<LOD	18.21		49011.83	<LOD		<LOD		<LOD	392.09				2018.74		<LOD	<LOD	274.48	48.92
Butler 3	Niton XRF	BP13-CU20	ppm	275	275.05	791895.5	<LOD		<LOD	<LOD		<LOD	74616.75	<LOD		<LOD	2320.21		<LOD	99001.93	<LOD	<LOD	24582.52		1792	<LOD	<LOD	784.63		<LOD	<LOD	19.11	<LOD	<LOD	<LOD		<LOD		<LOD	121.09	<LOD		<LOD	4117.73	<LOD	407.37	<LOD	267.04	62.46
Butler 3	Niton XRF	BP13-CU20	ppm	276	276.1	846112.31	<LOD		<LOD		287.16	<LOD	119.64	<LOD		<LOD	249.17		226.03	104402.52			111.34		1526.9	<LOD	<LOD	<LOD		<LOD	<LOD	19.11		21481.14	<LOD		<LOD		<LOD	626.1				2208.14		<LOD	<LOD	261.64	41.01
Butler 3	Niton XRF	BP13-CU20	ppm	277	277.1	850892.5	<LOD		<LOD		179.06	<LOD	221.84	<LOD		<LOD	732.89		<LOD	98322.45			218.23		2774.71	<LOD	<LOD	351.51		<LOD	<LOD	16.91		26862.85	<LOD		<LOD		<LOD	992.34				2151.22		<LOD	<LOD	281.9	78.31
Butler 3	Niton XRF	BP13-CU20	ppm	278	278.1	765875.06	<LOD		<LOD		<LOD	<LOD	254.02	<LOD		<LOD	969.79		187.57	98157.34			26.16		2301.87	<LOD	<LOD	364.51		<LOD	<LOD	11.83		88523.8	<LOD		<LOD		<LOD	737.65				793.36		<LOD	<LOD	234.74	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	278	278.05	820994.56	<LOD		<LOD	<LOD		<LOD	50488.43	<LOD		<LOD	1401.47		<LOD	117152.7	<LOD	<LOD	3559.63		3290.74	<LOD	<LOD	503.77		<LOD	<LOD	5.29	<LOD	<LOD	<LOD		<LOD		<LOD	73.78	<LOD		<LOD	1591.22	<LOD	<LOD	<LOD	347.52	8.12
Butler 3	Niton XRF	BP13-CU20	ppm	279	279.1	908629.44	<LOD		<LOD		<LOD	<LOD	396.4	<LOD		<LOD	94.47		<LOD	46782.48			248.91		871.53	<LOD	<LOD	<LOD		<LOD	<LOD	7.03		33927.35	<LOD		<LOD		<LOD	953.4				1939.77		222.05	<LOD	74.26	80.54
Butler 3	Niton XRF	BP13-CU20	ppm	280	280.1	830862.38	<LOD		<LOD		533.58	<LOD	435.25	<LOD		<LOD	1212.94		<LOD	109207.79			118.99		2104.87	<LOD	<LOD	780.78		<LOD	<LOD	15.59		31652.05	<LOD		<LOD		<LOD	411.66				2217.17		243.81	<LOD	268.8	44.01
Butler 3	Niton XRF	BP13-CU20	ppm	281	281.1	815190.44	<LOD		<LOD		281.96	<LOD	525.91	<LOD		<LOD	2075.9		360.05	120072.22			105.93		1760.14	<LOD	<LOD	1327.03		<LOD	<LOD	16.23		35153.47	<LOD		<LOD		<LOD	158.64				2180.28		294.59	<LOD	238.22	38.52
Butler 3	Niton XRF	BP13-CU20	ppm	281	281.05	799035.13	<LOD		<LOD	<LOD		<LOD	58406.73	<LOD		<LOD	2540.76		<LOD	117124.84	<LOD	<LOD	16872.75		1813.83	<LOD	<LOD	488.07		<LOD	<LOD	11.34	<LOD	<LOD	<LOD		<LOD		<LOD	111.23	<LOD		<LOD	2691.51	<LOD	524.41	<LOD	273.8	22.51
Butler 3	Niton XRF	BP13-CU20	ppm	282	282.1	820952.06	<LOD		<LOD		213.66	<LOD	292.71	<LOD		<LOD	2182.84		730.51	115886.77			54.18		1456.26	<LOD	<LOD	1319.35		<LOD	<LOD	15.08		38507.37	<LOD		<LOD		<LOD	105.25				1870.89		<LOD	<LOD	262.94	16.91
Butler 3	Niton XRF	BP13-CU20	ppm	283	283.1	833966.81	<LOD		<LOD		538.02	<LOD	525.4	<LOD		<LOD	376.18		1257.29	99845.77			107.59		1467	<LOD	<LOD	259.59		<LOD	<LOD	19.86		31922.64	<LOD		<LOD		<LOD	849.87				5772.12		<LOD	<LOD	242.33	103.58
Butler 3	Niton XRF	BP13-CU20	ppm	284	284.1	820349.81	<LOD		<LOD		<LOD	<LOD	463.41	<LOD		<LOD	1176.84		<LOD	108661.63			125.39		2003.99	<LOD	<LOD	665.44		<LOD	<LOD	<LOD		59658.18	<LOD		<LOD		<LOD	121.4				2983.85		259.58	<LOD	292.07	62.41
Butler 3	Niton XRF	BP13-CU20	ppm	284	284.05	799781.44	<LOD		<LOD	<LOD		<LOD	74121.99	<LOD		<LOD	2111.5		<LOD	111034.91	<LOD	<LOD	4901.1		2258.52	<LOD	10.27	630.05		<LOD	<LOD	4.23	<LOD	<LOD	<LOD		<LOD		<LOD	91.6	<LOD		<LOD	4308.38	<LOD	418.27	<LOD	257.8	69.99
Butler 3	Niton XRF	BP13-CU20	ppm	285	285.1	816600.63	<LOD		<LOD		281.32	<LOD	480.59	<LOD		<LOD	1549.32		<LOD	103159.01			132.95		2065.92	<LOD	<LOD	811.58		<LOD	<LOD	13.76		60635.33	<LOD		<LOD		<LOD	274.45				2091.67		269.21	<LOD	265.99	46.38
Butler 3	Niton XRF	BP13-CU20	ppm	286	286.1	823116.38	<LOD		<LOD		<LOD	<LOD	258.87	<LOD		<LOD	1224.2		226.82	104025.38			55		2516.71	<LOD	<LOD	747.62		<LOD	<LOD	5.58		58255.11	<LOD		<LOD		<LOD	47.87				1851.51		<LOD	<LOD	276.76	16.98
Butler 3	Niton XRF	BP13-CU20	ppm	287	287.1	836751.63	<LOD		<LOD		206.13	<LOD	492.27	<LOD		<LOD	1435.47		<LOD	92650.06			73.27		2023.89	<LOD	<LOD	700.08		<LOD	<LOD	9.24		53718.4	<LOD		<LOD		<LOD	186.5				1791.72		275.75	<LOD	307.9	21.9
Butler 3	Niton XRF	BP13-CU20	ppm	287	287.05	809540.19	<LOD		<LOD	<LOD		<LOD	67471.59	<LOD		<LOD	1827.15		<LOD	103742.18	<LOD	<LOD	11052.6		2015.02	<LOD	10.45	517.55		<LOD	<LOD	11.06	<LOD	<LOD	<LOD		<LOD		<LOD	289.03	<LOD		<LOD	2517.09	<LOD	270.84	<LOD	201.5	44
Butler 3	Niton XRF	BP13-CU20	ppm	288	288.1	909441.13	<LOD		<LOD		555.65	<LOD	592.01	<LOD		<LOD	109.16		<LOD	45868			366.04		488.32	<LOD	<LOD	<LOD		32.49	<LOD	16.63		17472.76	<LOD		<LOD		<LOD	1433.05				2437.13		331.62	<LOD	70.6	148.8
Butler 3	Niton XRF	BP13-CU20	ppm	289	289.1	928041.13	<LOD		<LOD		498.93	<LOD	383.13	<LOD		<LOD	105.28		<LOD	34217.48			372.42		504.81	<LOD	<LOD	<LOD		<LOD	<LOD	17.45		9648.21	<LOD		<LOD		<LOD	1204.55				2124.68		214.61	<LOD	85.03	131.98
Butler 3	Niton XRF	BP13-CU20	ppm	290	290.1	998643.19	<LOD		<LOD		<LOD	<LOD	21.6	<LOD		<LOD	94.17		<LOD	348.26			73.38		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		701.62	<LOD		<LOD		<LOD	<LOD				81.7		<LOD	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	290	290.05	787829.69	<LOD		<LOD	<LOD		15.83	76306.38	<LOD		567.79	2308.78		<LOD	114440.61	<LOD	<LOD	11301.89		1932.32	<LOD	<LOD	629.07		<LOD	<LOD	8.7	<LOD	<LOD	<LOD		<LOD		<LOD	183.56	<LOD		<LOD	3571.53	<LOD	279.75	<LOD	493.53	32.52
Butler 3	Niton XRF	BP13-CU20	ppm	291	291.1	855872.5	<LOD		<LOD		<LOD	<LOD	299.94	<LOD		<LOD	<LOD		<LOD	133290.98			246.19		2603.34	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2178.84	<LOD		<LOD		<LOD	<LOD				1903.46		<LOD	<LOD	338.4	78.17
Butler 3	Niton XRF	BP13-CU20	ppm	292	292.1	834293	<LOD		<LOD		244.18	<LOD	525.44	<LOD		<LOD	<LOD		165.14	109070.87			168.95		955.09	<LOD	<LOD	<LOD		<LOD	<LOD	7.26		5796.41	<LOD		<LOD		<LOD	79.76				2604.26		294.33	<LOD	190.19	73.39
Butler 3	Niton XRF	BP13-CU20	ppm	293	293.1	786542.69	<LOD		<LOD		<LOD	<LOD	378.41	<LOD		<LOD	<LOD		<LOD	116685.55			155.71		1583.16	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		91242.79	<LOD		<LOD		<LOD	99.9				2139.56		<LOD	<LOD	138.84	55.57
Butler 3	Niton XRF	BP13-CU20	ppm	293	293.05	888462.44	<LOD		<LOD	<LOD		<LOD	2451.07	<LOD		<LOD	213.35		<LOD	105202.56	<LOD	<LOD	<LOD		386.8	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2751.02	<LOD	306.23	<LOD	178.12	28.92
Butler 3	Niton XRF	BP13-CU20	ppm	294	294.1	892758.94	<LOD		<LOD		<LOD	<LOD	286	<LOD		<LOD	195.21		249.98	94473.95			196.48		1137.7	<LOD	<LOD	<LOD		<LOD	<LOD	5.83		2777.8	<LOD		<LOD		<LOD	49.51				1112.6		<LOD	<LOD	177.5	36.46
Butler 3	Niton XRF	BP13-CU20	ppm	295	295.1	953191.81	<LOD		<LOD		<LOD	<LOD	249.59	<LOD		<LOD	106.56		<LOD	29330.63			237.07		852.66	<LOD	17.11	<LOD		<LOD	<LOD	<LOD		11291.38	<LOD		<LOD		<LOD	<LOD				723.78		139.81	<LOD	131.14	28.62
Butler 3	Niton XRF	BP13-CU20	ppm	296	296.1	896661.75	<LOD		<LOD		187.93	<LOD	673.46	<LOD		<LOD	<LOD		<LOD	77260.55			177.19		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.44		4215.11	<LOD		<LOD		49.07	146.45				3967.73		377.25	<LOD	195.87	117.27
Butler 3	Niton XRF	BP13-CU20	ppm	296	296.05	881762.94	<LOD		<LOD	<LOD		<LOD	2937.16	<LOD		<LOD	342.79		<LOD	85065.27	<LOD	<LOD	21632.62		<LOD	<LOD	11.25	<LOD		<LOD	<LOD	11.1	<LOD	<LOD	<LOD		<LOD		<LOD	55.56	<LOD		<LOD	6733.27	<LOD	843.35	<LOD	260.26	128.8
Butler 3	Niton XRF	BP13-CU20	ppm	297	297.1	855132.5	<LOD		<LOD		366.7	<LOD	860.1	<LOD		<LOD	<LOD		<LOD	102054.71			153.71		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	22.55		<LOD	<LOD		<LOD		61.98	83.77				4983.19		481.8	<LOD	209.26	127.76
Butler 3	Niton XRF	BP13-CU20	ppm	298	298.1	832931.13	<LOD		<LOD		<LOD	<LOD	569.11	<LOD		<LOD	<LOD		144.54	98968.51			145.71		837.59	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		24134.8	<LOD		<LOD		<LOD	75.27				2685.05		318.79	<LOD	134.2	65.26
Butler 3	Niton XRF	BP13-CU20	ppm	299	299.1	807593	<LOD		<LOD		<LOD	<LOD	582.83	<LOD		<LOD	<LOD		<LOD	136207.72			250.12		2429.98	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		36459.4	<LOD		<LOD		<LOD	56.88				3416.27		326.48	<LOD	184.44	142.53
Butler 3	Niton XRF	BP13-CU20	ppm	299	299.05	882801.88	<LOD		<LOD	<LOD		13.5	12633.31	<LOD		<LOD	<LOD		<LOD	79867.03	<LOD	<LOD	6531.31		1192.44	<LOD	13.56	<LOD		<LOD	<LOD	4.01	<LOD	10702.42	<LOD		<LOD		<LOD	105.48	<LOD		<LOD	5055.85	<LOD	417.05	<LOD	383.55	132.19
Butler 3	Niton XRF	BP13-CU20	ppm	300	300.1	840825.63	<LOD		<LOD		179.35	<LOD	928.31	<LOD		<LOD	<LOD		<LOD	121049.17			173.49		7232.94	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		10534.22	<LOD		<LOD		60.76	51.4				5361.26		520	<LOD	415.34	155.15
Butler 3	Niton XRF	BP13-CU20	ppm	301	301.1	834443.56	<LOD		<LOD		304.38	<LOD	970.61	<LOD		<LOD	<LOD		<LOD	106187.01			202.96		3178.84	<LOD	<LOD	<LOD		<LOD	<LOD	16.28		33443.02	<LOD		<LOD		<LOD	96.8				4061.47		543.7	<LOD	322.24	137.49
Butler 3	Niton XRF	BP13-CU20	ppm	302	302.1	792306.81	<LOD		<LOD		505.91	<LOD	617	<LOD		<LOD	<LOD		<LOD	137138.64			211.39		1888.62	<LOD	<LOD	<LOD		<LOD	<LOD	33.16		10125.41	<LOD		<LOD		84.12	207.4				7493.23		<LOD	<LOD	272.66	264.21
Butler 3	Niton XRF	BP13-CU20	ppm	302	302.05	884038.56	<LOD		<LOD	<LOD		<LOD	3577.9	<LOD		<LOD	<LOD		<LOD	93029.56	<LOD	<LOD	5118.95		1316.93	<LOD	12.1	<LOD		<LOD	<LOD	3.08	<LOD	<LOD	<LOD		<LOD		<LOD	44.57	<LOD		<LOD	4915.99	<LOD	640.21	<LOD	221.53	142.77
Butler 3	Niton XRF	BP13-CU20	ppm	303	303.1	921650.88	<LOD		<LOD		<LOD	<LOD	374.41	<LOD		<LOD	102.61		<LOD	63905.62			166.2		681.88	<LOD	17.9	<LOD		<LOD	<LOD	6.18		3222.64	<LOD		<LOD		<LOD	42.68				3434.11		209.73	<LOD	139.39	95.2
Butler 3	Niton XRF	BP13-CU20	ppm	304	304.1	862498.69	<LOD		<LOD		395.24	<LOD	618.92	<LOD		<LOD	<LOD		<LOD	64591.73			230.3		1167.47	<LOD	<LOD	<LOD		<LOD	<LOD	37.22		35640.3	<LOD		<LOD		<LOD	421.37				3795.41		346.7	<LOD	165.44	145.8
Butler 3	Niton XRF	BP13-CU20	ppm	305	305.1	860463	<LOD		<LOD		430.64	<LOD	715.48	<LOD		<LOD	<LOD		<LOD	74166.52			179.8		1592.65	<LOD	<LOD	<LOD		35.66	<LOD	27.32		30690.88	<LOD		<LOD		<LOD	438.86				3315.05		400.79	<LOD	181.55	99.42
Butler 3	Niton XRF	BP13-CU20	ppm	305	305.05	814607.88	<LOD		<LOD	<LOD		<LOD	52869.97	<LOD		<LOD	194.93		<LOD	81753.1	<LOD	<LOD	42174.96		2151.31	<LOD	<LOD	<LOD		19.52	<LOD	23.67	<LOD	<LOD	<LOD		<LOD		<LOD	348.58	<LOD		<LOD	4895.46	<LOD	671.63	<LOD	165.17	104.4
Butler 3	Niton XRF	BP13-CU20	ppm	306	306.1	896992.94	<LOD		<LOD		<LOD	<LOD	509.83	<LOD		<LOD	<LOD		<LOD	90120.24			249.85		2304.59	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		3825.6	<LOD		<LOD		<LOD	<LOD				3698.84		285.58	<LOD	267.59	154.15
Butler 3	Niton XRF	BP13-CU20	ppm	307	307.1	842640.06	<LOD		<LOD		<LOD	<LOD	319.27	<LOD		<LOD	<LOD		<LOD	140790.09			164.92		3267.32	<LOD	<LOD	<LOD		<LOD	<LOD	6.37		2089.27	<LOD		<LOD		<LOD	<LOD				2200.08		<LOD	<LOD	455.84	60.52
Butler 3	Niton XRF	BP13-CU20	ppm	308	308.1	911100.94	<LOD		<LOD		<LOD	<LOD	668.3	<LOD		<LOD	<LOD		<LOD	76746.11			216.18		910.91	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2602.37	<LOD		<LOD		<LOD	<LOD				5518.99		374.35	<LOD	956.3	199.01
Butler 3	Niton XRF	BP13-CU20	ppm	308	308.05	865840.81	<LOD		<LOD	<LOD		<LOD	2424.48	<LOD		<LOD	<LOD		<LOD	82765.17	<LOD	<LOD	9857.37		936.11	13.66	12.33	<LOD		<LOD	<LOD	3.48	<LOD	32714.56	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4038.66	<LOD	431.02	<LOD	234.67	97.08
Butler 3	Niton XRF	BP13-CU20	ppm	309	309.1	828284.38	<LOD		<LOD		<LOD	<LOD	715.6	<LOD		<LOD	<LOD		<LOD	153430.33			215.1		1915.63	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		10786.6	<LOD		<LOD		<LOD	<LOD				4301.97		400.85	<LOD	418.29	154.35
Butler 3	Niton XRF	BP13-CU20	ppm	310	310.1	884119.75	<LOD		<LOD		<LOD	<LOD	534.26	<LOD		<LOD	<LOD		<LOD	106083.69			179.06		2483.3	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2356.24	<LOD		<LOD		<LOD	<LOD				2999.44		299.27	<LOD	933.98	89.58
Butler 3	Niton XRF	BP13-CU20	ppm	311	311.1	881691.31	<LOD		<LOD		178.29	<LOD	514.24	<LOD		<LOD	<LOD		<LOD	98728.22			299.16		659.28	<LOD	<LOD	<LOD		<LOD	<LOD	8.91		3077.65	<LOD		<LOD		<LOD	65.17				3463.66		288.06	<LOD	115.11	172.84
Butler 3	Niton XRF	BP13-CU20	ppm	311	311.05	883637.56	<LOD		<LOD	<LOD		<LOD	8901.19	<LOD		<LOD	<LOD		<LOD	83983.95	<LOD	<LOD	5992.93		1226.57	<LOD	13.24	<LOD		<LOD	<LOD	3.75	<LOD	10311.1	<LOD		<LOD		<LOD	38.93	<LOD		<LOD	4600.66	<LOD	411.77	<LOD	511.52	182.54
Butler 3	Niton XRF	BP13-CU20	ppm	312	312.1	884697.56	<LOD		<LOD		224.67	<LOD	602.49	<LOD		<LOD	<LOD		<LOD	91430.85			170.28		553.78	<LOD	<LOD	<LOD		<LOD	<LOD	8.25		5347.73	<LOD		<LOD		<LOD	<LOD				4840.14		337.49	<LOD	84.24	137.47
Butler 3	Niton XRF	BP13-CU20	ppm	313	313.1	943442.38	<LOD		<LOD		150.31	<LOD	362.23	<LOD		<LOD	96.13		111.74	36265.02			175.18		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.56		1400.4	<LOD		<LOD		<LOD	60.21				3125		202.91	<LOD	<LOD	91.31
Butler 3	Niton XRF	BP13-CU20	ppm	314	314.1	850672.63	<LOD		<LOD		203.41	<LOD	435.43	<LOD		<LOD	<LOD		<LOD	123029.28			175.92		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	8.36		<LOD	<LOD		<LOD		<LOD	<LOD				2181.91		243.91	<LOD	88.86	64.02
Butler 3	Niton XRF	BP13-CU20	ppm	314	314.05	870024.94	<LOD		9.31	<LOD		<LOD	2158.5	<LOD		<LOD	<LOD		<LOD	91117.34	<LOD	<LOD	15844.87		413.77	<LOD	<LOD	<LOD		<LOD	<LOD	4.98	<LOD	16166.34	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3787.09	<LOD	235	<LOD	66.95	78.9
Butler 3	Niton XRF	BP13-CU20	ppm	315	315.1	872273.19	<LOD		<LOD		<LOD	<LOD	407.02	<LOD		<LOD	<LOD		<LOD	90704			150.73		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.93		4053.4	<LOD		<LOD		<LOD	<LOD				3569.34		227.99	<LOD	<LOD	89.74
Butler 3	Niton XRF	BP13-CU20	ppm	316	316.1	919135.88	<LOD		<LOD		<LOD	<LOD	363.58	<LOD		<LOD	<LOD		<LOD	56749.63			92.58		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	8		1587.43	<LOD		<LOD		<LOD	<LOD				4672.99		<LOD	<LOD	<LOD	72.16
Butler 3	Niton XRF	BP13-CU20	ppm	317	317.1	872244.63	<LOD		<LOD		211.99	<LOD	806.35	<LOD		<LOD	<LOD		<LOD	104839.8			197.75		445.46	<LOD	<LOD	<LOD		<LOD	<LOD	9.74		<LOD	<LOD		<LOD		<LOD	<LOD				3514.23		451.69	<LOD	82.19	115.91
Butler 3	Niton XRF	BP13-CU20	ppm	317	317.05	844930.25	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	121201.3	<LOD	<LOD	10459.17		684.79	<LOD	9.51	<LOD		<LOD	<LOD	4.69	<LOD	16966.01	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4767.78	<LOD	604.76	<LOD	171.62	85.27
Butler 3	Niton XRF	BP13-CU20	ppm	318	318.1	909038.56	<LOD		<LOD		288.83	<LOD	525.72	<LOD		<LOD	<LOD		<LOD	63031.23			183.4		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	14.98		<LOD	<LOD		<LOD		<LOD	52.33				2507.69		294.49	<LOD	<LOD	76.71
Butler 3	Niton XRF	BP13-CU20	ppm	319	319.1	896468.13	<LOD		<LOD		188.52	<LOD	742.87	<LOD		<LOD	474.03		<LOD	89620.61			139.78		586.72	<LOD	<LOD	<LOD		<LOD	<LOD	6.25		<LOD	<LOD		<LOD		<LOD	<LOD				1679.55		416.12	<LOD	69.07	39.16
Butler 3	Niton XRF	BP13-CU20	ppm	320	320.1	805555.5	<LOD		<LOD		673.9	<LOD	882.35	<LOD		<LOD	<LOD		<LOD	139966.48			157.4		1096.17	<LOD	<LOD	<LOD		<LOD	<LOD	12.4		<LOD	<LOD		<LOD		<LOD	<LOD				3989.63		494.26	<LOD	178.92	104.75
Butler 3	Niton XRF	BP13-CU20	ppm	320	320.05	863035.56	<LOD		<LOD	<LOD		<LOD	1082.13	<LOD		<LOD	161.58		<LOD	102854.77	<LOD	<LOD	10269.55		1329.57	<LOD	<LOD	<LOD		<LOD	<LOD	5.56	<LOD	18384.19	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2152.68	<LOD	446.01	<LOD	157.78	34.72
Butler 3	Niton XRF	BP13-CU20	ppm	321	321.1	882980.75	<LOD		<LOD		526.14	<LOD	964.27	<LOD		<LOD	163.13		<LOD	89209.98			146.39		1298.74	<LOD	<LOD	<LOD		<LOD	<LOD	17.63		<LOD	<LOD		<LOD		<LOD	<LOD				2900.19		540.15	<LOD	105.27	70.82
Butler 3	Niton XRF	BP13-CU20	ppm	322	322.1	895146.44	<LOD		<LOD		162.65	<LOD	479.05	<LOD		<LOD	<LOD		<LOD	89288.07			184.28		1169.16	<LOD	<LOD	<LOD		<LOD	<LOD	9.15		1986.16	<LOD		<LOD		<LOD	54.83				2905.09		268.35	<LOD	163.41	89.3
Butler 3	Niton XRF	BP13-CU20	ppm	323	323.1	877329.69	<LOD		<LOD		<LOD	<LOD	1634.68	<LOD		<LOD	<LOD		<LOD	112978.56			251.32		825.37	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2201.43	<LOD		<LOD		<LOD	<LOD				4565.33		915.69	<LOD	<LOD	191.38
Butler 3	Niton XRF	BP13-CU20	ppm	323	323.05	861906.44	<LOD		<LOD	<LOD		<LOD	2750.14	<LOD		<LOD	<LOD		<LOD	127382.54	<LOD	<LOD	<LOD		941.42	<LOD	13.32	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5510.98	<LOD	479.83	<LOD	71.68	147.43
Butler 3	Niton XRF	BP13-CU20	ppm	324	324.1	874675.75	<LOD		<LOD		<LOD	<LOD	393.16	<LOD		<LOD	<LOD		<LOD	115458.77			235.17		944.93	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2668.82	<LOD		<LOD		<LOD	<LOD				3791		<LOD	<LOD	99.77	148.71
Butler 3	Niton XRF	BP13-CU20	ppm	325	325.1	856737.69	<LOD		<LOD		<LOD	<LOD	828.97	<LOD		<LOD	165.28		<LOD	131338.42			232.96		3222.16	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		3088.69	<LOD		<LOD		<LOD	<LOD				3773.87		464.36	<LOD	133.64	146.65
Butler 3	Niton XRF	BP13-CU20	ppm	326	326.1	862282.5	<LOD		<LOD		<LOD	<LOD	461.37	<LOD		<LOD	<LOD		<LOD	116184.16			190.68		8491.99	<LOD	21.51	<LOD		<LOD	<LOD	<LOD		5026.18	<LOD		<LOD		<LOD	<LOD				3561.79		<LOD	<LOD	123.96	113.29
Butler 3	Niton XRF	BP13-CU20	ppm	326	326.05	879574.44	<LOD		<LOD	<LOD		<LOD	1949.02	<LOD		<LOD	<LOD		<LOD	86540.59	<LOD	<LOD	9664.35		873.05	<LOD	10.28	<LOD		<LOD	<LOD	4.3	<LOD	15993.28	<LOD		<LOD		<LOD	32.26	<LOD		<LOD	4675.22	<LOD	372.69	<LOD	184.81	116.11
Butler 3	Niton XRF	BP13-CU20	ppm	327	327.1	945426.63	<LOD		<LOD		197.88	<LOD	508.73	<LOD		<LOD	88.01		<LOD	46980.97			89.03		449.09	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1616.41	<LOD		<LOD		<LOD	<LOD				3135.19		284.97	<LOD	64.93	46.56
Butler 3	Niton XRF	BP13-CU20	ppm	328	328.1	816080.88	<LOD		<LOD		210.25	<LOD	874.89	<LOD		<LOD	<LOD		<LOD	154487.95			203.93		2671.64	<LOD	<LOD	<LOD		<LOD	<LOD	8.19		8339.06	<LOD		<LOD		<LOD	80.72				5002.77		490.08	<LOD	282.45	170.17
Butler 3	Niton XRF	BP13-CU20	ppm	329	329.1	869795	<LOD		<LOD		<LOD	<LOD	888.74	<LOD		<LOD	<LOD		157.86	114912.19			229.59		1156.68	<LOD	28.05	<LOD		<LOD	<LOD	<LOD		3606.27	<LOD		<LOD		<LOD	<LOD				4409.82		497.84	<LOD	1420.78	168.87
Butler 3	Niton XRF	BP13-CU20	ppm	329	329.05	818154.44	<LOD		<LOD	<LOD		<LOD	2495.35	<LOD		<LOD	<LOD		<LOD	170302.56	<LOD	<LOD	<LOD		3550.09	<LOD	13.4	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4483.64	<LOD	555.85	<LOD	315.66	119.27
Butler 3	Niton XRF	BP13-CU20	ppm	330	330.1	900895.56	<LOD		<LOD		<LOD	<LOD	652.62	<LOD		<LOD	<LOD		<LOD	86573.34			235.06		792.02	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2801.17	<LOD		<LOD		<LOD	46.01				4356.88		365.57	<LOD	346.44	170.82
Butler 3	Niton XRF	BP13-CU20	ppm	331	331.1	942187.38	<LOD		<LOD		<LOD	<LOD	372.4	<LOD		<LOD	81.86		<LOD	50360.66			271.27		721.26	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1879.12	<LOD		<LOD		<LOD	<LOD				2061.06		208.61	<LOD	166.15	93.26
Butler 3	Niton XRF	BP13-CU20	ppm	332	332.1	908744.19	<LOD		<LOD		<LOD	<LOD	235.97	<LOD		<LOD	<LOD		<LOD	70772.01			633.66		764.2	<LOD	<LOD	<LOD		<LOD	<LOD	4.42		2570.82	<LOD		<LOD		64.43	56.41				1917.23		<LOD	<LOD	131.37	202.64
Butler 3	Niton XRF	BP13-CU20	ppm	332	332.05	899487.25	<LOD		<LOD	<LOD		<LOD	4094.47	<LOD		<LOD	158.95		<LOD	71937.05	<LOD	<LOD	8977.88		609.3	12.06	13.02	<LOD		<LOD	<LOD	4.11	<LOD	10768.9	<LOD		<LOD		<LOD	40.06	<LOD		<LOD	3146.78	<LOD	289.53	<LOD	159.24	183.42
Butler 3	Niton XRF	BP13-CU20	ppm	333	333.1	902289.94	<LOD		<LOD		277.83	<LOD	437.26	<LOD		<LOD	156.81		<LOD	62909.39			226.8		1081.77	<LOD	<LOD	<LOD		<LOD	<LOD	17.76		3693.89	<LOD		<LOD		97.91	<LOD				2740.07		244.94	<LOD	117.31	103.66
Butler 3	Niton XRF	BP13-CU20	ppm	334	334.1	928223.44	<LOD		<LOD		<LOD	<LOD	430.37	<LOD		<LOD	114.61		<LOD	57655.04			198.22		615.66	<LOD	<LOD	<LOD		<LOD	<LOD	6.65		<LOD	<LOD		<LOD		69.38	<LOD				2141.22		241.08	<LOD	83.31	70.79
Butler 3	Niton XRF	BP13-CU20	ppm	335	335.1	842594.25	<LOD		<LOD		<LOD	<LOD	231.96	<LOD		<LOD	183.24		<LOD	145475.59			206.68		3796.2	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1747.5	<LOD		<LOD		77.43	<LOD				2244.6		<LOD	<LOD	1569.79	77.38
Butler 3	Niton XRF	BP13-CU20	ppm	335	335.05	881013.69	<LOD		<LOD	<LOD		<LOD	710.71	<LOD		<LOD	127.87		<LOD	113221.99	<LOD	<LOD	<LOD		985.13	<LOD	9.62	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2842.98	<LOD	663.93	<LOD	317.59	54.76
Butler 3	Niton XRF	BP13-CU20	ppm	336	336.1	914350.06	<LOD		<LOD		<LOD	<LOD	257.51	<LOD		<LOD	148.74		<LOD	66069.99			173.93		652.03	<LOD	<LOD	<LOD		<LOD	<LOD	9.25		<LOD	<LOD		<LOD		79.34	<LOD				2536.58		<LOD	<LOD	114.94	73.59
Butler 3	Niton XRF	BP13-CU20	ppm	337	337.1	903215.44	<LOD		<LOD		<LOD	<LOD	192.55	<LOD		<LOD	<LOD		<LOD	86994.08			242.71		1121.31	24.71	<LOD	<LOD		<LOD	<LOD	<LOD		1520.79	<LOD		<LOD		<LOD	<LOD				1723.17		<LOD	<LOD	107.07	69.76

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	BP13-CU20	ppm	338	338.1	895091.63	<LOD		<LOD		<LOD	<LOD	666.34	<LOD		<LOD	<LOD		<LOD	80147.54			275.01		899.51	22.58	<LOD	<LOD		<LOD	<LOD	11.44		1983.58	<LOD		<LOD		61.99	<LOD				2342.7		373.26	<LOD	84	107.46
Butler 3	Niton XRF	BP13-CU20	ppm	338	338.05	868638.69	<LOD		<LOD	<LOD		<LOD	3855.63	<LOD		<LOD	169.6		<LOD	85490.23	<LOD	<LOD	27965.65		1785.69	<LOD	9.34	<LOD		<LOD	<LOD	17.63	<LOD	<LOD	<LOD		<LOD		<LOD	35.85	<LOD		<LOD	4179.57	<LOD	499.28	<LOD	95.93	97.94
Butler 3	Niton XRF	BP13-CU20	ppm	339	339.1	928047	<LOD		<LOD		<LOD	<LOD	213.79	<LOD		<LOD	<LOD		<LOD	64286.97			274.18		821.12	25.49	19.72	<LOD		<LOD	<LOD	<LOD		1578.12	<LOD		<LOD		<LOD	<LOD				3042.2		<LOD	<LOD	185.76	139.13
Butler 3	Niton XRF	BP13-CU20	ppm	340	340.1	862535.25	<LOD		<LOD		356.13	<LOD	626.47	<LOD		<LOD	<LOD		<LOD	109870.11			188.17		1555.57	<LOD	21.53	<LOD		<LOD	<LOD	11.19		2541.98	<LOD		<LOD		<LOD	<LOD				4227.83		350.93	<LOD	205.64	132.7
Butler 3	Niton XRF	BP13-CU20	ppm	341	341.1	866465.63	<LOD		<LOD		280.46	<LOD	885.73	<LOD		<LOD	<LOD		<LOD	113094.63			238.92		2385.74	<LOD	<LOD	<LOD		<LOD	<LOD	7.89		1873.5	<LOD		<LOD		<LOD	<LOD				3412.87		496.15	<LOD	555.26	136.01
Butler 3	Niton XRF	BP13-CU20	ppm	341	341.05	898957.81	<LOD		<LOD	<LOD		<LOD	2871.98	<LOD		<LOD	113.2		<LOD	63321.46	<LOD	<LOD	2885.81		1323.76	17.06	19.81	<LOD		<LOD	<LOD	3.19	<LOD	23655.84	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5552.7	<LOD	289.8	<LOD	213.65	161.17
Butler 3	Niton XRF	BP13-CU20	ppm	342	342.1	928921.25	<LOD		<LOD		<LOD	<LOD	123.68	<LOD		<LOD	105.57		<LOD	53654.18			508.67		1100.02	<LOD	<LOD	<LOD		<LOD	<LOD	10.93		1852.57	<LOD		<LOD		<LOD	<LOD				2081.48		<LOD	<LOD	353.34	176.61
Butler 3	Niton XRF	BP13-CU20	ppm	343	343.1	863430.25	<LOD		<LOD		<LOD	<LOD	404.34	<LOD		<LOD	<LOD		<LOD	129282.53			166.4		1408.58	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1717.98	<LOD		<LOD		<LOD	<LOD				2350.12		<LOD	<LOD	187.23	65.23
Butler 3	Niton XRF	BP13-CU20	ppm	344	344.1	890427.56	<LOD		<LOD		<LOD	<LOD	521.12	<LOD		<LOD	<LOD		<LOD	99106.87			215.04		921.02	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1804.84	<LOD		<LOD		<LOD	<LOD				4644.15		291.91	<LOD	522.32	166.58
Butler 3	Niton XRF	BP13-CU20	ppm	344	344.05	879117	<LOD		<LOD	<LOD		<LOD	3354.84	<LOD		<LOD	240.68		<LOD	112604.63	<LOD	<LOD	<LOD		1361.92	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2640.92	<LOD	320.13	<LOD	249.24	89.44
Butler 3	Niton XRF	BP13-CU20	ppm	345	345.1	866022.13	<LOD		<LOD		<LOD	<LOD	613.21	<LOD		<LOD	<LOD		136.7	121524.65			216.22		2838.04	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1633.9	<LOD		<LOD		<LOD	<LOD				5432.87		343.5	<LOD	498.76	195.94
Butler 3	Niton XRF	BP13-CU20	ppm	346	346.1	896993	<LOD		<LOD		<LOD	<LOD	157.31	<LOD		<LOD	<LOD		1777.56	84673.77			187.65		2227.1	<LOD	23.43	<LOD		<LOD	<LOD	4.79		2799.24	<LOD		<LOD		<LOD	<LOD				5637.73		<LOD	<LOD	343.38	176.46
Butler 3	Niton XRF	BP13-CU20	ppm	347	347.1	897157.31	<LOD		<LOD		<LOD	<LOD	401.56	<LOD		<LOD	<LOD		<LOD	93390.92			277.05		1098.52	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1479.39	<LOD		<LOD		<LOD	<LOD				3469.11		224.94	<LOD	375.35	160.31
Butler 3	Niton XRF	BP13-CU20	ppm	347	347.05	900519.13	<LOD		10.72	<LOD		<LOD	1723.8	<LOD		<LOD	138.49		<LOD	78911.23	<LOD	<LOD	10048.21		1389.65	<LOD	11.45	<LOD		<LOD	<LOD	6.59	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	6125.21	<LOD	528.18	<LOD	388.44	138.02
Butler 3	Niton XRF	BP13-CU20	ppm	348	348.1	876380	<LOD		<LOD		<LOD	<LOD	569.28	<LOD		<LOD	<LOD		<LOD	105449.88			235.8		1080.43	<LOD	<LOD	<LOD		<LOD	<LOD	6.57		<LOD	<LOD		<LOD		<LOD	<LOD				3922.47		318.89	<LOD	101.24	154.28
Butler 3	Niton XRF	BP13-CU20	ppm	349	349.1	895228.06	<LOD		<LOD		<LOD	<LOD	597.33	<LOD		<LOD	<LOD		<LOD	74271.84			447.18		398.9	<LOD	<LOD	<LOD		<LOD	<LOD	12.25		1284.49	<LOD		<LOD		<LOD	<LOD				2107.25		334.6	<LOD	64.29	157.18
Butler 3	Niton XRF	BP13-CU20	ppm	350	350.1	861037	<LOD		<LOD		162.56	<LOD	438.66	<LOD		<LOD	205.97		<LOD	51138.59			372.66		<LOD	<LOD	22.53	<LOD		<LOD	<LOD	77.66		4959.05	<LOD		<LOD		<LOD	246.16				4747.98		245.72	<LOD	<LOD	295.14
Butler 3	Niton XRF	BP13-CU20	ppm	350	350.05	810312.13	<LOD		<LOD	<LOD		<LOD	4500.31	<LOD		<LOD	128.26		<LOD	100875.39	<LOD	<LOD	50466.27		439.83	<LOD	12.53	<LOD		<LOD	<LOD	40.51	<LOD	27352.5	<LOD		<LOD		<LOD	43.51	<LOD		<LOD	5169.17	<LOD	495.56	<LOD	78.17	75.19
Butler 3	Niton XRF	BP13-CU20	ppm	351	351.1	945012.5	<LOD		<LOD		<LOD	<LOD	158.58	<LOD		<LOD	<LOD		<LOD	50829.32			837.93		709.5	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		653.66	<LOD		<LOD		<LOD	<LOD				1434.19		<LOD	<LOD	203.95	200.45
Butler 3	Niton XRF	BP13-CU20	ppm	352	352.1	898022.81	<LOD		<LOD		<LOD	<LOD	376.89	<LOD		<LOD	155.62		268.65	77987.02			220.17		1365.54	<LOD	<LOD	<LOD		<LOD	<LOD	4.62		2214.32	<LOD		<LOD		<LOD	<LOD				4837.9		<LOD	<LOD	201.62	177.67
Butler 3	Niton XRF	BP13-CU20	ppm	353	353.1	866484.38	<LOD		<LOD		<LOD	<LOD	554.58	<LOD		<LOD	<LOD		<LOD	121590.42			267.23		2874.76	<LOD	20.42	<LOD		<LOD	<LOD	<LOD		2210.01	<LOD		<LOD		54.35	<LOD				4593.66		310.66	<LOD	819.37	204.76
Butler 3	Niton XRF	BP13-CU20	ppm	354	354.1	869984.69	<LOD		<LOD		<LOD	<LOD	527.01	<LOD		<LOD	<LOD		<LOD	109721.19			219.52		1837.47	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2107.03	<LOD		<LOD		<LOD	<LOD				4171.15		295.21	<LOD	691.1	152.73
Butler 3	Niton XRF	BP13-CU20	ppm	355	355.1	987485.94	<LOD		<LOD		<LOD	<LOD	121.64	<LOD		<LOD	79.89		211.97	9441.63			235.19		327.29	19.38	<LOD	<LOD		<LOD	<LOD	<LOD		2081.47	<LOD		<LOD		<LOD	<LOD				197.37		68.14	<LOD	<LOD	<LOD
Butler 3	Niton XRF	BP13-CU20	ppm	356	356.1	856401.69	<LOD		<LOD		<LOD	<LOD	439.01	<LOD		<LOD	<LOD		<LOD	129825.55			225.6		5494.49	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2752.11	<LOD		<LOD		<LOD	<LOD				3751.23		<LOD	<LOD	277.34	141.16
Butler 3	Niton XRF	BP13-CU20	ppm	357	357.1	887520.19	<LOD		<LOD		<LOD	<LOD	286.9	<LOD		<LOD	<LOD		<LOD	101052.48			182.72		1454.1	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2579.02	<LOD		<LOD		<LOD	79.57				6270.22		<LOD	<LOD	255.87	191.1
Butler 3	Niton XRF	BP13-CU20	ppm	358	358.1	756959.81	<LOD		<LOD		<LOD	<LOD	588.33	<LOD		<LOD	<LOD		174	177157.42			198.19		2070.36	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2065.1	<LOD		<LOD		<LOD	<LOD				4142.79		329.56	<LOD	245.37	136.96
Butler 3	Niton XRF	BP13-CU20	ppm	359	359.1	928948.13	<LOD		<LOD		<LOD	<LOD	471.46	<LOD		<LOD	100.38		<LOD	61052.79			253.73		814.38	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2301.03	<LOD		<LOD		<LOD	<LOD				4027.59		264.1	<LOD	94.41	170.45
Butler 3	Niton XRF	BP13-CU20	ppm	360	360.1	778377.25	<LOD		<LOD		275.13	<LOD	1877.01	<LOD		<LOD	<LOD		<LOD	174624.58			234.12		6961.95	<LOD	<LOD	<LOD		<LOD	<LOD	8.21		2777.15	<LOD		<LOD		<LOD	<LOD				5078.83		1051.43	<LOD	393.25	198.33
Butler 3	Niton XRF	BP13-CU20	ppm	362	362.1	880797.13	<LOD		<LOD		<LOD	<LOD	846.07	<LOD		<LOD	<LOD		<LOD	103899.83			164.99		2798.21	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		5018.34	<LOD		<LOD		<LOD	<LOD				3250.92		473.94	<LOD	91.55	89.47
Butler 3	Niton XRF	BP13-CU20	ppm	363	363.1	896522.63	<LOD		<LOD		<LOD	<LOD	450.92	<LOD		<LOD	124.1		<LOD	85727.05			182.51		2510.79	<LOD	<LOD	<LOD		<LOD	<LOD	5.66		2868.32	<LOD		<LOD		<LOD	<LOD				5223.8		252.59	<LOD	179.54	159.03
Butler 3	Niton XRF	BP13-CU20	ppm	364	364.1	831228.13	<LOD		<LOD		327.3	<LOD	1045.71	<LOD		<LOD	<LOD		<LOD	128467.48			195.3		1718.78	<LOD	<LOD	<LOD		<LOD	<LOD	26.82		3211.31	<LOD		<LOD		<LOD	<LOD				7205.08		585.77	<LOD	210.45	234.71
Butler 3	Niton XRF	BP13-CU20	ppm	365	365.1	845868.94	<LOD		<LOD		304.1	<LOD	1555.43	<LOD		<LOD	<LOD		<LOD	128901.01			231.23		1444.22	<LOD	<LOD	<LOD		<LOD	<LOD	14.51		2371.44	<LOD		<LOD		<LOD	<LOD				4341.52		871.29	<LOD	307.29	167.45
Butler 3	Niton XRF	BP13-CU20	ppm	366	366.1	879733.69	<LOD		<LOD		301.68	<LOD	1040.65	<LOD		<LOD	<LOD		<LOD	92532.85			179.6		1305.18	<LOD	<LOD	<LOD		<LOD	<LOD	14.53		2753.75	<LOD		<LOD		<LOD	50.48				5615.71		582.93	<LOD	162.86	168.23
Butler 3	Niton XRF	BP13-CU20	ppm	367	367.1	795435.94	<LOD		<LOD		440.07	<LOD	1317.51	<LOD		<LOD	<LOD		<LOD	162387.33			184.93		1608.13	<LOD	<LOD	<LOD		<LOD	<LOD	15.01		<LOD	<LOD		<LOD		<LOD	<LOD				3999.65		738.02	<LOD	294.12	123.37
Butler 3	Niton XRF	BP13-CU20	ppm	368	368.1	802389.31	<LOD		<LOD		343.02	<LOD	573.5	<LOD		<LOD	<LOD		<LOD	133574.27			210.91		1443.58	<LOD	<LOD	<LOD		<LOD	<LOD	15.07		2440.22	<LOD		<LOD		66.73	59.06				4993.05		321.25	<LOD	185.44	175.65
Butler 3	Niton XRF	BP13-CU20	ppm	369	369.1	882798	<LOD		<LOD		178.31	<LOD	458.35	<LOD		<LOD	<LOD		<LOD	79053.75			177.79		1975.58	<LOD	<LOD	<LOD		<LOD	<LOD	19.45		5153.94	<LOD		<LOD		<LOD	125				4192.24		256.75	<LOD	137.52	124.32
Butler 3	Niton XRF	BP13-CU20	ppm	370	370.1	891376.81	<LOD		<LOD		<LOD	<LOD	429.43	<LOD		<LOD	<LOD		<LOD	92933.05			168.41		1014.63	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2336.19	<LOD		<LOD		<LOD	<LOD				3701.01		240.55	<LOD	152.97	103.96
Butler 3	Niton XRF	BP13-CU20	ppm	371	371.1	876097.19	<LOD		<LOD		186.89	<LOD	417.25	<LOD		<LOD	<LOD		<LOD	107738.36			185.87		1746.87	<LOD	<LOD	<LOD		<LOD	<LOD	5.66		1570.15	<LOD		<LOD		<LOD	<LOD				3694.48		<LOD	<LOD	183.82	114.54
Butler 3	Niton XRF	BP13-CU20	ppm	372	372.1	887882.81	<LOD		<LOD		229.04	<LOD	688.39	<LOD		<LOD	<LOD		<LOD	92756.28			249.46		938.58	<LOD	<LOD	<LOD		<LOD	<LOD	13.66		2347.12	<LOD		<LOD		<LOD	57.72				3159.38		385.61	<LOD	164.6	131.46
Butler 3	Niton XRF	BP13-CU20	ppm	373	373.1	833676.44	<LOD		<LOD		<LOD	<LOD	888.92	<LOD		<LOD	<LOD		<LOD	127346.04			242.7		1842.78	<LOD	<LOD	<LOD		<LOD	<LOD	10.42		<LOD	<LOD		<LOD		<LOD	<LOD				4888.3		497.94	<LOD	323.25	197.89
Butler 3	Niton XRF	BP13-CU20	ppm	374	374.1	866110.56	<LOD		<LOD		292.89	<LOD	1341.71	<LOD		<LOD	<LOD		<LOD	105036.51			200.8		1108.23	<LOD	<LOD	<LOD		<LOD	<LOD	20.95		3362.38	<LOD		<LOD		<LOD	73.73				4078.1		751.57	<LOD	172.39	136.59
Butler 3	Niton XRF	BP13-CU20	ppm	375	375.1	858795.56	<LOD		<LOD		<LOD	<LOD	642.42	<LOD		<LOD	<LOD		136.39	111987.83			236		1025.29	<LOD	<LOD	<LOD		<LOD	<LOD	7.79		1808.65	<LOD		<LOD		<LOD	<LOD				3844.62		359.86	<LOD	139.88	151.34
Butler 3	Niton XRF	BP13-CU20	ppm	376	376.1	910925.63	<LOD		<LOD		<LOD	<LOD	717.61	<LOD		<LOD	<LOD		<LOD	64982.93			311.65		1656.57	<LOD	25.35	<LOD		<LOD	<LOD	<LOD		17957.02	<LOD		<LOD		<LOD	44.27				2028.3		401.98	<LOD	210.04	105.44
Butler 3	Niton XRF	BP13-CU20	ppm	377	377.1	897875.81	<LOD		<LOD		<LOD	<LOD	821.19	<LOD		<LOD	<LOD		<LOD	82346.39			219.3		761.64	<LOD	17.73	<LOD		<LOD	<LOD	7.76		1615.15	<LOD		<LOD		<LOD	84.01				3462.87		460	<LOD	179.19	126.67
Butler 3	Niton XRF	BP13-CU20	ppm	378	378.1	778773.56	<LOD		<LOD		<LOD	<LOD	653.95	<LOD		<LOD	<LOD		<LOD	124343.13			225.97		677.23	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1693.23	<LOD		<LOD		<LOD	<LOD				4948.36		366.31	<LOD	153.03	186.51
Butler 3	Niton XRF	BP13-CU20	ppm	379	379.1	895618.38	<LOD		<LOD		348.52	<LOD	757.31	<LOD		<LOD	127.16		<LOD	72593.27			168.92		600.21	<LOD	<LOD	<LOD		<LOD	<LOD	15.34		1807.95	<LOD		<LOD		<LOD	64.24				4897.9		424.22	<LOD	133.39	138
Butler 3	Niton XRF	BP13-CU20	ppm	380	380.1	850213.63	<LOD		<LOD		<LOD	<LOD	1054.25	<LOD		<LOD	<LOD		<LOD	120933.38			179.87		734.07	<LOD	<LOD	<LOD		<LOD	<LOD	5.74		1491.2	<LOD		<LOD		<LOD	<LOD				5032.33		590.55	<LOD	97.08	150.98
Butler 3	Niton XRF	BP13-CU20	ppm	381	381.1	958386.75	<LOD		<LOD		204.8	<LOD	498.31	<LOD		<LOD	83.94		<LOD	23485.45			273.22		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.83		<LOD	<LOD		<LOD		<LOD	<LOD				3763.13		279.13	<LOD	<LOD	171.5
Butler 3	Niton XRF	BP13-CU20	ppm	382	382.1	896512.63	<LOD		<LOD		<LOD	<LOD	477.29	<LOD		<LOD	<LOD		<LOD	88291.65			207.61		1240.84	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		10119.33	<LOD		<LOD		<LOD	<LOD				3042.85		267.36	<LOD	222.88	105.37
Butler 3	Niton XRF	BP13-CU20	ppm	383	383.1	821093.81	<LOD		<LOD		<LOD	<LOD	514.72	<LOD		<LOD	<LOD		244.06	152556.05			196.71		2033.83	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2778.78	<LOD		<LOD		<LOD	<LOD				3948.98		<LOD	<LOD	171.19	129.57
Butler 3	Niton XRF	BP13-CU20	ppm	384	384.1	828530.75	<LOD		<LOD		240.48	<LOD	565.77	<LOD		<LOD	<LOD		<LOD	159590.36			112.18		1447.23	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		1897.83	<LOD		<LOD		<LOD	<LOD				4346.37		316.92	<LOD	232.14	81.33
Butler 3	Niton XRF	BP13-CU20	ppm	385	385.1	898884.13	<LOD		<LOD		266.33	<LOD	954.08	<LOD		<LOD	<LOD		<LOD	77318.72			133.85		729.72	28.72	<LOD	<LOD		<LOD	<LOD	12.57		2422.44	<LOD		<LOD		<LOD	44.07				5967.8		534.44	<LOD	121.71	133.24
Butler 3	Niton XRF	BP13-CU20	ppm	386	386.1	916587.13	<LOD		<LOD		<LOD	<LOD	581.02	<LOD		<LOD	<LOD		<LOD	67779.36			239.89		702.97	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		2651.15	<LOD		<LOD		<LOD	<LOD				4133.41		325.46	<LOD	211.88	165.4
Butler 3	Niton XRF	BP13-CU20	ppm	387	387.1	849919.44	<LOD		<LOD		<LOD	<LOD	659.6	<LOD		<LOD	<LOD		447.96	117058.78			253.36		550.01	<LOD	18.57	<LOD		<LOD	<LOD	13.86		9390.05	<LOD		<LOD		<LOD	<LOD				4276.68		369.48	<LOD	156.33	180.73
Butler 3	Niton XRF	BP13-CU20	ppm	388	388.1	867214.88	<LOD		<LOD		226.37	<LOD	471.41	<LOD		<LOD	<LOD		<LOD	113985.02			220.38		733.01	<LOD	<LOD	<LOD		<LOD	<LOD	10.54		2432.09	<LOD		<LOD		<LOD	<LOD				5764.1		<LOD	<LOD	156.13	211.88
Butler 3	Niton XRF	BP13-CU20	ppm	391	391.1	902567.13	<LOD		<LOD		<LOD	<LOD	511.1	<LOD		<LOD	<LOD		561.23	76738.99			292.44		460.91	<LOD	<LOD	<LOD		<LOD	<LOD	9.04		9746.39	<LOD		<LOD		<LOD	76.46				1666.93		286.3	<LOD	99.86	81.31
Butler 3	Niton XRF	BP13-CU20	ppm	392	392.1	900662.56	<LOD		<LOD		<LOD	<LOD	489.97	<LOD		<LOD	<LOD		<LOD	89973.98			159.32		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		3146.49	<LOD		<LOD		<LOD	<LOD				4955.58		274.46	<LOD	150.69	131.7
Butler 3	Niton XRF	BP13-CU20	ppm	393	393.1	903666.06	<LOD		<LOD		<LOD	<LOD	491.16	<LOD		<LOD	176.45		<LOD	66207.3			165.07		<LOD	<LOD	36.41	<LOD		<LOD	<LOD	<LOD		22370.72	<LOD		<LOD		<LOD	62.99				4358.64		275.13	<LOD	242.35	120.01
Butler 3	Niton XRF	BP13-CU20	ppm	394	394.1	863214.31	16.89		<LOD		<LOD	<LOD	443.72	<LOD		<LOD	<LOD		15220.9	88208.91			164.89		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		3209.78	<LOD		<LOD		<LOD	<LOD				3521.22		248.56	<LOD	<LOD	96.85
Butler 3	Niton XRF	MN10-138	ppm	9	9.1	866657.94	<LOD	<LOD	<LOD	<LOD	280	<LOD	30138.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83648.95	<LOD	<LOD	11079.18	<LOD	2474	<LOD	20	<LOD	<LOD	40	<LOD	9.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	201	<LOD	<LOD	<LOD	4668.24	<LOD	<LOD	<LOD	128	228.98
Butler 3	Niton XRF	MN10-138	ppm	10	10.1	873819.88	<LOD	<LOD	<LOD	<LOD	315	<LOD	29595.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71775.63	<LOD	<LOD	17127.04	<LOD	1854	<LOD	21	<LOD	<LOD	<LOD	<LOD	16.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	281	<LOD	<LOD	<LOD	4416.82	<LOD	<LOD	<LOD	178	229.16
Butler 3	Niton XRF	MN10-138	ppm	11	11.1	836068.88	<LOD	<LOD	<LOD	<LOD	264	<LOD	22951.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101702.59	<LOD	<LOD	29942.14	<LOD	2121	<LOD	28	<LOD	<LOD	<LOD	<LOD	36.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	174	<LOD	<LOD	<LOD	5222.69	<LOD	337.86	<LOD	231	239.17
Butler 3	Niton XRF	MN10-138	ppm	12	12.1	888564	<LOD	<LOD	<LOD	<LOD	193	<LOD	4714.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90463.52	<LOD	<LOD	8341.42	<LOD	2476	<LOD	21	<LOD	<LOD	<LOD	<LOD	13.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4111.76	<LOD	<LOD	<LOD	416	218.8
Butler 3	Niton XRF	MN10-138	ppm	13	13.1	863302	<LOD	<LOD	<LOD	<LOD	308	<LOD	29601.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74063.72	<LOD	<LOD	25139	<LOD	1037	<LOD	20	<LOD	<LOD	48	<LOD	25.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	343	<LOD	<LOD	<LOD	5263.87	<LOD	<LOD	<LOD	193	223.8
Butler 3	Niton XRF	MN10-138	ppm	14	14.1	891599.88	<LOD	<LOD	<LOD	<LOD	228	<LOD	4889.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83172.37	<LOD	<LOD	12904.96	<LOD	1519	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	4171.03	<LOD	<LOD	<LOD	390	204.34
Butler 3	Niton XRF	MN10-138	ppm	15	15.1	902321.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10026.87	<LOD	<LOD	<LOD	<LOD	<LOD	167	73153.48	<LOD	<LOD	6968.37	<LOD	744	<LOD	23	<LOD	<LOD	52	<LOD	5.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	4950.14	<LOD	<LOD	<LOD	407	239.91
Butler 3	Niton XRF	MN10-138	ppm	16	16.1	859823.81	<LOD	<LOD	<LOD	<LOD	228	<LOD	3590.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111720.2	<LOD	<LOD	16110.51	<LOD	1727	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4897.58	<LOD	310.59	<LOD	1179	225.14
Butler 3	Niton XRF	MN10-138	ppm	17	17.1	866897.13	<LOD	<LOD	<LOD	<LOD	240	<LOD	3300.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111942.24	<LOD	<LOD	7915.21	<LOD	3581	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4766.54	<LOD	<LOD	<LOD	628	229.33
Butler 3	Niton XRF	MN10-138	ppm	18	18.1	841651.81	<LOD	<LOD	<LOD	<LOD	208	<LOD	6577.99	<LOD	<LOD	<LOD	157.02	<LOD	<LOD	112392.54	<LOD	<LOD	21751.67	<LOD	1117	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	6342.69	<LOD	302.17	<LOD	112	278.69
Butler 3	Niton XRF	MN10-138	ppm	19	19.1	835179.13	<LOD	<LOD	<LOD	<LOD	242	<LOD	4701.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144421.73	<LOD	<LOD	5182.87	<LOD	3288	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5467.58	<LOD	<LOD	<LOD	688	270.39
Butler 3	Niton XRF	MN10-138	ppm	20	20.1	903057.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2567.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86079.44	<LOD	<LOD	<LOD	<LOD	2088	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3223.23	<LOD	<LOD	<LOD	345	148.54
Butler 3	Niton XRF	MN10-138	ppm	21	21.1	858915.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2876.46	<LOD	<LOD	<LOD	<LOD	<LOD	143	104740.32	<LOD	<LOD	<LOD	<LOD	1713	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24635	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5760.86	<LOD	<LOD	<LOD	330	240.86
Butler 3	Niton XRF	MN10-138	ppm	22	22.1	893924.56	<LOD	<LOD	<LOD	<LOD	280	<LOD	2656.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74680.19	<LOD	<LOD	22275.22	<LOD	1123	<LOD	19	<LOD	<LOD	53	<LOD	12.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3856.72	<LOD	294.36	<LOD	236	253.84
Butler 3	Niton XRF	MN10-138	ppm	23	23.1	927067.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1320.22	<LOD	<LOD	<LOD	113.22	<LOD	<LOD	50058.06	<LOD	<LOD	16734.82	<LOD	1112	<LOD	24	<LOD	<LOD	<LOD	<LOD	11.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2652.26	<LOD	<LOD	<LOD	182	301.85
Butler 3	Niton XRF	MN10-138	ppm	24	24.1	840102.25	<LOD	<LOD	<LOD	<LOD	397	<LOD	2156.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113302.88	<LOD	<LOD	29298.61	<LOD	2062	<LOD	34	<LOD	<LOD	<LOD	<LOD	23.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5857.81	<LOD	497.77	<LOD	494	268.94
Butler 3	Niton XRF	MN10-138	ppm	25	25.1	919045	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1858.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62053.05	<LOD	<LOD	11395.81	<LOD	846	<LOD	24	<LOD	<LOD	<LOD	<LOD	7.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	3302.02	<LOD	<LOD	<LOD	432	293.65
Butler 3	Niton XRF	MN10-138	ppm	26	26.1	874439.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3387.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106157	<LOD	<LOD	6055.12	<LOD	2008	<LOD	26	<LOD	<LOD	<LOD	<LOD	6.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6094.46	<LOD	<LOD	<LOD	557	230.17
Butler 3	Niton XRF	MN10-138	ppm	27	27.1	903773.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4561.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81008.87	<LOD	<LOD	2627.65	<LOD	1915	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4849.31	<LOD	<LOD	<LOD	387	166.3
Butler 3	Niton XRF	MN10-138	ppm	28	28.1	869613.06	<LOD	<LOD	<LOD	<LOD	193	<LOD	3715.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98720.23	<LOD	<LOD	5984.83	<LOD	1998	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5338.13	<LOD	<LOD	<LOD	467	244.81
Butler 3	Niton XRF	MN10-138	ppm	29	29.1	854916.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2888.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132749.98	<LOD	<LOD	<LOD	<LOD	2459	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4734	<LOD	315.5	<LOD	1012	180.01
Butler 3	Niton XRF	MN10-138	ppm	30	30.1	871477.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3595.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115760.13	<LOD	<LOD	<LOD	<LOD	1569	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5577.09	<LOD	304.02	<LOD	441	187.47
Butler 3	Niton XRF	MN10-138	ppm	31	31.1	898252.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4227.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77253.13	<LOD	<LOD	2406.76	<LOD	1188	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6388.16	<LOD	<LOD	<LOD	2382	263.23
Butler 3	Niton XRF	MN10-138	ppm	32	32.1	862865.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3218.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123969.37	<LOD	<LOD	<LOD	<LOD	2856	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3775.84	<LOD	<LOD	<LOD	1511	157.85
Butler 3	Niton XRF	MN10-138	ppm	33	33.1	932617.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2057.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60049.01	<LOD	<LOD	<LOD	<LOD	1239	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2997.64	<LOD	<LOD	<LOD	139	146.01
Butler 3	Niton XRF	MN10-138	ppm	34	34.1	842991.56	<LOD	<LOD	<LOD	<LOD	370	<LOD	21189.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107204.32	<LOD	<LOD	18378.65	<LOD	1368	<LOD	<LOD	<LOD	<LOD	46	<LOD	13.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	7030.68	<LOD	496.69	<LOD	343	166.17
Butler 3	Niton XRF	MN10-138	ppm	35	35.1	908287.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5395.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74144.88	<LOD	<LOD	3989.21	<LOD	1794	<LOD	19	<LOD	<LOD	<LOD	<LOD	5.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	5234.57	<LOD	<LOD	<LOD	183	220.05
Butler 3	Niton XRF	MN10-138	ppm	36	36.1	855544.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2666.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128741.56	<LOD	<LOD	5536.51	<LOD	1628	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4835.88	<LOD	<LOD	<LOD	474	171.48
Butler 3	Niton XRF	MN10-138	ppm	37	37.1	935294.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5040.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51569.25	<LOD	<LOD	<LOD	<LOD	1838	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	4826.57	<LOD	<LOD	<LOD	183	240.22
Butler 3	Niton XRF	MN10-138	ppm	38	38.1	876743.94	<LOD	<LOD	<LOD	<LOD	342	<LOD	3886.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92151.9	<LOD	<LOD	18307.83	<LOD	1710	<LOD	19	<LOD	<LOD	<LOD	<LOD	12.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4671.5	<LOD	247.87	<LOD	1459	195.11
Butler 3	Niton XRF	MN10-138	ppm	39	39.1	927602.88	<LOD	<LOD	<LOD	<LOD	155	<LOD	2315.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53981.11	<LOD	<LOD	10481.38	<LOD	1134	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	3271.07	<LOD	<LOD	<LOD	364	158.38
Butler 3	Niton XRF	MN10-138	ppm	40	40.1	900288.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2298.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83276.7	<LOD	<LOD	7425.67	<LOD	766	<LOD	<LOD	<LOD	<LOD	46	<LOD	7.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2243.49	<LOD	378.05	<LOD	2746	90.39
Butler 3	Niton XRF	MN10-138	ppm	41	41.1	812547.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4235.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	158632.67	<LOD	<LOD	4636.3	<LOD	1193	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7334.23	<LOD	479.13	<LOD	676	133.5
Butler 3	Niton XRF	MN10-138	ppm	42	42.1	808993.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3183.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	158022.17	<LOD	<LOD	<LOD	<LOD	509	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20298	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4416.87	<LOD	363.89	<LOD	614	190.72
Butler 3	Niton XRF	MN10-138	ppm	43	43.1	895672.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3129.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89333.89	<LOD	<LOD	4770.53	<LOD	508	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5104.24	<LOD	<LOD	<LOD	462	231.77
Butler 3	Niton XRF	MN10-138	ppm	44	44.1	780140	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5262.88	<LOD	<LOD	<LOD	<LOD	<LOD	222	149313.27	<LOD	<LOD	31999.22	<LOD	841	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.06	<LOD	24063	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	6553.14	<LOD	383.17	<LOD	554	161.37
Butler 3	Niton XRF	MN10-138	ppm	45	45.1	845643.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3277.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134063.53	<LOD	<LOD	8294.43	<LOD	1567	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5475.02	<LOD	335.43	<LOD	728	120.55
Butler 3	Niton XRF	MN10-138	ppm	46	46.1	846385.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2714.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94219.15	<LOD	<LOD	6858.53	<LOD	740	<LOD	21	<LOD	<LOD	<LOD	<LOD	7.83	<LOD	44172	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	3129.97	<LOD	240.44	<LOD	951	75.37
Butler 3	Niton XRF	MN10-138	ppm	47	47.1	797609.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2410.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143962.11	<LOD	<LOD	5339.67	<LOD	1017	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39434	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8278.15	<LOD	<LOD	<LOD	956	130.05
Butler 3	Niton XRF	MN10-138	ppm	48	48.1	889549.25	<LOD	<LOD	<LOD	<LOD	192	<LOD	3096.31	<LOD	<LOD	<LOD	117.96	<LOD	282	78349.75	<LOD	<LOD	6616.84	<LOD	724	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16067	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3072.95	<LOD	221.26	<LOD	1419	112.92
Butler 3	Niton XRF	MN10-138	ppm	49	49.1	761752.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3433.18	<LOD	<LOD	<LOD	<LOD	<LOD	285	146497.48	<LOD	<LOD	39619.79	<LOD	812	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.87	<LOD	37605	<LOD	<LOD	<LOD	<LOD	<LOD	88	<LOD	<LOD	<LOD	8228.48	<LOD	515.98	<LOD	488	103.83

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	MN10-138	ppm	50	50.1	825094.13	<LOD	<LOD	<LOD	<LOD	230	<LOD	17170.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128179.05	<LOD	<LOD	6218.34	<LOD	1030	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	<LOD	7132.09	<LOD	402.76	<LOD	907	110.28
Butler 3	Niton XRF	MN10-138	ppm	51	51.1	826293.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3239.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146007.91	<LOD	<LOD	<LOD	<LOD	1852	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8413.79	<LOD	686.05	<LOD	715	130.67
Butler 3	Niton XRF	MN10-138	ppm	52	52.1	883276.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2939.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103853.75	<LOD	<LOD	<LOD	<LOD	1970	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5265.49	<LOD	<LOD	<LOD	323	142.8
Butler 3	Niton XRF	MN10-138	ppm	53	53.1	859201.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2665.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127731.71	<LOD	<LOD	<LOD	<LOD	3080	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5172.87	<LOD	448.28	<LOD	679	136.52
Butler 3	Niton XRF	MN10-138	ppm	54	54.1	906037.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2721.1	<LOD	<LOD	<LOD	<LOD	<LOD	178	75797.68	<LOD	<LOD	<LOD	<LOD	1730	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6078.25	<LOD	261.59	<LOD	442	151.65
Butler 3	Niton XRF	MN10-138	ppm	55	55.1	685832	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6387.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	199172.02	<LOD	<LOD	7564	<LOD	2014	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49979	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10432.22	<LOD	<LOD	<LOD	37681	127.39
Butler 3	Niton XRF	MN10-138	ppm	56	56.1	911942.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12787.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49338.34	<LOD	<LOD	21090.51	<LOD	1877	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	2055.52	<LOD	<LOD	<LOD	304	110.01
Butler 3	Niton XRF	MN10-138	ppm	57	57.1	947959.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2947.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40388.97	<LOD	<LOD	1926.76	<LOD	3277	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2856.33	<LOD	<LOD	<LOD	236	152.72
Butler 3	Niton XRF	MN10-138	ppm	58	58.1	930661	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3562.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45720.93	<LOD	<LOD	12370.6	<LOD	3627	<LOD	16	<LOD	<LOD	<LOD	<LOD	6.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3266.77	<LOD	<LOD	<LOD	240	129.36
Butler 3	Niton XRF	MN10-138	ppm	59	59.1	927703.56	<LOD	<LOD	<LOD	<LOD	149	<LOD	2829.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49204.34	<LOD	<LOD	16531.29	<LOD	509	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2497	<LOD	191.63	<LOD	140	102.89
Butler 3	Niton XRF	MN10-138	ppm	60	60.1	915439.94	<LOD	<LOD	<LOD	<LOD	1010	<LOD	3587.32	<LOD	<LOD	<LOD	108.19	<LOD	<LOD	34407.35	<LOD	<LOD	39724.15	<LOD	1060	<LOD	<LOD	<LOD	<LOD	35	<LOD	14.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	3824.94	<LOD	301.07	<LOD	135	122.71
Butler 3	Niton XRF	MN10-138	ppm	61	61.1	909602.81	<LOD	<LOD	<LOD	<LOD	316	<LOD	16767.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40305.18	<LOD	<LOD	27517.34	<LOD	1230	<LOD	<LOD	<LOD	<LOD	52	<LOD	26.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124	<LOD	<LOD	<LOD	3173.07	<LOD	164.59	<LOD	172	120.19
Butler 3	Niton XRF	MN10-138	ppm	62	62.1	916503.06	<LOD	<LOD	<LOD	<LOD	226	<LOD	11353.06	<LOD	<LOD	<LOD	121.47	<LOD	129	49925.71	<LOD	<LOD	14955.26	<LOD	3414	<LOD	<LOD	<LOD	<LOD	36	<LOD	12.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	<LOD	2769.7	<LOD	<LOD	<LOD	108	152.15
Butler 3	Niton XRF	MN10-138	ppm	63	63.1	926711.13	<LOD	<LOD	<LOD	<LOD	188	<LOD	8363.88	<LOD	<LOD	<LOD	84.46	<LOD	<LOD	38780.84	<LOD	<LOD	21154.61	<LOD	1720	<LOD	<LOD	<LOD	<LOD	31	<LOD	14.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	2290.57	<LOD	150.65	<LOD	210	148.96
Butler 3	Niton XRF	MN10-138	ppm	64	64.1	998603.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	874.04	<LOD	<LOD	<LOD	93.64	<LOD	<LOD	314.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45.25	<LOD	38.89	<LOD	<LOD	<LOD
Butler 3	Niton XRF	MN10-138	ppm	65	65.1	912809.5	<LOD	<LOD	<LOD	<LOD	218	<LOD	19060.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37281.58	<LOD	<LOD	24593.04	<LOD	1999	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	3299.21	<LOD	<LOD	<LOD	83	123.66
Butler 3	Niton XRF	MN10-138	ppm	66	66.1	944440	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7062.84	<LOD	<LOD	<LOD	115.19	<LOD	<LOD	34090.36	<LOD	<LOD	5558.52	<LOD	4814	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	3055.05	<LOD	<LOD	<LOD	193	207.85
Butler 3	Niton XRF	MN10-138	ppm	67	67.1	901786.56	<LOD	<LOD	<LOD	<LOD	234	<LOD	5126.55	<LOD	<LOD	<LOD	113.18	<LOD	<LOD	59829.79	<LOD	<LOD	27857.16	<LOD	1422	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	2733.35	<LOD	<LOD	<LOD	281	147.67
Butler 3	Niton XRF	MN10-138	ppm	68	68.1	900743	<LOD	<LOD	<LOD	<LOD	267	<LOD	7368.01	<LOD	<LOD	<LOD	111.71	<LOD	<LOD	69538.14	<LOD	<LOD	15990.97	<LOD	2071	<LOD	16	<LOD	<LOD	<LOD	<LOD	12.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	3239.11	<LOD	<LOD	<LOD	215	149.43
Butler 3	Niton XRF	MN10-138	ppm	69	69.1	897048.06	<LOD	<LOD	<LOD	<LOD	230	<LOD	2136.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65736.22	<LOD	<LOD	29244.19	<LOD	978	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3781.67	<LOD	<LOD	<LOD	126	172.47
Butler 3	Niton XRF	MN10-138	ppm	70	70.1	865493.38	<LOD	<LOD	<LOD	<LOD	577	<LOD	3107.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87626.82	<LOD	<LOD	36578.77	<LOD	1538	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4221.22	<LOD	254.96	<LOD	257	141.7
Butler 3	Niton XRF	MN10-138	ppm	71	71.1	812855.06	<LOD	<LOD	<LOD	<LOD	436	<LOD	12972.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120365.08	<LOD	<LOD	41189.31	<LOD	3195	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7859.86	<LOD	<LOD	<LOD	530	275.41
Butler 3	Niton XRF	MN10-138	ppm	72	72.1	876920.31	<LOD	<LOD	<LOD	<LOD	396	<LOD	30263.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47068.24	<LOD	<LOD	39152.82	<LOD	1395	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD	<LOD	<LOD	3839.22	<LOD	<LOD	<LOD	160	123.54
Butler 3	Niton XRF	MN10-138	ppm	73	73.1	890761.06	<LOD	<LOD	<LOD	<LOD	304	<LOD	26789.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40855.2	<LOD	<LOD	35698.65	<LOD	1138	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	175	<LOD	<LOD	<LOD	3652.43	<LOD	184.34	<LOD	153	115.46
Butler 3	Niton XRF	MN10-138	ppm	74	74.1	899367.69	<LOD	<LOD	<LOD	<LOD	350	<LOD	16926.09	<LOD	<LOD	<LOD	90.58	<LOD	<LOD	39136.64	<LOD	<LOD	39351.54	<LOD	1128	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	243	<LOD	<LOD	<LOD	2868.49	<LOD	166.42	<LOD	118	148.25
Butler 3	Niton XRF	MN10-138	ppm	75	75.1	907550	<LOD	<LOD	<LOD	<LOD	511	<LOD	5993.56	<LOD	<LOD	<LOD	95.43	<LOD	<LOD	46098.96	<LOD	<LOD	33901.59	<LOD	1996	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73	<LOD	<LOD	<LOD	3175.54	<LOD	177.21	<LOD	123	205.75
Butler 3	Niton XRF	MN10-138	ppm	76	76.1	925560.25	<LOD	<LOD	<LOD	<LOD	227	<LOD	7741.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38793.7	<LOD	<LOD	22672.24	<LOD	1829	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2569.77	<LOD	<LOD	<LOD	126	145.39
Butler 3	Niton XRF	MN10-138	ppm	77	77.1	891333.94	<LOD	<LOD	<LOD	<LOD	865	<LOD	21813.64	<LOD	<LOD	<LOD	91.7	<LOD	<LOD	44986.14	<LOD	<LOD	33440.89	<LOD	1964	<LOD	17	<LOD	<LOD	<LOD	<LOD	27.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	4488.1	<LOD	286.84	<LOD	157	202.08
Butler 3	Niton XRF	MN10-138	ppm	78	78.1	838156.88	<LOD	<LOD	<LOD	<LOD	462	<LOD	39571.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67147.4	<LOD	<LOD	35804.27	<LOD	11966	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75	<LOD	<LOD	<LOD	6048.27	<LOD	<LOD	<LOD	255	105.57
Butler 3	Niton XRF	MN10-138	ppm	79	79.1	898374.69	<LOD	<LOD	<LOD	<LOD	194	<LOD	6826.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62156.47	<LOD	<LOD	20186.81	<LOD	3592	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4853.36	<LOD	<LOD	<LOD	316	159.79
Butler 3	Niton XRF	MN10-138	ppm	80	80.1	906381.25	<LOD	<LOD	<LOD	<LOD	224	<LOD	25851.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42936.4	<LOD	<LOD	18624.69	<LOD	1523	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130	<LOD	<LOD	<LOD	3815.06	<LOD	<LOD	<LOD	217	95.48
Butler 3	Niton XRF	MN10-138	ppm	81	81.1	888314.44	<LOD	<LOD	<LOD	<LOD	620	<LOD	33121.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40413.64	<LOD	<LOD	30770.47	<LOD	1318	<LOD	<LOD	<LOD	<LOD	34	<LOD	26.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	232	<LOD	<LOD	<LOD	4288.22	<LOD	231.57	<LOD	151	145.47
Butler 3	Niton XRF	MN10-138	ppm	82	82.1	906547.75	<LOD	<LOD	<LOD	<LOD	1247	<LOD	15926.78	<LOD	<LOD	<LOD	110.21	<LOD	<LOD	37998.66	<LOD	<LOD	32832.45	<LOD	1055	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	189	<LOD	<LOD	<LOD	3213.95	<LOD	405.08	<LOD	102	207.92
Butler 3	Niton XRF	MN10-138	ppm	83	83.1	899265.75	<LOD	<LOD	<LOD	<LOD	662	<LOD	7301.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59396.38	<LOD	<LOD	26633.56	<LOD	1158	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	4549.29	<LOD	326.13	<LOD	177	122.74
Butler 3	Niton XRF	MN10-138	ppm	84	84.1	895218.75	<LOD	<LOD	<LOD	<LOD	907	<LOD	28594.46	<LOD	<LOD	<LOD	95.18	<LOD	<LOD	36852.74	<LOD	<LOD	32497.72	<LOD	1550	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	3455.48	<LOD	298.15	<LOD	134	154.07
Butler 3	Niton XRF	MN10-138	ppm	85	85.1	933812.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6115.97	<LOD	<LOD	<LOD	84.96	<LOD	<LOD	41812.73	<LOD	<LOD	11600.12	<LOD	2644	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3285.74	<LOD	<LOD	<LOD	156	140.38
Butler 3	Niton XRF	MN10-138	ppm	86	86.1	932788.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8161.49	<LOD	<LOD	<LOD	104.9	<LOD	<LOD	42466.08	<LOD	<LOD	7995.56	<LOD	4609	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2979.27	<LOD	<LOD	<LOD	125	131.81
Butler 3	Niton XRF	MN10-138	ppm	87	87.1	887907.19	<LOD	<LOD	<LOD	<LOD	271	<LOD	14771.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50539.8	<LOD	<LOD	34327.04	<LOD	2835	<LOD	19	<LOD	<LOD	48	<LOD	21.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	<LOD	5715.58	<LOD	<LOD	<LOD	2841	127.73
Butler 3	Niton XRF	MN10-138	ppm	88	88.1	883234.38	<LOD	<LOD	<LOD	<LOD	485	<LOD	11886.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65695.24	<LOD	<LOD	30756.33	<LOD	1524	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	5748.76	<LOD	<LOD	<LOD	161	136.89
Butler 3	Niton XRF	MN10-138	ppm	89	89.1	909102.13	<LOD	<LOD	<LOD	<LOD	215	<LOD	14241.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50041.92	<LOD	<LOD	17146.88	<LOD	4105	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	4362.9	<LOD	<LOD	<LOD	112	121.06
Butler 3	Niton XRF	MN10-138	ppm	90	90.1	905770.75	<LOD	<LOD	<LOD	<LOD	376	<LOD	10931.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50751.14	<LOD	<LOD	25531.82	<LOD	2483	<LOD	20	<LOD	<LOD	<LOD	<LOD	26.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	3350.92	<LOD	186.11	<LOD	167	126.28
Butler 3	Niton XRF	MN10-138	ppm	91	91.1	913801.06	<LOD	<LOD	<LOD	<LOD	262	<LOD	7265.45	<LOD	<LOD	<LOD	120.95	<LOD	<LOD	54813.89	<LOD	<LOD	18794.08	<LOD	539	<LOD	19	<LOD	<LOD	<LOD	<LOD	15.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	3930.54	<LOD	<LOD	<LOD	59	165.8
Butler 3	Niton XRF	MN10-138	ppm	92	92.1	928887.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2967.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40772.64	<LOD	<LOD	22413.24	<LOD	1274	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	2231.45	<LOD	<LOD	<LOD	402	149.47
Butler 3	Niton XRF	MN10-138	ppm	93	93.1	841057	<LOD	<LOD	<LOD	<LOD	375	<LOD	6601.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95239.35	<LOD	<LOD	50148.88	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	37.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	3641.21	<LOD	<LOD	<LOD	1163	227.84
Butler 3	Niton XRF	MN10-138	ppm	94	94.1	932199.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7466.03	<LOD	<LOD	<LOD	141.36	<LOD	191	45804.93	<LOD	<LOD	8573.96	<LOD	1220	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3309.79	<LOD	184.46	<LOD	262	220.36
Butler 3	Niton XRF	MN10-138	ppm	95	95.1	864183.38	<LOD	<LOD	<LOD	<LOD	824	<LOD	10532.81	<LOD	<LOD	<LOD	204.28	<LOD	<LOD	67382.09	<LOD	<LOD	47852.13	<LOD	2184	<LOD	<LOD	<LOD	<LOD	51	<LOD	42.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	5155.22	<LOD	520.94	<LOD	500	180.79
Butler 3	Niton XRF	MN10-138	ppm	96	96.1	848520.06	<LOD	<LOD	<LOD	<LOD	621	<LOD	12428.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75836.72	<LOD	<LOD	54367.51	<LOD	1609	<LOD	<LOD	<LOD	<LOD	75	<LOD	49.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181	<LOD	<LOD	<LOD	5007.53	<LOD	416.07	<LOD	506	132.63
Butler 3	Niton XRF	MN10-138	ppm	97	97.1	905668.56	<LOD	<LOD	<LOD	<LOD	499	<LOD	14039.04	<LOD	<LOD	<LOD	211.06	<LOD	<LOD	42252.72	<LOD	<LOD	31041.76	<LOD	1334	<LOD	30	<LOD	<LOD	50	<LOD	19.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	172	<LOD	<LOD	<LOD	3857.66	<LOD	266.44	<LOD	189	152.47
Butler 3	Niton XRF	MN10-138	ppm	98	98.1	900012.13	<LOD	<LOD	<LOD	<LOD	960	<LOD	4758.41	<LOD	<LOD	<LOD	103.91	<LOD	<LOD	48512.32	<LOD	<LOD	39145.34	<LOD	1480	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	3889.59	<LOD	429.99	<LOD	352	112.41
Butler 3	Niton XRF	MN10-138	ppm	99	99.1	930897.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12748.98	<LOD	<LOD	<LOD	98.03	<LOD	209	42204.57	<LOD	<LOD	8198.56	<LOD	1841	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	2895.26	<LOD	<LOD	<LOD	191	197.06
Butler 3	Niton XRF	MN10-138	ppm	100	100.1	855783.19	<LOD	<LOD	<LOD	<LOD	328	<LOD	77407.08	<LOD	<LOD	<LOD	138.1	<LOD	<LOD	38091.76	<LOD	<LOD	23290.45	<LOD	1761	<LOD	16	<LOD	<LOD	<LOD	<LOD	23.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	2060.34	<LOD	197.72	<LOD	378	206.84
Butler 3	Niton XRF	MN10-138	ppm	101	101.1	823017.25	<LOD	<LOD	<LOD	<LOD	626	<LOD	59154.89	<LOD	<LOD	<LOD	131.28	<LOD	<LOD	61197.89	<LOD	<LOD	33165.94	<LOD	2324	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.01	<LOD	16238	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	3191.38	<LOD	301.16	<LOD	189	197.88
Butler 3	Niton XRF	MN10-138	ppm	102	102.1	919429.5	<LOD	<LOD	<LOD	<LOD	574	<LOD	5597.23	<LOD	<LOD	<LOD	116.74	<LOD	<LOD	36138.68	<LOD	<LOD	34627	<LOD	704	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	1902.3	<LOD	266.79	<LOD	248	162.09
Butler 3	Niton XRF	MN10-138	ppm	103	103.1	837654.06	<LOD	<LOD	<LOD	<LOD	1216	<LOD	21276.03	<LOD	<LOD	<LOD	236.19	<LOD	<LOD	82704.51	<LOD	<LOD	47248.78	<LOD	1133	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108	<LOD	<LOD	<LOD	6766.44	<LOD	493.33	<LOD	595	159.59
Butler 3	Niton XRF	MN10-138	ppm	104	104.1	914210.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10531.7	<LOD	<LOD	<LOD	173.95	<LOD	<LOD	52759.76	<LOD	<LOD	10134.71	<LOD	3018	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	3133.45	<LOD	227.54	<LOD	383	117.58
Butler 3	Niton XRF	MN10-138	ppm	105	105.1	857546.38	<LOD	<LOD	<LOD	<LOD	1088	<LOD	8826.2	<LOD	<LOD	<LOD	221.7	<LOD	<LOD	67881.34	<LOD	<LOD	55797.93	<LOD	2439	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	172	<LOD	<LOD	<LOD	4703.89	<LOD	360.15	<LOD	418	139.27
Butler 3	Niton XRF	MN10-138	ppm	106	106.1	879979.88	<LOD	<LOD	<LOD	<LOD	421	<LOD	35609.13	<LOD	<LOD	<LOD	133.87	<LOD	<LOD	42682.12	<LOD	<LOD	27872.23	<LOD	702	<LOD	<LOD	<LOD	<LOD	36	<LOD	26.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	2043.37	<LOD	242.97	<LOD	450	181.36
Butler 3	Niton XRF	MN10-138	ppm	107	107.1	909554.69	<LOD	<LOD	<LOD	<LOD	348	<LOD	10020.51	<LOD	<LOD	<LOD	132.86	<LOD	123	44449.82	<LOD	<LOD	30036.97	<LOD	1561	<LOD	17	<LOD	<LOD	<LOD	<LOD	21.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2482.77	<LOD	386.34	<LOD	336	139.4
Butler 3	Niton XRF	MN10-138	ppm	108	108.1	935489.75	<LOD	<LOD	<LOD	<LOD	786	<LOD	7281.5	<LOD	<LOD	<LOD	135.36	<LOD	<LOD	18424.61	<LOD	<LOD	34921.99	<LOD	382	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1779	<LOD	333.7	<LOD	73	154.08
Butler 3	Niton XRF	MN10-138	ppm	109	109.1	866410.19	<LOD	<LOD	<LOD	<LOD	611	<LOD	7688.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70444.46	<LOD	<LOD	48185.02	<LOD	1464	<LOD	20	<LOD	<LOD	<LOD	<LOD	43.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3986.79	<LOD	441.9	<LOD	226	136.72
Butler 3	Niton XRF	MN10-138	ppm	110	110.1	878065.19	<LOD	<LOD	<LOD	<LOD	298	<LOD	7243.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71329.9	<LOD	<LOD	35500.06	<LOD	1222	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76	<LOD	<LOD	<LOD	5470.69	<LOD	282.41	<LOD	141	143.83
Butler 3	Niton XRF	MN10-138	ppm	111	111.1	894771.81	<LOD	<LOD	<LOD	<LOD	189	<LOD	4030.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73213.72	<LOD	<LOD	23120.15	<LOD	767	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2818.95	<LOD	<LOD	<LOD	264	227.39
Butler 3	Niton XRF	MN10-138	ppm	112	112.1	932707.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1581.81	<LOD	<LOD	<LOD	108.53	<LOD	<LOD	46550.61	<LOD	<LOD	16048.56	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	13.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1873.86	<LOD	<LOD	<LOD	102	319.86
Butler 3	Niton XRF	MN10-138	ppm	113	113.1	929106.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1349.26	<LOD	<LOD	<LOD	125.84	<LOD	204	40638.44	<LOD	<LOD	25561.96	<LOD	587	24	30	<LOD	<LOD	<LOD	<LOD	20.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1545.78	<LOD	<LOD	<LOD	58	384.01
Butler 3	Niton XRF	MN10-138	ppm	114	114.1	951055.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134.44	<LOD	<LOD	7283.16	<LOD	<LOD	37971.04	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	16.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	1834.65	<LOD	122.23	<LOD	<LOD	328.79
Butler 3	Niton XRF	MN10-138	ppm	115	115.1	890979.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1468.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49913.02	<LOD	<LOD	21304.12	<LOD	1118	<LOD	25	<LOD	<LOD	<LOD	<LOD	15.34	<LOD	32513	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1504.45	<LOD	<LOD	<LOD	<LOD	281.91
Butler 3	Niton XRF	MN10-138	ppm	116	116.1	911464.06	<LOD	<LOD	<LOD	<LOD	174	<LOD	2542.67	<LOD	<LOD	<LOD	96.54	<LOD	581	53700.03	<LOD	<LOD	26535.9	<LOD	444	<LOD	18	<LOD	<LOD	<LOD	<LOD	16.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3023.06	<LOD	<LOD	<LOD	95	226.89
Butler 3	Niton XRF	MN10-138	ppm	117	117.1	911661.25	<LOD	<LOD	<LOD	<LOD	161	<LOD	16625.48	<LOD	<LOD	<LOD	116.98	<LOD	<LOD	49047.99	<LOD	<LOD	16417.58	<LOD	1658	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	3661.58	<LOD	188.3	<LOD	134	173.73
Butler 3	Niton XRF	MN10-138	ppm	118	118.1	877303.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6746.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81246.1	<LOD	<LOD	23489.23	<LOD	3799	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6056.34	<LOD	<LOD	<LOD	590	139.64
Butler 3	Niton XRF	MN10-138	ppm	119	119.1	881488.81	<LOD	<LOD	<LOD	<LOD	221	<LOD	6827.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88357.31	<LOD	<LOD	14755.36	<LOD	1938	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5279.14	<LOD	<LOD	<LOD	246	197.41
Butler 3	Niton XRF	MN10-138	ppm	120	120.1	819242.94	<LOD	<LOD	<LOD	<LOD	182	<LOD	2936.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	155605.06	<LOD	<LOD	6700.88	<LOD	1738	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3375.22	<LOD	<LOD	<LOD	394	190.86
Butler 3	Niton XRF	MN10-138	ppm	121	121.1	910241.25	<LOD	<LOD	<LOD	<LOD	563	<LOD	3420.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59371.2	<LOD	<LOD	20988.57	<LOD	1296	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	3017.96	<LOD	208.3	<LOD	225	146.57
Butler 3	Niton XRF	MN10-138	ppm	122	122.1	827110	<LOD	<LOD	<LOD	<LOD	403	<LOD	4437.4	<LOD	<LOD	<LOD	291.41	<LOD	<LOD	102282.52	<LOD	<LOD	23404.36	<LOD	2147	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.06	<LOD	34807	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	3942.92	<LOD	259.97	<LOD	367	173.11
Butler 3	Niton XRF	MN10-138	ppm	123	123.1	912264.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5853.92	<LOD	<LOD	<LOD	118.36	<LOD	<LOD	74018.71	<LOD	<LOD	3614.87	<LOD	1586	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1621.69	<LOD	<LOD	<LOD	212	134.55
Butler 3	Niton XRF	MN10-138	ppm	124	124.1	919625.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2952.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63681.4	<LOD	<LOD	8079.29	<LOD	888	<LOD	16	<LOD	<LOD	<LOD	<LOD	5.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3891.11	<LOD	232.62	<LOD	266	129.17
Butler 3	Niton XRF	MN10-138	ppm	125	125.1	899919.44	<LOD	<LOD	<LOD	<LOD	246	<LOD	3949.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65970.94	<LOD	<LOD	25250.61	<LOD	1077	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2974.46	<LOD	<LOD	<LOD	141	101.42
Butler 3	Niton XRF	MN10-138	ppm	126	126.1	875498.94	<LOD	<LOD	<LOD	<LOD	307	<LOD	4927.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84769.6	<LOD	<LOD	25378.21	<LOD	1616	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6631.58	<LOD	<LOD	<LOD	158	209.45
Butler 3	Niton XRF	MN10-138	ppm	127	127.1	900896.13	<LOD	<LOD	<LOD	<LOD	245	<LOD	3787.76	<LOD	<LOD	<LOD	133.71	<LOD	<LOD	66909.26	<LOD	<LOD	23201.44	<LOD	586	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3401.09	<LOD	230.38	<LOD	261	122.59
Butler 3	Niton XRF	MN10-138	ppm	128	128.1	881309.81	<LOD	<LOD	<LOD	<LOD	180	<LOD	12332.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87036.56	<LOD	<LOD	12397.41	<LOD	1101	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4835.23	<LOD	<LOD	<LOD	307	156.85
Butler 3	Niton XRF	MN10-138	ppm	129	129.1	879682.69	<LOD	<LOD	<LOD	<LOD	262	<LOD	6780.43	<LOD	<LOD	<LOD	141.7	<LOD	<LOD	82134.27	<LOD	<LOD	19907.18	<LOD	2116	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4782.13	<LOD	303.8	<LOD	159	159.01
Butler 3	Niton XRF	MN10-138	ppm	130	130.1	885263.44	<LOD	<LOD	<LOD	<LOD	363	<LOD	3906.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78537.69	<LOD	<LOD	24261	<LOD	2341	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4087.26	<LOD	365.87	<LOD	458	147.11
Butler 3	Niton XRF	MN10-138	ppm	131	131.1	894246.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6022.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78074.02	<LOD	<LOD	9874.6	<LOD	2864	<LOD	18	<LOD	<LOD	<LOD	<LOD	9.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70	<LOD	<LOD	<LOD	7648.27	<LOD	<LOD	<LOD	391	162.21
Butler 3	Niton XRF	MN10-138	ppm	132	132.1	957229.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87.21	<LOD	<LOD	13780.57	<LOD	<LOD	26300.54	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	9.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1248.2	<LOD	92.9	<LOD	<LOD	233.34
Butler 3	Niton XRF	MN10-138	ppm	133	133.1	946872.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99.08	<LOD	<LOD	14055.85	<LOD	<LOD	35544.02	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	21.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	1767.07	<LOD	<LOD	<LOD	<LOD	387.36
Butler 3	Niton XRF	MN10-138	ppm	134	134.1	950150.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104.14	<LOD	<LOD	18455.08	<LOD	<LOD	28124.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1470.17	<LOD	98.08	<LOD	<LOD	305.99
Butler 3	Niton XRF	MN10-138	ppm	135	135.1	953568.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92.67	<LOD	<LOD	27141.13	<LOD	<LOD	16181.86	<LOD	354	<LOD	21	<LOD	<LOD	<LOD	<LOD	10.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1493.56	<LOD	<LOD	<LOD	<LOD	387.65
Butler 3	Niton XRF	MN10-138	ppm	136	136.1	936088.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1073.89	<LOD	<LOD	<LOD	111.98	<LOD	<LOD	48155.32	<LOD	<LOD	11814.43	<LOD	520	<LOD	20	<LOD	<LOD	<LOD	<LOD	7.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1489.43	<LOD	<LOD	<LOD	67	365.4
Butler 3	Niton XRF	MN10-138	ppm	137	137.1	938031.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	159.64	<LOD	<LOD	43159.51	<LOD	<LOD	14968.54	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	13.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	1654.36	<LOD	155.21	<LOD	<LOD	364.25
Butler 3	Niton XRF	MN10-138	ppm	138	138.1	928212.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2200.06	<LOD	<LOD	<LOD	75.68	<LOD	207	34593.65	<LOD	<LOD	25857.66	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	13.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2352	<LOD	<LOD	<LOD	<LOD	262.45
Butler 3	Niton XRF	MN10-138	ppm	139	139.1	962452.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1105.54	<LOD	<LOD	<LOD	118.64	<LOD	<LOD	26925.19	<LOD	<LOD	7257.85	<LOD	359	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1164.29	<LOD	139	<LOD	210	145.9
Butler 3	Niton XRF	MN10-138	ppm	140	140.1	946203.94	<LOD	<LOD	<LOD	<LOD	152	<LOD	1780.99	<LOD	<LOD	<LOD	77.49	<LOD	374	14151.55	<LOD	<LOD	33054.38	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	14.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	3493.6	<LOD	203.69	<LOD	<LOD	224.47
Butler 3	Niton XRF	MN10-138	ppm	141	141.1	906103.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2526.6	<LOD	<LOD	<LOD	<LOD	<LOD	245	77224.87	<LOD	<LOD	10249.29	<LOD	552	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2430.36	<LOD	<LOD	<LOD	92	156.15
Butler 3	Niton XRF	MN10-138	ppm	142	142.1	936008.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1163	<LOD	<LOD	<LOD	104.17	<LOD	<LOD	42778.72	<LOD	<LOD	16251.32	<LOD	556	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2411.11	<LOD	207.88	<LOD	138	133.37
Butler 3	Niton XRF	MN10-138	ppm	143	143.1	927355.63	<LOD	<LOD	<LOD	<LOD	179	<LOD	1917.15	<LOD	<LOD	<LOD	144.67	<LOD	<LOD	44871.02	<LOD	<LOD	21515.58	<LOD	1206	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2024.16	<LOD	<LOD	<LOD	386	162.9
Butler 3	Niton XRF	MN10-138	ppm	144	144.1	917877.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1268.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71302.87	<LOD	<LOD	5141.51	<LOD	2049	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1379.28	<LOD	<LOD	<LOD	507	164.82
Butler 3	Niton XRF	MN10-138	ppm	145	145.1	946790.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2235.37	<LOD	<LOD	<LOD	157.93	<LOD	<LOD	35515.92	<LOD	<LOD	11514.83	<LOD	483	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2527.07	<LOD	158.92	<LOD	247	126.93
Butler 3	Niton XRF	MN10-138	ppm	146	146.1	900044.56	<LOD	<LOD	<LOD	<LOD	240	<LOD	1636.63	<LOD	<LOD	<LOD	128.4	<LOD	<LOD	63708.26	<LOD	<LOD	15001.05	<LOD	1251	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3718.28	<LOD	208.73	<LOD	390	214.3
Butler 3	Niton XRF	MN10-138	ppm	147	147.1	908261.75	<LOD	<LOD	<LOD	<LOD	274	<LOD	2354.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63876.52	<LOD	<LOD	18051.01	<LOD	1093	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5412.91	<LOD	<LOD	<LOD	123	156.03
Butler 3	Niton XRF	MN10-138	ppm	148	148.1	868927.38	<LOD	<LOD	<LOD	<LOD	366	<LOD	9246.16	<LOD	<LOD	<LOD	140.41	<LOD	<LOD	71857.71	<LOD	<LOD	36313.14	<LOD	2469	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90	<LOD	<LOD	<LOD	9352.71	<LOD	<LOD	<LOD	480	272.05
Butler 3	Niton XRF	MN10-138	ppm	149	149.1	874066.56	<LOD	<LOD	<LOD	<LOD	430	<LOD	6244.06	<LOD	<LOD	<LOD	196.77	<LOD	<LOD	87812.58	<LOD	<LOD	20649.71	<LOD	2857	<LOD	22	<LOD	<LOD	<LOD	<LOD	16.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6381.76	<LOD	320.08	<LOD	615	191.88

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	MN10-138	ppm	150	150.1	888528.81	<LOD	<LOD	<LOD	<LOD	474	<LOD	7265.39	<LOD	<LOD	<LOD	150.95	<LOD	<LOD	54250.38	<LOD	<LOD	40006.25	<LOD	2542	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	5854.07	<LOD	<LOD	<LOD	363	108.67
Butler 3	Niton XRF	MN10-138	ppm	151	151.1	897385	<LOD	<LOD	<LOD	<LOD	400	<LOD	6567.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58848.88	<LOD	<LOD	30958.86	<LOD	1065	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	4090.49	<LOD	<LOD	<LOD	223	77.64
Butler 3	Niton XRF	MN10-138	ppm	152	152.1	938253.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1693.13	<LOD	<LOD	<LOD	99.29	<LOD	<LOD	41822.43	<LOD	<LOD	13916.19	<LOD	1511	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1837.22	<LOD	<LOD	<LOD	210	201.64
Butler 3	Niton XRF	MN10-138	ppm	153	153.1	872284.94	<LOD	<LOD	<LOD	<LOD	392	<LOD	2230.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93769.44	<LOD	<LOD	24230.77	<LOD	1416	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4665.43	<LOD	<LOD	<LOD	362	116.63
Butler 3	Niton XRF	MN10-138	ppm	154	154.1	916715.5	<LOD	<LOD	<LOD	<LOD	206	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64128.11	<LOD	<LOD	14433.96	<LOD	524	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1846.71	<LOD	168.01	<LOD	427	247.71
Butler 3	Niton XRF	MN10-138	ppm	155	155.1	911411.31	<LOD	<LOD	<LOD	<LOD	385	<LOD	2103.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49428.71	<LOD	<LOD	31544.27	<LOD	437	<LOD	24	<LOD	<LOD	<LOD	<LOD	16.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	3830.61	<LOD	238.35	<LOD	69	289.27
Butler 3	Niton XRF	MN10-138	ppm	156	156.1	925503.44	<LOD	<LOD	<LOD	<LOD	345	<LOD	2228.57	<LOD	<LOD	<LOD	103.36	<LOD	<LOD	41256.82	<LOD	<LOD	25611.06	<LOD	485	<LOD	22	<LOD	<LOD	<LOD	<LOD	18.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	3590.75	<LOD	189.18	<LOD	58	350.39
Butler 3	Niton XRF	MN10-138	ppm	157	157.1	930014.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1993.8	<LOD	<LOD	<LOD	124.53	<LOD	<LOD	54723.95	<LOD	<LOD	10440.26	<LOD	538	<LOD	21	<LOD	<LOD	<LOD	<LOD	8.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1509.26	<LOD	205.56	<LOD	<LOD	115.74
Butler 3	Niton XRF	MN10-138	ppm	158	158.1	905786.19	<LOD	<LOD	<LOD	<LOD	169	<LOD	6266.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80456.1	<LOD	<LOD	3452.8	<LOD	620	<LOD	20	<LOD	<LOD	<LOD	<LOD	6.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2692.44	<LOD	<LOD	<LOD	<LOD	159.05
Butler 3	Niton XRF	MN10-138	ppm	159	159.1	918411.88	<LOD	<LOD	<LOD	<LOD	312	<LOD	4208.6	<LOD	<LOD	<LOD	93.27	<LOD	<LOD	21305.18	<LOD	<LOD	49198.66	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	30.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68	<LOD	<LOD	<LOD	5319.43	<LOD	244.69	<LOD	<LOD	330.27
Butler 3	Niton XRF	MN10-138	ppm	160	160.1	953708.94	<LOD	<LOD	<LOD	<LOD	383	<LOD	<LOD	<LOD	<LOD	<LOD	113.55	<LOD	<LOD	11672.01	<LOD	<LOD	31254.36	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	11.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	1091.97	<LOD	166	<LOD	<LOD	216.16
Butler 3	Niton XRF	MN10-138	ppm	161	161.1	886871.19	<LOD	<LOD	<LOD	<LOD	379	<LOD	4369.07	<LOD	<LOD	<LOD	<LOD	<LOD	378	72030.53	<LOD	<LOD	29130.71	<LOD	818	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67	<LOD	<LOD	<LOD	4952.89	<LOD	<LOD	<LOD	<LOD	252.14
Butler 3	Niton XRF	MN10-138	ppm	162	162.1	875273.5	<LOD	<LOD	<LOD	<LOD	184	<LOD	16314.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83922.29	<LOD	<LOD	18604.18	<LOD	1559	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3386.75	<LOD	219.53	<LOD	121	222.02
Butler 3	Niton XRF	MN10-138	ppm	163	163.1	872108.25	<LOD	<LOD	<LOD	<LOD	394	<LOD	15651.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79441.7	<LOD	<LOD	26200.6	<LOD	1251	<LOD	19	<LOD	<LOD	<LOD	<LOD	26.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	3929.48	<LOD	<LOD	<LOD	81	277.26
Butler 3	Niton XRF	MN10-138	ppm	164	164.1	876517.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8840.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97973.84	<LOD	<LOD	12073.58	<LOD	713	<LOD	21	<LOD	<LOD	<LOD	<LOD	12.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2868.11	<LOD	<LOD	<LOD	83	215.76
Butler 3	Niton XRF	MN10-138	ppm	165	165.1	862119.38	<LOD	<LOD	<LOD	<LOD	483	<LOD	14972.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76831.86	<LOD	<LOD	38687.4	<LOD	1659	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	4177.7	<LOD	419.87	<LOD	<LOD	200.1
Butler 3	Niton XRF	MN10-138	ppm	166	166.1	940923.38	<LOD	<LOD	<LOD	<LOD	304	<LOD	11444.5	<LOD	<LOD	<LOD	132.54	<LOD	<LOD	17012.18	<LOD	<LOD	26901.09	<LOD	969	<LOD	18	<LOD	<LOD	<LOD	<LOD	29.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	1733.58	<LOD	147.46	<LOD	<LOD	239.32
Butler 3	Niton XRF	MN10-138	ppm	167	167.1	923828.13	<LOD	<LOD	<LOD	<LOD	269	<LOD	4131.56	<LOD	<LOD	<LOD	89.31	<LOD	<LOD	50705.97	<LOD	<LOD	17623.18	<LOD	626	<LOD	19	<LOD	<LOD	<LOD	<LOD	20.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	208	<LOD	<LOD	<LOD	1785.7	<LOD	<LOD	<LOD	<LOD	325.72
Butler 3	Niton XRF	MN10-138	ppm	168	168.1	898179.5	<LOD	<LOD	<LOD	<LOD	280	<LOD	19226.14	<LOD	<LOD	<LOD	136.02	<LOD	<LOD	52157.15	<LOD	<LOD	24131.15	<LOD	1753	<LOD	20	<LOD	<LOD	<LOD	<LOD	19.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	311	<LOD	<LOD	<LOD	3077.78	<LOD	188.32	<LOD	240	218.69
Butler 3	Niton XRF	MN10-138	ppm	169	169.1	878622.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16293.7	<LOD	<LOD	<LOD	194.79	<LOD	<LOD	82715.71	<LOD	<LOD	15080.6	<LOD	1983	<LOD	<LOD	199	<LOD	<LOD	<LOD	19.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	3950.73	<LOD	<LOD	<LOD	426	110.46
Butler 3	Niton XRF	MN10-138	ppm	170	170.1	884771.88	<LOD	<LOD	<LOD	<LOD	302	<LOD	22958.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63139.39	<LOD	<LOD	22024.6	<LOD	1753	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	234	<LOD	<LOD	<LOD	4006.77	<LOD	<LOD	<LOD	166	204.64
Butler 3	Niton XRF	MN10-138	ppm	171	171.1	856776.75	<LOD	<LOD	<LOD	<LOD	447	<LOD	22367.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99323.11	<LOD	<LOD	12901.42	<LOD	1856	<LOD	24	<LOD	<LOD	<LOD	<LOD	21.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	645	<LOD	<LOD	<LOD	4837.46	<LOD	<LOD	<LOD	182	191.46
Butler 3	Niton XRF	MN10-138	ppm	172	172.1	859179.56	<LOD	<LOD	<LOD	<LOD	632	<LOD	30258.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85962.74	<LOD	<LOD	16896.93	<LOD	949	<LOD	20	<LOD	<LOD	<LOD	<LOD	22.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	405	<LOD	<LOD	<LOD	4818.28	<LOD	243.88	<LOD	249	218.39
Butler 3	Niton XRF	MN10-138	ppm	173	173.1	790660.63	<LOD	<LOD	<LOD	<LOD	229	<LOD	24278.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146068.42	<LOD	<LOD	29986.7	<LOD	1239	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143	<LOD	<LOD	<LOD	6561.94	<LOD	<LOD	<LOD	171	222.07
Butler 3	Niton XRF	MN10-138	ppm	174	174.1	886838.25	<LOD	<LOD	<LOD	<LOD	485	<LOD	6404.75	<LOD	<LOD	<LOD	108.26	<LOD	<LOD	48836.91	<LOD	<LOD	52869.79	<LOD	903	<LOD	27	<LOD	<LOD	<LOD	<LOD	57.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	225	<LOD	<LOD	<LOD	2450.11	<LOD	188.01	<LOD	123	385.94
Butler 3	Niton XRF	MN10-138	ppm	175	175.1	924790.94	<LOD	<LOD	<LOD	<LOD	435	<LOD	2286.53	<LOD	<LOD	<LOD	67.31	<LOD	<LOD	22063.27	<LOD	<LOD	47779.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148	<LOD	<LOD	<LOD	1502.14	<LOD	185.64	<LOD	133	230.27
Butler 3	Niton XRF	MN10-138	ppm	176	176.1	909692.44	<LOD	<LOD	<LOD	<LOD	434	<LOD	11593.97	<LOD	<LOD	<LOD	109.46	<LOD	<LOD	32217.03	<LOD	<LOD	42357.96	<LOD	663	<LOD	19	<LOD	<LOD	<LOD	<LOD	29.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	335	<LOD	<LOD	<LOD	1921.19	<LOD	159.72	<LOD	92	319.23
Butler 3	Niton XRF	MN10-138	ppm	177	177.1	922243.63	<LOD	<LOD	<LOD	<LOD	302	<LOD	10701.36	<LOD	<LOD	<LOD	97.68	<LOD	<LOD	27648.43	<LOD	<LOD	35643.31	<LOD	621	<LOD	24	<LOD	<LOD	<LOD	<LOD	29.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	341	<LOD	<LOD	<LOD	1592.46	<LOD	202.1	<LOD	94	285.22
Butler 3	Niton XRF	MN10-138	ppm	178	178.1	952440.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9826.08	<LOD	<LOD	<LOD	127.6	<LOD	<LOD	23287.14	<LOD	<LOD	11526.94	<LOD	655	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	381	<LOD	<LOD	<LOD	1273.8	<LOD	<LOD	<LOD	55	217.04
Butler 3	Niton XRF	MN10-138	ppm	180	180.1	922925.81	<LOD	<LOD	<LOD	<LOD	193	<LOD	12452.47	<LOD	<LOD	<LOD	114.63	<LOD	<LOD	44034.93	<LOD	<LOD	17076.58	<LOD	542	<LOD	21	<LOD	<LOD	<LOD	<LOD	27.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	363	<LOD	<LOD	<LOD	1536.39	<LOD	160.11	<LOD	119	265.22
Butler 3	Niton XRF	MN10-138	ppm	181	181.1	870666.69	<LOD	<LOD	<LOD	<LOD	635	<LOD	8449.27	<LOD	<LOD	<LOD	121.34	<LOD	<LOD	40427.75	<LOD	<LOD	75613.78	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	47.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	358	<LOD	<LOD	<LOD	2399.55	<LOD	290.34	<LOD	<LOD	396.11
Butler 3	Niton XRF	MN10-138	ppm	182	182.1	942750.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18949.02	<LOD	<LOD	<LOD	95.61	<LOD	<LOD	25708.31	<LOD	<LOD	10102.37	<LOD	528	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	187	<LOD	<LOD	<LOD	1222.72	<LOD	<LOD	<LOD	<LOD	172.53
Butler 3	Niton XRF	MN10-138	ppm	183	183.1	940445.81	<LOD	<LOD	<LOD	<LOD	204	<LOD	11708.34	<LOD	<LOD	<LOD	105.1	<LOD	<LOD	28543.31	<LOD	<LOD	15499.85	<LOD	422	<LOD	22	<LOD	<LOD	<LOD	<LOD	27.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	656	<LOD	<LOD	<LOD	1716.62	<LOD	167.49	<LOD	79	317.43
Butler 3	Niton XRF	MN10-138	ppm	184	184.1	934154.38	<LOD	<LOD	<LOD	<LOD	399	<LOD	9928.48	<LOD	<LOD	<LOD	103.62	<LOD	<LOD	23837.21	<LOD	<LOD	28372.58	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	23.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	523	<LOD	<LOD	<LOD	1574.11	<LOD	146.64	<LOD	<LOD	247.1
Butler 3	Niton XRF	MN10-138	ppm	185	185.1	833073.19	<LOD	<LOD	<LOD	<LOD	579	<LOD	6380.73	<LOD	<LOD	<LOD	140.49	<LOD	<LOD	60619.82	<LOD	<LOD	93540.59	<LOD	1199	<LOD	30	<LOD	<LOD	45	<LOD	72.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	342	<LOD	<LOD	<LOD	3024.69	<LOD	200.55	<LOD	224	434.13
Butler 3	Niton XRF	MN10-138	ppm	186	186.1	895044.81	<LOD	<LOD	<LOD	<LOD	219	<LOD	5301.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67760.31	<LOD	<LOD	26777.25	<LOD	695	<LOD	25	<LOD	<LOD	<LOD	<LOD	40.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	227	<LOD	<LOD	<LOD	3130.54	<LOD	<LOD	<LOD	61	356.74
Butler 3	Niton XRF	MN10-138	ppm	187	187.1	943486.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18499.45	<LOD	<LOD	<LOD	93.19	<LOD	<LOD	23662.49	<LOD	<LOD	10975.65	<LOD	520	<LOD	24	<LOD	<LOD	<LOD	<LOD	20.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	390	<LOD	<LOD	<LOD	1545.82	<LOD	<LOD	<LOD	68	292.32
Butler 3	Niton XRF	MN10-138	ppm	188	188.1	915766.13	<LOD	<LOD	<LOD	<LOD	169	<LOD	14892	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48291.91	<LOD	<LOD	16047.23	<LOD	1043	<LOD	26	<LOD	<LOD	<LOD	<LOD	28.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	432	<LOD	<LOD	<LOD	2290.01	<LOD	<LOD	<LOD	234	339.12
Butler 3	Niton XRF	MN10-138	ppm	189	189.1	901284.81	<LOD	<LOD	<LOD	<LOD	951	<LOD	11453.01	<LOD	<LOD	<LOD	107.98	<LOD	<LOD	37653.04	<LOD	<LOD	43969.43	<LOD	782	<LOD	<LOD	<LOD	<LOD	40	<LOD	35.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	324	<LOD	<LOD	<LOD	2308.08	<LOD	332.18	<LOD	109	348.29
Butler 3	Niton XRF	MN10-138	ppm	190	190.1	926292.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13395.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42847.85	<LOD	<LOD	14022.53	<LOD	387	<LOD	<LOD	<LOD	<LOD	32	<LOD	19.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	311	<LOD	<LOD	<LOD	1922.94	<LOD	138.56	<LOD	73	288.51
Butler 3	Niton XRF	MN10-138	ppm	191	191.1	936684.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13357.02	<LOD	<LOD	<LOD	102.89	<LOD	<LOD	27174.08	<LOD	<LOD	19368.91	<LOD	696	<LOD	19	<LOD	<LOD	<LOD	<LOD	24.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	365	<LOD	<LOD	<LOD	1458.11	<LOD	<LOD	<LOD	109	268.91
Butler 3	Niton XRF	MN10-138	ppm	192	192.1	903387.63	<LOD	<LOD	<LOD	<LOD	206	<LOD	10842.18	<LOD	<LOD	<LOD	109.41	<LOD	<LOD	42252.69	<LOD	<LOD	38854.02	<LOD	953	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	303	<LOD	<LOD	<LOD	2178.39	<LOD	<LOD	<LOD	92	337.77
Butler 3	Niton XRF	MN10-138	ppm	193	193.1	904547.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14286.11	<LOD	<LOD	<LOD	99.1	<LOD	<LOD	54352.98	<LOD	<LOD	22338.71	<LOD	1387	<LOD	31	<LOD	<LOD	<LOD	<LOD	40.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	280	<LOD	<LOD	<LOD	1834.55	<LOD	<LOD	<LOD	179	290.81
Butler 3	Niton XRF	MN10-138	ppm	194	194.1	934325.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10304.9	<LOD	<LOD	<LOD	97.67	<LOD	<LOD	31818.38	<LOD	<LOD	20555.26	<LOD	606	<LOD	20	<LOD	<LOD	<LOD	<LOD	25.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	213	<LOD	<LOD	<LOD	1267.66	<LOD	<LOD	<LOD	118	204.77
Butler 3	Niton XRF	MN10-138	ppm	195	195.1	890003.25	<LOD	<LOD	<LOD	<LOD	456	<LOD	12052.15	<LOD	<LOD	<LOD	90.9	<LOD	<LOD	43282	<LOD	<LOD	50016.29	<LOD	1078	<LOD	16	<LOD	<LOD	<LOD	<LOD	49.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	290	<LOD	<LOD	<LOD	1979.1	<LOD	172.53	<LOD	95	295.56
Butler 3	Niton XRF	MN10-138	ppm	196	196.1	937840.44	<LOD	<LOD	<LOD	<LOD	303	<LOD	11435.91	<LOD	<LOD	<LOD	126.65	<LOD	<LOD	19676.95	<LOD	<LOD	27908.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	363	<LOD	<LOD	<LOD	1528.79	<LOD	132.46	<LOD	64	281.63
Butler 3	Niton XRF	MN10-138	ppm	197	197.1	901167.63	<LOD	<LOD	<LOD	<LOD	215	<LOD	8814.36	<LOD	<LOD	<LOD	102.34	<LOD	<LOD	39977.3	<LOD	<LOD	45222.13	<LOD	1235	<LOD	31	<LOD	<LOD	<LOD	<LOD	43.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	288	<LOD	<LOD	<LOD	2134.02	<LOD	188.91	<LOD	139	334.26
Butler 3	Niton XRF	MN10-138	ppm	198	198.1	907806.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12463.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51308.5	<LOD	<LOD	24126.97	<LOD	1357	<LOD	25	<LOD	<LOD	<LOD	<LOD	41.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	278	<LOD	<LOD	<LOD	1893.15	<LOD	<LOD	<LOD	128	313.18
Butler 3	Niton XRF	MN10-138	ppm	199	199.1	920562	<LOD	<LOD	<LOD	<LOD	234	<LOD	11365.92	<LOD	<LOD	<LOD	125.54	<LOD	<LOD	37536.85	<LOD	<LOD	26843.38	<LOD	956	<LOD	18	<LOD	<LOD	<LOD	<LOD	36.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	<LOD	<LOD	<LOD	1449.09	<LOD	128.93	<LOD	117	248.73
Butler 3	Niton XRF	MN10-138	ppm	200	200.1	921710.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11661.76	<LOD	<LOD	<LOD	83.99	<LOD	<LOD	40979.56	<LOD	<LOD	22126.09	<LOD	382	<LOD	27	<LOD	<LOD	<LOD	<LOD	31.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	355	<LOD	<LOD	<LOD	1786.36	<LOD	131.09	<LOD	96	331.79
Butler 3	Niton XRF	MN10-138	ppm	201	201.1	931034.75	<LOD	<LOD	<LOD	<LOD	191	<LOD	8019.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38406.7	<LOD	<LOD	18783.04	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	28.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	419	<LOD	<LOD	<LOD	2000.98	<LOD	141.27	<LOD	90	287.16
Butler 3	Niton XRF	MN10-138	ppm	202	202.1	902616.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13454.44	<LOD	<LOD	<LOD	121.08	<LOD	<LOD	52774.06	<LOD	<LOD	26760.23	<LOD	1063	<LOD	26	<LOD	<LOD	<LOD	<LOD	57.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	<LOD	<LOD	2016.66	<LOD	<LOD	<LOD	174	313.86
Butler 3	Niton XRF	MN10-138	ppm	203	203.1	912351.75	<LOD	<LOD	<LOD	<LOD	310	<LOD	6350.93	<LOD	<LOD	<LOD	92.12	<LOD	<LOD	33761.36	<LOD	<LOD	43862.5	<LOD	435	<LOD	27	<LOD	<LOD	<LOD	<LOD	47.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	233	<LOD	<LOD	<LOD	1887.5	<LOD	<LOD	<LOD	118	294.41
Butler 3	Niton XRF	MN10-138	ppm	204	204.1	923703.38	<LOD	<LOD	<LOD	<LOD	264	<LOD	15761.28	<LOD	<LOD	<LOD	133.32	<LOD	<LOD	39067.33	<LOD	<LOD	17369.95	<LOD	835	<LOD	21	<LOD	<LOD	<LOD	<LOD	28.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	299	<LOD	<LOD	<LOD	1832.69	<LOD	141.48	<LOD	126	310.58
Butler 3	Niton XRF	MN10-138	ppm	205	205.1	932341.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14420.6	<LOD	<LOD	<LOD	93.01	<LOD	<LOD	34592.47	<LOD	<LOD	15356.88	<LOD	699	<LOD	18	<LOD	<LOD	<LOD	<LOD	29.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	231	<LOD	<LOD	<LOD	1667.49	<LOD	<LOD	<LOD	107	265.28
Butler 3	Niton XRF	MN10-138	ppm	206	206.1	912508.44	<LOD	<LOD	<LOD	<LOD	248	<LOD	10835.32	<LOD	<LOD	<LOD	99.78	<LOD	<LOD	31787.09	<LOD	<LOD	41074.7	<LOD	764	<LOD	19	<LOD	<LOD	<LOD	<LOD	31.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	206	<LOD	<LOD	<LOD	1902.34	<LOD	<LOD	<LOD	61	218.79
Butler 3	Niton XRF	MN10-138	ppm	207	207.1	907196.25	<LOD	<LOD	<LOD	<LOD	201	<LOD	10154.2	<LOD	<LOD	<LOD	105.26	<LOD	<LOD	65439.45	<LOD	<LOD	13056.27	<LOD	696	<LOD	29	<LOD	<LOD	<LOD	<LOD	11.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	2191.43	<LOD	<LOD	<LOD	221	313.83
Butler 3	Niton XRF	MN10-138	ppm	208	208.1	926582.44	<LOD	<LOD	<LOD	<LOD	210	<LOD	11842.23	<LOD	<LOD	<LOD	113.19	<LOD	<LOD	34179.63	<LOD	<LOD	23860	<LOD	841	<LOD	17	<LOD	<LOD	<LOD	<LOD	29.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	214	<LOD	<LOD	<LOD	1540.1	<LOD	<LOD	<LOD	88	282
Butler 3	Niton XRF	MN10-138	ppm	209	209.1	889135	<LOD	<LOD	<LOD	<LOD	280	<LOD	14126.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61488.18	<LOD	<LOD	30420.89	<LOD	1114	<LOD	20	<LOD	<LOD	<LOD	<LOD	46.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	251	<LOD	<LOD	<LOD	2248.17	<LOD	<LOD	<LOD	191	356.41
Butler 3	Niton XRF	MN10-138	ppm	210	210.1	929957.94	<LOD	<LOD	<LOD	<LOD	456	<LOD	14131.77	<LOD	<LOD	<LOD	94.07	<LOD	<LOD	29836.79	<LOD	<LOD	22156.68	<LOD	547	<LOD	21	<LOD	<LOD	<LOD	<LOD	25.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	209	<LOD	<LOD	<LOD	1664.65	<LOD	221.97	<LOD	133	310.16
Butler 3	Niton XRF	MN10-138	ppm	211	211.1	921661.75	<LOD	<LOD	<LOD	<LOD	330	<LOD	12818.79	<LOD	<LOD	<LOD	78.68	<LOD	<LOD	35196.98	<LOD	<LOD	25991.05	<LOD	1176	<LOD	18	<LOD	<LOD	<LOD	<LOD	29.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	259	<LOD	<LOD	<LOD	1783.23	<LOD	141.23	<LOD	113	299.18
Butler 3	Niton XRF	MN10-138	ppm	212	212.1	926515.5	<LOD	<LOD	<LOD	<LOD	915	<LOD	12880.4	<LOD	<LOD	<LOD	82.44	<LOD	<LOD	29072.46	<LOD	<LOD	26460.58	<LOD	1117	<LOD	22	<LOD	<LOD	<LOD	<LOD	29.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	251	<LOD	<LOD	<LOD	1918.25	<LOD	238.54	<LOD	77	298.84
Butler 3	Niton XRF	MN10-138	ppm	213	213.1	912140.56	<LOD	<LOD	<LOD	<LOD	315	<LOD	14917.71	<LOD	<LOD	<LOD	93.84	<LOD	<LOD	47672.98	<LOD	<LOD	20653.45	<LOD	1307	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	381	<LOD	<LOD	<LOD	1735.27	<LOD	157.1	<LOD	135	344.45
Butler 3	Niton XRF	MN10-138	ppm	214	214.1	920501.19	<LOD	<LOD	<LOD	<LOD	221	<LOD	6848	<LOD	<LOD	<LOD	90.18	<LOD	<LOD	46803.18	<LOD	<LOD	21863.63	<LOD	863	<LOD	17	<LOD	<LOD	<LOD	<LOD	25.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	226	<LOD	<LOD	<LOD	1907.62	<LOD	138.68	<LOD	172	201.95
Butler 3	Niton XRF	MN10-138	ppm	215	215.1	897198	<LOD	<LOD	<LOD	<LOD	812	<LOD	8957.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45840.64	<LOD	<LOD	43066.13	<LOD	610	<LOD	23	<LOD	<LOD	<LOD	<LOD	27.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181	<LOD	<LOD	<LOD	2383.24	<LOD	291.36	<LOD	86	296.43
Butler 3	Niton XRF	MN10-138	ppm	216	216.1	934034.5	<LOD	<LOD	<LOD	<LOD	252	<LOD	6825.83	<LOD	<LOD	<LOD	111.92	<LOD	329	37104.77	<LOD	<LOD	18704.79	<LOD	<LOD	<LOD	16	<LOD	<LOD	45	<LOD	17.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	1555.02	<LOD	183.23	<LOD	154	225.42
Butler 3	Niton XRF	MN10-138	ppm	217	217.1	657316.56	<LOD	<LOD	<LOD	<LOD	341	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122717.45	<LOD	<LOD	52774.23	<LOD	<LOD	<LOD	94	<LOD	<LOD	1429	<LOD	43.22	<LOD	155157	<LOD	<LOD	<LOD	<LOD	<LOD	184	<LOD	<LOD	<LOD	6441.36	<LOD	349.92	<LOD	409	1276.96
Butler 3	Niton XRF	MN10-138	ppm	218	218.1	881280.38	<LOD	<LOD	<LOD	<LOD	667	<LOD	5673.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70139.2	<LOD	<LOD	36097.6	<LOD	962	<LOD	25	<LOD	<LOD	65	<LOD	30.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	163	<LOD	<LOD	<LOD	2686.17	<LOD	235.37	<LOD	99	359.77
Butler 3	Niton XRF	MN10-138	ppm	219	219.1	865406.31	<LOD	<LOD	<LOD	<LOD	237	<LOD	18908.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78210.72	<LOD	<LOD	29504.84	<LOD	646	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	<LOD	<LOD	<LOD	6104.91	<LOD	267.74	<LOD	127	229.1
Butler 3	Niton XRF	MN10-138	ppm	220	220.1	906521.81	<LOD	<LOD	<LOD	<LOD	452	<LOD	8721.9	<LOD	<LOD	<LOD	99.05	<LOD	<LOD	54538.62	<LOD	<LOD	25706.21	<LOD	550	<LOD	24	<LOD	<LOD	70	<LOD	19.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	175	<LOD	<LOD	<LOD	2225.89	<LOD	182.35	<LOD	195	339.89
Butler 3	Niton XRF	MN10-138	ppm	221	221.1	942625.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2233.57	<LOD	<LOD	<LOD	94.93	<LOD	<LOD	38384.12	<LOD	<LOD	10060.12	<LOD	696	<LOD	26	<LOD	<LOD	<LOD	<LOD	7.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2237.29	<LOD	<LOD	<LOD	2707	357.6
Butler 3	Niton XRF	MN10-138	ppm	222	222.1	806836.75	<LOD	<LOD	<LOD	<LOD	273	<LOD	41717.61	<LOD	<LOD	<LOD	<LOD	<LOD	598	96129.61	<LOD	<LOD	13281.16	<LOD	4704	<LOD	24	<LOD	<LOD	58	<LOD	13.44	<LOD	33268	<LOD	<LOD	<LOD	<LOD	<LOD	109	<LOD	<LOD	<LOD	1736.62	<LOD	<LOD	<LOD	625	187.78
Butler 3	Niton XRF	MN10-138	ppm	223	223.1	695584.88	<LOD	<LOD	<LOD	<LOD	369	<LOD	4080.35	<LOD	<LOD	<LOD	<LOD	<LOD	3951	141097.7	<LOD	<LOD	18251.47	<LOD	662	<LOD	36	<LOD	<LOD	159	<LOD	15.39	<LOD	83389	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2580.78	<LOD	<LOD	<LOD	47035	357
Butler 3	Niton XRF	MN10-138	ppm	224	224.1	932402.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1180.28	<LOD	<LOD	<LOD	103.6	<LOD	<LOD	50225.36	<LOD	<LOD	13358.39	<LOD	413	<LOD	17	<LOD	<LOD	<LOD	<LOD	7.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	1659.53	<LOD	<LOD	<LOD	92	281.08
Butler 3	Niton XRF	MN10-138	ppm	225	225.1	866278.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25106.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95184.89	<LOD	<LOD	6590.74	<LOD	1207	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	<LOD	4547.26	<LOD	<LOD	<LOD	187	74.49
Butler 3	Niton XRF	MN10-138	ppm	226	226.1	833467.63	<LOD	<LOD	<LOD	<LOD	177	<LOD	14146.9	<LOD	<LOD	<LOD	132.2	<LOD	<LOD	77979.89	<LOD	<LOD	10733.13	<LOD	819	<LOD	<LOD	<LOD	<LOD	72	<LOD	15.59	<LOD	59593	<LOD	<LOD	<LOD	<LOD	<LOD	128	<LOD	<LOD	<LOD	1899.33	<LOD	<LOD	<LOD	136	228.16
Butler 3	Niton XRF	MN10-138	ppm	227	227.1	693630.06	<LOD	<LOD	<LOD	<LOD	204	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148518.81	<LOD	<LOD	27298.85	<LOD	896	<LOD	40	<LOD	<LOD	48	<LOD	29.7	<LOD	122161	<LOD	<LOD	<LOD	<LOD	<LOD	85	<LOD	<LOD	<LOD	4687.8	<LOD	<LOD	<LOD	785	653.19
Butler 3	Niton XRF	MN10-138	ppm	228	228.1	226453.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	307201.63	<LOD	<LOD	35323.61	<LOD	<LOD	<LOD	31	<LOD	<LOD	82	<LOD	38.2	<LOD	424015	<LOD	<LOD	<LOD	<LOD	<LOD	247	<LOD	<LOD	<LOD	2577.13	<LOD	<LOD	<LOD	<LOD	337.81
Butler 3	Niton XRF	MN10-138	ppm	229	229.1	579885.31	<LOD	<LOD	<LOD	<LOD	210	<LOD	19457.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145483.34	<LOD	<LOD	67605.62	<LOD	<LOD	43	60	<LOD	<LOD	82	<LOD	71.25	<LOD	180954	<LOD	<LOD	<LOD	<LOD	<LOD	326	<LOD	<LOD	<LOD	3669.45	<LOD	<LOD	<LOD	212	586.94
Butler 3	Niton XRF	MN10-138	ppm	230	230.1	870863.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9970.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74358.2	<LOD	<LOD	13015.02	<LOD	693	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.83	<LOD	27708	<LOD	<LOD	<LOD	<LOD	<LOD	251	<LOD	<LOD	<LOD	2359.31	<LOD	<LOD	<LOD	118	298.2
Butler 3	Niton XRF	MN10-138	ppm	231	231.1	849825.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8052.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132315.78	<LOD	<LOD	<LOD	<LOD	2078	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5644.15	<LOD	432.76	<LOD	408	122.22
Butler 3	Niton XRF	MN10-138	ppm	232	232.1	215420.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4005.45	56	<LOD	<LOD	<LOD	<LOD	355	308686.78	<LOD	<LOD	26073.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	245	<LOD	11.87	<LOD	390035	<LOD	<LOD	<LOD	<LOD	110	181	<LOD	<LOD	<LOD	1751.86	<LOD	<LOD	<LOD	51202	191.08
Butler 3	Niton XRF	MN10-138	ppm	233	233.1	882234.13	<LOD	<LOD	<LOD	<LOD	170	<LOD	1420.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100780.59	<LOD	<LOD	9962.13	<LOD	2502	<LOD	29	<LOD	<LOD	<LOD	<LOD	8.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	1576.33	<LOD	<LOD	<LOD	440	315.61
Butler 3	Niton XRF	MN10-138	ppm	234	234.1	814146.94	<LOD	<LOD	<LOD	<LOD	401	<LOD	3409.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106833.47	<LOD	<LOD	7483.52	<LOD	1058	<LOD	27	<LOD	<LOD	97	<LOD	9.38	<LOD	57722	<LOD	<LOD	<LOD	<LOD	<LOD	121	<LOD	<LOD	<LOD	1245.4	<LOD	<LOD	<LOD	6721	275.94
Butler 3	Niton XRF	MN10-138	ppm	235	235.1	851899.94	<LOD	<LOD	<LOD	<LOD	221	<LOD	3303.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135243.36	<LOD	<LOD	3556.91	<LOD	2968	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1753.85	<LOD	<LOD	<LOD	323	239.42
Butler 3	Niton XRF	MN10-138	ppm	236	236.1	911417.75	<LOD	<LOD	<LOD	<LOD	184	<LOD	1658.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77698.66	<LOD	<LOD	6098.71	<LOD	464	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	1403.99	<LOD	<LOD	<LOD	185	274.66
Butler 3	Niton XRF	MN10-138	ppm	237	237.1	889483.19	<LOD	<LOD	<LOD	<LOD	538	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87581.05	<LOD	<LOD	17559.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1887.36	<LOD	201.14	<LOD	653	295.42
Butler 3	Niton XRF	MN10-138	ppm	238	238.1	901808	<LOD	<LOD	<LOD	<LOD	427	<LOD	3378.87	<LOD	<LOD	<LOD	121.55	<LOD	<LOD	62841.56	<LOD	<LOD	18965.86	<LOD	590	<LOD	<LOD	<LOD	<LOD	56	<LOD	15.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145	<LOD	<LOD	<LOD	1818.83	<LOD	161.21	<LOD	1650	235.43
Butler 3	Niton XRF	MN10-138	ppm	239	239.1	910950.19	<LOD	<LOD	<LOD	<LOD	313	<LOD	2958.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41109.5	<LOD	<LOD	39222.67	<LOD	1892	<LOD	23	<LOD	<LOD	194	<LOD	23.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2369.06	<LOD	232.78	<LOD	293	301.07
Butler 3	Niton XRF	MN10-138	ppm	240	240.1	922870.88	<LOD	<LOD	<LOD	<LOD	263	<LOD	10150.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40465.75	<LOD	<LOD	22244.84	<LOD	1057	<LOD	22	<LOD	<LOD	72	<LOD	34.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	193	<LOD	<LOD	<LOD	1907.05	<LOD	<LOD	<LOD	174	224.86
Butler 3	Niton XRF	MN10-138	ppm	241	241.1	903764.63	<LOD	<LOD	<LOD	<LOD	280	<LOD	1947.24	<LOD	<LOD	<LOD	99.31	<LOD	213	50571.57	<LOD	<LOD	38884.26	<LOD	585	<LOD	27	<LOD	<LOD	175	<LOD	28.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	2312.07	<LOD	179.22	<LOD	368	293.02
Butler 3	Niton XRF	MN10-138	ppm	242	242.1	352172.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1465.13	119	<LOD	<LOD	<LOD	<LOD	<LOD	184656.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2309	<LOD	<LOD	<LOD	349963	<LOD	<LOD	<LOD	<LOD	124	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104899	<LOD
Butler 3	Niton XRF	MN10-138	ppm	243	243.1	115403.25	<LOD	<LOD	89	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	<LOD	2011	311293.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	472309	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96187	<LOD
Butler 3	Niton XRF	MN10-138	ppm	244	244.1	83331.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1805.6	198	<LOD	<LOD	<LOD	<LOD	<LOD	301543.59	<LOD	<LOD	<LOD	<LOD	1205	<LOD	<LOD	<LOD	<LOD	337	<LOD	<LOD	<LOD	446047	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	163125	<LOD
Butler 3	Niton XRF	MN10-138	ppm	245	245.1	183167.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1813.95	377	<LOD	<LOD	<LOD	<LOD	2726	201173.2	<LOD	<LOD	<LOD	<LOD	1590	<LOD	<LOD	<LOD	<LOD	642	<LOD	<LOD	<LOD	370136	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	235948	<LOD
Butler 3	Niton XRF	MN10-138	ppm	246	246.1	131631.75	<LOD	<LOD	109	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5478	386992.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	236	<LOD	<LOD	<LOD	456537	<LOD	<LOD	<LOD	<LOD	118	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15695	<LOD
Butler 3	Niton XRF	MN10-138	ppm	247	247.1	702630	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7834.85	<LOD	<LOD	<LOD	<LOD	<LOD	5200	187494.09	<LOD	<LOD	<LOD	<LOD	4887	<LOD	<LOD	<LOD	<LOD	104	<LOD	<LOD	<LOD	70282	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1416.33	<LOD	<LOD	<LOD	15727	202.57
Butler 3	Niton XRF	MN10-138	ppm	248	248.1	906454.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7155.29	<LOD	<LOD	<LOD	<LOD	<LOD	171	73279.75	<LOD	<LOD	3538.78	<LOD	1232	<LOD	18	<LOD	<LOD	40	<LOD	4.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	4716.38	<LOD	<LOD	<LOD	572	199.71
Butler 3	Niton XRF	MN10-138	ppm	249	249.1	854680.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2041.4	<LOD	<LOD	<LOD	<LOD	<LOD	767	51506.84	<LOD	<LOD	<LOD	<LOD	<LOD	27	33	<LOD	<LOD	172	<LOD	<LOD	<LOD	75795	<LOD	<LOD	<LOD	<LOD	<LOD	173	<LOD	<LOD	<LOD	2522.06	<LOD	<LOD	<LOD	9906	332.2
Butler 3	Niton XRF	MN10-138	ppm	250	250.1	442624.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3881.23	<LOD	<LOD	<LOD	<LOD	<LOD	2012	248258.02	<LOD	<LOD	<LOD	<LOD	972	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	294491	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2090.99	<LOD	<LOD	<LOD	1911	126.08

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3	Niton XRF	MN10-138	ppm	251	251.1	867252.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5278.85	<LOD	<LOD	<LOD	<LOD	<LOD	312	53134.41	<LOD	<LOD	<LOD	<LOD	729	<LOD	<LOD	<LOD	<LOD	150	<LOD	<LOD	<LOD	69058	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	2379.5	<LOD	<LOD	<LOD	159	101.75
Butler 3	Niton XRF	MN10-138	ppm	252	252.1	787561.25	<LOD	<LOD	<LOD	<LOD	192	<LOD	24029.21	<LOD	<LOD	<LOD	<LOD	<LOD	1142	104902.52	<LOD	<LOD	5594.14	<LOD	1496	<LOD	20	<LOD	<LOD	166	<LOD	7.35	<LOD	66822	<LOD	<LOD	<LOD	<LOD	55	183	<LOD	<LOD	<LOD	3574.83	<LOD	<LOD	<LOD	3488	116.88
Butler 3	Niton XRF	MN10-138	ppm	253	253.1	854261.75	<LOD	<LOD	<LOD	<LOD	411	<LOD	40986.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85840.19	<LOD	<LOD	8859.35	<LOD	1560	<LOD	20	<LOD	<LOD	71	<LOD	14.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	393	<LOD	<LOD	<LOD	6462.67	<LOD	<LOD	<LOD	209	223.37
Butler 3	Niton XRF	MN10-138	ppm	254	254.1	860668.31	<LOD	<LOD	<LOD	<LOD	477	<LOD	6585.99	<LOD	<LOD	<LOD	<LOD	<LOD	848	106049.45	<LOD	<LOD	21675.04	<LOD	874	<LOD	21	<LOD	<LOD	<LOD	<LOD	16.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	1762.29	<LOD	236.85	<LOD	193	267.32
Butler 3	Niton XRF	MN10-138	ppm	255	255.1	895494.63	<LOD	<LOD	<LOD	<LOD	311	<LOD	7607.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79229	<LOD	<LOD	12081.42	<LOD	2563	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2023.82	<LOD	<LOD	<LOD	127	211.01
Butler 3	Niton XRF	MN10-138	ppm	256	256.1	855634.38	<LOD	<LOD	<LOD	<LOD	592	<LOD	18090.19	<LOD	<LOD	<LOD	143.66	<LOD	<LOD	97459.66	<LOD	<LOD	21418.18	<LOD	2716	<LOD	21	<LOD	<LOD	<LOD	<LOD	20.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228	<LOD	<LOD	<LOD	2814.02	<LOD	227.5	<LOD	154	301.27
Butler 3	Niton XRF	MN10-138	ppm	257	257.1	857961.5	<LOD	<LOD	<LOD	<LOD	210	<LOD	12673.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117373.27	<LOD	<LOD	4944.76	<LOD	2562	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	277	<LOD	<LOD	<LOD	3266.57	<LOD	<LOD	<LOD	164	143.43
Butler 3	Niton XRF	MN10-138	ppm	258	258.1	829315.56	<LOD	<LOD	<LOD	<LOD	680	<LOD	42271.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103603.91	<LOD	<LOD	12472.79	<LOD	1391	<LOD	30	<LOD	<LOD	50	<LOD	17.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	734	<LOD	<LOD	<LOD	8563.97	<LOD	<LOD	<LOD	183	304.1
Butler 3	Niton XRF	MN10-138	ppm	259	259.1	867532.13	<LOD	<LOD	<LOD	<LOD	291	<LOD	18855.04	<LOD	<LOD	<LOD	131.03	<LOD	<LOD	85432.7	<LOD	<LOD	19849.17	<LOD	1275	<LOD	23	<LOD	<LOD	<LOD	<LOD	16.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	372	<LOD	<LOD	<LOD	5617.08	<LOD	<LOD	<LOD	107	198.29
Butler 3	Niton XRF	MN10-138	ppm	260	260.1	855372.75	<LOD	<LOD	<LOD	<LOD	621	<LOD	16325.98	<LOD	<LOD	<LOD	131.29	<LOD	<LOD	95027	<LOD	<LOD	25817.91	<LOD	1183	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	426	<LOD	<LOD	<LOD	4387.74	<LOD	<LOD	<LOD	187	142.16
Butler 3	Niton XRF	MN10-138	ppm	261	261.1	905811.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18648.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70840.77	<LOD	<LOD	<LOD	<LOD	1056	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	451	<LOD	<LOD	<LOD	2526.47	<LOD	<LOD	<LOD	116	107.29
Butler 3	Niton XRF	MN10-138	ppm	262	262.1	878539.13	<LOD	<LOD	<LOD	<LOD	343	<LOD	14815.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72432.44	<LOD	<LOD	28513.14	<LOD	1956	<LOD	19	<LOD	<LOD	<LOD	<LOD	27.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	226	<LOD	<LOD	<LOD	2358.85	<LOD	220.19	<LOD	124	256.73
Butler 3	Niton XRF	MN10-138	ppm	263	263.1	910235.44	<LOD	<LOD	<LOD	<LOD	506	<LOD	13259.75	<LOD	<LOD	<LOD	94.93	<LOD	<LOD	47689.99	<LOD	<LOD	24946.37	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	26.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	200	<LOD	<LOD	<LOD	2090.65	<LOD	181.17	<LOD	117	230.72
Butler 3	Niton XRF	MN10-138	ppm	264	264.1	856783.81	<LOD	<LOD	<LOD	<LOD	176	<LOD	16669.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109654.4	<LOD	<LOD	8167.07	<LOD	1651	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	307	<LOD	<LOD	<LOD	5718.62	<LOD	<LOD	<LOD	182	198.08
Butler 3	Niton XRF	MN10-138	ppm	265	265.1	890178.75	<LOD	<LOD	<LOD	<LOD	351	<LOD	18517.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75293.87	<LOD	<LOD	9061.97	<LOD	1380	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	290	<LOD	<LOD	<LOD	4284.56	<LOD	<LOD	<LOD	129	158.22
Butler 3	Niton XRF	MN10-138	ppm	266	266.1	838903.25	<LOD	<LOD	<LOD	<LOD	711	<LOD	14389.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114864.07	<LOD	<LOD	23724.83	<LOD	1743	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	245	<LOD	<LOD	<LOD	4587.77	<LOD	<LOD	<LOD	241	162.82
Butler 3	Niton XRF	MN10-138	ppm	267	267.1	922468.56	<LOD	<LOD	<LOD	<LOD	271	<LOD	16833.18	<LOD	<LOD	<LOD	114.74	<LOD	<LOD	43803	<LOD	<LOD	12240.78	<LOD	1023	<LOD	22	<LOD	<LOD	<LOD	<LOD	11.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	533	<LOD	<LOD	<LOD	2053.96	<LOD	<LOD	<LOD	93	269.55
Butler 3	Niton XRF	MN10-138	ppm	268	268.1	931551.75	<LOD	<LOD	<LOD	<LOD	181	<LOD	7980.1	<LOD	<LOD	<LOD	91.67	<LOD	<LOD	39652.54	<LOD	<LOD	16984.59	<LOD	660	<LOD	18	<LOD	<LOD	<LOD	<LOD	14.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	294	<LOD	<LOD	<LOD	2020.49	<LOD	138.63	<LOD	105	218.9
Butler 3	Niton XRF	MN10-138	ppm	269	269.1	899579.69	<LOD	<LOD	<LOD	<LOD	341	<LOD	21501.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63701.55	<LOD	<LOD	8357.2	<LOD	2562	<LOD	25	<LOD	<LOD	40	<LOD	12.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	491	<LOD	<LOD	<LOD	2446.57	<LOD	<LOD	<LOD	116	327.35
Butler 3	Niton XRF	MN10-138	ppm	270	270.1	887032.38	<LOD	<LOD	<LOD	<LOD	544	<LOD	11907.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65120.91	<LOD	<LOD	30256.35	<LOD	984	<LOD	19	<LOD	<LOD	<LOD	<LOD	28.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218	<LOD	<LOD	<LOD	3025.9	<LOD	<LOD	<LOD	155	261.58
Butler 3	Niton XRF	MN10-138	ppm	271	271.1	897666.75	<LOD	<LOD	<LOD	<LOD	399	<LOD	14590.84	<LOD	<LOD	<LOD	111.35	<LOD	<LOD	62731.01	<LOD	<LOD	20430.65	<LOD	925	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	266	<LOD	<LOD	<LOD	2315.8	<LOD	<LOD	<LOD	117	241.73
Butler 3	Niton XRF	MN10-138	ppm	272	272.1	891509.13	<LOD	<LOD	<LOD	<LOD	653	<LOD	13556.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60301.2	<LOD	<LOD	29253.64	<LOD	886	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	226	<LOD	<LOD	<LOD	2686.44	<LOD	278.82	<LOD	163	312.51
Butler 3	Niton XRF	MN10-138	ppm	273	273.1	892899.56	<LOD	<LOD	<LOD	<LOD	579	<LOD	22912.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52727.93	<LOD	<LOD	25967.53	<LOD	897	<LOD	20	<LOD	<LOD	<LOD	<LOD	25.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	294	<LOD	<LOD	<LOD	2819.07	<LOD	249.29	<LOD	120	278.16
Butler 3	Niton XRF	MN10-138	ppm	274	274.1	873577.19	<LOD	<LOD	<LOD	<LOD	398	<LOD	16856.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73379.48	<LOD	<LOD	30308.81	<LOD	1550	<LOD	25	<LOD	<LOD	<LOD	<LOD	29.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	322	<LOD	<LOD	<LOD	2739.19	<LOD	<LOD	<LOD	140	322.31
Butler 3	Niton XRF	MN10-138	ppm	275	275.1	899250.81	<LOD	<LOD	<LOD	<LOD	203	<LOD	8590.03	<LOD	<LOD	<LOD	<LOD	<LOD	184	71133.38	<LOD	<LOD	16932.01	<LOD	902	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	219	<LOD	<LOD	<LOD	2084.92	<LOD	<LOD	<LOD	119	220.72
Butler 3	Niton XRF	MN10-138	ppm	276	276.1	887980.81	<LOD	<LOD	<LOD	<LOD	280	<LOD	9709.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71979.73	<LOD	<LOD	25659.34	<LOD	905	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	2352.11	<LOD	256.2	<LOD	231	267.93
Butler 3	Niton XRF	MN10-138	ppm	277	277.1	852912	<LOD	<LOD	<LOD	<LOD	331	<LOD	76503.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50194.19	<LOD	<LOD	15135.38	<LOD	1691	<LOD	19	<LOD	<LOD	<LOD	<LOD	13.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	332	<LOD	<LOD	<LOD	2005.65	<LOD	213.76	<LOD	157	211.01
Butler 3	Niton XRF	MN10-138	ppm	278	278.1	904764.56	<LOD	<LOD	<LOD	<LOD	385	<LOD	8388.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56286.05	<LOD	<LOD	26250.86	<LOD	510	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	316	<LOD	<LOD	<LOD	2141.31	<LOD	185.4	<LOD	136	256.74
Butler 3	Niton XRF	MN10-138	ppm	279	279.1	905039.19	<LOD	<LOD	<LOD	<LOD	322	<LOD	10653.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62824.05	<LOD	<LOD	17620.12	<LOD	806	<LOD	19	<LOD	<LOD	<LOD	<LOD	25.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	190	<LOD	<LOD	<LOD	1943.3	<LOD	<LOD	<LOD	150	213.68
Butler 3	Niton XRF	MN10-138	ppm	280	280.1	830331.38	<LOD	<LOD	<LOD	<LOD	364	<LOD	25072.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128236.45	<LOD	<LOD	7206.55	<LOD	2510	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	297	<LOD	<LOD	<LOD	5382.07	<LOD	<LOD	<LOD	239	203.92
Butler 3	Niton XRF	MN10-138	ppm	281	281.1	799830.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28210.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151187.64	<LOD	<LOD	4295.05	<LOD	8076	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	499	<LOD	<LOD	<LOD	6546.9	<LOD	<LOD	<LOD	173	231.02
Butler 3	Niton XRF	MN10-138	ppm	282	282.1	863349.25	<LOD	<LOD	<LOD	<LOD	343	<LOD	16756.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94129.99	<LOD	<LOD	18781.16	<LOD	1366	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	300	<LOD	<LOD	<LOD	4374	<LOD	<LOD	<LOD	149	168.4
Butler 3	Niton XRF	MN10-138	ppm	283	283.1	893774.06	<LOD	<LOD	<LOD	<LOD	388	<LOD	13269.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59382.57	<LOD	<LOD	29025.07	<LOD	755	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	273	<LOD	<LOD	<LOD	2271.29	<LOD	231.38	<LOD	109	254.86
Butler 3	Niton XRF	MN10-138	ppm	284	284.1	898572.75	<LOD	<LOD	<LOD	<LOD	322	<LOD	14833.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55299.05	<LOD	<LOD	23319.39	<LOD	1025	<LOD	19	<LOD	<LOD	<LOD	<LOD	21.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	374	<LOD	<LOD	<LOD	4675.3	<LOD	211.77	<LOD	759	231.43
Butler 3	Niton XRF	MN10-138	ppm	285	285.1	886442.56	<LOD	<LOD	<LOD	<LOD	422	<LOD	18578.04	<LOD	<LOD	<LOD	130.52	<LOD	<LOD	72664.42	<LOD	<LOD	17084.33	<LOD	1136	<LOD	23	<LOD	<LOD	<LOD	<LOD	13.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	239	<LOD	<LOD	<LOD	2356.44	<LOD	<LOD	<LOD	183	263.72
Butler 3	Niton XRF	MN10-138	ppm	286	286.1	865375.13	<LOD	<LOD	<LOD	<LOD	539	<LOD	16918.96	<LOD	<LOD	<LOD	128.17	<LOD	<LOD	80783.49	<LOD	<LOD	30980	<LOD	1598	<LOD	20	<LOD	<LOD	<LOD	<LOD	26.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	233	<LOD	<LOD	<LOD	2594.05	<LOD	<LOD	<LOD	196	260.64
Butler 3	Niton XRF	MN10-138	ppm	287	287.1	887193.5	<LOD	<LOD	<LOD	<LOD	422	<LOD	9353.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66975.17	<LOD	<LOD	31773.24	<LOD	655	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	277	<LOD	<LOD	<LOD	2508.64	<LOD	189.84	<LOD	137	295.4
Butler 3	Niton XRF	MN10-138	ppm	288	288.1	889439.88	<LOD	<LOD	<LOD	<LOD	426	<LOD	12029.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65681.88	<LOD	<LOD	28165.66	<LOD	1030	<LOD	22	<LOD	<LOD	<LOD	<LOD	24.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	204	<LOD	<LOD	<LOD	2206.49	<LOD	<LOD	<LOD	162	269.68
Butler 3	Niton XRF	MN10-138	ppm	289	289.1	879988.81	<LOD	<LOD	<LOD	<LOD	482	<LOD	12710.84	<LOD	<LOD	<LOD	115.71	<LOD	<LOD	70769.4	<LOD	<LOD	32104.15	<LOD	572	<LOD	18	<LOD	<LOD	<LOD	<LOD	31.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133	<LOD	<LOD	<LOD	2380.92	<LOD	194.01	<LOD	163	232.96
Butler 3	Niton XRF	MN10-138	ppm	290	290.1	899485.38	<LOD	<LOD	<LOD	<LOD	246	<LOD	18501.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50169.21	<LOD	<LOD	27639.55	<LOD	572	<LOD	16	<LOD	<LOD	<LOD	<LOD	26.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	309	<LOD	<LOD	<LOD	2359.07	<LOD	173.75	<LOD	122	262.88
Butler 3	Niton XRF	MN10-138	ppm	291	291.1	887900.19	<LOD	<LOD	<LOD	<LOD	575	<LOD	20585.46	<LOD	<LOD	<LOD	139.88	<LOD	<LOD	57144.27	<LOD	<LOD	27968.67	<LOD	871	<LOD	25	<LOD	<LOD	<LOD	<LOD	24.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	378	<LOD	<LOD	<LOD	3384.77	<LOD	<LOD	<LOD	192	380.01
Butler 3	Niton XRF	MN10-138	ppm	292	292.1	941476.44	<LOD	<LOD	<LOD	<LOD	213	<LOD	16460.35	<LOD	<LOD	<LOD	118.79	<LOD	<LOD	24264.82	<LOD	<LOD	13444.02	<LOD	584	<LOD	20	<LOD	<LOD	43	<LOD	12.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	426	<LOD	<LOD	<LOD	2414.79	<LOD	<LOD	<LOD	63	288.18
Butler 3	Niton XRF	MN10-138	ppm	293	293.1	877786.25	<LOD	<LOD	<LOD	<LOD	533	<LOD	20360.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61304.95	<LOD	<LOD	34832.71	<LOD	1301	<LOD	23	<LOD	<LOD	<LOD	<LOD	31.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	360	<LOD	<LOD	<LOD	2642.22	<LOD	251.56	<LOD	110	328.1
Butler 3	Niton XRF	MN10-138	ppm	294	294.1	860360.5	<LOD	<LOD	<LOD	<LOD	916	<LOD	13420.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80969.41	<LOD	<LOD	38232.92	<LOD	1662	<LOD	23	<LOD	<LOD	<LOD	<LOD	40.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	274	<LOD	<LOD	<LOD	2982.43	<LOD	367.92	<LOD	239	313.33
Butler 3	Niton XRF	MN10-138	ppm	295	295.1	910089.31	<LOD	<LOD	<LOD	<LOD	497	<LOD	12076.68	<LOD	<LOD	<LOD	108.66	<LOD	<LOD	47987.13	<LOD	<LOD	24823.57	<LOD	1124	<LOD	25	<LOD	<LOD	<LOD	<LOD	22.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	274	<LOD	<LOD	<LOD	2221.72	<LOD	<LOD	<LOD	138	281.36
Butler 3	Niton XRF	MN10-138	ppm	296	296.1	937049.5	<LOD	<LOD	<LOD	<LOD	348	<LOD	9324.83	<LOD	<LOD	<LOD	92.1	<LOD	<LOD	32733.83	<LOD	<LOD	17299.78	<LOD	814	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	153	<LOD	<LOD	<LOD	1588.39	<LOD	172.03	<LOD	109	199.06
Butler 3	Niton XRF	MN10-138	ppm	297	297.1	915783.63	<LOD	<LOD	<LOD	<LOD	170	<LOD	7884	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44717.8	<LOD	<LOD	27347.47	<LOD	679	<LOD	19	<LOD	<LOD	<LOD	<LOD	18.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	293	<LOD	<LOD	<LOD	2175.16	<LOD	<LOD	<LOD	173	286.12
Butler 3	Niton XRF	MN10-138	ppm	298	298.1	931971.56	<LOD	<LOD	<LOD	<LOD	348	<LOD	10819.05	<LOD	<LOD	<LOD	71.55	<LOD	<LOD	25421.87	<LOD	<LOD	28291.62	<LOD	360	<LOD	15	<LOD	<LOD	<LOD	<LOD	18.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	246	<LOD	<LOD	<LOD	1888.93	<LOD	159.74	<LOD	89	222.14
Butler 3	Niton XRF	MN10-138	ppm	299	299.1	789517.88	<LOD	<LOD	<LOD	<LOD	855	<LOD	26634.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109719.83	<LOD	<LOD	65537.95	<LOD	1610	<LOD	37	<LOD	<LOD	<LOD	<LOD	65.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	4311.34	<LOD	340.65	<LOD	365	494.25
Butler 3	Niton XRF	MN10-138	ppm	300	300.1	876943.88	<LOD	<LOD	<LOD	<LOD	717	<LOD	11630.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68150.48	<LOD	<LOD	37461.02	<LOD	871	<LOD	18	<LOD	<LOD	<LOD	<LOD	32.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	279	<LOD	<LOD	<LOD	2955.23	<LOD	278.46	<LOD	207	307.46
Butler 3	Niton XRF	MN10-138	ppm	301	301.1	884463.63	<LOD	<LOD	<LOD	<LOD	253	<LOD	13337.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62283.48	<LOD	<LOD	34810.36	<LOD	979	<LOD	23	<LOD	<LOD	<LOD	<LOD	35.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	281	<LOD	<LOD	<LOD	2593.37	<LOD	<LOD	<LOD	211	321
Butler 3	Niton XRF	MN10-138	ppm	302	302.1	896346.69	<LOD	<LOD	<LOD	<LOD	360	<LOD	21964.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48720.34	<LOD	<LOD	27881.12	<LOD	1258	<LOD	23	<LOD	<LOD	<LOD	<LOD	27.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	204	<LOD	<LOD	<LOD	2483.6	<LOD	192.05	<LOD	135	291.94
Butler 3	Niton XRF	MN10-138	ppm	303	303.1	882476.13	<LOD	<LOD	<LOD	<LOD	595	<LOD	10893.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65697.09	<LOD	<LOD	34777.06	<LOD	1558	<LOD	25	<LOD	<LOD	<LOD	<LOD	30.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	240	<LOD	<LOD	<LOD	2645.33	<LOD	195.93	<LOD	213	274.24
Butler 3	Niton XRF	MN10-138	ppm	304	304.1	905617.13	<LOD	<LOD	<LOD	<LOD	442	<LOD	18238.14	<LOD	<LOD	<LOD	146.82	<LOD	<LOD	44422.73	<LOD	<LOD	26231.93	<LOD	1265	<LOD	17	<LOD	<LOD	<LOD	<LOD	22.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	305	<LOD	<LOD	<LOD	2547.16	<LOD	<LOD	<LOD	175	270.33
Butler 3	Niton XRF	MN10-138	ppm	305	305.1	908439	<LOD	<LOD	<LOD	<LOD	513	<LOD	12327.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45595.21	<LOD	<LOD	29037.32	<LOD	1221	<LOD	18	<LOD	<LOD	<LOD	<LOD	26.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	172	<LOD	<LOD	<LOD	1935.94	<LOD	192.06	<LOD	123	216.56
Butler 3	Niton XRF	MN10-138	ppm	306	306.1	893175.94	<LOD	<LOD	<LOD	<LOD	740	<LOD	8837.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56991.91	<LOD	<LOD	36149.95	<LOD	623	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	142	<LOD	<LOD	<LOD	2386.2	<LOD	308.46	<LOD	116	262.57
Butler 3	Niton XRF	MN10-138	ppm	307	307.1	885083.44	<LOD	<LOD	<LOD	<LOD	635	<LOD	9389.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56789.83	<LOD	<LOD	42907.75	<LOD	1325	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	212	<LOD	<LOD	<LOD	2777.5	<LOD	203.07	<LOD	148	297.5
Butler 3	Niton XRF	MN10-138	ppm	308	308.1	901174.19	<LOD	<LOD	<LOD	<LOD	427	<LOD	14487.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51144.83	<LOD	<LOD	28567.41	<LOD	992	<LOD	22	<LOD	<LOD	<LOD	<LOD	27.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	223	<LOD	<LOD	<LOD	2129.28	<LOD	225.44	<LOD	174	228.22
Butler 3	Niton XRF	MN10-138	ppm	309	309.1	898394	<LOD	<LOD	<LOD	<LOD	501	<LOD	12108.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55409.3	<LOD	<LOD	29310.45	<LOD	1087	<LOD	19	<LOD	<LOD	<LOD	<LOD	27.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	161	<LOD	<LOD	<LOD	2238.96	<LOD	169.49	<LOD	146	258.58
Butler 3	Niton XRF	MN10-138	ppm	310	310.1	891028.81	<LOD	<LOD	<LOD	<LOD	394	<LOD	11918.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57912.17	<LOD	<LOD	34429.62	<LOD	1046	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	198	<LOD	<LOD	<LOD	2308.42	<LOD	<LOD	<LOD	202	259.58
Butler 3	Niton XRF	MN10-138	ppm	311	311.1	922015.31	<LOD	<LOD	<LOD	<LOD	347	<LOD	12920.51	<LOD	<LOD	<LOD	104.96	<LOD	<LOD	42220.88	<LOD	<LOD	17966.91	<LOD	969	<LOD	16	<LOD	<LOD	<LOD	<LOD	17.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	417	<LOD	<LOD	<LOD	2329.77	<LOD	<LOD	<LOD	160	269.97
Butler 3	Niton XRF	MN10-138	ppm	312	312.1	903616.56	<LOD	<LOD	<LOD	<LOD	435	<LOD	9106.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51126.55	<LOD	<LOD	31004.12	<LOD	1216	<LOD	17	<LOD	<LOD	<LOD	<LOD	26.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	271	<LOD	<LOD	<LOD	2419.79	<LOD	168.58	<LOD	131	262.08
Butler 3	Niton XRF	MN10-138	ppm	313	313.1	866937.63	<LOD	<LOD	<LOD	<LOD	878	<LOD	19515.31	<LOD	<LOD	<LOD	134.63	<LOD	<LOD	71572.37	<LOD	<LOD	35422.56	<LOD	1251	<LOD	22	<LOD	<LOD	<LOD	<LOD	32.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	325	<LOD	<LOD	<LOD	3090.74	<LOD	<LOD	<LOD	280	327.7
Butler 3	Niton XRF	MN10-138	ppm	314	314.1	929846.81	<LOD	<LOD	<LOD	<LOD	225	<LOD	9584.9	<LOD	<LOD	<LOD	76.17	<LOD	<LOD	35651.16	<LOD	<LOD	20692.06	<LOD	720	<LOD	15	<LOD	<LOD	<LOD	<LOD	17.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	331	<LOD	<LOD	<LOD	2140.26	<LOD	151.55	<LOD	170	274.71
Butler 3	Niton XRF	MN10-138	ppm	315	315.1	870072.56	<LOD	<LOD	<LOD	<LOD	608	<LOD	10022.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70703.76	<LOD	<LOD	42561.28	<LOD	1482	<LOD	28	<LOD	<LOD	<LOD	<LOD	33.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	306	<LOD	<LOD	<LOD	3290.61	<LOD	<LOD	<LOD	210	309.59
Butler 3	Niton XRF	MN10-138	ppm	316	316.1	873738	<LOD	<LOD	<LOD	<LOD	548	<LOD	14655.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69582.86	<LOD	<LOD	36073.26	<LOD	1250	<LOD	19	<LOD	<LOD	<LOD	<LOD	29.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	283	<LOD	<LOD	<LOD	2950.92	<LOD	<LOD	<LOD	185	325.9
Butler 3	Niton XRF	MN10-138	ppm	317	317.1	949335.31	<LOD	<LOD	<LOD	<LOD	215	<LOD	12678.89	<LOD	<LOD	<LOD	124.51	<LOD	<LOD	22140.93	<LOD	<LOD	12275.88	<LOD	1158	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	238	<LOD	<LOD	<LOD	1359.96	<LOD	118.81	<LOD	<LOD	167.42
Butler 3	Niton XRF	MN10-138	ppm	318	318.1	933743.13	<LOD	<LOD	<LOD	<LOD	430	<LOD	8358.38	<LOD	<LOD	<LOD	114.76	<LOD	<LOD	37831.12	<LOD	<LOD	16156.74	<LOD	707	<LOD	17	<LOD	<LOD	<LOD	<LOD	13.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	214	<LOD	<LOD	<LOD	1488.88	<LOD	171.28	<LOD	494	134.67
Butler 3	Niton XRF	MN10-138	ppm	319	319.1	926701.56	<LOD	<LOD	<LOD	<LOD	417	<LOD	14447.32	<LOD	<LOD	<LOD	101.28	<LOD	<LOD	36312.28	<LOD	<LOD	17625.48	<LOD	934	<LOD	27	<LOD	<LOD	<LOD	<LOD	12.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	399	<LOD	<LOD	<LOD	2301.44	<LOD	140.31	<LOD	89	253.08
Butler 3	Niton XRF	MN10-138	ppm	320	320.1	890778.38	<LOD	<LOD	<LOD	<LOD	580	<LOD	19973.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52922.35	<LOD	<LOD	30595.71	<LOD	1075	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	305	<LOD	<LOD	<LOD	2762.16	<LOD	215.23	<LOD	143	291.77
Butler 3	Niton XRF	MN10-138	ppm	321	321.1	919055.81	<LOD	<LOD	<LOD	<LOD	391	<LOD	14130.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40877.66	<LOD	<LOD	21634.44	<LOD	876	<LOD	20	<LOD	<LOD	<LOD	<LOD	20.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	209	<LOD	<LOD	<LOD	2102.74	<LOD	<LOD	<LOD	127	232.13
Butler 3	Niton XRF	MN10-138	ppm	322	322.1	927534.13	<LOD	<LOD	<LOD	<LOD	249	<LOD	10839.12	<LOD	<LOD	<LOD	88.41	<LOD	<LOD	37939.43	<LOD	<LOD	19242.23	<LOD	971	<LOD	18	<LOD	<LOD	<LOD	<LOD	17.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	388	<LOD	<LOD	<LOD	2122.8	<LOD	<LOD	<LOD	133	275.79
Butler 3	Niton XRF	MN10-138	ppm	323	323.1	935333.13	<LOD	<LOD	<LOD	<LOD	329	<LOD	17930.88	<LOD	<LOD	<LOD	103.68	<LOD	<LOD	25290.91	<LOD	<LOD	18054.26	<LOD	671	<LOD	18	<LOD	<LOD	<LOD	<LOD	21.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	329	<LOD	<LOD	<LOD	1420.92	<LOD	144.82	<LOD	60	206.46
Butler 3	Niton XRF	MN10-138	ppm	324	324.1	895767.38	<LOD	<LOD	<LOD	<LOD	408	<LOD	9232.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57918.71	<LOD	<LOD	31938.33	<LOD	1298	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	195	<LOD	<LOD	<LOD	2413.36	<LOD	<LOD	<LOD	163	249.84
Butler 3	Niton XRF	MN10-138	ppm	325	325.1	893348.56	<LOD	<LOD	<LOD	<LOD	408	<LOD	14441.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54228.93	<LOD	<LOD	32960.55	<LOD	1112	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	<LOD	<LOD	<LOD	2453.15	<LOD	<LOD	<LOD	153	277.52
Butler 3	Niton XRF	MN10-138	ppm	326	326.1	879214.19	<LOD	<LOD	<LOD	<LOD	348	<LOD	20882.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59060.58	<LOD	<LOD	34322.77	<LOD	1447	<LOD	22	<LOD	<LOD	<LOD	<LOD	32.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	351	<LOD	<LOD	<LOD	3344.23	<LOD	<LOD	<LOD	208	381.51
Butler 3	Niton XRF	MN10-138	ppm	327	327.1	881122.81	<LOD	<LOD	<LOD	<LOD	347	<LOD	3285.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65530.09	<LOD	<LOD	45065.84	<LOD	1092	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77	<LOD	<LOD	<LOD	2672.55	<LOD	<LOD	<LOD	160	276.87
Butler 3	Niton XRF	MN10-138	ppm	328	328.1	892862.06	<LOD	<LOD	<LOD	<LOD	571	<LOD	10188.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57574	<LOD	<LOD	33978.54	<LOD	1356	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218	<LOD	<LOD	<LOD	2424.98	<LOD	191.75	<LOD	145	270.4
Butler 3	Niton XRF	MN10-138	ppm	329	329.1	891921.75	<LOD	<LOD	<LOD	<LOD	494	<LOD	15893.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55455.44	<LOD	<LOD	31521.75	<LOD	1211	<LOD	21	<LOD	<LOD	<LOD	<LOD	28.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	282	<LOD	<LOD	<LOD	2564.84	<LOD	<LOD	<LOD	97	278.49
Butler 3	Niton XRF	MN10-138	ppm	330	330.1	914158.94	<LOD	<LOD	<LOD	<LOD	465	<LOD	16374.6	<LOD	<LOD	<LOD	108.08	<LOD	<LOD	41550.43	<LOD	<LOD	23622.5	<LOD	591	<LOD	19	<LOD	<LOD	<LOD	<LOD	17.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	<LOD	<LOD	2127.88	<LOD	200.99	<LOD	115	233.35
Butler 3	Niton XRF	MN10-138	ppm	331	331.1	880530.5	<LOD	<LOD	<LOD	<LOD	655	<LOD	13659.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67625.7	<LOD	<LOD	32418.19	<LOD	1231	<LOD	24	<LOD	<LOD	<LOD	<LOD	33.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	257	<LOD	<LOD	<LOD	2609.97	<LOD	204.01	<LOD	185	303.82
Butler 3	Niton XRF	MN10-138	ppm	332	332.1	903587.13	<LOD	<LOD	<LOD	<LOD	482	<LOD	9169.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49548.6	<LOD	<LOD	33126.07	<LOD	846	<LOD	20	<LOD	<LOD	<LOD	<LOD	32.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151	<LOD	<LOD	<LOD	2235.82	<LOD	202.37	<LOD	94	256.38
Butler 3	Niton XRF	MN10-138	ppm	333	333.1	877768.69	<LOD	<LOD	<LOD	<LOD	460	<LOD	11365.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71231.27	<LOD	<LOD	33740.5	<LOD	1329	<LOD	24	<LOD	<LOD	<LOD	<LOD	41.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	242	<LOD	<LOD	<LOD	2787.52	<LOD	213.4	<LOD	164	281.25
Butler 3	Niton XRF	MN10-138	ppm	334	334.1	911722.31	<LOD	<LOD	<LOD	<LOD	609	<LOD	13758.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49509.79	<LOD	<LOD	20541.17	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	38.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	421	<LOD	<LOD	<LOD	2167.43	<LOD	254.14	<LOD	112	261.72
Butler 3	Niton XRF	MN10-138	ppm	335	335.1	870640.63	<LOD	<LOD	<LOD	<LOD	408	<LOD	15526.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77099.91	<LOD	<LOD	30528.97	<LOD	737	<LOD	30	<LOD	<LOD	<LOD	<LOD	34.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	566	<LOD	<LOD	<LOD	3493.42	<LOD	<LOD	<LOD	186	352.31
Butler 3	Niton XRF	MN10-138	ppm	336	336.1	895099.88	<LOD	<LOD	<LOD	<LOD	647	<LOD	9096.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58123.4	<LOD	<LOD	32469.61	<LOD	670	<LOD	21	<LOD	<LOD	44	<LOD	41.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	554	<LOD	<LOD	<LOD	2366.72	<LOD	249.28	<LOD	137	279.87
Butler 3	Niton XRF	MN10-138	ppm	337	337.1	908604.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13924.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53902.6	<LOD	<LOD	18987.62	<LOD	1422	<LOD	22	<LOD	<LOD	<LOD	<LOD	30.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	237	<LOD	<LOD	<LOD	2056.01	<LOD	<LOD	<LOD	114	269.66
Butler 3	Niton XRF	MN10-138	ppm	338	338.1	908766.5	<LOD	<LOD	<LOD	<LOD	190	<LOD	12358.17	<LOD	<LOD	<LOD	98.74	<LOD	<LOD	50579.71	<LOD	<LOD	24132.99	<LOD	701	<LOD	18	<LOD	<LOD	<LOD	<LOD	27.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	239	<LOD	<LOD	<LOD	2203	<LOD	165.32	<LOD	132	268.91
Butler 3	Niton XRF	MN10-138	ppm	339	339.1	903998.19	<LOD	<LOD	<LOD	<LOD	194	<LOD	11756.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57328.21	<LOD	<LOD	22129.86	<LOD	951	<LOD	26	<LOD	<LOD	<LOD	<LOD	26.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	256	<LOD	<LOD	<LOD	2478.38	<LOD	<LOD	<LOD	175	286.85
Butler 3	Niton XRF	MN10-138	ppm	340	340.1	870889.38	<LOD	<LOD	<LOD	<LOD	556	<LOD	17277.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77417.94	<LOD	<LOD	28029.66	<LOD	1224	<LOD	23	<LOD	<LOD	39	<LOD	34.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	445	<LOD	<LOD	<LOD	3092.74	<LOD	209.41	<LOD	138	275.6
Butler 3	Niton XRF	MN10-138	ppm	341	341.1	901455.69	<LOD	<LOD	<LOD	<LOD	509	<LOD	7924.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58093.06	<LOD	<LOD	28554.01	<LOD	403	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	156	<LOD	<LOD	<LOD	2263.44	<LOD	<LOD	<LOD	140	243.11
Butler 3	Niton XRF	MN10-138	ppm	342	342.1	891232.25	<LOD	<LOD	<LOD	<LOD	646	<LOD	12728.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60524.54	<LOD	<LOD	30812.12	<LOD	415	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	229	<LOD	<LOD	<LOD	2551.8	<LOD	<LOD	<LOD	114	270.61
Butler 3	Niton XRF	MN10-138	ppm	343	343.1	882834.56	<LOD	<LOD	<LOD	<LOD	473	<LOD	13202.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66076.6	<LOD	<LOD	32778.52	<LOD	896	<LOD	24	<LOD	<LOD	<LOD	<LOD	39.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181	<LOD	<LOD	<LOD	2670.15	<LOD	206.66	<LOD	139	266.19
Butler 3	Niton XRF	MN10-138	ppm	344	344.1	895178.5	<LOD	<LOD	<LOD	<LOD	494	<LOD	13607.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56026.46	<LOD	<LOD	30621.62	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	<LOD	34.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	295	<LOD	<LOD	<LOD	2664.53	<LOD	175.67	<LOD	128	269.33
Butler 3	Niton XRF	MN10-138	ppm	345	345.1	940762.13	<LOD	<LOD	<LOD	<LOD	260	<LOD	14886.05	<LOD	<LOD	<LOD	97.05	<LOD	<LOD	27099.87	<LOD	<LOD	13512.17	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	11.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	384	<LOD	<LOD	<LOD	2000.17	<LOD	<LOD	<LOD	63	275.21
Butler 3	Niton XRF	MN10-138	ppm	346	346.1	897315.5	<LOD	<LOD	<LOD	<LOD	520	<LOD	6351.8	<LOD	<LOD	<LOD	105.53	<LOD	<LOD	66305.43	<LOD	<LOD	25623.05	<LOD	827	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143	<LOD	<LOD	<LOD	2048.33	<LOD	<LOD	<LOD	131	230.15
Butler 3	Niton XRF	MN10-138	ppm	347	347.1	914895.63	<LOD	<LOD	<LOD	<LOD	481	<LOD	12937.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44710.36	<LOD	<LOD	23563.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	2233.39	<LOD	148.04	<LOD	129	225.77
Butler 3	Niton XRF	MN10-138	ppm	347.4	347.47	917803.88	<LOD	<LOD	<LOD	<LOD	382	<LOD	8291.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44828.51	<LOD	<LOD	24926.66	<LOD	650	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	194	<LOD	<LOD	<LOD	2056.77	<LOD	<LOD	<LOD	99	251.76
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	15	15.1	969889.31	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16916.77	<LOD	<LOD	<LOD	<LOD	349	<LOD	27	<LOD	<LOD	<LOD	<LOD	15.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	11	1159.91	<LOD	<LOD	<LOD	61	435.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	16	16.1	951135.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30558.41	<LOD	<LOD	<LOD	<LOD	406	<LOD	31	<LOD	<LOD	<LOD	<LOD	19.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	11	2233.02	<LOD	<LOD	<LOD	60	479.59

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	16	16.05	891704.63	<LOD		<LOD	<LOD		18.2	29223.41	<LOD		<LOD	164.46		<LOD	40901.18	<LOD	<LOD	33939.2		663.73	<LOD	21.58	<LOD		<LOD	<LOD	16.39	<LOD	<LOD	<LOD		<LOD		<LOD	238.94	<LOD		<LOD	2436.86	<LOD	243.16	<LOD	55	366.16
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	17	17.1	956765.44	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26938.22	<LOD	<LOD	<LOD	<LOD	495	<LOD	25	<LOD	<LOD	<LOD	<LOD	18.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	13	1613.94	<LOD	<LOD	<LOD	40	448.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	18	18.1	954537.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29814.3	<LOD	<LOD	<LOD	<LOD	604	<LOD	21	<LOD	<LOD	<LOD	<LOD	20.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	11	1279.41	<LOD	<LOD	<LOD	50	342.7
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	19	19.1	952649.25	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29638.51	<LOD	<LOD	<LOD	<LOD	588	16	22	<LOD	<LOD	<LOD	<LOD	19.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	11	2109.14	<LOD	<LOD	<LOD	124	464.86
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	20	20.1	946073.13	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34950.86	<LOD	<LOD	<LOD	<LOD	621	<LOD	27	<LOD	<LOD	<LOD	<LOD	7.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	13	2053.66	<LOD	<LOD	<LOD	61	472.2
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	20	20.05	903112.81	<LOD		<LOD	<LOD		<LOD	22572.97	<LOD		<LOD	128.88		<LOD	41196.31	<LOD	<LOD	28780.04		640.1	<LOD	18.52	<LOD		<LOD	<LOD	13.61	<LOD	<LOD	<LOD		<LOD		<LOD	188.16	<LOD		<LOD	2398.12	<LOD	229.81	<LOD	57.79	352.6
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	21	21.1	948444.5	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36215.23	<LOD	<LOD	<LOD	<LOD	637	<LOD	22	<LOD	<LOD	23	<LOD	22.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	17	1409.67	<LOD	<LOD	<LOD	90	324.01
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	22	22.1	949556.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34210.2	<LOD	<LOD	<LOD	<LOD	1001	<LOD	16	<LOD	<LOD	<LOD	<LOD	26.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	<LOD	1748.8	<LOD	<LOD	<LOD	85	327.17
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	22.2	22.3	958185.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26577.48	<LOD	<LOD	<LOD	<LOD	379	<LOD	26	<LOD	<LOD	<LOD	<LOD	10.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	12	1811.65	<LOD	<LOD	<LOD	36	304.21
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	23.2	23.3	955121.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27871.14	<LOD	<LOD	<LOD	<LOD	380	<LOD	26	<LOD	<LOD	<LOD	<LOD	15.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82	<LOD	<LOD	<LOD	2414.3	<LOD	<LOD	<LOD	45	291.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	24	24.1	951609.25	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30277.45	<LOD	<LOD	<LOD	<LOD	600	<LOD	30	<LOD	<LOD	<LOD	<LOD	18.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	12	1981.06	<LOD	<LOD	<LOD	63	290.16
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	25	25.1	956237.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26959.22	<LOD	<LOD	<LOD	<LOD	454	<LOD	25	<LOD	<LOD	<LOD	<LOD	15.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	1908.64	<LOD	<LOD	<LOD	45	461.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	26	26.1	913423.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80112.95	<LOD	<LOD	<LOD	<LOD	708	<LOD	12	<LOD	<LOD	<LOD	<LOD	38.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	184	<LOD	<LOD	<LOD	5055.38	<LOD	<LOD	<LOD	144	213.83
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	27	27.1	823291.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	170712.8	<LOD	<LOD	<LOD	<LOD	820	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	3358.81	<LOD	503.73	<LOD	67	204.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	28	28.1	871799.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120232.96	<LOD	<LOD	<LOD	<LOD	661	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6400.82	<LOD	<LOD	<LOD	<LOD	187.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	28	28.05	876169.88	<LOD		<LOD	<LOD		<LOD	7532.84	<LOD		<LOD	<LOD		<LOD	105938.07	<LOD	<LOD	<LOD		708.85	<LOD	22.23	<LOD		<LOD	<LOD	2.96	<LOD	<LOD	<LOD		<LOD		<LOD	44.46	<LOD		<LOD	7225.12	<LOD	262.93	<LOD	38.62	202.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	29	29.1	882144.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104545.36	<LOD	<LOD	<LOD	<LOD	325	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8270.4	<LOD	<LOD	<LOD	83	134.27
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	30	30.1	888450.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104533.72	<LOD	<LOD	<LOD	<LOD	724	<LOD	16	<LOD	<LOD	<LOD	<LOD	14.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	164	<LOD	<LOD	<LOD	5382.15	<LOD	<LOD	<LOD	79	225.59
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	31	31.1	904135.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77371.66	<LOD	<LOD	<LOD	<LOD	683	13	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	3667.58	<LOD	<LOD	<LOD	25	282.6
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	32	32.1	947730.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34394.43	<LOD	<LOD	<LOD	<LOD	239	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4080.01	<LOD	<LOD	<LOD	24	295.29
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	33	33.1	932493.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47288.66	<LOD	<LOD	<LOD	<LOD	311	<LOD	18	<LOD	<LOD	<LOD	<LOD	6.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3069.57	<LOD	<LOD	<LOD	<LOD	241.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	34	34.1	859999.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131563.95	<LOD	<LOD	<LOD	<LOD	1163	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	6350.19	<LOD	<LOD	<LOD	84	171.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	35	35.1	874455.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119424.27	<LOD	<LOD	<LOD	<LOD	1073	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4291.5	<LOD	<LOD	<LOD	70	161.79
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	35	35.05	893824.88	<LOD		<LOD	<LOD		13	6490.69	<LOD		<LOD	<LOD		<LOD	84188.1	<LOD	<LOD	<LOD		548.02	<LOD	20.75	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	25.29	<LOD		<LOD	6375.18	<LOD	221.43	<LOD	50.72	250.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	36	36.1	872818	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120000.59	<LOD	<LOD	<LOD	<LOD	619	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5690.28	<LOD	<LOD	<LOD	72	181.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	37	37.1	891284.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101369.4	<LOD	<LOD	<LOD	<LOD	648	<LOD	13	190	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39	<LOD	<LOD	<LOD	5588.24	<LOD	<LOD	<LOD	43	191.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	38	38.1	872590.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119554.83	<LOD	<LOD	<LOD	<LOD	476	22	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6313.95	<LOD	<LOD	<LOD	73	213.19
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	38	38.05	876178.56	<LOD		<LOD	<LOD		<LOD	4425.47	<LOD		<LOD	<LOD		<LOD	110968.61	<LOD	<LOD	<LOD		788.56	<LOD	12.89	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	27.61	<LOD		<LOD	6986.42	<LOD	261.95	<LOD	39.22	211.87
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	39	39.1	862391.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129053.17	<LOD	<LOD	<LOD	<LOD	1299	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6575.84	<LOD	<LOD	<LOD	183	196.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	40	40.1	874646.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116096.24	<LOD	<LOD	<LOD	<LOD	289	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7584.58	<LOD	<LOD	<LOD	721	182.03
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	41	41.1	855055.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131643.8	<LOD	<LOD	<LOD	<LOD	1316	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	9703.49	<LOD	<LOD	<LOD	1428	202.2
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	42	42.1	860937.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125030.98	<LOD	<LOD	<LOD	<LOD	1542	13	13	<LOD	<LOD	<LOD	<LOD	3.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10488.6	<LOD	<LOD	<LOD	813	182.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	43	43.1	898057.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87181.88	<LOD	<LOD	<LOD	<LOD	712	<LOD	16	<LOD	<LOD	<LOD	<LOD	5.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	5016.98	<LOD	<LOD	<LOD	49	222.45
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	44	44.1	832281.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	159587.78	<LOD	<LOD	<LOD	<LOD	882	<LOD	17	<LOD	<LOD	<LOD	<LOD	5.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	6304.26	<LOD	<LOD	<LOD	111	137.31
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	45	45.1	901725	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77989.62	<LOD	<LOD	<LOD	<LOD	647	11	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	5680.9	<LOD	<LOD	<LOD	562	123.59
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	46	46.1	884586.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109372.85	<LOD	<LOD	<LOD	<LOD	246	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	5137.77	<LOD	<LOD	<LOD	35	107.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	46	46.05	859106.63	<LOD		<LOD	<LOD		<LOD	23309.85	<LOD		<LOD	<LOD		<LOD	102803.17	<LOD	<LOD	7027		471.46	<LOD	15.14	<LOD		<LOD	<LOD	4.04	<LOD	<LOD	<LOD		<LOD		<LOD	148.92	<LOD		<LOD	5600.26	<LOD	616.25	<LOD	<LOD	123.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	47	47.1	842410.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	147621.02	<LOD	<LOD	<LOD	<LOD	399	<LOD	12	<LOD	<LOD	<LOD	<LOD	5.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	7343.42	<LOD	<LOD	<LOD	1288	140.95
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	48	48.1	775081.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	212378.42	<LOD	<LOD	<LOD	<LOD	1251	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	164	<LOD	<LOD	<LOD	7714.01	<LOD	1691.18	<LOD	1155	76.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	49	49.1	811321.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	179174.86	<LOD	<LOD	<LOD	<LOD	5809	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	2836.74	<LOD	<LOD	<LOD	48	130.94
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	50	50.1	871791.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119974.66	<LOD	<LOD	<LOD	<LOD	646	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6568.98	<LOD	<LOD	<LOD	77	201.58
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	51	51.1	841585	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150797.08	<LOD	<LOD	<LOD	<LOD	1253	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	5140.89	<LOD	<LOD	<LOD	56	163.49
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	51	51.05	850747.63	<LOD		<LOD	<LOD		<LOD	17035.85	<LOD		<LOD	<LOD		<LOD	123545.84	<LOD	<LOD	<LOD		1268.14	<LOD	12.12	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	92.13	<LOD		<LOD	6409.03	<LOD	553.62	<LOD	84.54	164.01
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	52	52.1	869706.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122549.63	<LOD	<LOD	<LOD	<LOD	1207	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6031.81	<LOD	<LOD	<LOD	58	158.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	53	53.1	851105.44	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	140315.52	<LOD	<LOD	<LOD	<LOD	2068	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	5631.33	<LOD	<LOD	<LOD	105	116.84
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	54	54.1	869404	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121811.65	<LOD	<LOD	<LOD	<LOD	673	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7686.41	<LOD	<LOD	<LOD	41	140.87
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	55	55.1	848238.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	140411.33	<LOD	<LOD	<LOD	<LOD	2093	<LOD	15	<LOD	<LOD	<LOD	<LOD	4.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	7960.57	<LOD	<LOD	<LOD	588	162.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	55.27	55.37	870067	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120442.7	<LOD	<LOD	<LOD	<LOD	2070	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	391	<LOD	<LOD	<LOD	6446.04	<LOD	<LOD	<LOD	<LOD	148.69
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	55.71	55.81	807657.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	184128.13	<LOD	<LOD	<LOD	<LOD	6470	<LOD	16	<LOD	<LOD	<LOD	<LOD	9.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	<LOD	<LOD	<LOD	882.88	<LOD	<LOD	<LOD	52	36.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	56	56.1	874979.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118587.6	<LOD	<LOD	<LOD	<LOD	356	17	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	219	<LOD	<LOD	<LOD	5070.55	<LOD	<LOD	<LOD	37	135.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	56.18	56.28	897042.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81552.26	<LOD	<LOD	<LOD	<LOD	1982	<LOD	11	<LOD	<LOD	<LOD	<LOD	3.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	<LOD	4973.13	<LOD	<LOD	<LOD	<LOD	147.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	57	57.1	908611.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65419.25	<LOD	<LOD	<LOD	<LOD	193	16	13	<LOD	<LOD	<LOD	<LOD	2.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	7656.07	<LOD	<LOD	<LOD	492	155.94
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	57.66	57.76	823320.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2486	170197.27	<LOD	<LOD	<LOD	<LOD	<LOD	15	11	132	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	3109.72	<LOD	<LOD	<LOD	55	99.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	58	58.1	845077.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146986.91	<LOD	<LOD	<LOD	<LOD	790	<LOD	17	<LOD	<LOD	<LOD	<LOD	7.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128	<LOD	<LOD	<LOD	5678.27	<LOD	<LOD	<LOD	372	150.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	58	58.05	859411.38	<LOD		<LOD	<LOD		18.72	13241.33	<LOD		<LOD	<LOD		<LOD	119375.3	<LOD	<LOD	<LOD		829.85	<LOD	12.59	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	65.22	<LOD		<LOD	4069.13	<LOD	239.45	<LOD	41.51	139.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	59	59.1	926688.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52206.38	<LOD	<LOD	<LOD	<LOD	879	13	16	<LOD	<LOD	<LOD	<LOD	5.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	3407.99	<LOD	<LOD	<LOD	71	125.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	60	60.1	878187.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114123.56	<LOD	<LOD	<LOD	<LOD	649	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	6319.43	<LOD	<LOD	<LOD	<LOD	153.22
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	61	61.1	892663.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97662.02	<LOD	<LOD	<LOD	<LOD	1016	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	216	<LOD	<LOD	<LOD	6937.66	<LOD	<LOD	<LOD	813	164.49
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	62	62.1	864229.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125912.61	<LOD	<LOD	<LOD	<LOD	1713	36	10	<LOD	<LOD	<LOD	<LOD	4.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	187	<LOD	<LOD	<LOD	7019.29	<LOD	<LOD	<LOD	71	184.83
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	64	64.1	899498.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90391.78	<LOD	<LOD	<LOD	<LOD	1961	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86	<LOD	<LOD	<LOD	7151.26	<LOD	<LOD	<LOD	125	169.66
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	65	65.1	903014.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76343.94	<LOD	<LOD	<LOD	<LOD	657	<LOD	9	<LOD	<LOD	<LOD	<LOD	2.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	10	6772.13	<LOD	<LOD	<LOD	660	144.22
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	65	65.05	906771.63	<LOD		<LOD	<LOD		<LOD	3652	<LOD		<LOD	<LOD		<LOD	82112.53	<LOD	<LOD	<LOD		889.87	<LOD	12.95	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5725.93	<LOD	328.57	<LOD	51.51	125.17
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	66	66.1	907401.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77697.49	<LOD	<LOD	<LOD	<LOD	654	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3524.2	<LOD	<LOD	<LOD	35	112.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	67	67.1	875488	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116662.72	<LOD	<LOD	<LOD	<LOD	1102	15	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5868.26	<LOD	<LOD	<LOD	44	149.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	68	68.1	888767.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105322.08	<LOD	<LOD	<LOD	<LOD	365	20	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	4433.78	<LOD	<LOD	<LOD	58	129.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	69	69.1	900038.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79569.94	<LOD	<LOD	<LOD	<LOD	413	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6577.25	<LOD	<LOD	<LOD	42	144.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	70	70.1	907979.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72174.32	<LOD	<LOD	<LOD	<LOD	428	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	5674.57	<LOD	<LOD	<LOD	251	153.77
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	71	71.1	889485.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103923.59	<LOD	<LOD	<LOD	<LOD	933	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	4879.22	<LOD	<LOD	<LOD	<LOD	164.03
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	72	72.1	881916.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110946.1	<LOD	<LOD	<LOD	<LOD	918	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	5774.1	<LOD	<LOD	<LOD	44	150.62
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	72	72.05	881521.44	<LOD		<LOD	<LOD		<LOD	8089.91	<LOD		<LOD	<LOD		<LOD	102617.52	<LOD	<LOD	<LOD		848.4	13.43	17.08	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	33.04	<LOD		<LOD	6361.51	<LOD	274.31	<LOD	<LOD	161.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	74	74.1	889850.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102629.51	<LOD	<LOD	<LOD	<LOD	840	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	<LOD	5759.53	<LOD	<LOD	<LOD	<LOD	161.98
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	75	75.1	859810	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127807.96	<LOD	<LOD	<LOD	<LOD	1262	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9558.5	<LOD	<LOD	<LOD	771	117.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	76	76.1	925483	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68289.17	<LOD	<LOD	<LOD	<LOD	1271	11	<LOD	140	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1429	<LOD	<LOD	<LOD	2522.97	<LOD	<LOD	<LOD	82	39.21
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	77	77.1	926148.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67104.68	<LOD	<LOD	<LOD	<LOD	1388	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1249	<LOD	<LOD	<LOD	3060.56	<LOD	<LOD	<LOD	288	37.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	78	78.1	917430.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	287.89	<LOD	<LOD	76395.75	<LOD	<LOD	<LOD	<LOD	1144	<LOD	9	156	<LOD	<LOD	<LOD	3.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1251	<LOD	<LOD	<LOD	2731.03	<LOD	<LOD	<LOD	74	31.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	79	79.1	835296.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1314	156700.44	<LOD	<LOD	<LOD	<LOD	3114	<LOD	9	204	<LOD	<LOD	<LOD	6.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	949	<LOD	<LOD	<LOD	1786.34	<LOD	<LOD	<LOD	86	19.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	80	80.1	963964.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17344.77	<LOD	<LOD	<LOD	<LOD	191	<LOD	13	<LOD	<LOD	<LOD	<LOD	17.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105	<LOD	<LOD	<LOD	6747.05	<LOD	<LOD	<LOD	325	135.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	80	80.05	840785	<LOD		<LOD	<LOD		<LOD	85824.6	<LOD		<LOD	263.38		<LOD	64495.64	<LOD	<LOD	2306.75		1737.27	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1140.01	<LOD		<LOD	3010.26	<LOD	312.44	<LOD	79.14	43.73
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	81	81.1	922767.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52573.22	<LOD	<LOD	<LOD	<LOD	498	<LOD	13	<LOD	<LOD	<LOD	<LOD	9.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108	<LOD	<LOD	<LOD	9236.51	<LOD	<LOD	<LOD	28	147.62
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	82	82.1	883053.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100269.62	<LOD	<LOD	<LOD	<LOD	645	<LOD	12	<LOD	<LOD	<LOD	<LOD	2.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	8058.4	<LOD	<LOD	<LOD	587	157.88
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	83	83.1	888528.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96760.76	<LOD	<LOD	<LOD	<LOD	3487	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	1808.48	<LOD	<LOD	<LOD	21	57.61
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	84	84.1	874948.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117744.11	<LOD	<LOD	<LOD	<LOD	368	<LOD	19	<LOD	<LOD	<LOD	<LOD	2.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	5770.8	<LOD	<LOD	<LOD	339	142.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	85	85.1	888101.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104539.2	<LOD	<LOD	<LOD	<LOD	601	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	5719.38	<LOD	<LOD	<LOD	<LOD	192.62
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	86	86.1	887727.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93788.28	<LOD	<LOD	<LOD	<LOD	1419	<LOD	11	<LOD	<LOD	<LOD	<LOD	4.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	5313.14	<LOD	<LOD	<LOD	34	108.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	86	86.05	888019.81	<LOD		<LOD	<LOD		<LOD	8980.1	<LOD		<LOD	<LOD		<LOD	92518.83	<LOD	<LOD	3464.21		839.87	<LOD	9	<LOD		<LOD	<LOD	2.95	<LOD	<LOD	<LOD		<LOD		<LOD	34.87	<LOD		<LOD	5514.32	<LOD	343.58	<LOD	43.35	112.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	87	87.1	897098.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82435.74	<LOD	<LOD	<LOD	<LOD	461	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6033.47	<LOD	<LOD	<LOD	43	170.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	88	88.1	918321.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58924.7	<LOD	<LOD	<LOD	<LOD	340	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6384.31	<LOD	<LOD	<LOD	334	140.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	89	89.1	893846.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92514.5	<LOD	<LOD	<LOD	<LOD	614	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4902.15	<LOD	<LOD	<LOD	30	170
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	90	90.1	953701.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26784.15	<LOD	<LOD	<LOD	<LOD	166	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	4606.99	<LOD	<LOD	<LOD	29	113.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	91	91.1	893683	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94309.54	<LOD	<LOD	<LOD	<LOD	441	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3559.37	<LOD	<LOD	<LOD	29	80.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	92	92.1	908436.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75212.48	<LOD	<LOD	<LOD	<LOD	211	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	2494.67	<LOD	<LOD	<LOD	38	111.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	93	93.1	999181.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	286.42	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	2.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	94	94.1	899468	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86652.47	<LOD	<LOD	<LOD	<LOD	300	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	3628.76	<LOD	<LOD	<LOD	37	144.64
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	95	95.1	898797.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88612.7	<LOD	<LOD	<LOD	<LOD	315	9	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	2927.88	<LOD	<LOD	<LOD	<LOD	167.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	96	96.1	897084.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85395.38	<LOD	<LOD	<LOD	<LOD	629	<LOD	16	<LOD	<LOD	<LOD	<LOD	2.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	4885.22	<LOD	<LOD	<LOD	28	168.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	97	97.1	909567.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67067.84	<LOD	<LOD	<LOD	<LOD	550	12	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4146.24	<LOD	<LOD	<LOD	<LOD	215.09
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	98	98.1	896265.56	<LOD	<LOD	<LOD	<LOD	401	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	86539.1	<LOD	<LOD	<LOD	<LOD	816	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3886.03	<LOD	<LOD	<LOD	51	155.94
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	98	98.05	919474.88	<LOD		7.83	<LOD		12.18	7932.24	<LOD		<LOD	136.24		<LOD	66824.38	<LOD	<LOD	<LOD		582.85	13.56	17.43	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4749.19	<LOD	<LOD	<LOD	48.86	185.69
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	99	99.1	913990.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81401.02	<LOD	<LOD	<LOD	<LOD	474	<LOD	18	<LOD	<LOD	<LOD	<LOD	3.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	3649.33	<LOD	<LOD	<LOD	<LOD	159.33
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	100	100.1	897213.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95521.06	<LOD	<LOD	<LOD	<LOD	403	17	20	<LOD	<LOD	<LOD	<LOD	2.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	5158.05	<LOD	<LOD	<LOD	567	151.71

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	101.5	101.6	873028.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120196.49	<LOD	<LOD	<LOD	<LOD	1114	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4720.57	<LOD	<LOD	<LOD	<LOD	135.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	102	102.1	951470.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30854.87	<LOD	<LOD	<LOD	<LOD	608	<LOD	9	96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1592.5	<LOD	<LOD	<LOD	20	110.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	103	103.1	900079.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103	94363.43	<LOD	<LOD	<LOD	<LOD	975	<LOD	9	<LOD	<LOD	<LOD	<LOD	9.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130	<LOD	<LOD	<LOD	3651.73	<LOD	<LOD	<LOD	<LOD	115.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	104	104.1	836637.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150624.33	<LOD	<LOD	<LOD	<LOD	9375	<LOD	19	<LOD	<LOD	<LOD	<LOD	9.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	<LOD	2750.97	<LOD	<LOD	<LOD	44	89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	104	104.05	839430.44	<LOD		<LOD	<LOD		<LOD	46933.64	<LOD		<LOD	<LOD		<LOD	96260.07	<LOD	<LOD	5204.68		7326.8	13.68	17.87	<LOD		<LOD	<LOD	5.03	<LOD	<LOD	<LOD		<LOD		<LOD	427.28	<LOD		<LOD	3803.45	<LOD	190.52	<LOD	47.81	116.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	105	105.1	854799.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137620.02	<LOD	<LOD	<LOD	<LOD	1445	<LOD	15	<LOD	<LOD	<LOD	<LOD	4.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	4620.01	<LOD	<LOD	<LOD	604	104.66
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	106	106.1	932131.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47962.03	<LOD	<LOD	<LOD	<LOD	838	<LOD	9	<LOD	<LOD	<LOD	<LOD	3.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	3719.33	<LOD	<LOD	<LOD	<LOD	117.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	107	107.1	898045.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96302.86	<LOD	<LOD	<LOD	<LOD	842	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	4357.76	<LOD	<LOD	<LOD	64	152.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	108	108.1	922173.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55413.71	<LOD	<LOD	<LOD	<LOD	389	<LOD	13	<LOD	<LOD	<LOD	<LOD	2.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	3062.24	<LOD	<LOD	<LOD	35	111.02
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	109	109.1	851666.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141985.13	<LOD	<LOD	<LOD	<LOD	2250	<LOD	10	<LOD	<LOD	<LOD	<LOD	19.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	261	<LOD	<LOD	<LOD	2945.91	<LOD	<LOD	<LOD	106	79.66
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	110	110.1	910895.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72170.48	<LOD	<LOD	<LOD	<LOD	1492	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2639.94	<LOD	<LOD	<LOD	45	96.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	111	111.1	893961.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89813.05	<LOD	<LOD	<LOD	<LOD	1057	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5017.62	<LOD	<LOD	<LOD	33	141.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	111	111.05	867146.75	<LOD		<LOD	<LOD		<LOD	27574.09	<LOD		<LOD	<LOD		<LOD	90400.87	<LOD	<LOD	7640.27		1050.59	<LOD	13.43	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	244.02	<LOD		<LOD	5480.22	<LOD	<LOD	<LOD	60.43	154.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	112	112.1	869714.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124548.03	<LOD	<LOD	<LOD	<LOD	878	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	4322.33	<LOD	<LOD	<LOD	<LOD	179.25
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	113	113.1	846331.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146843.83	<LOD	<LOD	<LOD	<LOD	1145	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	4731.91	<LOD	<LOD	<LOD	<LOD	159.93
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	114	114.1	869427.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123982.55	<LOD	<LOD	<LOD	<LOD	713	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	5121.37	<LOD	<LOD	<LOD	44	172.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	115	115.1	893055.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100557.98	<LOD	<LOD	<LOD	<LOD	923	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	4921.53	<LOD	<LOD	<LOD	<LOD	145.83
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	116	116.1	891095.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102923.68	<LOD	<LOD	<LOD	<LOD	739	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	4384.53	<LOD	<LOD	<LOD	32	107.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	117	117.1	917452.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59648.45	<LOD	<LOD	<LOD	<LOD	388	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4811.07	<LOD	<LOD	<LOD	28	141.84
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	118	118.1	862853.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128088.88	<LOD	<LOD	<LOD	<LOD	700	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	7570.66	<LOD	<LOD	<LOD	<LOD	125.74
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	118	118.05	761343.13	<LOD		<LOD	<LOD		<LOD	17875.83	<LOD		<LOD	<LOD		<LOD	211021.41	<LOD	<LOD	<LOD		1797.5	<LOD	16.8	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		131.03	45.73	<LOD		<LOD	6517.6	<LOD	1033.34	<LOD	92.01	125.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	119	119.1	868135	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123896.75	<LOD	<LOD	<LOD	<LOD	1547	<LOD	15	<LOD	<LOD	<LOD	<LOD	2.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	5927.63	<LOD	<LOD	<LOD	50	159.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	120	120.1	902169.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	323	<LOD	<LOD	<LOD	<LOD	<LOD	72977.59	<LOD	<LOD	<LOD	<LOD	1512	14	18	125	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24.59
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	121	121.1	879052.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110770.52	<LOD	<LOD	<LOD	<LOD	406	14	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	7914.77	<LOD	<LOD	<LOD	1162	137.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	122	122.1	863442.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129535.76	<LOD	<LOD	<LOD	<LOD	552	18	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	5694.34	<LOD	<LOD	<LOD	<LOD	169.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	123	123.1	857145.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130952.2	<LOD	<LOD	<LOD	<LOD	2441	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	170	<LOD	<LOD	<LOD	7936.77	<LOD	<LOD	<LOD	73	101.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	124	124.1	822352.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	168005.75	<LOD	<LOD	<LOD	<LOD	1601	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	6921.14	<LOD	<LOD	<LOD	67	99.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	125	125.1	893922.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88759.73	<LOD	<LOD	<LOD	<LOD	488	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5165.21	<LOD	<LOD	<LOD	74	128.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	125	125.05	886155.69	<LOD		<LOD	<LOD		<LOD	8850.26	<LOD		<LOD	<LOD		<LOD	98213.47	<LOD	<LOD	<LOD		554.99	<LOD	13.19	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	6035.99	<LOD	<LOD	<LOD	38.02	116.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	126	126.1	882777	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110321.74	<LOD	<LOD	<LOD	<LOD	574	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5884.67	<LOD	<LOD	<LOD	41	132.52
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	127	127.1	886985.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94215.3	<LOD	<LOD	<LOD	<LOD	461	<LOD	15	<LOD	<LOD	<LOD	<LOD	2.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	6775.21	<LOD	<LOD	<LOD	28	142.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	128	128.1	878057	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113219.63	<LOD	<LOD	<LOD	<LOD	771	<LOD	17	<LOD	<LOD	<LOD	<LOD	3.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	6542.91	<LOD	<LOD	<LOD	740	152.58
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	129	129.1	894077.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93370.41	<LOD	<LOD	<LOD	<LOD	424	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	4456.18	<LOD	<LOD	<LOD	45	149.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	131	131.1	928500.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50563.26	<LOD	<LOD	<LOD	<LOD	283	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	4327.37	<LOD	<LOD	<LOD	22	114.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	132	132.05	891766.56	<LOD		<LOD	<LOD		<LOD	5150.01	<LOD		<LOD	<LOD		<LOD	96999.2	<LOD	<LOD	<LOD		501.26	<LOD	8.12	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4577.54	<LOD	509.65	<LOD	54.8	113.37
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	133	133.1	903386.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76936.08	<LOD	<LOD	<LOD	<LOD	372	12	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5666.15	<LOD	<LOD	<LOD	<LOD	145.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	135	135.1	862937.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128994.66	<LOD	<LOD	<LOD	<LOD	580	18	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6594.27	<LOD	<LOD	<LOD	122	162.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	136	136.05	904734.63	<LOD		<LOD	<LOD		<LOD	3546.08	<LOD		486.09	<LOD		<LOD	84061.98	<LOD	<LOD	<LOD		624.46	<LOD	16.44	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5607.4	<LOD	465.37	<LOD	51.26	124.32
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	137	137.1	883058.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109532.63	<LOD	<LOD	<LOD	<LOD	544	<LOD	9	<LOD	<LOD	<LOD	<LOD	2.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	6225.17	<LOD	<LOD	<LOD	55	168.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	139	139.1	857476.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136185.48	<LOD	<LOD	<LOD	<LOD	622	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	4738.54	<LOD	<LOD	<LOD	41	134.12
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	140	140.1	880928.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111497.18	<LOD	<LOD	<LOD	<LOD	1035	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5026.03	<LOD	509.01	<LOD	52	134.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	141	141.1	921074.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55294.71	<LOD	<LOD	<LOD	<LOD	361	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4	<LOD	<LOD	<LOD	2117.6	<LOD	<LOD	<LOD	<LOD	138.28
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	142	142.1	788732.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	199857.89	<LOD	<LOD	<LOD	<LOD	4105	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6346.41	<LOD	<LOD	<LOD	<LOD	119.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	144	144.1	870684.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122107.83	<LOD	<LOD	<LOD	<LOD	1228	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4837.99	<LOD	<LOD	<LOD	45	150.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	145	145.05	926627.63	<LOD		<LOD	<LOD		<LOD	2222.6	<LOD		<LOD	94.74		<LOD	67544.11	<LOD	<LOD	<LOD		499.78	<LOD	8.37	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2514.96	<LOD	163.49	<LOD	<LOD	155.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	146	146.1	834795	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160688.09	<LOD	<LOD	<LOD	<LOD	693	36	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2865.29	<LOD	<LOD	<LOD	118	111.78
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	148	148.1	844508.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150282.45	<LOD	<LOD	<LOD	<LOD	793	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	3342.33	<LOD	<LOD	<LOD	49	109.35
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	150	150.1	859088.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132909.27	<LOD	<LOD	<LOD	<LOD	960	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	5833.94	<LOD	<LOD	<LOD	46	163.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	150	150.05	847150.94	<LOD		<LOD	<LOD		<LOD	5455.57	<LOD		<LOD	<LOD		<LOD	138521.02	<LOD	<LOD	<LOD		1153.2	<LOD	14.53	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	31.96	<LOD		<LOD	6570.38	<LOD	920.87	<LOD	38.94	142.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	152	152.1	918914.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61858.6	<LOD	<LOD	<LOD	<LOD	364	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5890.19	<LOD	<LOD	<LOD	164	184.35
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	154	154.1	881328.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112073.09	<LOD	<LOD	<LOD	<LOD	935	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4978	<LOD	<LOD	<LOD	46	101.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	155	155.1	873669.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119720.73	<LOD	<LOD	<LOD	<LOD	568	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	5145.53	<LOD	<LOD	<LOD	53	127.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	156	156.1	833801.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160898.11	<LOD	<LOD	<LOD	<LOD	853	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3496.19	<LOD	<LOD	<LOD	53	88.9
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	156	156.05	906453.75	<LOD		<LOD	<LOD		<LOD	3917.09	<LOD		<LOD	<LOD		<LOD	81678.85	<LOD	<LOD	<LOD		564.23	<LOD	11.81	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	40.31	<LOD		<LOD	6344.02	<LOD	535.21	<LOD	41.51	162.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	157	157.1	865765	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124738.55	<LOD	<LOD	<LOD	<LOD	525	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	6979.54	<LOD	<LOD	<LOD	729	159.52
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	159	159.1	845938.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146483.98	<LOD	<LOD	<LOD	<LOD	840	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	5699.47	<LOD	<LOD	<LOD	70	132.14
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	161	161.1	828458.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166612.64	<LOD	<LOD	<LOD	<LOD	829	<LOD	14	<LOD	<LOD	<LOD	<LOD	5.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75	<LOD	<LOD	<LOD	2972.42	<LOD	471.04	<LOD	46	105.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	163	163.1	855519.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137315	<LOD	<LOD	<LOD	<LOD	687	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	5015.15	<LOD	673.97	<LOD	242	118.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	165	165.1	864159.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130088.15	<LOD	<LOD	<LOD	<LOD	597	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4317.61	<LOD	<LOD	<LOD	<LOD	118.72
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	166	166.05	807692.06	<LOD		<LOD	<LOD		<LOD	7633.47	<LOD		<LOD	<LOD		<LOD	176504.89	<LOD	<LOD	<LOD		1950.56	<LOD	12.52	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4904.73	<LOD	775.18	<LOD	59.22	146.74
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	167	167.1	889943.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102366.56	<LOD	<LOD	<LOD	<LOD	306	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6591.15	<LOD	<LOD	<LOD	61	152.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	169	169.1	847990.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144162.67	<LOD	<LOD	<LOD	<LOD	1082	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60	<LOD	<LOD	<LOD	5702.91	<LOD	<LOD	<LOD	59	137.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	171	171.1	886611.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106355.4	<LOD	<LOD	<LOD	<LOD	506	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	5645.27	<LOD	<LOD	<LOD	<LOD	144.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	171	171.05	912824.5	<LOD		<LOD	<LOD		<LOD	3995.56	<LOD		<LOD	199.59		<LOD	67700.41	<LOD	<LOD	<LOD		572.68	<LOD	22.33	<LOD		<LOD	<LOD	<LOD	<LOD	8133.97	<LOD		<LOD		<LOD	24.43	<LOD		<LOD	5751.61	<LOD	338.55	<LOD	<LOD	124.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	173	173.1	843917	<LOD	<LOD	<LOD	<LOD	574	13	<LOD	<LOD	<LOD	<LOD	<LOD	79	<LOD	143492.14	<LOD	<LOD	<LOD	<LOD	945	12	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112	<LOD	<LOD	121	<LOD	9377.66	<LOD	<LOD	<LOD	1717	179.16
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	175	175.1	836779.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	154921.19	<LOD	<LOD	<LOD	<LOD	1199	19	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	5415.94	<LOD	<LOD	<LOD	72	173.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	177	177.1	927087.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51051.85	<LOD	<LOD	<LOD	<LOD	522	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	4214.75	<LOD	<LOD	<LOD	34	118.9
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	178	178.05	869681.56	<LOD		<LOD	<LOD		<LOD	7049.9	<LOD		<LOD	<LOD		<LOD	115628.84	<LOD	<LOD	<LOD		811.18	<LOD	15.44	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	40.04	<LOD		<LOD	5937.73	<LOD	616.84	<LOD	80.71	137.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	178.4	178.5	737038.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	208	260549.45	<LOD	<LOD	<LOD	<LOD	550	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	156	339	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	179	179.1	882979.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110382.59	<LOD	<LOD	<LOD	<LOD	758	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5032.24	<LOD	<LOD	<LOD	52	126.39
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	181	181.1	847519.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145524.22	<LOD	<LOD	<LOD	<LOD	683	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5241.85	<LOD	<LOD	<LOD	57	154.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	181.5	181.6	861817.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131312.84	<LOD	<LOD	<LOD	<LOD	321	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	5467.36	<LOD	<LOD	<LOD	59	134.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	182	182.1	882469.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106060.75	<LOD	<LOD	<LOD	<LOD	494	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	5657.91	<LOD	<LOD	<LOD	219	120.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	183	183.1	878281.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112283.3	<LOD	<LOD	<LOD	<LOD	444	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	7168.49	<LOD	<LOD	<LOD	882	131.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	184	184.1	919694.06	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58221.58	<LOD	<LOD	<LOD	<LOD	269	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	5919.64	<LOD	<LOD	<LOD	39	154.69
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	184	184.05	872703.63	<LOD		<LOD	<LOD		<LOD	5711.08	<LOD		<LOD	<LOD		<LOD	115043.73	<LOD	<LOD	<LOD		531.18	<LOD	11.23	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	23.74	<LOD		<LOD	5245.28	<LOD	519.42	<LOD	70.69	131.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	185	185.1	907056.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70773.31	<LOD	<LOD	<LOD	<LOD	414	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	5834.14	<LOD	<LOD	<LOD	464	121.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	186	186.1	911301.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66918.48	<LOD	<LOD	<LOD	<LOD	412	10	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	<LOD	4903.26	<LOD	<LOD	<LOD	40	147.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	187	187.1	878225	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114648.92	<LOD	<LOD	<LOD	<LOD	449	<LOD	11	102	<LOD	<LOD	<LOD	11.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	5534.32	<LOD	<LOD	<LOD	<LOD	126.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	188	188.1	859299	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131639.64	<LOD	<LOD	<LOD	<LOD	1255	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	6641.34	<LOD	<LOD	<LOD	117	117.01
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	189	189.1	843439.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145746.08	<LOD	<LOD	<LOD	<LOD	1021	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	8557.58	<LOD	<LOD	<LOD	57	113.32
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	190	190.1	808189	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	178216.08	<LOD	<LOD	<LOD	<LOD	1741	<LOD	16	<LOD	<LOD	<LOD	<LOD	4.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	222	<LOD	<LOD	<LOD	9715.08	<LOD	761.55	<LOD	197	130.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	190	190.05	829956.88	<LOD		<LOD	<LOD		<LOD	16175.31	<LOD		<LOD	<LOD		<LOD	144057.3	<LOD	<LOD	<LOD		1877.44	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	90.19	<LOD		<LOD	6838.35	<LOD	789.88	<LOD	121.77	84.46
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	191	191.1	877521.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109344.02	<LOD	<LOD	<LOD	<LOD	1911	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	868	<LOD	<LOD	<LOD	8797.86	<LOD	<LOD	<LOD	249	114.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	192	192.1	884068	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102315.98	<LOD	<LOD	<LOD	<LOD	2116	16	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1451	<LOD	<LOD	<LOD	8274.02	<LOD	643.35	<LOD	101	108.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	193	193.1	848725.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139942.56	<LOD	<LOD	<LOD	<LOD	2211	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	409	<LOD	<LOD	<LOD	6637.79	<LOD	583.63	<LOD	701	119.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	194	194.1	882821.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108385.16	<LOD	<LOD	<LOD	<LOD	2299	<LOD	13	<LOD	<LOD	<LOD	<LOD	3.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	461	<LOD	<LOD	<LOD	4844.89	<LOD	<LOD	<LOD	103	102.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	195	195.1	835101.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	154587.94	<LOD	<LOD	<LOD	<LOD	2350	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	273	<LOD	<LOD	<LOD	6191.28	<LOD	<LOD	<LOD	517	60.37
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	196	196.1	868538.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119556.38	<LOD	<LOD	<LOD	<LOD	2566	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1103	<LOD	<LOD	<LOD	6440.96	<LOD	<LOD	<LOD	499	83.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	198	198.1	852404.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126938.39	<LOD	<LOD	<LOD	<LOD	1885	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	819	<LOD	<LOD	<LOD	15845.58	<LOD	924.27	<LOD	184	101.09
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	199	199.1	859373.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126436.77	<LOD	<LOD	<LOD	<LOD	2067	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	936	<LOD	<LOD	<LOD	9758.34	<LOD	890.65	<LOD	127	135.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	200	200.1	841961.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	149708.7	<LOD	<LOD	<LOD	<LOD	1612	15	10	123	<LOD	<LOD	<LOD	3.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	5359.78	<LOD	<LOD	<LOD	211	50.52
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	201	201.1	872179.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121459.63	<LOD	<LOD	<LOD	<LOD	1728	12	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	358	<LOD	<LOD	<LOD	2770.07	<LOD	<LOD	<LOD	203	92.58
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	202	202.1	842554.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151246.42	<LOD	<LOD	<LOD	<LOD	2350	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	364	<LOD	<LOD	<LOD	2415.25	<LOD	<LOD	<LOD	177	64.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	202	202.05	792684.94	<LOD		<LOD	<LOD		<LOD	66552.77	<LOD		<LOD	<LOD		<LOD	125430.08	<LOD	<LOD	<LOD		2472.16	<LOD	10.95	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	566.86	<LOD		<LOD	9439.23	<LOD	355.97	<LOD	130.17	75.22
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	203	203.1	868632.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121886.14	<LOD	<LOD	<LOD	<LOD	1787	16	11	<LOD	<LOD	<LOD	<LOD	2.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152	<LOD	<LOD	<LOD	5949.03	<LOD	602.47	<LOD	230	70.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	204	204.1	845304.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148078.7	<LOD	<LOD	<LOD	<LOD	755	<LOD	9	116	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4366.05	<LOD	<LOD	<LOD	301	88.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	205	205.1	848104.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141831.63	<LOD	<LOD	<LOD	<LOD	1852	<LOD	12	<LOD	<LOD	<LOD	<LOD	8.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	251	<LOD	<LOD	<LOD	6128.59	<LOD	<LOD	<LOD	798	87.47
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	206	206.1	883426	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100642.63	<LOD	<LOD	<LOD	<LOD	1655	14	10	134	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	819	<LOD	<LOD	<LOD	12071.44	<LOD	<LOD	<LOD	211	104.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	207	207.1	887513.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	101058.28	<LOD	<LOD	<LOD	<LOD	1591	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	861	<LOD	<LOD	<LOD	7683.94	<LOD	608.35	<LOD	112	97.78

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	208	208.1	862256	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126484.16	<LOD	<LOD	<LOD	<LOD	2019	<LOD	11	<LOD	<LOD	<LOD	<LOD	4.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	708	<LOD	<LOD	<LOD	6096.56	<LOD	689.46	<LOD	1065	71.76
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	208.5	208.6	888132.38	<LOD	<LOD	<LOD	<LOD	729	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102	<LOD	102926.67	<LOD	<LOD	<LOD	<LOD	2088	11	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	731	<LOD	176	<LOD	5299.57	<LOD	<LOD	<LOD	124	109.32
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	209	209.1	860842	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121513.97	<LOD	<LOD	<LOD	<LOD	1824	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	667	<LOD	<LOD	<LOD	12846.79	<LOD	784.41	<LOD	655	130.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	210	210.1	779865.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	195876.17	<LOD	<LOD	<LOD	<LOD	1775	<LOD	10	<LOD	<LOD	<LOD	<LOD	20.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	485	<LOD	<LOD	<LOD	17339.53	<LOD	3042.12	<LOD	1222	93.11
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	211	211.1	856027.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132861.53	<LOD	<LOD	<LOD	<LOD	2130	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	782	<LOD	<LOD	<LOD	6523.02	<LOD	803.43	<LOD	161	49.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	211	211.05	778924.63	<LOD		<LOD	<LOD		<LOD	96724.05	<LOD		<LOD	<LOD		<LOD	117705.11	<LOD	<LOD	<LOD		2410.55	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	664.73	<LOD		<LOD	2632.27	<LOD	787.16	<LOD	114.61	36.83
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	212	212.1	911370	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78731.45	<LOD	<LOD	<LOD	<LOD	1328	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	790	<LOD	<LOD	<LOD	6219.38	<LOD	<LOD	<LOD	149	198.74
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	213	213.1	837416.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	153071.22	<LOD	<LOD	<LOD	<LOD	2338	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	325	<LOD	<LOD	<LOD	5351.52	<LOD	953.99	<LOD	116	52.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	214	214.1	910063.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81156.01	<LOD	<LOD	<LOD	<LOD	2036	13	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	820	<LOD	<LOD	<LOD	4768.14	<LOD	<LOD	<LOD	158	185.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	215	215.1	854549.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131523.42	<LOD	<LOD	<LOD	<LOD	2510	16	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119	723	<LOD	<LOD	<LOD	8941.88	<LOD	744.2	<LOD	141	91.29
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	217	217.1	870072.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117927.13	<LOD	<LOD	<LOD	<LOD	2218	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	248	<LOD	<LOD	<LOD	8483.61	<LOD	<LOD	<LOD	145	92.77
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	217	217.05	810773.06	<LOD		<LOD	<LOD		<LOD	80977.66	<LOD		<LOD	<LOD		<LOD	91692.61	<LOD	<LOD	<LOD		3172.06	16.07	13.75	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	682.02	<LOD		<LOD	11237.86	<LOD	590.88	<LOD	82.23	118.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	217.5	217.6	894547.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83726.88	<LOD	<LOD	<LOD	<LOD	589	<LOD	20	<LOD	<LOD	<LOD	<LOD	4.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	8492.57	<LOD	<LOD	<LOD	71	155.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	218	218.1	929186.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48687.79	<LOD	<LOD	<LOD	<LOD	456	<LOD	18	<LOD	<LOD	<LOD	<LOD	7.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62	<LOD	<LOD	<LOD	5272.35	<LOD	<LOD	<LOD	27	229.49
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	218.5	218.6	908844.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69397.06	<LOD	<LOD	<LOD	<LOD	331	<LOD	21	<LOD	<LOD	<LOD	<LOD	14.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	5100.61	<LOD	<LOD	<LOD	36	247.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	218.65	218.75	908420	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77139.73	<LOD	<LOD	<LOD	<LOD	435	<LOD	17	<LOD	<LOD	<LOD	<LOD	3.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	15	3278.9	<LOD	<LOD	<LOD	<LOD	271.39
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	219	219.1	901259.69	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80296.73	<LOD	<LOD	<LOD	<LOD	488	<LOD	15	<LOD	<LOD	<LOD	<LOD	14.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	14	3757.48	<LOD	<LOD	<LOD	40	354.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	220	220.1	931023.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50506.52	<LOD	<LOD	<LOD	<LOD	463	<LOD	15	<LOD	<LOD	<LOD	<LOD	7.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	4091.5	<LOD	<LOD	<LOD	338	231.14
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	221	221.1	893293	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99489.09	<LOD	<LOD	<LOD	<LOD	643	<LOD	24	<LOD	<LOD	<LOD	<LOD	10.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	<LOD	5211.34	<LOD	<LOD	<LOD	632	248.88
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	222	222.1	822769.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	164136.91	<LOD	<LOD	<LOD	<LOD	1484	<LOD	10	<LOD	<LOD	<LOD	<LOD	3.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75	<LOD	<LOD	<LOD	10164.17	<LOD	<LOD	<LOD	126	102
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	222	222.05	783258.31	<LOD		<LOD	<LOD		<LOD	38857.1	<LOD		631.9	<LOD		<LOD	164995.86	<LOD	<LOD	<LOD		1183.43	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	43.3	<LOD		<LOD	10166.37	<LOD	635.48	<LOD	139.83	80.45
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	223	223.1	807317.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	179245.64	<LOD	<LOD	<LOD	<LOD	1603	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	10588.75	<LOD	<LOD	<LOD	119	95.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	224	224.1	873023.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115291.49	<LOD	<LOD	<LOD	<LOD	1326	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	507	<LOD	<LOD	<LOD	8404.27	<LOD	657.1	<LOD	229	97.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	224.2	224.3	884302.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103488.09	<LOD	<LOD	<LOD	<LOD	4747	<LOD	12	<LOD	<LOD	<LOD	<LOD	5.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	689	<LOD	<LOD	<LOD	5519.93	<LOD	<LOD	<LOD	60	80.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	224.5	224.6	875040.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113152.66	<LOD	<LOD	<LOD	<LOD	1700	<LOD	21	<LOD	<LOD	<LOD	<LOD	8.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	647	<LOD	<LOD	<LOD	8019.34	<LOD	<LOD	<LOD	62	117.76
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	224.7	224.8	862283.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126490.25	<LOD	<LOD	<LOD	<LOD	2022	<LOD	10	<LOD	<LOD	<LOD	<LOD	13.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	369	<LOD	<LOD	<LOD	7581.66	<LOD	570.79	<LOD	84	105.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	224.8	224.9	945658.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35470.54	<LOD	<LOD	<LOD	<LOD	445	<LOD	21	<LOD	<LOD	<LOD	<LOD	7.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	2941.32	<LOD	<LOD	<LOD	30	289.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	225	225.1	936370.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43989.35	<LOD	<LOD	<LOD	<LOD	560	<LOD	18	<LOD	<LOD	<LOD	<LOD	13.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	2813.66	<LOD	<LOD	<LOD	27	303.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	226	226.1	917940.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62850.05	<LOD	<LOD	<LOD	<LOD	779	<LOD	23	<LOD	<LOD	<LOD	<LOD	17.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2566.23	<LOD	<LOD	<LOD	35	257.38
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	226	226.05	930464.38	<LOD		<LOD	<LOD		<LOD	1369.71	<LOD		<LOD	107.27		<LOD	49723.33	<LOD	<LOD	13176.85		736.96	<LOD	20.62	<LOD		<LOD	<LOD	6.4	<LOD	<LOD	<LOD		<LOD		<LOD	26.85	<LOD		<LOD	3597.78	<LOD	138.51	<LOD	56.97	286.48
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	227	227.1	933959.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46148.84	<LOD	<LOD	<LOD	<LOD	477	<LOD	24	<LOD	<LOD	<LOD	<LOD	14.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	3221.37	<LOD	<LOD	<LOD	42	412.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	228	228.1	916288.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65811.89	<LOD	<LOD	<LOD	<LOD	1061	<LOD	23	<LOD	<LOD	<LOD	<LOD	5.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	2355.22	<LOD	<LOD	<LOD	33	301.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	229	229.1	938296.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41109.37	<LOD	<LOD	<LOD	<LOD	399	<LOD	28	<LOD	<LOD	<LOD	<LOD	6.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	2860.05	<LOD	<LOD	<LOD	39	357
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	230	230.1	920462.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60892.86	<LOD	<LOD	<LOD	<LOD	343	<LOD	18	<LOD	<LOD	<LOD	<LOD	5.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	2903.56	<LOD	<LOD	<LOD	73	302.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	231	231.1	916158.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63479.91	<LOD	<LOD	<LOD	<LOD	233	<LOD	27	<LOD	<LOD	<LOD	<LOD	15.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	3590.38	<LOD	<LOD	<LOD	32	388.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	231.5	231.6	916704.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66052.17	<LOD	<LOD	<LOD	<LOD	580	<LOD	19	<LOD	<LOD	<LOD	<LOD	9.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	3328.44	<LOD	<LOD	<LOD	38	272.22
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	231.7	231.8	910268.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71323.06	<LOD	<LOD	<LOD	<LOD	515	<LOD	22	<LOD	<LOD	<LOD	<LOD	5.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3409.56	<LOD	<LOD	<LOD	29	288.44
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	232	232.1	913334.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66981.13	<LOD	<LOD	<LOD	<LOD	218	<LOD	18	<LOD	<LOD	<LOD	<LOD	11.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	3970.32	<LOD	<LOD	<LOD	55	259.45
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	232	232.05	905720	<LOD		<LOD	<LOD		16.97	2201.45	<LOD		<LOD	116.01		<LOD	73169.09	<LOD	<LOD	13560.41		657.88	11.97	22.01	<LOD		<LOD	<LOD	5.33	<LOD	<LOD	<LOD		<LOD		<LOD	28.23	<LOD		<LOD	3906.21	<LOD	248.7	<LOD	47.52	288.23
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	232.3	232.4	904502.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79209.22	<LOD	<LOD	<LOD	<LOD	782	<LOD	23	<LOD	<LOD	<LOD	<LOD	10.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3482.18	<LOD	<LOD	<LOD	<LOD	290.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	232.75	232.85	920073.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60252.96	<LOD	<LOD	<LOD	<LOD	512	<LOD	19	<LOD	<LOD	<LOD	<LOD	10.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	3811.2	<LOD	<LOD	<LOD	28	266.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	233	233.1	903517.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79044.2	<LOD	<LOD	<LOD	<LOD	717	<LOD	14	<LOD	<LOD	<LOD	<LOD	2.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4226.14	<LOD	<LOD	<LOD	31	167.17
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	233.31	233.41	910651.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66145.28	<LOD	<LOD	<LOD	<LOD	614	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	4897.65	<LOD	<LOD	<LOD	46	227.02
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	234	234.1	838398.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151137.92	<LOD	<LOD	<LOD	<LOD	934	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8235.58	<LOD	<LOD	<LOD	86	151.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	235	235.1	889522.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93566.18	<LOD	<LOD	<LOD	<LOD	1193	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	4417.21	<LOD	<LOD	<LOD	95	135.16
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	236	236.1	929059.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49036.15	<LOD	<LOD	<LOD	<LOD	327	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6803.47	<LOD	<LOD	<LOD	36	160.93
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	237	237.1	909636.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72573.9	<LOD	<LOD	<LOD	<LOD	503	<LOD	13	<LOD	<LOD	<LOD	<LOD	2.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	4554.38	<LOD	<LOD	<LOD	<LOD	122.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	238	238.1	836375.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	156473.06	<LOD	<LOD	<LOD	<LOD	930	30	13	<LOD	<LOD	<LOD	<LOD	2.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4758.4	<LOD	637.16	<LOD	85	141.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	239	239.1	924116.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	301	<LOD	<LOD	<LOD	51351.57	<LOD	<LOD	<LOD	<LOD	268	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6308.09	<LOD	<LOD	<LOD	<LOD	182.19
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	239	239.05	868240.5	<LOD		<LOD	<LOD		<LOD	3642.39	<LOD		695.01	<LOD		<LOD	120724.91	<LOD	<LOD	<LOD		706.7	<LOD	10.65	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5225.26	<LOD	562.59	<LOD	48.75	136.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	240	240.1	895425.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91040.77	<LOD	<LOD	<LOD	<LOD	435	<LOD	15	<LOD	<LOD	<LOD	<LOD	3.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4580.47	<LOD	<LOD	<LOD	37	152.59
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	241	241.1	858741.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133434.72	<LOD	<LOD	<LOD	<LOD	934	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6048.33	<LOD	<LOD	<LOD	82	156.98
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	242	242.1	828435.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160557.86	<LOD	<LOD	<LOD	<LOD	1413	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8517.17	<LOD	<LOD	<LOD	70	145.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	243	243.1	930593.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	353	<LOD	<LOD	<LOD	43956.7	<LOD	<LOD	<LOD	<LOD	477	24	19	<LOD	<LOD	<LOD	<LOD	7.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3205.92	<LOD	<LOD	<LOD	34	82.01
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	244	244.1	856987.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133837.73	<LOD	<LOD	<LOD	<LOD	844	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7546.56	<LOD	<LOD	<LOD	48	168.61
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	245	245.1	844666.5	1056	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	852	<LOD	<LOD	<LOD	1518	<LOD	143069.14	<LOD	<LOD	<LOD	<LOD	1298	<LOD	13	<LOD	<LOD	<LOD	884	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	3015	<LOD	7181.3	<LOD	<LOD	<LOD	55	101.93
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	246	246.1	900790.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95032.63	<LOD	<LOD	<LOD	<LOD	591	49	19	<LOD	<LOD	<LOD	<LOD	2.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	2693.99	<LOD	<LOD	<LOD	37	89.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	246	246.05	944526.44	<LOD		<LOD	<LOD		<LOD	2479.35	<LOD		<LOD	99.62		<LOD	47282	<LOD	<LOD	<LOD		226.22	21.3	16.93	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	36.99	<LOD		<LOD	4594.81	<LOD	373.31	<LOD	30.54	99.98
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	247	247.1	856797.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132512.73	<LOD	<LOD	<LOD	<LOD	632	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7524.9	<LOD	852.31	<LOD	951	135.31
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	249	249.1	923244.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56926.43	<LOD	<LOD	<LOD	<LOD	217	<LOD	11	<LOD	<LOD	<LOD	<LOD	5.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	4450.77	<LOD	<LOD	<LOD	<LOD	117.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	251	251.1	935897.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36679.16	<LOD	<LOD	<LOD	<LOD	280	12	18	<LOD	<LOD	<LOD	<LOD	3.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	9551.61	<LOD	<LOD	<LOD	499	166.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	252	252.05	824482.25	<LOD		17.26	<LOD		<LOD	10933.68	<LOD		611.93	<LOD		<LOD	147573.02	<LOD	<LOD	2676.62		919.04	<LOD	14.6	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	25.36	<LOD		<LOD	11822.66	<LOD	564.56	<LOD	163.22	112.29
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	253	253.1	876986.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111190.58	<LOD	<LOD	<LOD	<LOD	1816	<LOD	11	116	<LOD	<LOD	<LOD	7.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	422	<LOD	<LOD	<LOD	8010.62	<LOD	<LOD	<LOD	91	107.76
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	255	255.1	855594.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129659.2	<LOD	<LOD	<LOD	<LOD	2741	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	759	<LOD	<LOD	<LOD	10519.24	<LOD	<LOD	<LOD	374	128.44
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	257	257.1	885843.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107144.47	<LOD	<LOD	<LOD	<LOD	1431	<LOD	20	<LOD	<LOD	<LOD	<LOD	4.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	362	<LOD	<LOD	<LOD	4287.19	<LOD	<LOD	<LOD	83	193.6
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	258	258.1	872341.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119854.57	<LOD	<LOD	<LOD	<LOD	1026	<LOD	11	<LOD	<LOD	<LOD	<LOD	4.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	5873.43	<LOD	<LOD	<LOD	<LOD	194.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	259	259.05	902309.06	<LOD		<LOD	<LOD		<LOD	3131.76	<LOD		<LOD	<LOD		<LOD	80884	<LOD	<LOD	8769.57		494.88	<LOD	13.18	<LOD		<LOD	<LOD	2.66	<LOD	<LOD	<LOD		<LOD		<LOD	33.08	<LOD		<LOD	3870.45	<LOD	198.8	<LOD	94.86	187.03
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	260	260.1	925826.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57079.51	<LOD	<LOD	<LOD	<LOD	444	<LOD	11	<LOD	<LOD	<LOD	<LOD	8.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2846.84	<LOD	<LOD	<LOD	<LOD	291.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	261	261.1	926028.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56724.64	<LOD	<LOD	<LOD	<LOD	442	<LOD	17	<LOD	<LOD	<LOD	<LOD	8.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	3455.31	<LOD	<LOD	<LOD	<LOD	242.03
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	263	263.1	919798.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74902.6	<LOD	<LOD	<LOD	<LOD	295	13	19	<LOD	<LOD	<LOD	<LOD	4.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	264	<LOD	<LOD	<LOD	3689.23	<LOD	<LOD	<LOD	391	277.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	265	265.1	930771.44	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49861.08	<LOD	<LOD	<LOD	<LOD	289	<LOD	18	<LOD	<LOD	<LOD	<LOD	6.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	12	2601.87	<LOD	<LOD	<LOD	43	272.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	265	265.05	905360.25	<LOD		<LOD	<LOD		13.57	2154.99	<LOD		<LOD	106.31		<LOD	66419.55	<LOD	<LOD	22545.57		279.38	<LOD	11.29	<LOD		<LOD	<LOD	6.97	<LOD	<LOD	<LOD		<LOD		<LOD	38.23	<LOD		<LOD	2547.24	<LOD	153.55	<LOD	60.45	292.78
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	267	267.1	926990	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50593.62	<LOD	<LOD	<LOD	<LOD	379	<LOD	24	<LOD	<LOD	<LOD	<LOD	10.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	5958.85	<LOD	<LOD	<LOD	347	258.86
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	268	268.1	923646	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	53050.78	<LOD	<LOD	<LOD	<LOD	284	<LOD	22	<LOD	<LOD	<LOD	<LOD	10.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5653.7	<LOD	<LOD	<LOD	421	239.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	269	269.1	906568.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69764.54	<LOD	<LOD	<LOD	<LOD	545	<LOD	16	<LOD	<LOD	<LOD	<LOD	6.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	4433.16	<LOD	<LOD	<LOD	349	195.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	270	270.1	905013.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87015.97	<LOD	<LOD	<LOD	<LOD	1034	<LOD	14	<LOD	<LOD	<LOD	<LOD	3.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	6044.85	<LOD	<LOD	<LOD	61	210.29
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	271	271.1	869669.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118954.41	<LOD	<LOD	<LOD	<LOD	1437	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	539	<LOD	<LOD	<LOD	8328.35	<LOD	<LOD	<LOD	162	112.05
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	272	272.1	829326.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	156620	<LOD	<LOD	<LOD	<LOD	3263	<LOD	10	164	<LOD	<LOD	<LOD	6.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	535	<LOD	<LOD	<LOD	8542.92	<LOD	723.02	<LOD	267	92.84
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	272	272.05	791743	<LOD		20.58	<LOD		<LOD	65088.99	<LOD		<LOD	<LOD		<LOD	124667.97	<LOD	<LOD	4156.36		3023.65	<LOD	21.38	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	602.1	<LOD		<LOD	9263.43	<LOD	468.64	<LOD	200.79	111.14
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	274	274.1	910400.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	441	<LOD	<LOD	<LOD	70959.75	<LOD	<LOD	<LOD	<LOD	215	<LOD	8	<LOD	<LOD	<LOD	<LOD	12.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76	<LOD	<LOD	<LOD	5578.88	<LOD	<LOD	<LOD	81	130.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	276	276.1	866282.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127554.82	<LOD	<LOD	<LOD	<LOD	749	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	4628.13	<LOD	<LOD	<LOD	<LOD	117.33
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	278	278.1	897043.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97213.16	<LOD	<LOD	<LOD	<LOD	215	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	4753.19	<LOD	<LOD	<LOD	<LOD	144.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	280	280.1	898272.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82928.94	<LOD	<LOD	<LOD	<LOD	334	<LOD	12	<LOD	<LOD	<LOD	<LOD	4.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	6074.54	<LOD	<LOD	<LOD	506	129.88
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	280	280.05	871514.31	<LOD		<LOD	<LOD		<LOD	10577.47	<LOD		<LOD	<LOD		<LOD	106944.34	<LOD	<LOD	5167.98		398.67	<LOD	11.93	<LOD		<LOD	<LOD	3.34	<LOD	<LOD	<LOD		<LOD		<LOD	148.72	<LOD		<LOD	4517.16	<LOD	584.69	<LOD	<LOD	107.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	282	282.1	861193.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130169.72	<LOD	<LOD	<LOD	<LOD	1973	<LOD	14	<LOD	<LOD	<LOD	<LOD	6.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	5554.5	<LOD	<LOD	<LOD	76	143.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	284	284.1	798690.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	192046.27	<LOD	<LOD	<LOD	<LOD	603	<LOD	18	<LOD	<LOD	<LOD	<LOD	25.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117	248	<LOD	<LOD	<LOD	7404.64	<LOD	<LOD	<LOD	88	157.88
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	286	286.1	872000.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126	116426.31	<LOD	<LOD	<LOD	<LOD	1337	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	8230.05	<LOD	<LOD	<LOD	977	169.95
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	287	287.1	916971.44	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64892.77	<LOD	<LOD	<LOD	<LOD	759	<LOD	23	<LOD	<LOD	<LOD	<LOD	6.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	13	1708.87	<LOD	<LOD	<LOD	25	454.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	288	288.1	929635	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49135.64	<LOD	<LOD	<LOD	<LOD	226	<LOD	19	<LOD	<LOD	<LOD	<LOD	6.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	4072.78	<LOD	<LOD	<LOD	369	361.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	289	289.1	942438.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37255.74	<LOD	<LOD	<LOD	<LOD	273	15	25	78	<LOD	<LOD	<LOD	6.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	2677.71	<LOD	<LOD	<LOD	28	370.61
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	289	289.05	899325.69	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	67175.8	<LOD	<LOD	29773.34		512.32	<LOD	19.86	<LOD		<LOD	<LOD	11.63	<LOD	<LOD	<LOD		<LOD		<LOD	21.24	<LOD		<LOD	2581.36	<LOD	234.58	<LOD	<LOD	306.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	290	290.1	943554.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39802.05	<LOD	<LOD	<LOD	<LOD	299	<LOD	22	87	<LOD	<LOD	<LOD	6.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	2579.81	<LOD	<LOD	<LOD	20	323.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	291	291.1	926849.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55277.17	<LOD	<LOD	<LOD	<LOD	569	<LOD	18	<LOD	<LOD	<LOD	<LOD	7.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	2794.19	<LOD	<LOD	<LOD	<LOD	317.98
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	292	292.1	933644.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62994.23	<LOD	<LOD	<LOD	<LOD	733	<LOD	22	<LOD	<LOD	<LOD	<LOD	15.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	1754.96	<LOD	<LOD	<LOD	<LOD	299.12
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	293	293.1	935821.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43692.83	<LOD	<LOD	<LOD	<LOD	202	<LOD	30	<LOD	<LOD	<LOD	<LOD	7.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	3622.97	<LOD	<LOD	<LOD	24	544.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	294	294.1	906755.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73909.41	<LOD	<LOD	<LOD	<LOD	565	<LOD	28	<LOD	<LOD	<LOD	<LOD	7.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4117.41	<LOD	<LOD	<LOD	500	416.9
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	295	295.1	937317.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43038.72	<LOD	<LOD	<LOD	<LOD	474	<LOD	21	<LOD	<LOD	<LOD	<LOD	6.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	1842.79	<LOD	<LOD	<LOD	23	372.6
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	295	295.05	897399.75	<LOD		<LOD	<LOD		15.55	1641.36	<LOD		<LOD	90.64		<LOD	69332.25	<LOD	<LOD	27737.64		484.13	<LOD	26.32	<LOD		<LOD	<LOD	11.3	<LOD	<LOD	<LOD		<LOD		<LOD	23.14	<LOD		<LOD	2682.7	<LOD	210.88	<LOD	34.32	302.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	295.5	295.6	926419.25	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52672.24	<LOD	<LOD	<LOD	<LOD	444	<LOD	33	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	2892.07	<LOD	<LOD	<LOD	40	472.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	296	296.1	888320.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100662.3	<LOD	<LOD	<LOD	<LOD	2388	<LOD	26	<LOD	<LOD	<LOD	<LOD	5.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133	<LOD	<LOD	<LOD	7491.81	<LOD	<LOD	<LOD	200	270.97

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	297	297.1	857988.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131976.23	<LOD	<LOD	<LOD	<LOD	2213	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	<LOD	6901.94	<LOD	<LOD	<LOD	313	151.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	298	298.1	859343.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73	134026.42	<LOD	<LOD	<LOD	<LOD	276	<LOD	11	<LOD	<LOD	<LOD	<LOD	3.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	<LOD	<LOD	<LOD	5215.77	<LOD	<LOD	<LOD	139	156.23
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	299.33	299.43	690935.69	<LOD	<LOD	<LOD	<LOD	<LOD	186	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1240	305644.94	<LOD	<LOD	<LOD	<LOD	757	<LOD	<LOD	278	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	166	67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	300	300.1	914459.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57396.45	<LOD	<LOD	<LOD	<LOD	3607	11	9	115	<LOD	<LOD	<LOD	14.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99	<LOD	<LOD	<LOD	7723.46	<LOD	<LOD	<LOD	516	153.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	302	302.1	864377.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126157.71	<LOD	<LOD	<LOD	<LOD	1307	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6626.5	<LOD	<LOD	<LOD	560	135.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	304	304.1	871927.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120528.77	<LOD	<LOD	<LOD	<LOD	267	14	14	<LOD	<LOD	<LOD	<LOD	3.18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5861.17	<LOD	<LOD	<LOD	480	110.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	304	304.05	900934.44	<LOD		<LOD	<LOD		<LOD	2111.64	<LOD		<LOD	<LOD		<LOD	91464.36	<LOD	<LOD	<LOD		<LOD	<LOD	12.23	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3201.36	<LOD	480.8	<LOD	44.39	79.33
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	306	306.1	846912	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143281.91	<LOD	<LOD	<LOD	<LOD	850	12	19	<LOD	<LOD	<LOD	<LOD	16.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	7054.61	<LOD	<LOD	<LOD	787	214.54
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	308	308.1	837599.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	154487.92	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6097.43	<LOD	<LOD	<LOD	525	150.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	309	309.05	864051.13	<LOD		<LOD	<LOD		<LOD	2311.72	<LOD		<LOD	<LOD		<LOD	120671.71	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	4832.66	<LOD	851.92	<LOD	36.74	116
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	310	310.1	870669.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118950.9	<LOD	<LOD	<LOD	<LOD	2775	<LOD	13	117	<LOD	<LOD	<LOD	12.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97	297	<LOD	<LOD	<LOD	6107.04	<LOD	<LOD	<LOD	60	168.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	312	312.1	927004.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51814.73	<LOD	<LOD	<LOD	<LOD	619	<LOD	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5359.21	<LOD	<LOD	<LOD	151	119.78
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	313	313.1	875969.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114992.05	<LOD	<LOD	<LOD	<LOD	674	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7157.91	<LOD	<LOD	<LOD	55	178.94
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	314	314.1	873122.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118022.9	<LOD	<LOD	<LOD	<LOD	725	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7030.21	<LOD	513.32	<LOD	172	192.57
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	314	314.05	927905.63	<LOD		<LOD	<LOD		<LOD	2833.02	<LOD		<LOD	103.52		<LOD	60417.53	<LOD	<LOD	<LOD		<LOD	<LOD	17.5	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	7772.9	<LOD	221.77	<LOD	33.02	168.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	316	316.1	921088.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56341.97	<LOD	<LOD	<LOD	<LOD	395	11	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5063.53	<LOD	<LOD	<LOD	164	119.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	318	318.1	851785.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135424.41	<LOD	<LOD	<LOD	<LOD	462	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10034.8	<LOD	<LOD	<LOD	954	235.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	320	320.1	792817.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	198005.83	<LOD	<LOD	<LOD	<LOD	529	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5809.87	<LOD	<LOD	<LOD	1926	139.16
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	322	322.1	840747	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	153738.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4501.79	<LOD	500.48	<LOD	<LOD	138.72
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	323	323.05	927178.19	<LOD		<LOD	<LOD		<LOD	3381.27	<LOD		<LOD	<LOD		<LOD	62402.05	<LOD	<LOD	<LOD		<LOD	<LOD	12.77	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	6280.63	<LOD	294.39	<LOD	<LOD	141.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	324	324.1	835986.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	157402.06	<LOD	<LOD	<LOD	<LOD	307	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5380.01	<LOD	<LOD	<LOD	<LOD	157.11
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	325	325.1	893015.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85590.34	<LOD	<LOD	<LOD	<LOD	634	16	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4786.82	<LOD	553.38	<LOD	<LOD	134.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	326	326.1	859292.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137187.3	<LOD	<LOD	<LOD	<LOD	650	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	2097.55	<LOD	<LOD	<LOD	42	120.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	327	327.1	877336.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114552.46	<LOD	<LOD	<LOD	<LOD	1277	<LOD	10	127	<LOD	<LOD	<LOD	3.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	5756.6	<LOD	<LOD	<LOD	47	152.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	328	328.1	923362.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57184.29	<LOD	<LOD	<LOD	<LOD	234	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3327.29	<LOD	<LOD	<LOD	99	94.47
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	329	329.1	828047.13	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160674.38	<LOD	<LOD	<LOD	<LOD	956	15	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	8673.93	<LOD	<LOD	<LOD	167	245.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	329.5	329.6	780516.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139	213116.88	<LOD	<LOD	<LOD	<LOD	1037	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	3657.09	<LOD	<LOD	<LOD	61	115.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	329.8	329.9	737468.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1267	254026.86	<LOD	<LOD	<LOD	<LOD	1263	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	151	46	<LOD	<LOD	<LOD	4229.34	<LOD	<LOD	<LOD	79	166.39
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	330	330.1	850852.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141017.11	<LOD	<LOD	<LOD	<LOD	1359	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5048.38	<LOD	<LOD	<LOD	722	159.92
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	330	330.05	901710.69	<LOD		<LOD	<LOD		<LOD	6020.1	<LOD		<LOD	118.5		<LOD	84425.56	<LOD	<LOD	<LOD		708.18	<LOD	19.94	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	49.96	<LOD		<LOD	5943.01	<LOD	424.89	<LOD	<LOD	168.21
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	330.4	330.5	764598.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	302	<LOD	<LOD	<LOD	<LOD	107	225001.2	<LOD	<LOD	<LOD	<LOD	717	<LOD	23	<LOD	<LOD	<LOD	<LOD	5.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6814.84	<LOD	922.61	<LOD	78	262.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	331	331.1	903681.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74027.26	<LOD	<LOD	<LOD	<LOD	412	17	15	<LOD	<LOD	<LOD	<LOD	3.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1533.7	<LOD	<LOD	<LOD	28	80.52
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	332	332.1	907794.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71927.8	<LOD	<LOD	<LOD	<LOD	587	<LOD	16	<LOD	<LOD	<LOD	<LOD	3.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	4621.79	<LOD	<LOD	<LOD	40	149.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	334	334.1	926881	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	57764.39	<LOD	<LOD	<LOD	<LOD	196	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1367.15	<LOD	<LOD	<LOD	34	69.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	335	335.1	940123.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40026.67	<LOD	<LOD	<LOD	<LOD	242	12	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3895.03	<LOD	<LOD	<LOD	23	118.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	337	337.1	859718.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	132302.5	<LOD	<LOD	<LOD	<LOD	738	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	6165.35	<LOD	<LOD	<LOD	<LOD	170.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	339	339.1	885873.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100109.52	<LOD	<LOD	<LOD	<LOD	468	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	4998.28	<LOD	<LOD	<LOD	61	160.61
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	340	340.05	948359.94	<LOD		<LOD	<LOD		<LOD	1417.19	<LOD		<LOD	213.07		<LOD	47073.91	<LOD	<LOD	<LOD		<LOD	<LOD	9.18	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2424.03	<LOD	203.43	<LOD	<LOD	79.01
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	341	341.1	859392.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131032.95	<LOD	<LOD	<LOD	<LOD	456	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7345.31	<LOD	<LOD	<LOD	1074	155.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	343	343.1	915713.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64829.82	<LOD	<LOD	<LOD	<LOD	441	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5221.39	<LOD	<LOD	<LOD	<LOD	180.37
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	345	345.1	885752.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106080.97	<LOD	<LOD	<LOD	<LOD	564	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6865.15	<LOD	<LOD	<LOD	47	214.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	347	347.1	886715.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103975.59	<LOD	<LOD	<LOD	<LOD	898	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7128.64	<LOD	<LOD	<LOD	361	227.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	348.8	348.9	593814.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	504	399438.56	<LOD	<LOD	<LOD	<LOD	4442	<LOD	16	385	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.17
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	349	349.1	874942.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116860.06	<LOD	<LOD	<LOD	<LOD	1524	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5990.66	<LOD	<LOD	<LOD	67	224.75
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	349.5	349.55	777828.88	<LOD		<LOD	<LOD		<LOD	4385.6	<LOD		<LOD	<LOD		<LOD	165005.61	<LOD	<LOD	<LOD		1199.56	<LOD	15.88	<LOD		<LOD	<LOD	<LOD	<LOD	42663.86	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	8244.12	<LOD	409	<LOD	116.5	120.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	351	351.1	897991.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83025.23	<LOD	<LOD	<LOD	<LOD	598	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7287.23	<LOD	<LOD	<LOD	609	219.48
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	353	353.1	825331.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	165106.67	<LOD	<LOD	<LOD	<LOD	1307	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7179.52	<LOD	<LOD	<LOD	157	95.79
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	353	353.05	809046	<LOD		<LOD	<LOD		<LOD	8419.18	<LOD		<LOD	<LOD		<LOD	171316.8	<LOD	<LOD	<LOD		1343.56	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	46.96	<LOD		<LOD	7714.66	<LOD	826.6	<LOD	254.15	119.68
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	355	355.1	836151.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149323.06	<LOD	<LOD	<LOD	<LOD	1940	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10359.48	<LOD	<LOD	<LOD	1193	122.78
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	357	357.1	797374.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	188003.09	<LOD	<LOD	<LOD	<LOD	2668	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	10205.76	<LOD	571.34	<LOD	306	120.41
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	359	359.1	805361	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	183535.09	<LOD	<LOD	<LOD	<LOD	1023	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	8059.75	<LOD	892.63	<LOD	89	113.09
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	360	360.1	834677.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149377.11	<LOD	<LOD	<LOD	<LOD	1126	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	11588.84	<LOD	<LOD	<LOD	2127	118.18
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	360.2	360.3	807386.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181008.98	<LOD	<LOD	<LOD	<LOD	1807	<LOD	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8081.27	<LOD	<LOD	<LOD	108	111.87
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	360.4	360.5	876111.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111069.12	<LOD	<LOD	<LOD	<LOD	1009	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	3319.57	<LOD	<LOD	<LOD	44	384.06
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	361	361.1	915334.5	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66753.98	<LOD	<LOD	<LOD	<LOD	474	<LOD	15	<LOD	<LOD	<LOD	<LOD	8.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	18	2309.83	<LOD	<LOD	<LOD	97	274.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	361.2	361.3	928988.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54582.68	<LOD	<LOD	<LOD	<LOD	295	<LOD	20	<LOD	<LOD	<LOD	<LOD	7.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	2161.33	<LOD	<LOD	<LOD	32	275.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	361.3	361.4	914632.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68766.66	<LOD	<LOD	<LOD	<LOD	342	<LOD	17	<LOD	<LOD	<LOD	<LOD	3.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	2319	<LOD	<LOD	<LOD	<LOD	288.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	361.7	361.8	881106.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115587.37	<LOD	<LOD	<LOD	<LOD	559	<LOD	14	<LOD	<LOD	<LOD	<LOD	2.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2220.2	<LOD	<LOD	<LOD	<LOD	282.17
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	362	362.1	889661.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99775.69	<LOD	<LOD	<LOD	<LOD	361	<LOD	23	<LOD	<LOD	<LOD	<LOD	7.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110	<LOD	<LOD	<LOD	8971.81	<LOD	<LOD	<LOD	89	131.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	362.2	362.3	927812.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55010.45	<LOD	<LOD	<LOD	<LOD	364	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	2906.01	<LOD	<LOD	<LOD	<LOD	278.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	363	363.1	818927.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	175491.33	<LOD	<LOD	<LOD	<LOD	620	<LOD	21	<LOD	<LOD	<LOD	<LOD	14.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3334.64	<LOD	<LOD	<LOD	172	315.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	364	364.1	930369.44	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49372.88	<LOD	<LOD	<LOD	<LOD	329	<LOD	24	<LOD	<LOD	<LOD	<LOD	10.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3079.85	<LOD	<LOD	<LOD	<LOD	415.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	365	365.1	874831.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119829.29	<LOD	<LOD	<LOD	<LOD	591	<LOD	20	<LOD	<LOD	<LOD	<LOD	2.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3599.73	<LOD	<LOD	<LOD	228	344.29
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	365	365.05	899126.75	<LOD		<LOD	<LOD		<LOD	11735.85	<LOD		<LOD	153.03		<LOD	57939.55	<LOD	<LOD	26676.64		219.81	<LOD	16.13	<LOD		<LOD	<LOD	12.19	<LOD	<LOD	<LOD		<LOD		<LOD	106.23	<LOD		<LOD	3509.57	<LOD	252.28	<LOD	<LOD	227.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	365.5	365.6	942397.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40189.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	22	<LOD	16.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102	<LOD	<LOD	<LOD	2913.47	<LOD	<LOD	<LOD	<LOD	309.45
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	366	366.1	936707.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42384.72	<LOD	<LOD	<LOD	<LOD	230	<LOD	23	<LOD	<LOD	<LOD	<LOD	14.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	3509.96	<LOD	<LOD	<LOD	614	356.11
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	367	367.1	934565.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46083.16	<LOD	<LOD	<LOD	<LOD	446	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	2262.26	<LOD	<LOD	<LOD	68	390.5
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	367.25	367.35	819906.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	168813.16	<LOD	<LOD	<LOD	<LOD	2056	<LOD	14	<LOD	<LOD	<LOD	<LOD	9.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7820.61	<LOD	<LOD	<LOD	181	149.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	367.5	367.6	841710.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146719.83	<LOD	<LOD	<LOD	<LOD	2281	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7602.2	<LOD	1039.24	<LOD	130	97.8
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	367.75	367.85	859864.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128924.69	<LOD	<LOD	<LOD	<LOD	1744	<LOD	12	<LOD	<LOD	<LOD	<LOD	26.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	143	<LOD	<LOD	<LOD	7766.94	<LOD	758.85	<LOD	138	114.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	368	368.1	834278.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	155217.19	<LOD	<LOD	<LOD	<LOD	2656	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119	<LOD	<LOD	<LOD	6497.9	<LOD	695.94	<LOD	144	104.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	369	369.1	865220.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128921.56	<LOD	<LOD	<LOD	<LOD	1236	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3148.8	<LOD	<LOD	<LOD	845	89.38
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	371	371.1	854815.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131048.77	<LOD	<LOD	<LOD	<LOD	2682	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	279	<LOD	<LOD	<LOD	9758.62	<LOD	<LOD	<LOD	204	102.2
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	372	372.1	837152.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149619.03	<LOD	<LOD	<LOD	<LOD	2295	<LOD	10	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82	<LOD	<LOD	<LOD	9401.11	<LOD	<LOD	<LOD	484	106.3
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	372.5	372.6	857692.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	133871.41	<LOD	<LOD	<LOD	<LOD	1151	<LOD	18	<LOD	<LOD	<LOD	<LOD	6.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	6172.18	<LOD	<LOD	<LOD	230	120.47
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	372.6	372.7	867534.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125191.98	<LOD	<LOD	<LOD	<LOD	1052	<LOD	31	<LOD	<LOD	<LOD	<LOD	4.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	241	<LOD	<LOD	<LOD	4173.4	<LOD	<LOD	<LOD	227	494.7
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	372.7	372.8	880760.5	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114834.63	<LOD	<LOD	<LOD	<LOD	1777	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	1717.02	<LOD	<LOD	<LOD	107	297.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	373	373.1	899916.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97177.52	<LOD	<LOD	<LOD	<LOD	507	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1756.38	<LOD	<LOD	<LOD	67	234.72
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	374	374.1	918141.63	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64045.58	<LOD	<LOD	<LOD	<LOD	418	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	18	3032.85	<LOD	<LOD	<LOD	89	419.73
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	375	375.1	911620.5	<LOD	<LOD	11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	391	<LOD	<LOD	<LOD	70286.37	<LOD	<LOD	<LOD	<LOD	417	13	17	<LOD	<LOD	<LOD	<LOD	3.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2434.07	<LOD	<LOD	<LOD	484	250.84
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	376	376.1	887141.94	<LOD	<LOD	14	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106555.31	<LOD	<LOD	<LOD	<LOD	425	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	<LOD	<LOD	<LOD	4836.5	<LOD	<LOD	<LOD	49	532.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	377	377.1	923850.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56764.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	1904.55	<LOD	<LOD	<LOD	369	331.84
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	378	378.1	902101.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95305.01	<LOD	<LOD	<LOD	<LOD	295	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1824.74	<LOD	<LOD	<LOD	34	254.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	379	379.1	872153	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123606.5	<LOD	<LOD	<LOD	<LOD	393	42	70	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2364.15	<LOD	<LOD	<LOD	775	273.95
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	380	380.1	885343.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111254.01	<LOD	<LOD	<LOD	<LOD	334	66	88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	2382.38	<LOD	<LOD	<LOD	<LOD	257.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	381	381.1	890017.75	1256	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	958	<LOD	<LOD	<LOD	506	<LOD	103647.19	<LOD	<LOD	<LOD	<LOD	494	57	88	<LOD	<LOD	<LOD	957	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	1037	<LOD	1902.75	<LOD	<LOD	<LOD	100	344.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	382	382.1	396146.16	<LOD	<LOD	493	<LOD	<LOD	1425	<LOD	<LOD	<LOD	<LOD	1735.76	<LOD	5694	504023.97	<LOD	<LOD	<LOD	<LOD	4928	145	219	3077	<LOD	725	<LOD	267.5	<LOD	<LOD	415	<LOD	2162	<LOD	<LOD	1600	<LOD	<LOD	<LOD	15730.42	<LOD	2780.96	50450	7580	395.73
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	383	383.1	895235.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100152.03	<LOD	<LOD	<LOD	<LOD	<LOD	283	417	<LOD	<LOD	<LOD	<LOD	11.71	<LOD	<LOD	257	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2507.99	<LOD	<LOD	<LOD	<LOD	209.73
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	384	384.1	931520.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64639.47	<LOD	<LOD	<LOD	<LOD	<LOD	272	451	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	225	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	1612.68	<LOD	<LOD	<LOD	712	241.3
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	386	386.1	874592.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121834.91	<LOD	<LOD	<LOD	<LOD	<LOD	296	398	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	272	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1805.96	<LOD	<LOD	<LOD	<LOD	232.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	387	387.1	920115.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76350	<LOD	<LOD	<LOD	<LOD	<LOD	265	387	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	297	<LOD	<LOD	<LOD	<LOD	70	<LOD	<LOD	<LOD	1614.73	<LOD	<LOD	<LOD	104	191.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	388	388.1	924742.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70822.32	<LOD	<LOD	<LOD	<LOD	<LOD	246	415	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	291	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2476.21	<LOD	<LOD	<LOD	613	225.58
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	389	389.1	865961.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124785.66	<LOD	<LOD	<LOD	<LOD	<LOD	320	465	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	390	<LOD	<LOD	<LOD	<LOD	107	<LOD	<LOD	<LOD	6043.24	<LOD	<LOD	<LOD	297	146.19
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	390	390.1	823491.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166225.11	<LOD	<LOD	<LOD	<LOD	1089	335	433	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	257	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	6991.95	<LOD	<LOD	<LOD	663	153.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	392	392.1	868884.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119581.97	<LOD	<LOD	<LOD	<LOD	820	278	348	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	393	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8908.38	<LOD	<LOD	<LOD	269	121.62
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	393	393.1	933021.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60875.62	<LOD	<LOD	<LOD	<LOD	<LOD	256	426	<LOD	<LOD	<LOD	<LOD	10.62	<LOD	<LOD	234	<LOD	<LOD	<LOD	<LOD	213	<LOD	<LOD	<LOD	3323.73	<LOD	<LOD	<LOD	894	232.93
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	394	394.1	859392.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131010.58	<LOD	<LOD	<LOD	<LOD	677	355	475	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	436	<LOD	<LOD	<LOD	<LOD	89	<LOD	<LOD	<LOD	6696.47	<LOD	<LOD	<LOD	176	138.68
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	395	395.1	813840.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	173347.09	<LOD	<LOD	<LOD	<LOD	3036	343	423	<LOD	<LOD	51	<LOD	<LOD	<LOD	<LOD	337	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6921.06	<LOD	<LOD	<LOD	1171	125.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	395.5	395.6	863821.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125057.91	<LOD	<LOD	<LOD	<LOD	964	303	404	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	328	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7412.22	<LOD	1254.69	<LOD	269	119.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	395.8	395.9	880310.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110194.49	<LOD	<LOD	<LOD	<LOD	837	264	339	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	221	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	6688.95	<LOD	<LOD	<LOD	91	112.2

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	396	396.1	965006.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32732.46	<LOD	<LOD	<LOD	<LOD	<LOD	271	400	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	304	<LOD	<LOD	<LOD	<LOD	79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124.03
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	397	397.1	799693	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	192420.67	<LOD	<LOD	<LOD	<LOD	948	373	491	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	284	<LOD	<LOD	<LOD	<LOD	105	<LOD	<LOD	<LOD	4568.85	<LOD	<LOD	<LOD	377	405.31
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	398	398.1	925481.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70005.07	<LOD	<LOD	<LOD	<LOD	690	253	423	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	300	<LOD	<LOD	<LOD	<LOD	114	<LOD	<LOD	<LOD	2271.03	<LOD	<LOD	<LOD	207	194.58
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	398.5	398.6	859824.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128152.27	<LOD	<LOD	<LOD	<LOD	1048	348	489	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	419	<LOD	<LOD	<LOD	<LOD	388	<LOD	<LOD	<LOD	8112.02	<LOD	<LOD	<LOD	390	132.78
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	398.75	398.85	765996.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	228975.16	<LOD	<LOD	<LOD	<LOD	<LOD	379	475	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	269	<LOD	<LOD	<LOD	<LOD	95	<LOD	<LOD	<LOD	3055.52	<LOD	<LOD	<LOD	302	145.94
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	399	399.1	810655.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	177920.03	<LOD	<LOD	<LOD	<LOD	3002	378	581	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	445	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	4555.12	<LOD	<LOD	<LOD	1657	195.87
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	399.5	399.6	897234.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96041.83	<LOD	<LOD	<LOD	<LOD	604	263	422	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	330	<LOD	<LOD	<LOD	<LOD	360	<LOD	<LOD	<LOD	4213.81	<LOD	<LOD	<LOD	137	187.5
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	400	400.1	872230.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	116994.47	<LOD	<LOD	<LOD	<LOD	1786	291	347	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	310	<LOD	<LOD	<LOD	<LOD	430	<LOD	<LOD	<LOD	6710.32	<LOD	<LOD	<LOD	88	129.99
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	402	402.1	895427.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91921.52	<LOD	<LOD	<LOD	<LOD	1479	316	462	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218	<LOD	<LOD	<LOD	<LOD	727	<LOD	<LOD	<LOD	8795.84	<LOD	<LOD	<LOD	259	116.69
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	404	404.1	875336.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110454.03	<LOD	<LOD	<LOD	<LOD	1936	310	428	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	380	<LOD	<LOD	<LOD	<LOD	646	<LOD	<LOD	<LOD	9214.52	<LOD	<LOD	<LOD	163	122.3
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	406	406.1	883555.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101352.95	<LOD	<LOD	<LOD	<LOD	2332	304	432	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	324	<LOD	<LOD	<LOD	<LOD	544	<LOD	<LOD	<LOD	10797.27	<LOD	<LOD	<LOD	196	117.07
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	406	406.05	790228.5	<LOD		<LOD	<LOD		<LOD	82109.84	<LOD		<LOD	154.81		<LOD	113227.81	<LOD	<LOD	<LOD		2869.02	<LOD	11.49	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	923.69	<LOD		<LOD	9718.04	<LOD	519.44	<LOD	140.08	88.5
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	408	408.1	867923.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118275.12	<LOD	<LOD	<LOD	<LOD	2343	317	474	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	341	<LOD	<LOD	<LOD	<LOD	464	<LOD	<LOD	<LOD	9114.8	<LOD	<LOD	<LOD	188	146.87
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	409	409.1	871535.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114350.4	<LOD	<LOD	<LOD	<LOD	1645	320	474	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	8724.78	<LOD	<LOD	<LOD	651	151.67
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	409.75	409.85	814991.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1608	178032.5	<LOD	<LOD	<LOD	<LOD	829	<LOD	13	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	114	54	<LOD	<LOD	<LOD	2832.55	<LOD	<LOD	<LOD	701	94.15
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	410	410.1	915475.25	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65459.88	<LOD	<LOD	<LOD	<LOD	255	<LOD	16	<LOD	<LOD	34	<LOD	7.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75	<LOD	<LOD	15	3797.86	<LOD	<LOD	<LOD	77	191.6
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	410	410.05	706805.19	<LOD		<LOD	<LOD		<LOD	16737.08	<LOD		<LOD	<LOD		342.89	160457.2	<LOD	<LOD	13908.53		402.52	<LOD	23.26	<LOD		<LOD	<LOD	9.34	<LOD	95646.35	<LOD		<LOD		<LOD	58.92	<LOD		<LOD	4655.68	<LOD	<LOD	<LOD	214.87	152.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	411	411.1	898409.44	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93695.13	<LOD	<LOD	<LOD	<LOD	2070	<LOD	19	<LOD	<LOD	<LOD	<LOD	17.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	205	<LOD	<LOD	<LOD	4454.11	<LOD	<LOD	<LOD	188	371.27
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	411.5	411.55	750484.75	<LOD		<LOD	<LOD		<LOD	125162.31	<LOD		<LOD	<LOD		<LOD	119140.08	<LOD	<LOD	<LOD		3091.96	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1410.07	<LOD	178.05	<LOD	245.82	26.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	412	412.1	894066.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96048.61	<LOD	<LOD	<LOD	<LOD	2081	<LOD	30	<LOD	<LOD	<LOD	<LOD	30.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	850	<LOD	<LOD	<LOD	5943.78	<LOD	<LOD	<LOD	226	198.64
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	413	413.1	857964.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129900.93	<LOD	<LOD	<LOD	<LOD	1627	<LOD	12	<LOD	<LOD	<LOD	<LOD	27.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	235	<LOD	<LOD	<LOD	8519.99	<LOD	674.29	<LOD	384	123.35
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	414	414.1	885957.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102505.91	<LOD	<LOD	<LOD	<LOD	2013	<LOD	20	<LOD	<LOD	19	<LOD	7.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	668	<LOD	<LOD	<LOD	7070.75	<LOD	594.55	<LOD	109	139.81
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	415	415.1	851509.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136400.17	<LOD	<LOD	<LOD	<LOD	1578	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	521	<LOD	<LOD	<LOD	8468.5	<LOD	<LOD	<LOD	229	104.96
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	415	415.05	786417.56	<LOD		<LOD	<LOD		<LOD	44777.53	<LOD		<LOD	<LOD		<LOD	134891.83	<LOD	<LOD	20102.31		1438.67	<LOD	13.3	<LOD		<LOD	<LOD	9.88	<LOD	<LOD	<LOD		<LOD		<LOD	579.99	<LOD		<LOD	10153.67	<LOD	724.21	<LOD	197.65	101.95
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	416	416.1	859463.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129858.75	<LOD	<LOD	<LOD	<LOD	1434	<LOD	13	<LOD	<LOD	<LOD	<LOD	2.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	137	<LOD	<LOD	<LOD	7541	<LOD	<LOD	<LOD	186	107.42
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	417	417.1	938709.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57272.75	<LOD	<LOD	<LOD	<LOD	1260	<LOD	<LOD	55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	451	<LOD	<LOD	<LOD	328	76	<LOD	<LOD	21	1784.89	46	<LOD	<LOD	24	57.08
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	419	419.1	929126.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65132.73	<LOD	<LOD	<LOD	<LOD	766	<LOD	<LOD	80	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	412	<LOD	<LOD	<LOD	318	61	<LOD	<LOD	25	4059.75	39	<LOD	<LOD	37	30.72
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	421	421.1	915324.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77651.91	<LOD	<LOD	<LOD	<LOD	1038	<LOD	<LOD	54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	454	<LOD	<LOD	<LOD	321	46	<LOD	<LOD	46	4447.53	37	<LOD	<LOD	628	33.63
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	423	423.1	926245.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	65461.43	<LOD	<LOD	<LOD	<LOD	897	<LOD	<LOD	64	<LOD	<LOD	<LOD	2.01	<LOD	<LOD	449	<LOD	<LOD	<LOD	314	322	<LOD	<LOD	24	5726.27	35	<LOD	<LOD	265	42.77
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	425	425.1	895017.06	<LOD	<LOD	3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94566.18	<LOD	<LOD	<LOD	<LOD	328	<LOD	<LOD	118	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	458	<LOD	<LOD	<LOD	323	91	<LOD	<LOD	16	8842.38	48	<LOD	<LOD	<LOD	30.52
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	427	427.1	897968.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95753.99	<LOD	<LOD	<LOD	<LOD	756	<LOD	<LOD	79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	462	<LOD	<LOD	<LOD	314	<LOD	<LOD	<LOD	24	4222.1	34	<LOD	<LOD	350	26.88
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	429	429.1	631593.13	<LOD	<LOD	<LOD	<LOD	<LOD	468	<LOD	<LOD	<LOD	<LOD	1038.74	<LOD	119	330484.88	<LOD	<LOD	<LOD	<LOD	4893	114	147	276	<LOD	343	<LOD	112.93	<LOD	<LOD	541	<LOD	452	<LOD	292	1236	<LOD	<LOD	<LOD	21376.6	<LOD	2178.24	3319	324	179.79
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	430	430.1	768057.19	<LOD	<LOD	<LOD	1.407	<LOD	479	<LOD	<LOD	<LOD	724	848.3	<LOD	189	560582.44	<LOD	<LOD	<LOD	<LOD	5247	107	157	109	<LOD	389	<LOD	109.85	<LOD	<LOD	472	<LOD	445	<LOD	422	356	<LOD	<LOD	819	17387.23	788	1311.55	646	453	182.55
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	431	431.1	734745.44	<LOD	<LOD	<LOD	1.36	<LOD	583	<LOD	<LOD	<LOD	1080	1058.96	<LOD	779	621394	<LOD	85	<LOD	<LOD	4299	127	177	<LOD	<LOD	423	<LOD	138.13	<LOD	<LOD	591	<LOD	506	<LOD	414	373	<LOD	<LOD	901	23179.98	895	2092.65	923	86	230.09
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	432	432.1	765989.81	<LOD	<LOD	<LOD	1.519	<LOD	518	<LOD	<LOD	<LOD	1063	1163.97	<LOD	134	548896.63	<LOD	<LOD	<LOD	<LOD	11939	106	150	151	<LOD	391	<LOD	117.61	<LOD	<LOD	456	<LOD	452	<LOD	394	597	<LOD	<LOD	894	18061.67	862	2211.31	846	131	191.24
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	434	434.1	761184.56	<LOD	<LOD	<LOD	1.464	<LOD	555	<LOD	<LOD	<LOD	738	1040.11	<LOD	129	527768.31	<LOD	<LOD	<LOD	<LOD	6993	118	164	173	<LOD	462	<LOD	117.53	<LOD	<LOD	498	<LOD	465	<LOD	405	678	<LOD	<LOD	938	25807.05	862	2401.84	714	467	221.73
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	436	436.1	756809.63	<LOD	<LOD	<LOD	1.509	<LOD	575	<LOD	<LOD	<LOD	968	1348.45	<LOD	331	522429.31	<LOD	90	<LOD	<LOD	5214	125	163	104	<LOD	445	<LOD	133.23	<LOD	<LOD	470	<LOD	463	<LOD	383	531	<LOD	<LOD	964	31627.3	915	2785.28	708	174	231.19
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	437	437.1	718708.81	<LOD	<LOD	<LOD	1.601	<LOD	507	<LOD	<LOD	<LOD	709	1063.91	<LOD	350	752470.75	<LOD	<LOD	<LOD	<LOD	5864	103	161	178	<LOD	357	<LOD	128.9	<LOD	<LOD	446	<LOD	485	<LOD	328	385	<LOD	<LOD	867	25063.67	877	2215.37	1106	463	204.7
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	437.25	437.35	837752.25	<LOD	<LOD	<LOD	1.316	<LOD	532	<LOD	<LOD	<LOD	924	1375.19	<LOD	181	304055.56	<LOD	84	<LOD	<LOD	4154	112	149	<LOD	<LOD	429	<LOD	104.72	<LOD	<LOD	431	<LOD	446	<LOD	374	374	<LOD	<LOD	882	12648.42	753	1577.16	421	118	194.35
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	437.5	437.6	847913.06	<LOD	<LOD	<LOD	1.375	<LOD	496	<LOD	<LOD	<LOD	876	1161.29	<LOD	76	319343.06	<LOD	64	<LOD	<LOD	2148	116	154	72	<LOD	382	<LOD	110.4	<LOD	<LOD	473	<LOD	421	<LOD	374	364	<LOD	<LOD	869	7497.28	815	540.63	579	77	296.59
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	438	438.1	851413.13	<LOD	<LOD	<LOD	1.278	<LOD	523	<LOD	<LOD	<LOD	1004	1054.62	<LOD	78	302172.22	<LOD	<LOD	<LOD	<LOD	2170	111	158	<LOD	<LOD	396	<LOD	116.04	<LOD	<LOD	486	<LOD	415	<LOD	447	349	<LOD	<LOD	915	7038.03	846	985.93	748	89	341.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	439	439.1	864529.06	<LOD	<LOD	<LOD	1.349	<LOD	523	<LOD	<LOD	<LOD	905	957.44	<LOD	77	258515.41	<LOD	<LOD	<LOD	<LOD	2620	109	160	<LOD	<LOD	389	<LOD	105.04	<LOD	<LOD	490	<LOD	419	<LOD	384	357	<LOD	<LOD	876	6606.82	800	876.58	617	<LOD	332.74
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	440	440.1	842083.81	<LOD	<LOD	<LOD	1.327	<LOD	535	<LOD	<LOD	<LOD	702	1166.54	<LOD	86	321231.25	<LOD	<LOD	<LOD	<LOD	2685	106	158	<LOD	<LOD	386	<LOD	114.69	<LOD	<LOD	515	<LOD	422	<LOD	374	349	<LOD	<LOD	897	8470.3	807	1004.1	703	600	381.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	441	441.1	884781.81	<LOD	<LOD	<LOD	1.335	<LOD	526	<LOD	<LOD	<LOD	1171	1333.51	<LOD	90	183832.66	<LOD	<LOD	<LOD	<LOD	2297	104	170	<LOD	<LOD	404	<LOD	118.87	<LOD	<LOD	490	<LOD	426	<LOD	423	360	<LOD	<LOD	895	9733.6	852	997.02	676	<LOD	315.38
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	442	442.1	873695.13	<LOD	<LOD	<LOD	1.358	<LOD	497	<LOD	<LOD	<LOD	975	1215.76	<LOD	83	228312.83	<LOD	<LOD	<LOD	<LOD	2086	105	151	<LOD	<LOD	335	<LOD	109.75	<LOD	<LOD	484	<LOD	428	<LOD	368	351	<LOD	<LOD	854	7664.47	758	1088.88	586	<LOD	320.25
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	443	443.1	852989.13	<LOD	<LOD	<LOD	1.274	<LOD	480	<LOD	<LOD	<LOD	845	914.96	<LOD	95	291102.34	<LOD	61	<LOD	<LOD	2224	103	158	<LOD	<LOD	357	<LOD	108.52	<LOD	<LOD	486	<LOD	424	<LOD	379	365	<LOD	<LOD	842	8465.23	751	951.73	589	501	348.12
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	444	444.1	853309.63	<LOD	<LOD	<LOD	1.259	<LOD	497	<LOD	<LOD	<LOD	876	1215.3	<LOD	104	294165.38	<LOD	<LOD	<LOD	<LOD	2258	103	158	<LOD	<LOD	371	<LOD	109.1	<LOD	<LOD	502	<LOD	426	<LOD	383	348	<LOD	<LOD	869	6891.4	775	943.47	684	<LOD	327.1
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	445	445.1	845052.94	<LOD	<LOD	<LOD	1.317	<LOD	473	<LOD	<LOD	<LOD	932	989.37	<LOD	93	323653.28	<LOD	<LOD	<LOD	<LOD	2012	99	153	<LOD	<LOD	392	<LOD	102.53	<LOD	<LOD	511	<LOD	408	<LOD	381	356	<LOD	<LOD	805	7223.42	777	806.39	593	<LOD	323.3
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	446	446.1	823752.31	<LOD	<LOD	<LOD	1.357	<LOD	475	<LOD	<LOD	<LOD	629	1087.72	<LOD	77	401678.41	<LOD	<LOD	<LOD	<LOD	2492	97	159	<LOD	<LOD	405	<LOD	114.62	<LOD	<LOD	452	<LOD	400	<LOD	342	373	<LOD	<LOD	857	9768.76	864	842.01	747	1337	340.11
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	447	447.1	812394.63	<LOD	<LOD	<LOD	1.323	<LOD	494	<LOD	<LOD	<LOD	984	1352.07	<LOD	153	411779.91	<LOD	<LOD	<LOD	<LOD	2193	111	168	<LOD	<LOD	416	<LOD	107.94	<LOD	<LOD	466	<LOD	434	<LOD	415	356	<LOD	<LOD	863	14446.41	815	724.71	944	1998	490.91
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	448	448.1	883352.69	<LOD	<LOD	<LOD	1.202	<LOD	510	<LOD	<LOD	<LOD	978	1309.62	<LOD	148	198059.31	<LOD	<LOD	<LOD	<LOD	2198	102	153	<LOD	<LOD	389	<LOD	103.57	<LOD	<LOD	486	<LOD	411	<LOD	412	340	<LOD	<LOD	863	7292.96	784	910.22	664	<LOD	351.54
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	449	449.1	857602.06	<LOD	<LOD	<LOD	1.297	<LOD	571	<LOD	<LOD	<LOD	777	1290.75	<LOD	1935	257631.81	<LOD	<LOD	<LOD	<LOD	2009	118	177	<LOD	<LOD	420	<LOD	113.17	<LOD	<LOD	473	<LOD	470	<LOD	375	359	<LOD	<LOD	926	8690.9	781	682.04	673	<LOD	320.48
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	450	450.1	869154.75	<LOD	<LOD	<LOD	1.331	<LOD	542	<LOD	<LOD	<LOD	973	1138.79	<LOD	85	236660.34	<LOD	53	<LOD	<LOD	2157	114	170	<LOD	<LOD	423	<LOD	119.44	<LOD	<LOD	466	<LOD	439	<LOD	384	364	<LOD	<LOD	920	7109.52	864	813.38	546	<LOD	391.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	451	451.1	845453.06	<LOD	<LOD	<LOD	1.275	<LOD	510	<LOD	<LOD	<LOD	665	1186.38	<LOD	76	316709.16	<LOD	78	<LOD	<LOD	1993	110	156	<LOD	<LOD	401	<LOD	119.02	<LOD	<LOD	489	<LOD	418	<LOD	389	339	<LOD	<LOD	867	6855.55	803	956.44	683	<LOD	317.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	452	452.1	770070.75	<LOD	<LOD	<LOD	1.306	<LOD	456	<LOD	<LOD	<LOD	687	528.27	<LOD	135	664979	<LOD	76	<LOD	<LOD	3279	92	145	<LOD	<LOD	346	<LOD	103.26	<LOD	<LOD	443	<LOD	381	<LOD	354	365	<LOD	<LOD	823	4638.37	717	925.58	724	566	257.65
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	453	453.1	870615.31	<LOD	<LOD	<LOD	1.286	<LOD	495	<LOD	<LOD	<LOD	821	1176.34	<LOD	169	233251.86	<LOD	53	<LOD	<LOD	2343	101	149	<LOD	<LOD	414	<LOD	108.09	<LOD	<LOD	510	<LOD	424	<LOD	373	347	<LOD	<LOD	834	7579.99	792	846.92	708	<LOD	216.13
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	454	454.1	843828.75	<LOD	<LOD	<LOD	1.297	<LOD	478	<LOD	<LOD	<LOD	<LOD	1201.19	<LOD	82	327170.56	<LOD	61	<LOD	<LOD	2260	99	150	96	<LOD	403	<LOD	112.31	<LOD	<LOD	447	<LOD	398	<LOD	336	376	<LOD	<LOD	885	12845.45	837	972.78	746	841	294.5
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	455	455.1	873257.69	<LOD	<LOD	<LOD	1.246	<LOD	546	<LOD	<LOD	<LOD	1212	1201.85	<LOD	<LOD	182942.41	<LOD	76	<LOD	<LOD	2273	127	177	<LOD	<LOD	437	<LOD	119.25	<LOD	<LOD	503	<LOD	452	<LOD	457	353	<LOD	<LOD	890	18988.87	814	873.55	543	1225	347.11
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	456	456.1	880870	<LOD	<LOD	<LOD	1.275	<LOD	449	<LOD	<LOD	<LOD	918	1142.94	<LOD	66	202054.75	<LOD	<LOD	<LOD	<LOD	2175	104	142	<LOD	<LOD	355	<LOD	103.41	<LOD	<LOD	495	<LOD	404	<LOD	419	333	<LOD	<LOD	780	9740.15	788	1067.53	720	<LOD	195.28
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	458	458.1	933679.25	<LOD	<LOD	<LOD	1.177	<LOD	484	<LOD	<LOD	<LOD	1169	1213.68	<LOD	49	68276.22	<LOD	44	<LOD	<LOD	2234	105	141	<LOD	<LOD	391	<LOD	102.83	<LOD	<LOD	498	<LOD	401	<LOD	440	335	<LOD	<LOD	802	10560.36	683	1364.65	547	<LOD	204.2
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	460	460.1	803055.5	<LOD	<LOD	<LOD	1.174	<LOD	499	<LOD	<LOD	<LOD	1364	1736.87	<LOD	94	436094.44	<LOD	<LOD	<LOD	<LOD	2668	106	159	<LOD	<LOD	389	<LOD	115.35	<LOD	<LOD	466	<LOD	401	<LOD	360	354	<LOD	<LOD	881	16095.09	857	882.95	664	1159	254.43
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	462	462.1	739160.56	<LOD	<LOD	<LOD	1.395	<LOD	484	<LOD	<LOD	<LOD	<LOD	2035.9	<LOD	102	644062.38	<LOD	<LOD	<LOD	<LOD	2221	103	143	302	<LOD	354	<LOD	104.31	<LOD	<LOD	481	<LOD	423	<LOD	328	364	<LOD	<LOD	871	33462.89	804	929.32	506	3360	193.04
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	464	464.1	784515.63	<LOD	<LOD	<LOD	1.366	<LOD	528	<LOD	<LOD	<LOD	1205	1038.03	<LOD	90	490707.78	<LOD	<LOD	<LOD	<LOD	3505	102	158	<LOD	<LOD	376	<LOD	115.03	<LOD	<LOD	468	<LOD	429	<LOD	337	376	<LOD	<LOD	905	20727.25	794	1340.12	843	245	294.97
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	466	466.1	913632.38	<LOD	<LOD	<LOD	1.186	<LOD	483	<LOD	<LOD	<LOD	975	1362.94	<LOD	83	118867.98	<LOD	60	<LOD	<LOD	2226	103	148	<LOD	<LOD	401	<LOD	112.47	<LOD	<LOD	493	<LOD	399	<LOD	431	348	<LOD	<LOD	816	7783.79	791	1137.76	594	<LOD	234.82
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	468	468.1	808334.44	<LOD	<LOD	<LOD	1.297	<LOD	482	<LOD	<LOD	<LOD	890	1831.28	<LOD	162	389790.34	<LOD	<LOD	<LOD	<LOD	2754	94	143	213	<LOD	349	<LOD	106.35	<LOD	<LOD	469	<LOD	417	<LOD	327	363	<LOD	<LOD	885	25812.13	781	902.51	633	2734	223.49
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	470	470.1	862583.19	<LOD	<LOD	<LOD	1.335	<LOD	509	<LOD	<LOD	<LOD	1012	1218.24	<LOD	100	220572.86	<LOD	<LOD	<LOD	<LOD	2419	105	150	<LOD	<LOD	399	<LOD	112.31	<LOD	<LOD	484	<LOD	424	<LOD	352	366	<LOD	<LOD	891	21244.72	766	1327.48	658	471	295.68
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	472	472.1	847726.06	<LOD	<LOD	<LOD	1.256	<LOD	512	<LOD	<LOD	<LOD	1021	1227.56	<LOD	138	262245.69	<LOD	<LOD	<LOD	<LOD	3799	105	154	<LOD	<LOD	394	<LOD	112.23	<LOD	<LOD	496	<LOD	421	<LOD	391	380	<LOD	<LOD	879	18993.53	823	1206.65	766	175	253.37
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	473	473.1	933379.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48654.49	<LOD	<LOD	<LOD	<LOD	212	<LOD	18	<LOD	<LOD	<LOD	<LOD	7.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	4614.88	<LOD	<LOD	<LOD	106	187.35
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	474	474.1	917229.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65729.5	<LOD	<LOD	<LOD	<LOD	444	<LOD	16	<LOD	<LOD	<LOD	<LOD	3.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	4159.36	<LOD	<LOD	<LOD	194	174.79
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	475	475.1	924426.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128	57226.17	<LOD	<LOD	<LOD	<LOD	521	<LOD	23	<LOD	<LOD	<LOD	<LOD	7.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	5388.29	<LOD	<LOD	<LOD	144	254.36
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	476	476.1	959061.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24280.49	<LOD	<LOD	<LOD	<LOD	299	<LOD	14	<LOD	<LOD	<LOD	<LOD	19.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6	<LOD	<LOD	<LOD	4267.63	<LOD	<LOD	<LOD	578	190.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	477	477.1	950914.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29038.89	<LOD	<LOD	<LOD	<LOD	367	11	23	<LOD	<LOD	<LOD	<LOD	5.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	4963.26	<LOD	<LOD	<LOD	117	152.71
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	478	478.1	847771.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141339.55	<LOD	<LOD	<LOD	<LOD	1182	<LOD	26	<LOD	<LOD	<LOD	<LOD	22.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55	<LOD	<LOD	<LOD	8284.88	<LOD	<LOD	<LOD	264	167.09
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	479	479.1	866345.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124043.92	<LOD	<LOD	<LOD	<LOD	1015	<LOD	19	<LOD	<LOD	<LOD	<LOD	3.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	7829.98	<LOD	<LOD	<LOD	193	181.5
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	480	480.1	941719.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38044.06	<LOD	<LOD	<LOD	<LOD	568	<LOD	18	<LOD	<LOD	<LOD	<LOD	3.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	9	7100.26	<LOD	<LOD	<LOD	87	215.3
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	481	481.1	932434	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58447.29	<LOD	<LOD	<LOD	<LOD	524	39	81	<LOD	<LOD	<LOD	<LOD	5.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	7472.77	<LOD	<LOD	<LOD	103	265.26
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	483	483.1	825026.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	162344.11	<LOD	<LOD	<LOD	<LOD	1015	79	95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10221.27	<LOD	<LOD	<LOD	281	184.56
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	485	485.1	906511.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84459.88	<LOD	<LOD	<LOD	<LOD	<LOD	55	96	<LOD	<LOD	<LOD	<LOD	32.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	6937.51	<LOD	<LOD	<LOD	67	191.85
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	487	487.1	901631.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87740.81	<LOD	<LOD	<LOD	<LOD	883	53	93	<LOD	<LOD	<LOD	<LOD	7.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	8105.88	<LOD	<LOD	<LOD	950	248.47
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	489	489.1	891152.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100852.03	<LOD	<LOD	<LOD	<LOD	635	50	86	<LOD	<LOD	<LOD	<LOD	26.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100	<LOD	<LOD	<LOD	5292.83	<LOD	<LOD	<LOD	1445	117.68
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	491	491.1	921434.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71393.44	<LOD	<LOD	<LOD	<LOD	1116	47	94	<LOD	<LOD	61	<LOD	36.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	888	<LOD	<LOD	<LOD	4498.59	<LOD	<LOD	<LOD	209	137.89
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	493	493.1	912913.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78117.23	<LOD	<LOD	<LOD	<LOD	893	69	104	<LOD	<LOD	<LOD	<LOD	19.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	6428.75	<LOD	<LOD	<LOD	144	244.27
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	495	495.1	911361	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82733.64	<LOD	<LOD	<LOD	<LOD	1897	59	86	<LOD	<LOD	<LOD	<LOD	4.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	946	<LOD	<LOD	<LOD	1761.28	<LOD	<LOD	<LOD	170	54.51
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	497	497.1	933200.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60196.5	<LOD	<LOD	<LOD	<LOD	955	63	100	<LOD	<LOD	<LOD	<LOD	14.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	4485.56	<LOD	<LOD	<LOD	471	95.4
Butler 3 Footwall	Niton XRF	BP12-CU08	ppm	499	499.1	882033.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105644.24	<LOD	<LOD	<LOD	<LOD	1899	73	106	<LOD	<LOD	<LOD	<LOD	9.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	463	<LOD	<LOD	<LOD	7295.72	<LOD	<LOD	<LOD	1273	205.47
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	15.8	15.9	907816.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4760.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66107.38	<LOD	<LOD	2871.44	<LOD	782	<LOD	17	<LOD	<LOD	<LOD	<LOD	5.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	1271.98	<LOD	<LOD	<LOD	71	398.34
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	16	16.1	915331.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10592.06	<LOD	<LOD	<LOD	105.19	<LOD	<LOD	52211.2	<LOD	<LOD	4422.65	<LOD	515	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	2259.23	<LOD	<LOD	<LOD	32	293.64
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	17	17.1	951275	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	918.94	<LOD	<LOD	<LOD	73.73	<LOD	<LOD	29469	<LOD	<LOD	1564.45	<LOD	595	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	1180.28	<LOD	125.66	<LOD	33	275.93
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	18	18.1	910720.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5855.6	<LOD	<LOD	<LOD	89.27	140	<LOD	61430.34	<LOD	<LOD	1640.83	<LOD	498	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	1167.09	<LOD	<LOD	<LOD	40	360.62
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	18.1	18.2	913584.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7157.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59975.61	<LOD	<LOD	2127.29	<LOD	653	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	<LOD	1252.87	<LOD	<LOD	<LOD	45	286.96
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	19	19.1	823157.75	<LOD	<LOD	<LOD	<LOD	441	<LOD	9581.79	<LOD	<LOD	<LOD	<LOD	73	<LOD	151320.38	<LOD	<LOD	7631.1	<LOD	1417	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	104	<LOD	<LOD	<LOD	5657.98	<LOD	613.54	<LOD	307	85.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	19.2	19.3	798065.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41271.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134091.3	<LOD	<LOD	14222.38	<LOD	3080	<LOD	15	<LOD	<LOD	<LOD	<LOD	17.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	552	<LOD	<LOD	<LOD	6901.9	<LOD	439.64	<LOD	167	100.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	20	20.1	798820.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37490.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139015.17	<LOD	<LOD	12685.03	<LOD	3013	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	523	<LOD	<LOD	<LOD	6805.05	<LOD	348.04	<LOD	230	118.53
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	21	21.1	791955.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7668.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	186905.17	<LOD	<LOD	1727.38	<LOD	3080	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127	<LOD	<LOD	<LOD	6589.06	<LOD	703.69	<LOD	260	110.01
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	22	22.1	821693.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3508.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	161351.17	<LOD	<LOD	1514.79	<LOD	2595	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6925.29	<LOD	492.24	<LOD	223	96.74
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	22.1	22.2	820039.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4652.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	164113.86	<LOD	<LOD	2913.72	<LOD	2470	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4949.66	<LOD	368.88	<LOD	120	89.54
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	23.2	23.3	821172.13	<LOD	<LOD	<LOD	<LOD	998	<LOD	4373.68	<LOD	<LOD	<LOD	<LOD	<LOD	742	133040.89	<LOD	<LOD	<LOD	<LOD	835	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14946	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	6798.09	<LOD	<LOD	<LOD	130	119.92
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	24	24.1	879025.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2401.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111408.42	<LOD	<LOD	<LOD	<LOD	1069	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4868.17	<LOD	310.59	<LOD	109	91.95
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	25	25.1	841370.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1680.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	149172.45	<LOD	<LOD	<LOD	<LOD	1197	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5921.5	<LOD	452.99	<LOD	137	112.07
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	26.3	26.4	815423.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3360.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	164392.44	<LOD	<LOD	5566.5	<LOD	1727	<LOD	18	<LOD	<LOD	<LOD	<LOD	10.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8068.51	<LOD	<LOD	<LOD	160	182.69

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	26.5	26.6	839694.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2201.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148749.8	<LOD	<LOD	<LOD	<LOD	1860	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5793.31	<LOD	290.9	<LOD	119	120.65
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	26.7	26.8	801233.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4029.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	184675.78	<LOD	<LOD	<LOD	<LOD	2087	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5861.4	<LOD	398.86	<LOD	117	117.32
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	26.8	26.9	863227.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3143.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123570.06	<LOD	<LOD	<LOD	<LOD	838	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4095	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	6013.46	<LOD	307.13	<LOD	72	131.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	26.9	27	899370.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1438.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87450.83	<LOD	<LOD	<LOD	<LOD	578	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	1330.19	<LOD	<LOD	<LOD	41	245.32
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	27	27.1	896782.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1854.21	<LOD	<LOD	<LOD	89.12	<LOD	<LOD	84323.07	<LOD	<LOD	<LOD	<LOD	641	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	1522.16	<LOD	<LOD	<LOD	69	362.77
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	27.1	27.2	780660.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2930.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152096.64	<LOD	<LOD	1133.16	<LOD	563	23	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25566	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD	<LOD	<LOD	1224.61	<LOD	<LOD	<LOD	<LOD	281
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	28	28.1	910944.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	989.18	<LOD	<LOD	627	84.19	<LOD	75	69462.95	<LOD	<LOD	1608.2	<LOD	287	<LOD	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1624.1	<LOD	<LOD	<LOD	38	219.87
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	29	29.1	823837.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3852.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	162675.11	<LOD	<LOD	<LOD	<LOD	1299	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91	<LOD	<LOD	<LOD	7086.42	<LOD	<LOD	<LOD	139	192.41
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	30	30.1	870006.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2040.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121984.72	<LOD	<LOD	<LOD	<LOD	353	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	41	<LOD	<LOD	<LOD	3938.39	<LOD	248.68	<LOD	62	189.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	31	31.1	823517.75	<LOD	<LOD	<LOD	<LOD	179	<LOD	84210.41	<LOD	<LOD	<LOD	362.05	<LOD	<LOD	84914.95	<LOD	<LOD	<LOD	<LOD	938	<LOD	<LOD	209	<LOD	<LOD	<LOD	2.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	511	<LOD	<LOD	<LOD	2677.56	<LOD	317.33	<LOD	32	8.84
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	32	32.1	863909.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11672.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119394.28	<LOD	<LOD	<LOD	<LOD	1079	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	254	<LOD	<LOD	<LOD	3756.75	<LOD	<LOD	<LOD	52	197.93
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	33	33.1	842466.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3511.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145147.78	<LOD	<LOD	<LOD	<LOD	1133	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	146	<LOD	<LOD	<LOD	6296.23	<LOD	<LOD	<LOD	<LOD	159.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	34	34.1	904194.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14170.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69619.08	<LOD	<LOD	1358.07	<LOD	822	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	1338.74	<LOD	135.43	<LOD	95	235.43
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	34.2	34.3	890484.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2658.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92229.33	<LOD	<LOD	<LOD	<LOD	1028	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1208.84	<LOD	177.69	<LOD	69	377.33
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	34.5	34.6	858850.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3570.24	<LOD	<LOD	<LOD	156.08	<LOD	<LOD	127494.86	<LOD	<LOD	<LOD	<LOD	911	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	6355.32	<LOD	238.82	<LOD	72	126.02
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	35	35.1	823086	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12071.93	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	156229.95	<LOD	<LOD	<LOD	<LOD	787	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	5397.43	<LOD	374.8	<LOD	79	106.08
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	36	36.1	906832.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2391.42	<LOD	<LOD	<LOD	<LOD	151	<LOD	73620.27	<LOD	<LOD	<LOD	<LOD	379	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1290.83	<LOD	<LOD	<LOD	94	286.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	37	37.1	894740.63	<LOD	<LOD	<LOD	<LOD	<LOD	27	2952.02	<LOD	<LOD	<LOD	103.36	<LOD	<LOD	70405.13	<LOD	<LOD	12361.99	<LOD	609	<LOD	21	<LOD	<LOD	<LOD	<LOD	17.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	20	1986.35	<LOD	164.51	<LOD	60	327.63
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	38	38.1	938854.13	<LOD	<LOD	<LOD	<LOD	<LOD	27	592.47	<LOD	<LOD	<LOD	89.78	<LOD	<LOD	37631.51	<LOD	<LOD	2832.44	<LOD	351	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	1561.58	<LOD	131.04	<LOD	<LOD	482.87
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	39	39.1	923485.69	<LOD	<LOD	<LOD	<LOD	497	<LOD	1314.63	<LOD	<LOD	<LOD	104.7	67	<LOD	56013.1	<LOD	<LOD	909.01	<LOD	705	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	17	1365.39	<LOD	<LOD	<LOD	56	289.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	40	40.1	919266.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3992.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57958.9	<LOD	<LOD	1981.32	<LOD	339	<LOD	15	<LOD	<LOD	<LOD	<LOD	3.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1057.04	<LOD	<LOD	<LOD	62	250.94
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	41	41.1	922795.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7606.04	<LOD	<LOD	<LOD	86.39	<LOD	<LOD	49423.07	<LOD	<LOD	4113.48	<LOD	560	78	22	<LOD	<LOD	<LOD	<LOD	3.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	1484.41	<LOD	<LOD	<LOD	78	290.48
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	42	42.1	892370	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1820.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93310.27	<LOD	<LOD	1979.97	<LOD	1353	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1594.04	<LOD	<LOD	<LOD	115	324.45
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	43	43.1	922107.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1048.96	<LOD	<LOD	<LOD	110.55	<LOD	<LOD	48552.08	<LOD	<LOD	3623.04	<LOD	575	<LOD	32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1500.3	<LOD	<LOD	<LOD	55	312.3
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	43.5	43.6	936990.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1897.22	<LOD	<LOD	<LOD	67.48	<LOD	<LOD	41696.59	<LOD	<LOD	2404.31	<LOD	495	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1446.52	<LOD	<LOD	<LOD	70	395.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	43.8	43.9	954921.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102.05	<LOD	<LOD	27721.11	<LOD	<LOD	987.1	<LOD	573	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1178.53	<LOD	90.05	<LOD	89	257.04
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	44	44.1	918557.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1319.42	<LOD	<LOD	<LOD	82.1	<LOD	<LOD	57654.02	<LOD	<LOD	3374.38	<LOD	593	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	952.94	<LOD	<LOD	<LOD	107	78.2
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	45	45.1	905324.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1406.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75547.34	<LOD	<LOD	<LOD	<LOD	983	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	1838.36	<LOD	<LOD	<LOD	171	286.93
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	46	46.1	856452.94	<LOD	<LOD	<LOD	<LOD	1117	<LOD	3576.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129863.41	<LOD	<LOD	1130.21	<LOD	1672	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6407.68	<LOD	<LOD	<LOD	142	142.37
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	47	47.1	842593.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2396.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145092.98	<LOD	<LOD	1930.41	<LOD	1155	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5559.24	<LOD	435.22	<LOD	178	139.89
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	48	48.1	901191.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1159.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76912.99	<LOD	<LOD	4261.69	<LOD	986	<LOD	19	<LOD	<LOD	<LOD	<LOD	5.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3319.34	<LOD	259.11	<LOD	53	307.23
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	50	50.1	873122.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2862.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99295.11	<LOD	<LOD	10090.71	<LOD	1103	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4841.47	<LOD	209.42	<LOD	164	162.74
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	51	51.1	849459.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21330.18	301	<LOD	<LOD	<LOD	<LOD	<LOD	119840.05	<LOD	<LOD	1338.06	<LOD	2482	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	231	<LOD	<LOD	<LOD	4837.21	<LOD	337.93	<LOD	218	174.83
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	52	52.1	937501.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	711.59	<LOD	<LOD	<LOD	92.4	<LOD	<LOD	44805.34	<LOD	<LOD	<LOD	<LOD	494	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1310.03	<LOD	<LOD	<LOD	104	263.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	53	53.1	945319.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1306.89	<LOD	<LOD	<LOD	77.36	71	<LOD	33279.06	<LOD	<LOD	2687.55	<LOD	538	<LOD	35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	147	<LOD	2143.31	<LOD	<LOD	<LOD	79	468.77
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	54	54.1	908309.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1149.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70084.13	<LOD	<LOD	3414.89	<LOD	613	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1370.01	<LOD	<LOD	<LOD	84	222.89
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	55	55.1	909642.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2707.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70428.52	<LOD	<LOD	1680.59	<LOD	986	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1684.51	<LOD	<LOD	<LOD	86	344.95
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	56.1	56.2	908974.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1047.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	75925.55	<LOD	<LOD	<LOD	<LOD	398	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1538.09	<LOD	<LOD	<LOD	72	300.6
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	56.5	56.6	929616.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	944.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50962.99	<LOD	<LOD	952.32	<LOD	745	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	911.81	<LOD	<LOD	<LOD	100	234.01
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	56.8	56.9	935821.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4432.17	<LOD	<LOD	<LOD	78.56	<LOD	<LOD	39703.77	<LOD	<LOD	<LOD	<LOD	713	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	1189.72	<LOD	103.19	<LOD	68	389.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	57	57.1	820923.56	<LOD	<LOD	<LOD	<LOD	638	<LOD	3477.43	<LOD	<LOD	<LOD	<LOD	75	<LOD	164741.89	<LOD	<LOD	<LOD	<LOD	2557	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6607.12	<LOD	306.66	<LOD	171	129.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	57.6	57.7	914385.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3320.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55422.71	<LOD	<LOD	1348.15	<LOD	823	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6957.89	<LOD	<LOD	<LOD	106	126.39
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	58	58.1	930817.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1603.86	<LOD	<LOD	<LOD	97	<LOD	<LOD	48356.77	<LOD	<LOD	<LOD	<LOD	870	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	1029.84	<LOD	<LOD	<LOD	68	243.22
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	59	59.1	943123.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3583.36	<LOD	<LOD	<LOD	63.4	<LOD	<LOD	31836.75	<LOD	<LOD	1929.01	<LOD	671	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	2272.37	<LOD	<LOD	<LOD	59	368.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	59.5	59.6	941182.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7796.24	<LOD	<LOD	<LOD	100.05	<LOD	<LOD	30920.39	<LOD	<LOD	3747.25	<LOD	544	<LOD	15	<LOD	<LOD	<LOD	<LOD	3.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	1423.17	<LOD	<LOD	<LOD	80	250.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	60	60.1	944245.13	<LOD	<LOD	<LOD	<LOD	738	<LOD	10188.64	<LOD	<LOD	<LOD	96.44	69	<LOD	15633.92	<LOD	<LOD	12250.95	<LOD	191	<LOD	18	<LOD	<LOD	<LOD	<LOD	19.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	99	29	<LOD	131	<LOD	3479.05	<LOD	112.33	<LOD	42	159.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	60.5	60.6	946070.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1992.27	<LOD	<LOD	<LOD	69.67	<LOD	<LOD	31785.06	<LOD	<LOD	1599.61	<LOD	723	<LOD	23	<LOD	<LOD	<LOD	<LOD	4.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	2287.24	<LOD	<LOD	<LOD	60	306.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	62	62.1	856802.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2745.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	129334	<LOD	<LOD	3890.15	<LOD	1944	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3161.31	<LOD	<LOD	<LOD	137	278.24
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	63	63.1	922555.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2538.91	<LOD	<LOD	<LOD	91.5	<LOD	<LOD	56763.09	<LOD	<LOD	1115.51	<LOD	934	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1123.53	<LOD	<LOD	<LOD	46	186.01
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	64.3	64.4	843302.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61188.23	<LOD	<LOD	<LOD	138.72	<LOD	<LOD	78216.45	<LOD	<LOD	12056.44	<LOD	2115	<LOD	<LOD	148	<LOD	<LOD	<LOD	11.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	654	<LOD	<LOD	<LOD	2656.63	<LOD	328.98	<LOD	<LOD	70.71
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	65	65.1	853573.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71080.48	<LOD	<LOD	<LOD	155.99	<LOD	<LOD	59679.06	<LOD	<LOD	1689.28	<LOD	1878	<LOD	<LOD	175	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106	<LOD	<LOD	<LOD	1727.22	<LOD	205.8	<LOD	68	50.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	65.5	65.6	888505.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3652.94	<LOD	<LOD	<LOD	148.22	<LOD	<LOD	81370.29	<LOD	<LOD	10822.93	<LOD	708	<LOD	20	<LOD	<LOD	<LOD	<LOD	6.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	4042.16	<LOD	185.98	<LOD	119	222.53
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	67	67.1	865175.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3720.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120847.41	<LOD	<LOD	1276.57	<LOD	604	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	7085.22	<LOD	<LOD	<LOD	<LOD	158.2
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	68	68.1	895490.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1778.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78904.87	<LOD	<LOD	3266.69	<LOD	688	<LOD	16	<LOD	<LOD	<LOD	<LOD	6.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	3397.68	<LOD	202.56	<LOD	46	255.52
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	69	69.1	882759.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3737.21	<LOD	<LOD	<LOD	90.06	<LOD	<LOD	70015.05	<LOD	<LOD	1458.27	<LOD	627	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9999	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	5465.37	<LOD	<LOD	<LOD	<LOD	181.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	70	70.1	916530.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1234.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	55976.85	<LOD	<LOD	2542.37	<LOD	635	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	2116.4	<LOD	<LOD	<LOD	46	318.66
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	71.2	71.3	877594.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4669.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107618.45	<LOD	<LOD	1524.44	<LOD	1230	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	6827.43	<LOD	<LOD	<LOD	66	197.64
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	72	72.1	848825.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3697.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130022.47	<LOD	<LOD	7886.21	<LOD	1221	<LOD	18	<LOD	<LOD	<LOD	<LOD	4.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	6700.24	<LOD	240.79	<LOD	69	173.24
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	73	73.1	916095.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1092.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58408.34	<LOD	<LOD	5827.3	<LOD	662	<LOD	15	<LOD	<LOD	<LOD	<LOD	6.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2973.32	<LOD	<LOD	<LOD	<LOD	287.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	74	74.1	911585.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	837.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82656.06	<LOD	<LOD	<LOD	<LOD	764	20	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2131.68	<LOD	<LOD	<LOD	<LOD	214.55
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	76	76.1	888938.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1772.07	<LOD	<LOD	<LOD	143.09	<LOD	<LOD	66059.46	<LOD	<LOD	5780.29	<LOD	460	<LOD	15	<LOD	<LOD	<LOD	<LOD	7.72	<LOD	11164	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	3485.78	<LOD	<LOD	<LOD	<LOD	244.39
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	77	77.1	910155.56	<LOD	<LOD	<LOD	<LOD	850	<LOD	1018.67	<LOD	<LOD	<LOD	76.02	128	<LOD	56659.52	<LOD	<LOD	11402.03	<LOD	807	<LOD	27	<LOD	<LOD	<LOD	<LOD	4.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7	<LOD	<LOD	<LOD	2344.33	<LOD	<LOD	<LOD	<LOD	284.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	78.1	78.2	934543.13	<LOD	<LOD	<LOD	<LOD	581	<LOD	1466.44	<LOD	<LOD	<LOD	72.24	70	<LOD	40361.39	<LOD	<LOD	3942.83	<LOD	270	<LOD	24	<LOD	<LOD	<LOD	<LOD	3.65	<LOD	4561	64	<LOD	<LOD	<LOD	141	<LOD	<LOD	120	<LOD	2832.63	<LOD	<LOD	<LOD	<LOD	245.16
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	79	79.1	906381.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1358.14	<LOD	<LOD	<LOD	117.76	<LOD	<LOD	62728.26	<LOD	<LOD	8824.81	<LOD	448	<LOD	24	<LOD	<LOD	<LOD	<LOD	3.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	2972.28	<LOD	<LOD	<LOD	40	256.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	80	80.1	899330.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1710.88	<LOD	<LOD	<LOD	112.6	<LOD	<LOD	64398.54	<LOD	<LOD	16507.8	<LOD	772	<LOD	18	<LOD	<LOD	<LOD	<LOD	15.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	2820.86	<LOD	<LOD	<LOD	<LOD	255.38
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	81	81.1	919580.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2297.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46396.84	<LOD	<LOD	9346.51	<LOD	376	<LOD	21	<LOD	<LOD	<LOD	<LOD	6.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	2004.61	<LOD	<LOD	<LOD	<LOD	250.89
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	82	82.1	928052.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1099.62	<LOD	<LOD	<LOD	68.34	<LOD	<LOD	45481.38	<LOD	<LOD	1721.61	<LOD	357	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4904	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2572.29	<LOD	<LOD	<LOD	<LOD	301.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	86	86.1	892623.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15638.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72146.88	<LOD	<LOD	2763.29	<LOD	589	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	2781.49	<LOD	255.12	<LOD	125	241.8
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	87.5	87.6	915179.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10089.88	<LOD	<LOD	<LOD	85.77	<LOD	<LOD	44560.42	<LOD	<LOD	9177.4	<LOD	765	<LOD	19	<LOD	<LOD	<LOD	<LOD	8.72	<LOD	3231	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	1490.98	<LOD	<LOD	<LOD	65	283.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	89	89.1	910416.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3805.02	<LOD	<LOD	<LOD	113.95	<LOD	<LOD	59968.46	<LOD	<LOD	4379.88	<LOD	470	<LOD	21	<LOD	<LOD	<LOD	<LOD	4.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4486.66	<LOD	<LOD	<LOD	84	262.12
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	90	90.1	902299.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5579.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60894.93	<LOD	<LOD	11389.24	<LOD	655	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	1775.17	<LOD	238.94	<LOD	47	299.22
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	91.5	91.6	889514.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64762.44	<LOD	<LOD	25334.91	<LOD	494	<LOD	21	<LOD	<LOD	<LOD	<LOD	16.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2322.11	<LOD	<LOD	<LOD	42	316.99
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	93	93.1	941283.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2768.29	<LOD	<LOD	<LOD	98.22	<LOD	<LOD	35675.26	<LOD	<LOD	3450.91	<LOD	426	<LOD	16	<LOD	<LOD	<LOD	<LOD	3.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	1821.81	<LOD	<LOD	<LOD	47	252.99
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	94.4	94.5	943665.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89.87	<LOD	<LOD	36349.8	<LOD	<LOD	2643.47	<LOD	716	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	1304.79	<LOD	135.56	<LOD	37	305.39
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	94.6	94.7	946146.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	121.21	<LOD	<LOD	35630.22	<LOD	<LOD	1551.18	<LOD	345	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	564.92	<LOD	<LOD	<LOD	37	112.32
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	96	96.1	909233.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	976.84	<LOD	<LOD	<LOD	<LOD	<LOD	361	65339	<LOD	<LOD	3805.93	<LOD	690	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5341	<LOD	<LOD	<LOD	<LOD	<LOD	8	<LOD	<LOD	<LOD	2282.83	<LOD	<LOD	<LOD	79	369.19
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	97.5	97.6	921904.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16322.07	<LOD	<LOD	<LOD	99.87	<LOD	<LOD	42805.76	<LOD	<LOD	1900.88	<LOD	554	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	1396.78	<LOD	<LOD	<LOD	<LOD	307.53
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	98.7	98.8	840688.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1566.03	<LOD	<LOD	<LOD	<LOD	1240	<LOD	151396.59	<LOD	<LOD	<LOD	<LOD	3441	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	740.2	<LOD	<LOD	<LOD	75	192.71
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	100.3	100.4	823550.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11060.87	318	<LOD	<LOD	<LOD	<LOD	<LOD	155049.75	<LOD	<LOD	1768.43	<LOD	2231	<LOD	52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	192	76	<LOD	<LOD	<LOD	4555.95	<LOD	<LOD	<LOD	175	384.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	101.5	101.6	924199.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18111.95	<LOD	<LOD	<LOD	83.41	<LOD	<LOD	39184.73	<LOD	<LOD	682.72	<LOD	444	<LOD	28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	1497.88	<LOD	<LOD	<LOD	75	447.17
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	103	103.1	907874.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17512.67	<LOD	<LOD	<LOD	144.59	<LOD	<LOD	43794.58	<LOD	<LOD	9784.32	<LOD	1191	<LOD	24	<LOD	<LOD	<LOD	<LOD	14.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	1877.55	<LOD	109.82	<LOD	116	289.94
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	104.4	104.5	926826.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8438.75	<LOD	<LOD	<LOD	98.16	<LOD	<LOD	42716.8	<LOD	<LOD	3995.23	<LOD	507	<LOD	20	<LOD	<LOD	<LOD	<LOD	4.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	1355.85	<LOD	<LOD	<LOD	129	275.46
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	106.1	106.2	931468.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13319	<LOD	<LOD	<LOD	67.09	<LOD	138	31712.31	<LOD	<LOD	4829.46	<LOD	460	<LOD	21	<LOD	<LOD	<LOD	<LOD	3.49	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	2312.06	<LOD	<LOD	<LOD	110	338.78
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	107.5	107.6	913940.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14968.86	<LOD	<LOD	<LOD	113.46	<LOD	<LOD	50733.14	<LOD	<LOD	1533.07	<LOD	1597	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	1747.5	<LOD	<LOD	<LOD	140	463.92
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	109	109.1	917500.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14686.95	<LOD	<LOD	<LOD	62.04	<LOD	<LOD	40269.93	<LOD	<LOD	7363.87	<LOD	942	<LOD	14	<LOD	<LOD	<LOD	<LOD	7.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	1541.3	<LOD	<LOD	<LOD	74	277.09
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	110.4	110.5	900732.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8448.42	<LOD	<LOD	<LOD	78.97	<LOD	<LOD	59149.79	<LOD	<LOD	12069.24	<LOD	1304	<LOD	21	<LOD	<LOD	<LOD	<LOD	8.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	1441.04	<LOD	137.93	<LOD	94	247.51
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	113.2	113.3	921418.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19498.31	<LOD	<LOD	<LOD	141.1	<LOD	<LOD	37799.8	<LOD	<LOD	2991.89	<LOD	875	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44	<LOD	<LOD	<LOD	2043.98	<LOD	<LOD	<LOD	88	295.04
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	114.7	114.8	854228.81	<LOD	<LOD	<LOD	<LOD	<LOD	25	21357.24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	112670.46	<LOD	<LOD	5984.6	<LOD	3326	<LOD	30	<LOD	<LOD	<LOD	<LOD	5.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	105	<LOD	<LOD	<LOD	1847.31	<LOD	<LOD	<LOD	219	338.8
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	116	116.1	848179.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4293.6	<LOD	<LOD	<LOD	101.85	<LOD	226	111249.96	<LOD	<LOD	5649.61	<LOD	505	<LOD	20	<LOD	<LOD	<LOD	<LOD	9.03	<LOD	11080	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6232.4	<LOD	215.16	<LOD	395	167.31
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	117	117.1	826180.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7248.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150576.81	<LOD	<LOD	9923.14	<LOD	1344	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2897.4	<LOD	212.13	<LOD	349	227.97
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	118.6	118.7	863464.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27268.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77342.3	<LOD	<LOD	23372.68	<LOD	1026	<LOD	23	<LOD	<LOD	<LOD	<LOD	22.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	287	<LOD	<LOD	<LOD	3963.07	<LOD	210.55	<LOD	109	256.21
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	120	120.1	870654.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11406.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84582.7	<LOD	<LOD	15690.59	<LOD	1410	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	3713.3	<LOD	291.65	<LOD	142	268.59
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	121.5	121.6	875902.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11422.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100730.53	<LOD	<LOD	4298.75	<LOD	2053	<LOD	23	<LOD	<LOD	<LOD	<LOD	4.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74	<LOD	<LOD	<LOD	3347.23	<LOD	217.78	<LOD	90	127.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	123	123.1	821597.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6006.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160716.75	<LOD	<LOD	<LOD	<LOD	2437	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6838.69	<LOD	398.72	<LOD	253	170.82
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	124	124.1	886748.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7549.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87834.7	<LOD	<LOD	1248.26	<LOD	1139	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4286.39	<LOD	<LOD	<LOD	87	266.93
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	125.3	125.4	842557.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11034.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135110.67	<LOD	<LOD	3035.13	<LOD	1833	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38	<LOD	<LOD	<LOD	5516.46	<LOD	429.02	<LOD	154	118.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	126.8	126.9	920978.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1735.08	<LOD	<LOD	<LOD	77.29	<LOD	<LOD	51388.81	<LOD	<LOD	3374.55	<LOD	467	<LOD	22	<LOD	<LOD	<LOD	<LOD	5.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1468.49	<LOD	<LOD	<LOD	98	276.14
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	127.8	127.9	945812.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3692.99	<LOD	<LOD	<LOD	63.31	<LOD	<LOD	30480.06	<LOD	<LOD	2250.65	<LOD	356	<LOD	18	<LOD	<LOD	<LOD	<LOD	5.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10	<LOD	<LOD	<LOD	751.18	<LOD	<LOD	<LOD	59	163.04
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	129	129.1	874914.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3185.8	<LOD	<LOD	<LOD	120.92	<LOD	<LOD	73175.05	<LOD	<LOD	25808.78	<LOD	1110	<LOD	23	<LOD	<LOD	<LOD	<LOD	18.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3525.68	<LOD	234.32	<LOD	211	302.29
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	130.5	130.6	912988.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1828.32	<LOD	<LOD	<LOD	102.01	<LOD	<LOD	41704.45	<LOD	<LOD	18969.14	<LOD	837	<LOD	12	<LOD	<LOD	<LOD	<LOD	15.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2929.64	<LOD	195.56	<LOD	166	184

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	132	132.1	902958.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16438.82	<LOD	<LOD	<LOD	90.51	<LOD	<LOD	40572.2	<LOD	<LOD	14010.54	<LOD	465	<LOD	23	<LOD	<LOD	<LOD	<LOD	14.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	1942.27	<LOD	127.19	<LOD	110	202.81
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	133.5	133.6	826728.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46456.32	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102540.82	<LOD	<LOD	20203.34	<LOD	610	<LOD	17	<LOD	<LOD	<LOD	<LOD	20.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	224	<LOD	<LOD	<LOD	3116.05	<LOD	198.62	<LOD	306	400.05
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	135	135.1	901402.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8766.61	<LOD	<LOD	<LOD	132.97	<LOD	<LOD	51586.13	<LOD	<LOD	14286.14	<LOD	609	<LOD	17	<LOD	<LOD	<LOD	<LOD	16.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	19	1943.98	<LOD	<LOD	<LOD	84	213.26
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	136.5	136.6	870774.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21160.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65186.7	<LOD	<LOD	20977.46	<LOD	1342	<LOD	23	<LOD	<LOD	<LOD	<LOD	18.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	3230.38	<LOD	166.82	<LOD	103	311.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	140.6	140.7	908404.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1983.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	73617.48	<LOD	<LOD	<LOD	<LOD	270	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1592.14	<LOD	<LOD	<LOD	36	262.75
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	142.5	142.6	891121.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	625.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97509.34	<LOD	<LOD	962.68	<LOD	649	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1793.69	<LOD	<LOD	<LOD	<LOD	239.73
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	143.7	143.8	917715.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1016.36	<LOD	<LOD	<LOD	135.78	<LOD	<LOD	56089.28	<LOD	<LOD	<LOD	<LOD	388	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3629.56	<LOD	<LOD	<LOD	49	302.46
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	145.3	145.4	849424.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	144542.03	<LOD	<LOD	2298.19	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	<LOD	<LOD	<LOD	1868.77	<LOD	<LOD	<LOD	76	385.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	146.7	146.8	871287.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4375.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119390.3	<LOD	<LOD	<LOD	<LOD	1204	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1919.21	<LOD	<LOD	<LOD	160	336.43
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	148	148.1	917064.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1191.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79155.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1258.22	<LOD	<LOD	<LOD	<LOD	262.26
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	149.5	149.6	886085.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	732.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110304.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	993.68	<LOD	<LOD	<LOD	<LOD	293.55
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	151	151.1	899882.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1161.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96328.3	<LOD	<LOD	<LOD	<LOD	392	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1547.17	<LOD	<LOD	<LOD	<LOD	249.8
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	152	152.1	895527.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	846.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98813.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2247.22	<LOD	<LOD	<LOD	65	231.05
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	154	154.1	871941.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123247.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1442.86	<LOD	<LOD	<LOD	<LOD	282
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	155.3	155.4	887691.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1097.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107042.37	<LOD	<LOD	<LOD	<LOD	403	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1900.25	<LOD	<LOD	<LOD	<LOD	224.15
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	156.8	156.9	916263.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77576.89	<LOD	<LOD	2708.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2012.82	<LOD	<LOD	<LOD	<LOD	215.84
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	158.1	158.2	877072.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2562.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113620.53	<LOD	<LOD	<LOD	<LOD	626	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4265.49	<LOD	<LOD	<LOD	<LOD	220.68
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	159.5	159.6	881183.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2308.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109273.24	<LOD	<LOD	<LOD	<LOD	953	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4105.91	<LOD	367.89	<LOD	<LOD	180.25
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	159.9	160	740933	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5539.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	239218.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10800.88	<LOD	533.39	<LOD	<LOD	248.5
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	160.5	160.6	895329.56	<LOD	<LOD	<LOD	<LOD	<LOD	162	1561.17	<LOD	<LOD	<LOD	177.18	<LOD	<LOD	97914.85	<LOD	<LOD	<LOD	<LOD	958	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	154	<LOD	<LOD	<LOD	1514.76	<LOD	317.49	<LOD	95	366.05
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	163.7	163.8	880716.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2282.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110846.55	<LOD	<LOD	<LOD	<LOD	841	<LOD	30	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3514.79	<LOD	269.06	<LOD	<LOD	248.14
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	165.2	165.3	880516.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1916.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109480.46	<LOD	<LOD	<LOD	<LOD	622	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5410.56	<LOD	365.61	<LOD	<LOD	265.72
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	166.6	166.7	959735.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2699.51	<LOD	<LOD	<LOD	103.07	<LOD	<LOD	34478.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	971.07	<LOD	<LOD	<LOD	<LOD	238.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	168	168.1	864946	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4029.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122551.91	<LOD	<LOD	<LOD	<LOD	1030	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6237.92	<LOD	<LOD	<LOD	105	146.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	169.4	169.5	932316.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	788.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64552.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1514.15	<LOD	<LOD	<LOD	<LOD	257.61
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	171	171.1	933979.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1184.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	62395.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1153.39	<LOD	<LOD	<LOD	<LOD	190.21
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	172.5	172.6	941374	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3970.82	<LOD	<LOD	<LOD	106.87	<LOD	<LOD	39679.68	<LOD	<LOD	12093.12	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	8.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	1791.34	<LOD	<LOD	<LOD	<LOD	365.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	173.7	173.8	925217.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5158.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64347.39	<LOD	<LOD	2381.98	<LOD	829	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	<LOD	1164.43	<LOD	<LOD	<LOD	<LOD	236.07
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	175.3	175.4	869929.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2529.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	118140.26	<LOD	<LOD	<LOD	<LOD	2259	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4727.2	<LOD	302.19	<LOD	83	110.55
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	176.5	176.6	913881.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64808.09	<LOD	<LOD	16566.29	<LOD	725	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1967.81	<LOD	<LOD	<LOD	<LOD	283.49
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	178	178.1	917019.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57933.62	<LOD	<LOD	20372.5	<LOD	669	<LOD	26	<LOD	<LOD	<LOD	<LOD	10.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2284.88	<LOD	164.07	<LOD	<LOD	272.53
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	179.6	179.7	926340.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	60153.51	<LOD	<LOD	7596.97	<LOD	1309	<LOD	18	<LOD	<LOD	<LOD	<LOD	6.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1866.53	<LOD	<LOD	<LOD	<LOD	289.14
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	179.8	179.9	902209.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67854.6	<LOD	<LOD	25483.4	<LOD	989	<LOD	16	<LOD	<LOD	<LOD	<LOD	12.53	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2005.81	<LOD	<LOD	<LOD	64	267.42
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	181.3	181.4	953985.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	793.1	<LOD	<LOD	<LOD	85.15	<LOD	<LOD	38313.81	<LOD	<LOD	3238.6	<LOD	1021	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1814.19	<LOD	<LOD	<LOD	<LOD	290.35
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	182.7	182.8	944388.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11122.84	<LOD	<LOD	<LOD	92.19	<LOD	<LOD	29550.24	<LOD	<LOD	11994.46	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	156	<LOD	<LOD	<LOD	1766.51	<LOD	<LOD	<LOD	<LOD	289.96
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	184.2	184.3	952254.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3161.55	<LOD	<LOD	<LOD	111.73	<LOD	<LOD	38657.53	<LOD	<LOD	2229.99	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1942.28	<LOD	<LOD	<LOD	<LOD	298.74
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	185.5	185.6	808172.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6651.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148037.83	<LOD	<LOD	22057.13	<LOD	1306	<LOD	26	<LOD	<LOD	<LOD	<LOD	27.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81	<LOD	<LOD	<LOD	3750.76	<LOD	317.25	<LOD	166	503.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	186	186.1	897985.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2060.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93470.63	<LOD	<LOD	<LOD	<LOD	686	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4205.9	<LOD	<LOD	<LOD	502	307.07
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	186.9	187	916552.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51669.09	<LOD	<LOD	<LOD	102.02	<LOD	<LOD	20599.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	<LOD	<LOD	<LOD	9262.57	<LOD	<LOD	<LOD	<LOD	143.04
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	187	187.1	856784.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3766.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126640.66	<LOD	<LOD	<LOD	<LOD	1456	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8844.78	<LOD	<LOD	<LOD	926	104.57
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	188.4	188.5	888238.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1774.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	92148.9	<LOD	<LOD	10245.33	<LOD	1334	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2161.2	<LOD	<LOD	<LOD	76	215.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	189.7	189.8	923124.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1369.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63409.61	<LOD	<LOD	8275.25	<LOD	1106	<LOD	19	<LOD	<LOD	<LOD	<LOD	6.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1624.03	<LOD	<LOD	<LOD	<LOD	261.27
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	191	191.1	920404.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91.73	<LOD	<LOD	53698.25	<LOD	<LOD	21164.23	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	9.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2478.06	<LOD	<LOD	<LOD	201	304.43
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	192.5	192.6	912786.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3749.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57555.48	<LOD	<LOD	19580.47	<LOD	2645	<LOD	18	<LOD	<LOD	<LOD	<LOD	8.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	86	<LOD	<LOD	<LOD	2197.29	<LOD	<LOD	<LOD	<LOD	359.26
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	194	194.1	923893.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2711.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	57163.61	<LOD	<LOD	12716.22	<LOD	583	<LOD	18	<LOD	<LOD	<LOD	<LOD	7.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2046.56	<LOD	<LOD	<LOD	<LOD	289.72
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	195.3	195.4	924357.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2540.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51507.57	<LOD	<LOD	18082.59	<LOD	469	<LOD	21	<LOD	<LOD	<LOD	<LOD	12.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1691.05	<LOD	<LOD	<LOD	<LOD	304.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	196.8	196.9	949074.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1893.99	<LOD	<LOD	<LOD	84.63	<LOD	<LOD	43664.75	<LOD	<LOD	2298.64	<LOD	709	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1603.83	<LOD	<LOD	<LOD	<LOD	337.03
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	198.3	198.4	906408.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59722.8	<LOD	<LOD	29193.49	<LOD	550	26	<LOD	<LOD	<LOD	<LOD	<LOD	18.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2008.78	<LOD	<LOD	<LOD	72	264.05
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	199.6	199.7	928977.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1879.59	<LOD	<LOD	<LOD	111.32	<LOD	<LOD	53706.29	<LOD	<LOD	11111.59	<LOD	1118	<LOD	21	<LOD	<LOD	<LOD	<LOD	6.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1822.06	<LOD	<LOD	<LOD	<LOD	315.97
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	201	201.1	916988.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1450.31	<LOD	<LOD	<LOD	110.26	<LOD	<LOD	54323.95	<LOD	<LOD	22275.87	<LOD	574	<LOD	21	<LOD	<LOD	<LOD	<LOD	13.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	3083.39	<LOD	<LOD	<LOD	124	271.71
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	202.5	202.6	904659.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14027.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76050.68	<LOD	<LOD	<LOD	<LOD	1547	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117	<LOD	<LOD	<LOD	2059.67	<LOD	330.67	<LOD	65	257.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	204	204.1	890243.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2010.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103592.47	<LOD	<LOD	<LOD	<LOD	464	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2033.72	<LOD	257.14	<LOD	131	325.14
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	205.5	205.6	884769	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3660.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100790.3	<LOD	<LOD	4753.37	<LOD	496	<LOD	33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4897.67	<LOD	<LOD	<LOD	91	209.47
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	206.7	206.8	857739.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4013.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113853.82	<LOD	<LOD	16815.4	<LOD	1205	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5020.23	<LOD	373.82	<LOD	99	214.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	208.2	208.3	881965.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20297.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69385.29	<LOD	<LOD	22885.69	<LOD	537	<LOD	17	<LOD	<LOD	<LOD	<LOD	18.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	567	<LOD	<LOD	<LOD	3346.64	<LOD	<LOD	<LOD	86	225.28
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	209.5	209.6	914247.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17857.75	<LOD	<LOD	<LOD	87.79	<LOD	<LOD	42581.43	<LOD	<LOD	21658.92	<LOD	449	<LOD	25	<LOD	<LOD	<LOD	<LOD	23.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	229	<LOD	<LOD	<LOD	1943.87	<LOD	150.87	<LOD	56	347.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	211	211.1	911829.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15462.95	<LOD	<LOD	<LOD	99.8	<LOD	<LOD	47104.73	<LOD	<LOD	21930.23	<LOD	1087	<LOD	23	<LOD	<LOD	<LOD	<LOD	21.4	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	1564.29	<LOD	193.96	<LOD	67	296.92
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	212.6	212.7	909401.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20476.06	<LOD	<LOD	<LOD	154.25	<LOD	<LOD	44720.52	<LOD	<LOD	21893.43	<LOD	602	<LOD	23	<LOD	<LOD	<LOD	<LOD	11.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	417	<LOD	<LOD	<LOD	1452.02	<LOD	147.59	<LOD	<LOD	353.82
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	214.8	214.9	913661.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16920.42	<LOD	<LOD	<LOD	143.51	<LOD	<LOD	35334.74	<LOD	<LOD	30306.1	<LOD	652	<LOD	26	<LOD	<LOD	<LOD	<LOD	18.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	349	<LOD	<LOD	<LOD	1587.23	<LOD	241.65	<LOD	<LOD	352.85
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	216.4	216.5	917537.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16516.92	<LOD	<LOD	<LOD	89.92	<LOD	<LOD	40683.26	<LOD	<LOD	21533.03	<LOD	777	<LOD	17	<LOD	<LOD	<LOD	<LOD	17.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	<LOD	<LOD	1815.75	<LOD	204.59	<LOD	70	326.65
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	217.7	217.8	934932.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16878.19	<LOD	<LOD	<LOD	125.46	<LOD	<LOD	35614.03	<LOD	<LOD	9108.27	<LOD	480	<LOD	23	<LOD	<LOD	<LOD	<LOD	9.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	469	<LOD	<LOD	<LOD	1522.34	<LOD	160.91	<LOD	<LOD	345.84
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	219	219.1	929958.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11141.41	<LOD	<LOD	<LOD	135.82	<LOD	<LOD	30016.01	<LOD	<LOD	24917.44	<LOD	769	<LOD	28	<LOD	<LOD	<LOD	<LOD	17.65	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	<LOD	<LOD	1787.61	<LOD	193.37	<LOD	53	364.95
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	220.8	220.9	918454.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29222.56	<LOD	<LOD	<LOD	114.53	<LOD	<LOD	34222.07	<LOD	<LOD	14042.38	<LOD	1153	<LOD	26	<LOD	<LOD	<LOD	<LOD	9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	355	<LOD	<LOD	<LOD	1578.76	<LOD	<LOD	<LOD	<LOD	340.83
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	227	227.1	914103.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20322.28	<LOD	<LOD	<LOD	111.95	<LOD	<LOD	33497.13	<LOD	<LOD	27644.35	<LOD	815	<LOD	27	<LOD	<LOD	<LOD	<LOD	19.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	351	<LOD	<LOD	<LOD	1645.8	<LOD	219.09	<LOD	79	363.41
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	230.6	230.7	897582.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11842.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42261.83	<LOD	<LOD	43508.81	<LOD	1059	<LOD	26	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	332	<LOD	<LOD	<LOD	1940.84	<LOD	260.31	<LOD	68	365.87
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	232	232.1	917435.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18094.33	<LOD	<LOD	<LOD	84.12	<LOD	<LOD	28520.25	<LOD	<LOD	32415.6	<LOD	566	<LOD	24	<LOD	<LOD	<LOD	<LOD	15.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160	<LOD	<LOD	<LOD	1863.96	<LOD	299.38	<LOD	72	373.81
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	233.5	233.6	900516.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14883.69	<LOD	<LOD	<LOD	154.39	<LOD	<LOD	40242.68	<LOD	<LOD	40048.13	<LOD	852	<LOD	34	<LOD	<LOD	<LOD	<LOD	19.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	109	<LOD	<LOD	<LOD	1869.79	<LOD	192.52	<LOD	96	393.27
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	234.9	235	925519.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20098.42	<LOD	<LOD	<LOD	84.61	<LOD	<LOD	23923.88	<LOD	<LOD	25664.91	<LOD	1486	<LOD	20	<LOD	<LOD	<LOD	<LOD	22.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	406	<LOD	<LOD	<LOD	1762.51	<LOD	178.67	<LOD	78	375.57
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	243	243.1	898381.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12032.56	<LOD	<LOD	<LOD	156.07	<LOD	<LOD	45892.57	<LOD	<LOD	39765	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	26.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134	<LOD	<LOD	<LOD	2100.09	<LOD	197.82	<LOD	154	326.24
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	250.5	250.6	910746.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11485.85	<LOD	<LOD	<LOD	89.01	<LOD	<LOD	42578.91	<LOD	<LOD	30572.26	<LOD	1140	<LOD	30	<LOD	<LOD	<LOD	<LOD	22.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	197	<LOD	<LOD	<LOD	1873.26	<LOD	200.47	<LOD	95	349.48
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	253.5	253.6	881115.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5207.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78547.03	<LOD	<LOD	21054.95	<LOD	11565	<LOD	33	<LOD	<LOD	<LOD	<LOD	15.47	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	1339.19	<LOD	<LOD	<LOD	<LOD	308.54
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	256	256.1	920703.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14151.35	<LOD	<LOD	<LOD	85.34	<LOD	<LOD	37938.33	<LOD	<LOD	23794.36	<LOD	357	<LOD	26	<LOD	<LOD	<LOD	<LOD	21.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	210	<LOD	<LOD	<LOD	1782.95	<LOD	240.8	<LOD	<LOD	323.66
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	257.5	257.6	911163.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14216.6	<LOD	<LOD	<LOD	149.87	<LOD	<LOD	44801.44	<LOD	<LOD	25745.69	<LOD	751	<LOD	29	<LOD	<LOD	<LOD	<LOD	20.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	111	<LOD	<LOD	<LOD	1763.75	<LOD	<LOD	<LOD	71	339.88
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	257.9	258	870895.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	9535.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	110218.34	<LOD	<LOD	<LOD	<LOD	1785	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5131.41	<LOD	305.33	<LOD	97	207.83
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	262	262.1	862839.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3719.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	125961.96	<LOD	<LOD	<LOD	<LOD	940	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4895.13	<LOD	<LOD	<LOD	<LOD	180.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	266	266.1	853019.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22344.01	<LOD	<LOD	<LOD	154.56	<LOD	<LOD	116367.12	<LOD	<LOD	<LOD	<LOD	2144	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	248	<LOD	<LOD	<LOD	4397.86	<LOD	372.26	<LOD	102	159.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	270	270.1	903253.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2642.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88735.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3636.56	<LOD	<LOD	<LOD	<LOD	132.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	272.1	272.2	862581.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	127806.22	<LOD	<LOD	<LOD	<LOD	927	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5191.51	<LOD	<LOD	<LOD	<LOD	153.72
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	273.7	273.8	911630.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2151.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80219.28	<LOD	<LOD	<LOD	<LOD	266	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4276.84	<LOD	<LOD	<LOD	<LOD	165.46
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	275	275.1	834873.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141290.28	<LOD	<LOD	<LOD	<LOD	916	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4715.2	<LOD	<LOD	<LOD	<LOD	103.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	276.3	276.4	923803.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	70453.55	<LOD	<LOD	<LOD	<LOD	402	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	153.59
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	277.7	277.8	890854.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2169.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101915.72	<LOD	<LOD	<LOD	<LOD	579	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	2919.82	<LOD	480.02	<LOD	<LOD	109.2
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	279.2	279.3	894822.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90596.74	<LOD	<LOD	<LOD	<LOD	388	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	130.62
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	283.5	283.6	904728.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	90066.34	<LOD	<LOD	<LOD	<LOD	485	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	87.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	284.9	285	897695.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94932	<LOD	<LOD	<LOD	<LOD	520	16	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	115	<LOD	<LOD	<LOD	4185.98	<LOD	<LOD	<LOD	<LOD	133.44
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	286.3	286.4	913052.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	78810.93	<LOD	<LOD	<LOD	<LOD	574	<LOD	15	<LOD	<LOD	<LOD	<LOD	12.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4371.28	<LOD	<LOD	<LOD	64	149.29
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	287.7	287.8	907201.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52687.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25914.1	<LOD	<LOD	<LOD	<LOD	240	15	12	<LOD	<LOD	<LOD	<LOD	2.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	317	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	179.65
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	288	288.1	913783.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47743.51	<LOD	<LOD	<LOD	<LOD	501	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	10.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	167	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	128.26
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	288.9	289	885798.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67600.84	<LOD	<LOD	<LOD	<LOD	655	<LOD	11	<LOD	<LOD	<LOD	<LOD	16.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	170	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67	202.45
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	289	289.1	914597.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80443.55	<LOD	<LOD	<LOD	<LOD	745	<LOD	21	<LOD	<LOD	<LOD	<LOD	22.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	49	<LOD	<LOD	<LOD	3059.58	<LOD	<LOD	<LOD	64	247.48
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	289.1	289.2	895797.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68453.37	<LOD	<LOD	<LOD	<LOD	545	<LOD	17	<LOD	<LOD	<LOD	<LOD	19.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	66	313.84
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	289.2	289.3	957213.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	38905.79	<LOD	<LOD	<LOD	<LOD	1169	<LOD	23	<LOD	<LOD	<LOD	<LOD	13.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	2405.3	<LOD	<LOD	<LOD	<LOD	341.73
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	289.5	289.6	949257.19	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47545.32	<LOD	<LOD	<LOD	<LOD	372	<LOD	24	<LOD	<LOD	<LOD	<LOD	7.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	80	<LOD	<LOD	<LOD	2382.42	<LOD	<LOD	<LOD	63	355.6
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	289.6	289.7	826226.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87723.75	<LOD	<LOD	<LOD	<LOD	750	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	93	157.21
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	290.5	290.6	861200.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131578.56	<LOD	<LOD	<LOD	<LOD	793	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4042.91	<LOD	<LOD	<LOD	49	138.3
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	293.4	293.5	905670.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	87536.77	<LOD	<LOD	<LOD	<LOD	531	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	182	<LOD	<LOD	<LOD	3876.55	<LOD	<LOD	<LOD	50	139.99
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	294.7	294.8	896683.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	96896.77	<LOD	<LOD	<LOD	<LOD	696	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	3858.13	<LOD	<LOD	<LOD	<LOD	184.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	300	300.1	867118.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	107891.92	<LOD	<LOD	<LOD	<LOD	311	<LOD	20	<LOD	<LOD	<LOD	<LOD	5.33	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	10194.82	<LOD	<LOD	<LOD	47	308.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	301.5	301.6	792031.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44423.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	147982.22	<LOD	<LOD	<LOD	<LOD	580	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52	352.1
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	302.7	302.8	900181.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	77879.88	<LOD	<LOD	<LOD	<LOD	553	<LOD	13	<LOD	<LOD	<LOD	<LOD	4.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40	104.18

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	303.8	303.9	850788.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	139291.17	<LOD	<LOD	<LOD	<LOD	796	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	5212.88	<LOD	<LOD	<LOD	56	129.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	304	304.1	947653.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22302.78	<LOD	<LOD	<LOD	<LOD	229	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	274	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218.34
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	305.1	305.2	957069	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23445.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	7.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	339.69
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	308	308.1	937108	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14580.76	<LOD	<LOD	<LOD	<LOD	285	<LOD	15	<LOD	<LOD	<LOD	<LOD	15.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	339.44
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	309.3	309.4	950776.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1686.14	<LOD	<LOD	<LOD	82.1	<LOD	<LOD	30610.77	<LOD	<LOD	14618.51	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	<LOD	6.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	1344.48	<LOD	116.3	<LOD	<LOD	198.62
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	310.6	310.7	937615.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22097.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25366.1	<LOD	<LOD	12100.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	464	<LOD	<LOD	<LOD	1513.32	<LOD	<LOD	<LOD	<LOD	222.52
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	312	312.1	959467.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22279.28	<LOD	<LOD	<LOD	111.01	<LOD	<LOD	13241.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	443	<LOD	<LOD	<LOD	1281.83	<LOD	<LOD	<LOD	<LOD	252.44
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	313.6	313.7	873947	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32636.96	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85155.47	<LOD	<LOD	<LOD	<LOD	605	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	471	<LOD	<LOD	<LOD	6309.15	<LOD	<LOD	<LOD	<LOD	130.15
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	315.1	315.2	797697.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36505.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152650.34	<LOD	<LOD	<LOD	<LOD	<LOD	20	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	442	<LOD	<LOD	<LOD	8844.77	<LOD	<LOD	<LOD	<LOD	134.22
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	316.5	316.6	842877.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22027.55	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124695.77	<LOD	<LOD	<LOD	<LOD	607	<LOD	22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	369	<LOD	<LOD	<LOD	6336.02	<LOD	<LOD	<LOD	<LOD	153.39
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	318	318.1	947547	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11186.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31878.63	<LOD	<LOD	5254.49	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	<LOD	3.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	242	<LOD	<LOD	<LOD	2867.76	<LOD	<LOD	<LOD	<LOD	340.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	319.5	319.6	954619.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8628.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29465.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	4.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	181	<LOD	<LOD	<LOD	1651.57	<LOD	<LOD	<LOD	<LOD	245.95
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	321	321.1	880183.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108181.32	<LOD	<LOD	<LOD	<LOD	443	<LOD	27	<LOD	<LOD	<LOD	<LOD	5.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	108	<LOD	<LOD	<LOD	6035.2	<LOD	<LOD	<LOD	<LOD	156.75
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	322.4	322.5	965881.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25583.75	<LOD	<LOD	<LOD	<LOD	500	<LOD	12	<LOD	<LOD	<LOD	<LOD	7.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	321	<LOD	<LOD	<LOD	4823.11	<LOD	<LOD	<LOD	<LOD	141.42
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	323.4	323.5	796385.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74898.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	124426.5	<LOD	<LOD	<LOD	<LOD	1243	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1098.07	<LOD	<LOD	<LOD	<LOD	<LOD
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	323.9	324	947401.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24596.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23381.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	452	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78.34
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	325.3	325.4	970136.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27609.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	30	<LOD	<LOD	<LOD	<LOD	2.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	235	<LOD	<LOD	<LOD	2307.15	<LOD	<LOD	<LOD	<LOD	147.13
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	326.7	326.8	977162.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20495.6	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	9.39	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	174	<LOD	<LOD	<LOD	2255.57	<LOD	<LOD	<LOD	<LOD	239.87
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	328	328.1	956925.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40112.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	14.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	187	<LOD	<LOD	<LOD	2368.99	<LOD	<LOD	<LOD	<LOD	225.37
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	330.9	331	963623.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23575.59	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	6.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	195	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	483.9
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	332.3	332.4	945162.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	52726.68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	<LOD	8.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	165	<LOD	<LOD	<LOD	1990.57	<LOD	<LOD	<LOD	71	193.7
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	333.7	333.8	899770.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24347.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	<LOD	10.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	189	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	97.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	335.1	335.2	884062.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33864.3	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71426.58	<LOD	<LOD	<LOD	<LOD	514	<LOD	22	<LOD	<LOD	<LOD	<LOD	14.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	64	94.44
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	336.5	336.6	946996.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20466.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	9.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	123	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	160.85
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	337.5	337.6	959941.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18061.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	<LOD	7.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	103	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	148.6
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	339	339.1	958268.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	40649.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	1781.86	<LOD	<LOD	<LOD	<LOD	201.33
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	342	342.1	950871.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24760.17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	3.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	159	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	170	<LOD	204.51
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	343.5	343.6	975498.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22237.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	11.22	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	182	<LOD	<LOD	<LOD	2142.67	<LOD	<LOD	<LOD	<LOD	339.84
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	345	345.1	967132.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15420.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39	<LOD	<LOD	<LOD	<LOD	4.79	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	275	<LOD	<LOD	<LOD	3944.11	<LOD	<LOD	<LOD	<LOD	492.73
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	346.4	346.5	968643.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13501.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	150	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	287.74
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	347.6	347.7	980093.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17107.71	<LOD	<LOD	<LOD	<LOD	<LOD	15	24	<LOD	<LOD	<LOD	<LOD	4.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	305	<LOD	<LOD	<LOD	2446.42	<LOD	<LOD	<LOD	<LOD	153.21
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	350.5	350.6	938423.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20580.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	229	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	315.88
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	351.9	352	957532.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29363.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8819.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	497	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	574.49
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	353.2	353.3	984594.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13536.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	367	<LOD	<LOD	<LOD	1991.3	<LOD	<LOD	<LOD	<LOD	254.63
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	354.7	354.8	974653.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23480.88	<LOD	<LOD	<LOD	<LOD	286	<LOD	13	<LOD	<LOD	<LOD	<LOD	2.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	323	<LOD	<LOD	<LOD	1948.99	<LOD	<LOD	<LOD	33	72.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	356	356.1	980180.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16623.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	4.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	382	<LOD	<LOD	<LOD	2533.66	<LOD	<LOD	<LOD	<LOD	347.58
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	357.3	357.4	963945.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32434.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	12.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	202	<LOD	<LOD	<LOD	2689.14	<LOD	<LOD	<LOD	130	372.27
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	358.7	358.8	918079.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48674.32	<LOD	<LOD	<LOD	<LOD	359	<LOD	24	<LOD	<LOD	<LOD	<LOD	4.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	157	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122	338.32
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	360.2	360.3	977199.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20084.62	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	3.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	297	<LOD	<LOD	<LOD	2354.34	<LOD	<LOD	<LOD	<LOD	238.82
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	361.5	361.6	910667.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4534.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68717.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	<LOD	4.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	177	<LOD	<LOD	<LOD	2090.82	<LOD	<LOD	<LOD	131	563.76
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	363	363.1	969909	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27650.2	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	7.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2314.73	<LOD	<LOD	<LOD	<LOD	410.12
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	363.5	363.6	979210.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19072.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13	<LOD	<LOD	<LOD	<LOD	5.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141	<LOD	<LOD	<LOD	2022.72	<LOD	<LOD	<LOD	<LOD	179.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	363.9	364	933130.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	44515.83	<LOD	<LOD	<LOD	<LOD	240	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	131	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	163.01
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	364	364.1	932596.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65512	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	234	<LOD	<LOD	<LOD	1913.33	<LOD	<LOD	<LOD	57	122.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	364.5	364.6	862409.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	117061.05	<LOD	<LOD	<LOD	<LOD	430	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63	144.36
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	365.8	365.9	829185.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141416.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	4561.12	<LOD	<LOD	<LOD	<LOD	190.76
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	367.2	367.3	900166.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91513.98	<LOD	<LOD	<LOD	<LOD	335	<LOD	13	<LOD	<LOD	<LOD	<LOD	16.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	166	<LOD	<LOD	<LOD	4729.12	<LOD	<LOD	<LOD	<LOD	161.79
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	368.6	368.7	855143.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	145	126381.28	<LOD	<LOD	<LOD	<LOD	652	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	172.18
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	370.1	370.2	911199.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	81314.52	<LOD	<LOD	<LOD	<LOD	360	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	13.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	4453.91	<LOD	<LOD	<LOD	<LOD	125.8
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	371.3	371.4	974527.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23108.11	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	5.28	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	83	<LOD	<LOD	<LOD	2263.86	<LOD	<LOD	<LOD	<LOD	220.11
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	372.7	372.8	883154.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34976.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68252.48	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	5.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	180	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	157.86
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	374	374.1	906307.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	88197.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	73.26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	29	<LOD	<LOD	<LOD	3349.17	<LOD	<LOD	<LOD	73	429.12
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	375.3	375.4	986051.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12122.64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	179	<LOD	<LOD	<LOD	2091.16	<LOD	<LOD	<LOD	<LOD	188.89
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	376.7	376.8	980397.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16537.52	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11	<LOD	<LOD	<LOD	<LOD	5.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	152	<LOD	<LOD	<LOD	2385.49	<LOD	<LOD	<LOD	<LOD	458.28
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	378.2	378.3	975772.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18506.61	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	<LOD	7.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78	<LOD	<LOD	<LOD	3868.81	<LOD	<LOD	<LOD	<LOD	331.56
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	379.6	379.7	983981.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	12721.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53	<LOD	<LOD	<LOD	<LOD	8.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	347	<LOD	<LOD	<LOD	2736.68	<LOD	<LOD	<LOD	<LOD	152.28
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	381	381.1	907803.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	82861	<LOD	<LOD	<LOD	<LOD	267	<LOD	63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	135	<LOD	<LOD	<LOD	5424.9	<LOD	<LOD	<LOD	50	412.4
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	381.2	381.3	915080.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78419.05	<LOD	<LOD	<LOD	<LOD	456	24	68	<LOD	<LOD	<LOD	<LOD	9.01	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	3530.7	<LOD	<LOD	<LOD	<LOD	446.67
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	381.95	382.05	721706	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31434.96	<LOD	<LOD	<LOD	<LOD	1096	<LOD	895	<LOD	<LOD	<LOD	<LOD	9.36	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	171	<LOD	<LOD	<LOD	111999.43	<LOD	<LOD	457	<LOD	830.5
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	385	385.1	978522.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16711.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	5.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	222	<LOD	<LOD	<LOD	3316.87	<LOD	<LOD	<LOD	<LOD	305.47
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	387	387.1	978329.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19188.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	6.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	56	<LOD	<LOD	<LOD	2211.66	<LOD	<LOD	<LOD	<LOD	495.62
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	388.5	388.6	975341.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22322.39	<LOD	<LOD	<LOD	<LOD	227	<LOD	12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	189	<LOD	<LOD	<LOD	2245.21	<LOD	<LOD	<LOD	<LOD	181.5
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	390	390.1	969419.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	27267.67	<LOD	<LOD	<LOD	<LOD	345	<LOD	23	<LOD	<LOD	<LOD	<LOD	2.73	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	217	<LOD	<LOD	<LOD	2506.55	<LOD	<LOD	<LOD	<LOD	360.18
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	392	392.1	899489.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39639.15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58076.47	<LOD	<LOD	<LOD	<LOD	612	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	528.49
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	392.6	392.7	883807.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39821.12	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50874.41	<LOD	<LOD	<LOD	<LOD	361	<LOD	13	<LOD	<LOD	<LOD	<LOD	15.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	313	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	428.22
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	393.95	394.05	910851.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	85824.6	<LOD	<LOD	<LOD	<LOD	1410	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71	<LOD	<LOD	<LOD	2092.91	<LOD	<LOD	<LOD	58	49.57
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	395.3	395.4	879771.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24134.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	91825.44	<LOD	<LOD	<LOD	<LOD	1139	<LOD	23	<LOD	<LOD	<LOD	<LOD	3.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	207.53
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	397	397.1	916758.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	79007.78	<LOD	<LOD	<LOD	<LOD	550	<LOD	36	<LOD	<LOD	<LOD	<LOD	34.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	141	<LOD	<LOD	<LOD	2641.07	<LOD	607.68	<LOD	51	235.63
Butler 3 Footwall	Niton XRF	BP12-CU09	ppm	404	404.1	942297.5	<LOD	<LOD	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31279.88	<LOD	<LOD	<LOD	<LOD	260	<LOD	32	<LOD	<LOD	<LOD	<LOD	9.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	297.82
Butler 3 South	Niton XRF	MN08-84	ppm	15	15.05	961456.69	<LOD		<LOD	<LOD		<LOD	2245.01	<LOD		<LOD	142.77		<LOD	17498.66	<LOD	<LOD	15159.79		214.02	10.19	19.74	<LOD		<LOD	<LOD	4.75	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2673.64	<LOD	216.32	<LOD	27.63	267.49
Butler 3 South	Niton XRF	MN08-84	ppm	16	16.05	907390.81	<LOD		<LOD	<LOD		<LOD	13149.63	<LOD		<LOD	162.02		<LOD	35711.3	<LOD	<LOD	39102.82		681.36	<LOD	21.74	<LOD		<LOD	<LOD	19.25	<LOD	<LOD	<LOD		<LOD		<LOD	451.64	<LOD		<LOD	2636.84	<LOD	212.57	<LOD	70.66	317.36
Butler 3 South	Niton XRF	MN08-84	ppm	19	19.05	901131.06	<LOD		<LOD	<LOD		17.28	20783.86	<LOD		<LOD	173.56		<LOD	39051.81	<LOD	<LOD	33885.76		706.97	<LOD	24.74	<LOD		<LOD	<LOD	19.58	<LOD	<LOD	<LOD		<LOD		<LOD	678.58	<LOD		<LOD	2797.24	<LOD	307.09	<LOD	86.79	335.69
Butler 3 South	Niton XRF	MN08-84	ppm	22	22.05	888075.56	<LOD		<LOD	<LOD		17.31	14475.34	<LOD		<LOD	189.9		<LOD	29522.99	<LOD	<LOD	62671.63		521.59	<LOD	25.81	<LOD		<LOD	<LOD	18.03	<LOD	<LOD	<LOD		<LOD		<LOD	520.66	<LOD		<LOD	3166.62	<LOD	329.19	<LOD	90.02	375.27
Butler 3 South	Niton XRF	MN08-84	ppm	25	25.05	918918.75	<LOD		<LOD	<LOD		18.95	9267.94	<LOD		<LOD	144.98		<LOD	25431.8	<LOD	<LOD	41783.32		648.99	<LOD	23.09	<LOD		<LOD	<LOD	18.59	<LOD	<LOD	<LOD		<LOD		<LOD	468.38	<LOD		<LOD	2583.11	<LOD	256.84	<LOD	71.73	353.98
Butler 3 South	Niton XRF	MN08-84	ppm	28	28.05	899108.69	<LOD		<LOD	<LOD		16.52	9773.5	<LOD		<LOD	122.59		<LOD	34762.93	<LOD	<LOD	51369		488.81	<LOD	24.81	<LOD		<LOD	<LOD	21.72	<LOD	<LOD	<LOD		<LOD		<LOD	402.13	<LOD		<LOD	3174.18	<LOD	263.58	<LOD	65.85	369.95
Butler 3 South	Niton XRF	MN08-84	ppm	31	31.05	885120.44	<LOD		<LOD	<LOD		<LOD	29875.31	<LOD		<LOD	202.17		<LOD	43125.76	<LOD	<LOD	34131.6		893.99	<LOD	11.36	<LOD		20.02	<LOD	32.01	<LOD	<LOD	<LOD		<LOD		<LOD	947.35	<LOD		<LOD	4174.63	<LOD	529.53	<LOD	373.9	215.71
Butler 3 South	Niton XRF	MN08-84	ppm	34	34.05	923082.69	<LOD		<LOD	<LOD		19.29	16170.27	<LOD		<LOD	129.13		<LOD	34590.48	<LOD	<LOD	20890.26		787.16	<LOD	28.98	<LOD		<LOD	<LOD	17.5	<LOD	<LOD	<LOD		<LOD		<LOD	657.93	<LOD		<LOD	2881.02	<LOD	289.35	<LOD	101.07	354.9
Butler 3 South	Niton XRF	MN08-84	ppm	37	37.05	911780.25	<LOD		<LOD	<LOD		23.84	15540.47	<LOD		<LOD	114.43		<LOD	37094.73	<LOD	<LOD	30569		763.13	<LOD	21.13	<LOD		<LOD	<LOD	19.3	<LOD	<LOD	<LOD		<LOD		<LOD	567.89	<LOD		<LOD	2761.14	<LOD	228.29	<LOD	124.59	354.88
Butler 3 South	Niton XRF	MN08-84	ppm	40	40.05	916038.56	<LOD		<LOD	<LOD		<LOD	13683.61	<LOD		<LOD	167.07		<LOD	24764.88	<LOD	<LOD	41118.77		549.28	<LOD	24.87	<LOD		<LOD	<LOD	16.39	<LOD	<LOD	<LOD		<LOD		<LOD	479.71	<LOD		<LOD	2478.94	<LOD	262.64	<LOD	106.19	298.47
Butler 3 South	Niton XRF	MN08-84	ppm	43	43.05	943456.44	<LOD		<LOD	<LOD		15.97	10691.73	<LOD		<LOD	181.84		<LOD	18507.87	<LOD	<LOD	22655.72		499.13	<LOD	20.49	<LOD		<LOD	<LOD	11.63	<LOD	<LOD	<LOD		<LOD		<LOD	626.87	<LOD		<LOD	2595.55	<LOD	314.22	<LOD	81.71	340.86
Butler 3 South	Niton XRF	MN08-84	ppm	46	46.05	914040.06	<LOD		<LOD	<LOD		19.81	12072.18	<LOD		<LOD	196.08		<LOD	34287.39	<LOD	<LOD	34003.56		798.15	11.28	27.78	<LOD		53.23	<LOD	22.39	<LOD	<LOD	<LOD		<LOD		<LOD	554.37	<LOD		<LOD	3014.21	<LOD	392.84	<LOD	174.67	331.96
Butler 3 South	Niton XRF	MN08-84	ppm	49	49.05	886839.38	<LOD		<LOD	<LOD		<LOD	30760.58	<LOD		<LOD	154.08		<LOD	49622	<LOD	<LOD	26179.25		1384.33	<LOD	31.02	<LOD		<LOD	<LOD	20.79	<LOD	<LOD	<LOD		<LOD		<LOD	833.12	<LOD		<LOD	3353.28	<LOD	268.17	<LOD	124.15	416.67
Butler 3 South	Niton XRF	MN08-84	ppm	52	52.05	920703.44	<LOD		<LOD	<LOD		14.52	13095.03	<LOD		<LOD	106.25		<LOD	30646.56	<LOD	<LOD	31002.27		567.26	<LOD	19	<LOD		<LOD	<LOD	14.2	<LOD	<LOD	<LOD		<LOD		<LOD	438.43	<LOD		<LOD	2497.16	<LOD	262.61	<LOD	96.79	314.52
Butler 3 South	Niton XRF	MN08-84	ppm	55	55.05	936557.25	<LOD		<LOD	<LOD		<LOD	14681.39	<LOD		<LOD	160.47		<LOD	27971.49	<LOD	<LOD	15873.47		646.91	<LOD	18.45	<LOD		<LOD	<LOD	19.25	<LOD	<LOD	<LOD		<LOD		<LOD	616.57	<LOD		<LOD	2754.79	<LOD	260.88	<LOD	82.67	335.32
Butler 3 South	Niton XRF	MN08-84	ppm	58	58.05	876231.38	<LOD		<LOD	<LOD		<LOD	21048.97	<LOD		<LOD	107.44		<LOD	62799.25	<LOD	<LOD	33429.78		1006.49	<LOD	21.88	<LOD		<LOD	<LOD	43.3	<LOD	<LOD	<LOD		<LOD		<LOD	671.31	<LOD		<LOD	3825.42	<LOD	256.72	<LOD	129.46	304.08
Butler 3 South	Niton XRF	MN08-84	ppm	61	61.05	939942	<LOD		<LOD	<LOD		18.92	10335.87	<LOD		<LOD	154.67		<LOD	21981.86	<LOD	<LOD	23414.1		543.44	<LOD	26.92	<LOD		<LOD	<LOD	13.54	<LOD	<LOD	<LOD		<LOD		<LOD	532.88	<LOD		<LOD	2396.4	<LOD	182.91	<LOD	97.57	348.24
Butler 3 South	Niton XRF	MN08-84	ppm	64	64.05	903946.75	<LOD		<LOD	<LOD		<LOD	17239.9	<LOD		<LOD	144.71		<LOD	43699.55	<LOD	<LOD	30262.23		767.51	12.11	21.17	<LOD		<LOD	<LOD	21.19	<LOD	<LOD	<LOD		<LOD		<LOD	614.92	<LOD		<LOD	2534.18	<LOD	270.95	<LOD	134.94	329.95
Butler 3 South	Niton XRF	MN08-84	ppm	67	67.05	931331.88	<LOD		<LOD	<LOD		<LOD	12015.71	<LOD		<LOD	133.76		<LOD	27191.18	<LOD	<LOD	25250.35		600.52	<LOD	19.56	<LOD		<LOD	<LOD	14.68	<LOD	<LOD	<LOD		<LOD		<LOD	394.67	<LOD		<LOD	2362.23	<LOD	259.41	<LOD	132.33	287.15
Butler 3 South	Niton XRF	MN08-84	ppm	70	70.05	923573.25	<LOD		<LOD	<LOD		<LOD	15466.39	<LOD		<LOD	122.37		<LOD	32468.62	<LOD	<LOD	23873.11		762.24	<LOD	19.15	<LOD		<LOD	<LOD	16.73	<LOD	<LOD	<LOD		<LOD		<LOD	534.25	<LOD		<LOD	2492.54	<LOD	247.92	<LOD	109.12	306.88
Butler 3 South	Niton XRF	MN08-84	ppm	73	73.05	905192.5	<LOD		<LOD	<LOD		<LOD	19905.65	<LOD		<LOD	147.84		<LOD	39495.39	<LOD	<LOD	30483.89		961.72	<LOD	22.38	<LOD		<LOD	<LOD	17.17	<LOD	<LOD	<LOD		<LOD		<LOD	513.62	<LOD		<LOD	2538.48	<LOD	242.38	<LOD	127.89	340.67
Butler 3 South	Niton XRF	MN08-84	ppm	76	76.05	910097.5	<LOD		<LOD	<LOD		15.33	16480.97	<LOD		<LOD	184.84		<LOD	41164.79	<LOD	<LOD	26739.03		1020.64	<LOD	21.83	<LOD		<LOD	<LOD	16.43	<LOD	<LOD	<LOD		<LOD		<LOD	686.7	<LOD		<LOD	2749.53	<LOD	280.57	<LOD	153.99	339.08
Butler 3 South	Niton XRF	MN08-84	ppm	79	79.05	916025.88	<LOD		<LOD	<LOD		<LOD	12818.86	<LOD		<LOD	188.82		<LOD	39534.25	<LOD	<LOD	26706.23		775.07	<LOD	15.26	<LOD		<LOD	<LOD	19.74	<LOD	<LOD	<LOD		<LOD		<LOD	549.26	<LOD		<LOD	2548.32	<LOD	290.26	<LOD	165.18	324.67
Butler 3 South	Niton XRF	MN08-84	ppm	82	82.05	912576.69	<LOD		<LOD	<LOD		<LOD	17799.99	<LOD		<LOD	123.45		<LOD	36736.3	<LOD	<LOD	28280.21		689.17	<LOD	18.7	<LOD		<LOD	<LOD	16.35	<LOD	<LOD	<LOD		<LOD		<LOD	600.36	<LOD		<LOD	2434.79	<LOD	271.92	<LOD	122.47	318.98
Butler 3 South	Niton XRF	MN08-84	ppm	85	85.05	911542.19	<LOD		<LOD	<LOD		15.67	16781.11	<LOD		<LOD	147.05		<LOD	39282.04	<LOD	<LOD	27509.55		822.52	<LOD	19.38	<LOD		<LOD	<LOD	17.66	<LOD	<LOD	<LOD		<LOD		<LOD	578.32	<LOD		<LOD	2616.13	<LOD	258.2	<LOD	96.99	313.13
Butler 3 South	Niton XRF	MN08-84	ppm	88	88.05	906440.38	<LOD		<LOD	<LOD		20.24	16685.12	<LOD		<LOD	167.61		<LOD	44035.84	<LOD	<LOD	27036		1043.84	<LOD	20.89	<LOD		<LOD	<LOD	16.19	<LOD	<LOD	<LOD		<LOD		<LOD	595.87	<LOD		<LOD	3093.38	<LOD	239.08	<LOD	157.26	362.51
Butler 3 South	Niton XRF	MN08-84	ppm	91	91.05	913688.25	<LOD		<LOD	<LOD		<LOD	17090.21	<LOD		<LOD	134.04		<LOD	38692.01	<LOD	<LOD	25099.42		921.56	<LOD	20.09	<LOD		<LOD	<LOD	13.43	<LOD	<LOD	<LOD		<LOD		<LOD	582.31	<LOD		<LOD	2744.2	<LOD	312.04	<LOD	134.48	342.89
Butler 3 South	Niton XRF	MN08-84	ppm	94	94.05	901927.56	<LOD		<LOD	<LOD		<LOD	14250.25	<LOD		<LOD	142.01		<LOD	43876.35	<LOD	<LOD	33842.38		1163.73	<LOD	19.93	<LOD		17.26	<LOD	21.24	<LOD	<LOD	<LOD		<LOD		<LOD	616.06	<LOD		<LOD	3396.33	<LOD	201.74	<LOD	156.73	368.41
Butler 3 South	Niton XRF	MN08-84	ppm	96	96.05	110570.03	<LOD		<LOD	<LOD		<LOD	8459.97	<LOD		<LOD	<LOD		<LOD	478480.19	<LOD	<LOD	30858.28		1511.37	<LOD	<LOD	<LOD		<LOD	<LOD	30.89	<LOD	365443.13	<LOD		47.86		282.93	<LOD	<LOD		<LOD	1382.18	<LOD	<LOD	<LOD	2469.14	93.37
Butler 3 South	Niton XRF	MN08-84	ppm	97	97.05	890000.69	<LOD		<LOD	<LOD		<LOD	31584.98	<LOD		<LOD	169.03		<LOD	29485.56	<LOD	<LOD	42726.46		660.69	<LOD	18.27	<LOD		25.79	<LOD	41.31	<LOD	<LOD	<LOD		<LOD		<LOD	784.38	<LOD		<LOD	3509.85	<LOD	375.61	<LOD	156.77	259.27
Butler 3 South	Niton XRF	MN08-84	ppm	100	100.05	830642.25	<LOD		<LOD	<LOD		<LOD	24654.92	<LOD		<LOD	180.56		<LOD	61478.06	<LOD	<LOD	64649.78		997.89	<LOD	17.23	<LOD		50.71	<LOD	44.2	<LOD	11071.58	<LOD		<LOD		<LOD	342.95	<LOD		<LOD	4965.51	<LOD	346.02	<LOD	319.33	225.21

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 3 South	Niton XRF	MN08-84	ppm	103	103.05	818666.31	<LOD		<LOD	<LOD		<LOD	54740.02	<LOD		<LOD	209.45		90.45	61655.76	<LOD	<LOD	39068.26		1118.75	<LOD	11.64	<LOD		66.47	<LOD	34.25	<LOD	16313.36	<LOD		<LOD		<LOD	1161.06	<LOD		<LOD	5309.69	<LOD	568.49	<LOD	795.86	174.93
Butler 3 South	Niton XRF	MN08-84	ppm	106	106.05	832648.94	<LOD		<LOD	<LOD		<LOD	32339.1	<LOD		<LOD	378.99		<LOD	70171.26	<LOD	<LOD	53564.75		2600.02	<LOD	14.59	<LOD		42.74	<LOD	55.63	<LOD	<LOD	<LOD		<LOD		<LOD	134.39	<LOD		<LOD	6613.08	<LOD	613.99	<LOD	599.84	222.62
Butler 3 South	Niton XRF	MN08-84	ppm	109	109.05	866803.5	<LOD		<LOD	<LOD		17.79	51514.54	<LOD		<LOD	272.13		<LOD	48162.01	<LOD	<LOD	19989.54		884.07	<LOD	12.43	<LOD		<LOD	<LOD	20.57	<LOD	8197.58	<LOD		<LOD		<LOD	104.03	<LOD		<LOD	3161.93	<LOD	252.33	<LOD	259.68	136.53
Butler 3 South	Niton XRF	MN08-84	ppm	112	112.05	895104.69	<LOD		<LOD	<LOD		15.75	55128.31	<LOD		<LOD	325.7		<LOD	23706.51	<LOD	<LOD	14249.81		914.55	11.66	10.45	<LOD		50.8	<LOD	8.9	<LOD	<LOD	<LOD		<LOD		<LOD	832.11	<LOD		<LOD	4472.65	<LOD	240.58	<LOD	169.44	141.54
Butler 3 South	Niton XRF	MN08-84	ppm	115	115.05	901701.13	<LOD		<LOD	<LOD		<LOD	10807.32	<LOD		<LOD	90.89		<LOD	58359.11	<LOD	<LOD	17654.1		622.24	<LOD	20.86	<LOD		<LOD	<LOD	20.23	<LOD	<LOD	<LOD		<LOD		<LOD	82.44	<LOD		<LOD	3284.47	<LOD	<LOD	<LOD	332.27	269.14
Butler 3 South	Niton XRF	MN08-84	ppm	118	118.05	841446.63	<LOD		<LOD	<LOD		<LOD	2270.97	<LOD		<LOD	<LOD		178.78	96626.57	<LOD	<LOD	12145.19		754.81	<LOD	19.12	<LOD		<LOD	<LOD	8.61	<LOD	41698.38	<LOD		<LOD		<LOD	101.77	<LOD		<LOD	3609.35	<LOD	244.53	<LOD	399.79	410.52
Butler 3 South	Niton XRF	MN08-84	ppm	121	121.05	874638	<LOD		<LOD	<LOD		14.79	2696.43	<LOD		<LOD	167.32		734.85	63289.84	<LOD	<LOD	25915.63		885.86	<LOD	19.58	<LOD		33.96	<LOD	10.3	<LOD	25788.29	<LOD		<LOD		<LOD	55.42	<LOD		<LOD	4953.69	<LOD	161.22	<LOD	181.66	302.59
Butler 3 South	Niton XRF	MN08-84	ppm	124	124.05	857034.38	<LOD		<LOD	<LOD		<LOD	1933.36	<LOD		<LOD	104.72		186.1	59019.11	<LOD	<LOD	20950.16		638.01	162.58	29	<LOD		<LOD	<LOD	13.51	<LOD	55233.66	<LOD		<LOD		<LOD	56.53	<LOD		<LOD	3739.51	<LOD	<LOD	<LOD	112.72	308.31
Butler 3 South	Niton XRF	MN08-84	ppm	127	127.05	906293.25	<LOD		<LOD	<LOD		20.41	<LOD	<LOD		<LOD	220.74		<LOD	44823.49	<LOD	<LOD	37753.97		727.6	<LOD	8.94	<LOD		<LOD	<LOD	16.53	<LOD	<LOD	<LOD		<LOD		<LOD	74.62	<LOD		<LOD	3435.97	<LOD	264.28	<LOD	225.7	302.72
Butler 3 South	Niton XRF	MN08-84	ppm	130	130.05	875061.5	<LOD		<LOD	<LOD		<LOD	30121.61	<LOD		<LOD	542.57		<LOD	63291.7	<LOD	<LOD	14511.35		1250.29	<LOD	11.71	<LOD		<LOD	<LOD	20.09	<LOD	10600.04	<LOD		<LOD		<LOD	115.14	<LOD		<LOD	3040.73	<LOD	508.42	<LOD	607.76	65.17
Butler 3 South	Niton XRF	MN08-84	ppm	133	133.05	872784.13	<LOD		<LOD	<LOD		<LOD	38783.05	<LOD		<LOD	140.56		<LOD	46176.76	<LOD	<LOD	22817.88		1062.93	<LOD	11.97	<LOD		59.12	<LOD	17.72	<LOD	9299.04	<LOD		<LOD		<LOD	443.77	<LOD		<LOD	5801.94	<LOD	384.35	<LOD	2080.6	136.06
Butler 3 South	Niton XRF	MN08-84	ppm	137	137.05	813690.06	<LOD		<LOD	<LOD		<LOD	60433.46	<LOD		<LOD	120.48		<LOD	82264.68	<LOD	<LOD	34799.84		3374.03	<LOD	<LOD	<LOD		<LOD	<LOD	31.57	<LOD	<LOD	<LOD		<LOD		<LOD	168.24	<LOD		<LOD	4123.59	<LOD	563.12	<LOD	277.5	86.31
Butler 3 South	Niton XRF	MN08-84	ppm	140	140.05	879925.44	<LOD		<LOD	<LOD		<LOD	12385.36	<LOD		<LOD	<LOD		<LOD	90083.1	<LOD	<LOD	9420.18		1310.07	<LOD	11.08	<LOD		<LOD	<LOD	5.9	<LOD	<LOD	<LOD		<LOD		<LOD	280.11	<LOD		<LOD	5464.68	<LOD	421.83	<LOD	355.6	216.92
Butler 3 South	Niton XRF	MN08-84	ppm	143	143.05	932151.44	<LOD		<LOD	<LOD		13.71	16519.64	<LOD		<LOD	197.92		<LOD	25257.17	<LOD	<LOD	21392.82		551.28	<LOD	22.59	<LOD		33.42	<LOD	15.09	<LOD	<LOD	<LOD		<LOD		<LOD	634.09	<LOD		<LOD	2533.35	<LOD	260	<LOD	69.75	337.52
Butler 3 South	Niton XRF	MN08-84	ppm	144	144.05	917462.63	<LOD		<LOD	<LOD		<LOD	11932.13	<LOD		<LOD	166.37		<LOD	16225.81	<LOD	<LOD	49924.03		343.97	<LOD	22.37	<LOD		37.6	<LOD	22.56	<LOD	<LOD	<LOD		<LOD		<LOD	591.72	<LOD		<LOD	2495.21	<LOD	353.44	<LOD	46.22	354.48
Butler 3 South	Niton XRF	MN08-84	ppm	148	148.05	920451.06	<LOD		<LOD	<LOD		15.86	11117.43	<LOD		<LOD	180.06		<LOD	15954.65	<LOD	<LOD	48028.46		290.04	<LOD	16.78	<LOD		60.89	<LOD	19.53	<LOD	<LOD	<LOD		<LOD		<LOD	576.93	<LOD		<LOD	2571.71	<LOD	359.63	<LOD	59.36	289.8
Butler 3 South	Niton XRF	MN08-84	ppm	149	149.05	941161.19	<LOD		<LOD	<LOD		<LOD	16693.49	<LOD		<LOD	162.75		<LOD	15152.45	<LOD	<LOD	22213.94		467.17	<LOD	24.84	<LOD		31.35	<LOD	11.94	<LOD	<LOD	<LOD		<LOD		<LOD	590.84	<LOD		<LOD	2757.83	<LOD	351.09	<LOD	42.19	329.08
Butler 3 South	Niton XRF	MN10-136	ppm	15	15.05	961456.69	<LOD		<LOD	<LOD		<LOD	2245.01	<LOD		<LOD	142.77		<LOD	17498.66	<LOD	<LOD	15159.79		214.02	10.19	19.74	<LOD		<LOD	<LOD	4.75	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2673.64	<LOD	216.32	<LOD	27.63	267.49
Butler 3 South	Niton XRF	MN10-136	ppm	18	18.05	916115.75	<LOD		<LOD	<LOD		14.44	3683.14	<LOD		<LOD	126.2		<LOD	40448.2	<LOD	<LOD	34504.65		564.93	<LOD	20.92	<LOD		<LOD	<LOD	14.8	<LOD	<LOD	<LOD		<LOD		<LOD	33.47	<LOD		<LOD	3873.19	<LOD	218.4	<LOD	66.04	306.37
Butler 3 South	Niton XRF	MN10-136	ppm	21	21.05	920678.69	<LOD		<LOD	<LOD		<LOD	1588.42	<LOD		<LOD	125.13		<LOD	18400.17	<LOD	<LOD	55722.4		<LOD	<LOD	12.23	<LOD		<LOD	<LOD	18.6	<LOD	<LOD	<LOD		<LOD		<LOD	86.27	<LOD		<LOD	2605.94	<LOD	347.77	<LOD	42.3	228.85
Butler 3 South	Niton XRF	MN10-136	ppm	24	24.05	906632.63	<LOD		<LOD	<LOD		<LOD	21968.49	<LOD		<LOD	116.61		<LOD	21901.76	<LOD	<LOD	42731.86		502.46	<LOD	10.92	<LOD		<LOD	<LOD	21	<LOD	<LOD	<LOD		<LOD		<LOD	330.23	<LOD		<LOD	5025.77	<LOD	544.03	<LOD	62.48	143.15
Butler 3 South	Niton XRF	MN10-136	ppm	27	27.05	899246.88	<LOD		<LOD	<LOD		<LOD	51631.52	<LOD		<LOD	146.74		<LOD	25604.63	<LOD	<LOD	15313.99		521.05	12.87	12.93	<LOD		<LOD	<LOD	9.67	<LOD	<LOD	<LOD		<LOD		<LOD	767.12	<LOD		<LOD	6089.34	<LOD	310.3	<LOD	59.86	208.56
Butler 3 South	Niton XRF	MN10-136	ppm	30	30.05	895701.19	<LOD		<LOD	<LOD		<LOD	54915.67	<LOD		<LOD	170.77		<LOD	27406.45	<LOD	<LOD	15617.07		390.75	<LOD	10.78	<LOD		16.65	<LOD	12.12	<LOD	<LOD	<LOD		<LOD		<LOD	523.23	<LOD		<LOD	4400.78	<LOD	427.19	<LOD	35.15	229.17
Butler 3 South	Niton XRF	MN10-136	ppm	33	33.05	867474.81	<LOD		<LOD	<LOD		<LOD	53047.02	<LOD		<LOD	159.81		<LOD	62481.77	<LOD	<LOD	10181.95		887.37	<LOD	9.87	<LOD		<LOD	<LOD	6.15	<LOD	<LOD	<LOD		<LOD		<LOD	529.11	<LOD		<LOD	4957.67	<LOD	<LOD	<LOD	72.79	179
Butler 3 South	Niton XRF	MN10-136	ppm	36	36.05	876600.25	<LOD		<LOD	<LOD		<LOD	27454.71	<LOD		<LOD	151.47		<LOD	79397.21	<LOD	<LOD	11437.34		1510.8	<LOD	19.42	<LOD		<LOD	<LOD	6.45	<LOD	<LOD	<LOD		<LOD		<LOD	204.67	<LOD		<LOD	2616.36	<LOD	320.25	<LOD	69.97	211.13
Butler 3 South	Niton XRF	MN10-136	ppm	39	39.05	894998.31	<LOD		<LOD	<LOD		20	60889.48	<LOD		<LOD	204.07		<LOD	28590.27	<LOD	<LOD	9657.97		<LOD	14	21.35	<LOD		<LOD	<LOD	6.51	<LOD	<LOD	<LOD		<LOD		<LOD	383.32	<LOD		<LOD	4201.74	<LOD	301.13	<LOD	48.58	221.51
Butler 3 South	Niton XRF	MN10-136	ppm	42	42.05	899077.69	<LOD		<LOD	<LOD		17.69	4136.95	<LOD		<LOD	117.27		<LOD	82236.16	<LOD	<LOD	9054.49		615.88	<LOD	8.29	<LOD		<LOD	<LOD	8.63	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3544.87	<LOD	240.25	<LOD	803.42	138.44
Butler 3 South	Niton XRF	MN10-136	ppm	45	45.05	894923.25	<LOD		<LOD	<LOD		<LOD	7966.29	<LOD		<LOD	85.52		<LOD	62628.52	<LOD	<LOD	17049.24		912.78	<LOD	21.34	<LOD		<LOD	<LOD	8.36	<LOD	10392.35	<LOD		<LOD		<LOD	84.05	<LOD		<LOD	5246.68	<LOD	242.04	<LOD	183.11	236.46
Butler 3 South	Niton XRF	MN10-136	ppm	48	48.05	930161.75	<LOD		<LOD	<LOD		16.68	2311.92	<LOD		<LOD	199.46		<LOD	34878.25	<LOD	<LOD	28619.54		268.94	17.22	14.99	<LOD		<LOD	<LOD	11.93	<LOD	<LOD	<LOD		<LOD		<LOD	76.73	<LOD		<LOD	2628.25	<LOD	376.74	<LOD	88.33	284.16
Butler 3 South	Niton XRF	MN10-136	ppm	51	51.05	883029.56	<LOD		<LOD	<LOD		<LOD	3352.3	<LOD		<LOD	231.17		<LOD	83808.43	<LOD	<LOD	24115.65		577.96	<LOD	14.84	<LOD		<LOD	<LOD	12.1	<LOD	<LOD	<LOD		<LOD		<LOD	33.03	<LOD		<LOD	3978.03	<LOD	479.66	<LOD	92.82	183.87
Butler 3 South	Niton XRF	MN10-136	ppm	54	54.05	896707.94	<LOD		<LOD	<LOD		<LOD	4703.83	<LOD		<LOD	<LOD		<LOD	92164.86	<LOD	<LOD	<LOD		1340.07	<LOD	13.96	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	29.38	<LOD		<LOD	4515.98	<LOD	183.22	<LOD	124.54	205.65
Butler 3 South	Niton XRF	MN10-136	ppm	57	57.05	867875.88	<LOD		<LOD	<LOD		<LOD	6676.42	<LOD		<LOD	<LOD		<LOD	113265.6	<LOD	<LOD	4910.37		1199.71	<LOD	17.31	<LOD		<LOD	<LOD	4.26	<LOD	<LOD	<LOD		<LOD		<LOD	33.65	<LOD		<LOD	5235.82	<LOD	254.18	<LOD	196.33	209.32
Butler 3 South	Niton XRF	MN10-136	ppm	60	60.05	843699.81	<LOD		<LOD	<LOD		<LOD	8709.76	<LOD		<LOD	<LOD		<LOD	135667.98	<LOD	<LOD	2518.06		1843.95	<LOD	9.06	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	6334.24	<LOD	553.42	<LOD	285.27	189.13
Butler 3 South	Niton XRF	MN10-136	ppm	63	63.05	912275.06	<LOD		<LOD	<LOD		13.83	1635.34	<LOD		<LOD	128.08		<LOD	50230.8	<LOD	<LOD	31584.27		481.83	13.05	17.53	<LOD		<LOD	<LOD	15.73	<LOD	<LOD	<LOD		<LOD		<LOD	43.44	<LOD		<LOD	2792.71	<LOD	354.82	<LOD	87.51	285.23
Butler 3 South	Niton XRF	MN10-136	ppm	66	66.05	936557.38	<LOD		<LOD	<LOD		<LOD	1783.89	<LOD		<LOD	117.5		<LOD	31011.96	<LOD	<LOD	27128.81		255.52	<LOD	13.52	<LOD		<LOD	<LOD	12.18	<LOD	<LOD	<LOD		<LOD		<LOD	33.06	<LOD		<LOD	2430.55	<LOD	335.54	<LOD	80	230.67
Butler 3 South	Niton XRF	MN10-136	ppm	69	69.05	908560.25	<LOD		<LOD	<LOD		<LOD	1484.78	<LOD		<LOD	143.29		<LOD	53673.7	<LOD	<LOD	31606.99		719.49	14.3	16.79	<LOD		<LOD	<LOD	13.81	<LOD	<LOD	<LOD		<LOD		<LOD	33.93	<LOD		<LOD	3021.55	<LOD	396.52	<LOD	100.98	203.16
Butler 3 South	Niton XRF	MN10-136	ppm	72	72.05	921773.63	<LOD		<LOD	<LOD		14.1	1720.82	<LOD		<LOD	231.96		<LOD	41692.18	<LOD	<LOD	30948.53		563.17	<LOD	11.04	<LOD		<LOD	<LOD	17.01	<LOD	<LOD	<LOD		<LOD		<LOD	31.73	<LOD		<LOD	2311.87	<LOD	338.47	<LOD	99.93	245.58
Butler 3 South	Niton XRF	MN10-136	ppm	75	75.05	879258.88	<LOD		<LOD	<LOD		<LOD	5550.75	<LOD		<LOD	137.22		<LOD	87935.8	<LOD	<LOD	4048.26		890.86	<LOD	11.21	<LOD		<LOD	<LOD	<LOD	<LOD	16355.89	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5160.25	<LOD	<LOD	<LOD	259.64	170.98
Butler 3 South	Niton XRF	MN10-136	ppm	78	78.05	867228.25	<LOD		<LOD	<LOD		<LOD	4513.94	<LOD		<LOD	<LOD		<LOD	117687.68	<LOD	<LOD	3532.62		1103.66	<LOD	17.63	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5068.34	<LOD	<LOD	<LOD	234.02	209.82
Butler 3 South	Niton XRF	MN10-136	ppm	81	81.05	815348.38	<LOD		<LOD	<LOD		<LOD	9289.43	<LOD		<LOD	<LOD		186.73	158366.53	<LOD	<LOD	3439.77		1951.38	<LOD	13.72	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	9945.21	<LOD	644.97	<LOD	381.21	118.9
Butler 3 South	Niton XRF	MN10-136	ppm	84	84.05	893851.88	<LOD		<LOD	<LOD		<LOD	1664.15	<LOD		<LOD	135.36		<LOD	67512.86	<LOD	<LOD	31186.77		840.48	<LOD	19.36	<LOD		<LOD	<LOD	11.9	<LOD	<LOD	<LOD		<LOD		<LOD	38.86	<LOD		<LOD	3632.07	<LOD	542.06	<LOD	173.02	354.44
Butler 3 South	Niton XRF	MN10-136	ppm	87	87.05	897465.13	<LOD		<LOD	<LOD		<LOD	9369.81	<LOD		<LOD	105.5		<LOD	73308.64	<LOD	<LOD	12808.44		607.31	<LOD	13.83	<LOD		<LOD	<LOD	5.06	<LOD	<LOD	<LOD		<LOD		<LOD	62.01	<LOD		<LOD	5666.19	<LOD	184.11	<LOD	162.45	231.6
Butler 3 South	Niton XRF	MN10-136	ppm	90	90.05	907921.88	<LOD		<LOD	<LOD		<LOD	6214.97	<LOD		<LOD	90.46		<LOD	69757.76	<LOD	<LOD	7633.36		1281.97	15.22	23	<LOD		<LOD	<LOD	6.12	<LOD	<LOD	<LOD		<LOD		<LOD	38.04	<LOD		<LOD	6378.1	<LOD	254.97	<LOD	141.39	242.7
Butler 3 South	Niton XRF	MN10-136	ppm	93	93.05	918678.81	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	114.96		<LOD	44328.2	<LOD	<LOD	29867.79		445.42	<LOD	15.44	<LOD		<LOD	<LOD	12.1	<LOD	<LOD	<LOD		<LOD		<LOD	27.77	<LOD		<LOD	4153.66	<LOD	453.17	<LOD	86.91	255.83
Butler 3 South	Niton XRF	MN10-136	ppm	96	96.05	917628.13	<LOD		<LOD	<LOD		14.61	24960.9	<LOD		<LOD	114.71		119.6	41103.22	<LOD	<LOD	10905.11		677.2	<LOD	16.01	<LOD		<LOD	<LOD	4.75	<LOD	<LOD	<LOD		<LOD		<LOD	245.71	<LOD		<LOD	3636.18	<LOD	251.43	<LOD	78.79	191.25
Butler 3 South	Niton XRF	MN10-136	ppm	99	99.05	919714.88	<LOD		<LOD	<LOD		12.7	14003.75	<LOD		<LOD	124.53		<LOD	34997.01	<LOD	<LOD	21960.25		1151.41	10.81	16.08	<LOD		19.82	<LOD	6.75	<LOD	<LOD	<LOD		<LOD		<LOD	162.77	<LOD		<LOD	3498.71	<LOD	332.15	<LOD	116.38	227.39
Butler 3 South	Niton XRF	MN10-136	ppm	102	102.05	923999.38	<LOD		<LOD	<LOD		16.49	9361.06	<LOD		<LOD	165.24		<LOD	37952.32	<LOD	<LOD	23494.21		646.81	13.4	19.34	<LOD		<LOD	<LOD	9.04	<LOD	<LOD	<LOD		<LOD		<LOD	129.22	<LOD		<LOD	3319.85	<LOD	199.25	<LOD	58.22	276.39
Butler 3 South	Niton XRF	MN10-136	ppm	105	105.05	879204.13	<LOD		<LOD	<LOD		<LOD	7896.54	<LOD		<LOD	139.4		<LOD	66435.98	<LOD	<LOD	33013.7		714.07	<LOD	15.29	<LOD		<LOD	<LOD	23.71	<LOD	<LOD	<LOD		<LOD		<LOD	69.68	<LOD		<LOD	4756.56	<LOD	398.68	<LOD	187.17	256.57
Butler 3 South	Niton XRF	MN10-136	ppm	108	108.05	890417.94	<LOD		<LOD	<LOD		<LOD	23460.95	<LOD		<LOD	118.48		<LOD	74621.05	<LOD	<LOD	5771.06		1523.28	<LOD	17.56	<LOD		<LOD	<LOD	2.75	<LOD	<LOD	<LOD		<LOD		<LOD	75.64	<LOD		<LOD	3136.57	<LOD	223.78	<LOD	218.19	147.91
Butler 3 South	Niton XRF	MN10-136	ppm	111	111.05	921531.88	<LOD		<LOD	<LOD		<LOD	5253.62	<LOD		<LOD	148.46		<LOD	57848.55	<LOD	<LOD	9846.23		727.65	<LOD	14.69	<LOD		<LOD	<LOD	5.11	<LOD	<LOD	<LOD		<LOD		<LOD	28.77	<LOD		<LOD	3893.73	<LOD	391.22	<LOD	184.76	125.36
Butler 3 South	Niton XRF	MN10-136	ppm	114	114.05	923143	<LOD		<LOD	<LOD		16.13	15524.38	<LOD		<LOD	123.77		<LOD	28827.99	<LOD	<LOD	27987.65		822.95	<LOD	14.57	<LOD		16.39	<LOD	18.17	<LOD	<LOD	<LOD		<LOD		<LOD	141.59	<LOD		<LOD	2797.75	<LOD	233.15	<LOD	95.4	237.13
Butler 3 South	Niton XRF	MN10-136	ppm	117	117.05	878195.81	<LOD		<LOD	<LOD		<LOD	5386.38	<LOD		<LOD	211.62		<LOD	70965.92	<LOD	<LOD	31357.94		777.82	<LOD	<LOD	<LOD		<LOD	<LOD	11.74	<LOD	9075.45	<LOD		<LOD		<LOD	37.86	<LOD		<LOD	3385.12	<LOD	315.28	<LOD	141.67	113.2
Butler 3 South	Niton XRF	MN10-136	ppm	120	120.05	895575.44	<LOD		<LOD	<LOD		15.23	20613.6	<LOD		<LOD	152.01		<LOD	55148.02	<LOD	<LOD	23290.6		1449.66	<LOD	18.66	<LOD		<LOD	<LOD	12.39	<LOD	<LOD	<LOD		<LOD		<LOD	137.03	<LOD		<LOD	2881.8	<LOD	187.49	<LOD	123.83	248.41
Butler 3 South	Niton XRF	MN10-136	ppm	123	123.05	853690.75	<LOD		<LOD	<LOD		15.24	2983.28	<LOD		503.05	<LOD		<LOD	89766.63	<LOD	<LOD	15046.8		643.63	<LOD	11.5	<LOD		<LOD	<LOD	12.37	<LOD	32787.5	<LOD		<LOD		<LOD	59.92	<LOD		<LOD	3547.89	<LOD	228.3	<LOD	175.14	123.03
Butler 3 South	Niton XRF	MN10-136	ppm	126	126.05	847463.75	<LOD		<LOD	<LOD		<LOD	8655.9	<LOD		<LOD	129.54		<LOD	103184.12	<LOD	<LOD	29139.21		776.77	590.34	25.69	<LOD		<LOD	<LOD	22.4	<LOD	<LOD	<LOD		<LOD		<LOD	81.98	<LOD		<LOD	9326.94	<LOD	<LOD	<LOD	230.35	197.95
Butler 3 South	Niton XRF	MN10-136	ppm	129	129.05	779570.25	<LOD		<LOD	<LOD		<LOD	2629.54	<LOD		<LOD	<LOD		<LOD	150760	<LOD	<LOD	9071.92		1934.81	<LOD	16.42	<LOD		<LOD	<LOD	6.39	<LOD	41193.12	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	13201.99	<LOD	1009.13	<LOD	485.86	113.14
Butler 3 South	Niton XRF	MN10-136	ppm	132	132.05	190491.06	<LOD		<LOD	<LOD		<LOD	3811.34	<LOD		<LOD	<LOD		10261.47	411244.59	<LOD	<LOD	5400.43		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	376849.91	<LOD		72.66		241.28	<LOD	<LOD		<LOD	1120.59	<LOD	<LOD	<LOD	291.18	19.09
Butler 3 South	Niton XRF	MN10-136	ppm	135	135.05	924045.44	<LOD		<LOD	<LOD		15.41	2810.41	<LOD		<LOD	165.48		<LOD	34260.9	<LOD	<LOD	31677.69		371.65	<LOD	15.04	<LOD		<LOD	<LOD	16.62	<LOD	<LOD	<LOD		<LOD		<LOD	77.69	<LOD		<LOD	5729.45	<LOD	398.28	<LOD	131.36	277.36
Butler 3 South	Niton XRF	MN10-136	ppm	138	138.05	880053.69	<LOD		<LOD	<LOD		<LOD	1711.03	<LOD		<LOD	<LOD		<LOD	105421.95	<LOD	<LOD	7214.38		577.43	<LOD	10.94	<LOD		<LOD	<LOD	4.95	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	3925.12	<LOD	676.82	<LOD	297.27	85.04
Butler 3 South	Niton XRF	MN10-136	ppm	141	141.05	823009.75	<LOD		<LOD	<LOD		<LOD	3735.37	<LOD		<LOD	<LOD		<LOD	128072.52	<LOD	<LOD	15308.68		654.45	<LOD	<LOD	<LOD		<LOD	<LOD	9.03	<LOD	21814.24	<LOD		<LOD		<LOD	49.5	<LOD		<LOD	6198.28	<LOD	617.58	<LOD	298.75	131.37
Butler 3 South	Niton XRF	MN10-136	ppm	145	145.05	893042.81	<LOD		<LOD	<LOD		<LOD	39721.75	<LOD		<LOD	102.93		<LOD	55641.11	<LOD	<LOD	6114.89		852.09	<LOD	11	<LOD		18.99	<LOD	5.67	<LOD	<LOD	<LOD		<LOD		<LOD	1384.61	<LOD		<LOD	2474.8	<LOD	279.95	<LOD	205.26	101.51
Butler 3 South	Niton XRF	MN10-136	ppm	148	148.05	896980	<LOD		<LOD	<LOD		<LOD	41230.01	<LOD		<LOD	112.73		<LOD	29397.61	<LOD	<LOD	21828.88		608.01	<LOD	<LOD	<LOD		20.26	<LOD	15.71	<LOD	<LOD	<LOD		<LOD		<LOD	1754.51	<LOD		<LOD	3043.68	<LOD	237.41	<LOD	103.66	131.89
Butler 3 South	Niton XRF	MN10-136	ppm	151	151.05	891618.88	<LOD		<LOD	<LOD		<LOD	41945.71	<LOD		<LOD	116.42		<LOD	41186.04	<LOD	<LOD	18753.16		653.14	<LOD	9.14	<LOD		<LOD	<LOD	17.04	<LOD	<LOD	<LOD		<LOD		<LOD	1584.98	<LOD		<LOD	3404.52	<LOD	308.36	<LOD	278.86	110.44
Butler 3 South	Niton XRF	MN10-136	ppm	154	154.05	914453.38	<LOD		<LOD	<LOD		13.25	27596.41	<LOD		<LOD	141.79		1019.07	30545.62	<LOD	<LOD	17180.24		532.68	24.56	10.42	<LOD		<LOD	<LOD	14.03	<LOD	<LOD	<LOD		<LOD		<LOD	1247.97	<LOD		<LOD	2718.8	<LOD	357.75	<LOD	136.77	132.87
Butler 3 South	Niton XRF	MN10-136	ppm	157	157.05	916374.13	<LOD		<LOD	<LOD		<LOD	2604.67	<LOD		<LOD	127.2		<LOD	23697.45	<LOD	<LOD	53319.77		345.65	<LOD	16.21	<LOD		<LOD	<LOD	18.49	<LOD	<LOD	<LOD		<LOD		<LOD	121	<LOD		<LOD	2770.82	<LOD	263.2	<LOD	110.84	147
Butler 3 South	Niton XRF	MN10-136	ppm	160	160.05	908599.19	<LOD		<LOD	<LOD		<LOD	23304.09	<LOD		<LOD	166.47		<LOD	41702.01	<LOD	<LOD	20856.49		409.6	<LOD	<LOD	<LOD		<LOD	<LOD	15.72	<LOD	<LOD	<LOD		<LOD		<LOD	1509.84	<LOD		<LOD	2825.3	<LOD	336.22	<LOD	126.45	142.02
Butler 3 South	Niton XRF	MN10-136	ppm	163	163.05	913990.19	<LOD		<LOD	<LOD		<LOD	30379	<LOD		<LOD	153.65		<LOD	34641.92	<LOD	<LOD	15411.3		713.03	<LOD	12.96	<LOD		<LOD	<LOD	10.19	<LOD	<LOD	<LOD		<LOD		<LOD	1703.2	<LOD		<LOD	2341.05	<LOD	244.88	<LOD	218.09	120.25
Butler 3 South	Niton XRF	MN10-136	ppm	166	166.05	932012.94	<LOD		<LOD	<LOD		<LOD	23219.05	<LOD		<LOD	90.97		<LOD	29570.72	<LOD	<LOD	10730.65		545.92	<LOD	10.08	<LOD		<LOD	<LOD	4.65	<LOD	<LOD	<LOD		<LOD		<LOD	1453.62	<LOD		<LOD	1904.33	<LOD	251.8	<LOD	82.79	122.49
Butler 3 South	Niton XRF	MN10-136	ppm	169	169.05	916813	<LOD		<LOD	<LOD		<LOD	23131.09	<LOD		<LOD	113.35		<LOD	35111.73	<LOD	<LOD	20055.84		451.57	<LOD	16.03	<LOD		<LOD	<LOD	11.74	<LOD	<LOD	<LOD		<LOD		<LOD	1213.19	<LOD		<LOD	2538.17	<LOD	295.05	<LOD	128.99	109.74
Butler 3 South	Niton XRF	MN10-136	ppm	172	172.05	929029.44	<LOD		<LOD	<LOD		<LOD	16627.04	<LOD		<LOD	187.34		<LOD	31827.73	<LOD	<LOD	18251.64		304.28	<LOD	10.66	<LOD		<LOD	<LOD	8.35	<LOD	<LOD	<LOD		<LOD		<LOD	1054.51	<LOD		<LOD	2172.75	<LOD	221.52	<LOD	121.04	139.56
Butler 3 South	Niton XRF	MN10-136	ppm	175	175.05	870752.56	<LOD		<LOD	<LOD		14.87	10405.79	<LOD		<LOD	<LOD		<LOD	83215.86	<LOD	<LOD	31237.2		979.67	<LOD	16.42	<LOD		<LOD	<LOD	23.41	<LOD	<LOD	<LOD		<LOD		<LOD	238.83	<LOD		<LOD	2419.64	<LOD	277.82	<LOD	209.61	124.5
Butler 3 South	Niton XRF	MN10-136	ppm	178	178.05	920679.06	<LOD		<LOD	<LOD		14.21	12837.2	<LOD		<LOD	94.72		<LOD	39358.63	<LOD	<LOD	23950.58		560.76	<LOD	13.24	<LOD		<LOD	<LOD	15.78	<LOD	<LOD	<LOD		<LOD		<LOD	679.37	<LOD		<LOD	1092.79	<LOD	333.35	<LOD	109.12	96.32
Butler 3 South	Niton XRF	MN10-136	ppm	181	181.05	951202.94	<LOD		<LOD	<LOD		<LOD	22627.06	<LOD		<LOD	143.67		<LOD	7809.6	<LOD	<LOD	15994.95		<LOD	<LOD	11.61	<LOD		15.37	<LOD	8.01	<LOD	<LOD	<LOD		<LOD		<LOD	1197.59	<LOD		<LOD	581.78	<LOD	184.7	<LOD	24.56	37.59
Butler 3 South	Niton XRF	MN10-136	ppm	184	184.05	960705.94	<LOD		<LOD	<LOD		<LOD	17063.17	<LOD		<LOD	160.57		<LOD	6865.81	<LOD	<LOD	13340.51		<LOD	<LOD	9.14	<LOD		<LOD	<LOD	4.13	<LOD	<LOD	<LOD		<LOD		<LOD	871.47	<LOD		<LOD	554.13	<LOD	177.53	<LOD	29.38	69.74
Butler 3 South	Niton XRF	MN10-136	ppm	187	187.05	919036.69	<LOD		<LOD	<LOD		<LOD	22654.37	<LOD		<LOD	168.44		<LOD	34310.95	<LOD	<LOD	18652.38		370.35	<LOD	11.42	<LOD		<LOD	<LOD	17.06	<LOD	<LOD	<LOD		<LOD		<LOD	1434.25	<LOD		<LOD	2736.94	<LOD	291.22	<LOD	130.75	122.98
Butler 3 South	Niton XRF	MN10-136	ppm	190	190.05	922462.25	<LOD		<LOD	<LOD		<LOD	29066.43	<LOD		<LOD	110.14		<LOD	24658.02	<LOD	<LOD	18375.16		656.86	<LOD	14.39	<LOD		<LOD	<LOD	12.15	<LOD	<LOD	<LOD		<LOD		<LOD	1138.01	<LOD		<LOD	3012.14	<LOD	266.91	<LOD	107.72	119.81
Butler 4	Niton XRF	BP13-CU21	ppm	14	14.1	920262.06	<LOD		<LOD		464.82	<LOD	2522.5	<LOD		<LOD	<LOD		<LOD	63233.71			9033.01		357.01	<LOD	<LOD	<LOD		<LOD	<LOD	8.76		<LOD	<LOD		<LOD		<LOD	<LOD				3597.7		<LOD	<LOD	82.76	96.38
Butler 4	Niton XRF	BP13-CU21	ppm	15	15.1	906231.81	<LOD		<LOD		426.95	<LOD	2433.83	<LOD		<LOD	114.73		<LOD	62494.17			24884.4		696.67	<LOD	<LOD	<LOD		<LOD	<LOD	11.93		<LOD	<LOD		<LOD		<LOD	<LOD				2072.4		201.15	<LOD	<LOD	94.13
Butler 4	Niton XRF	BP13-CU21	ppm	16	16.1	937099.06	<LOD		<LOD		569.04	<LOD	2795.39	<LOD		<LOD	76.6		<LOD	41020.23			14609.46		939.95	<LOD	<LOD	<LOD		<LOD	<LOD	4.58		<LOD	<LOD		<LOD		<LOD	<LOD				2508.08		141.61	<LOD	<LOD	100.85
Butler 4	Niton XRF	BP13-CU21	ppm	17	17.1	910559.63	<LOD		<LOD		543.53	<LOD	7909.21	<LOD		<LOD	113.78		<LOD	64559.16			10319.04		1086.02	<LOD	<LOD	<LOD		<LOD	<LOD	5.3		<LOD	<LOD		<LOD		<LOD	<LOD				4363.72		<LOD	<LOD	<LOD	120.47
Butler 4	Niton XRF	BP13-CU21	ppm	18	18.1	894834.63	<LOD		<LOD		774.65	<LOD	3787.41	<LOD		<LOD	<LOD		<LOD	65064.49			28595.19		1115.75	<LOD	19.03	<LOD		<LOD	<LOD	16.05		<LOD	<LOD		<LOD		<LOD	<LOD				5001.69		<LOD	<LOD	<LOD	129.43
Butler 4	Niton XRF	BP13-CU21	ppm	19	19.1	915537.13	<LOD		<LOD		264.2	<LOD	2577.35	<LOD		<LOD	<LOD		<LOD	64020.11			11563.36		1619.52	<LOD	<LOD	<LOD		<LOD	<LOD	5.69		<LOD	<LOD		<LOD		<LOD	88.75				3564.31		<LOD	<LOD	<LOD	163.2
Butler 4	Niton XRF	BP13-CU21	ppm	20	20.1	912164.25	<LOD		<LOD		446.75	<LOD	2571.78	<LOD		<LOD	<LOD		<LOD	63092.01			17749.41		947.72	<LOD	<LOD	<LOD		<LOD	<LOD	9.96		<LOD	<LOD		<LOD		<LOD	114.16				2390.85		<LOD	<LOD	74.67	92.29
Butler 4	Niton XRF	BP13-CU21	ppm	21	21.1	855773.56	<LOD		<LOD		922.21	<LOD	2737.68	<LOD		<LOD	<LOD		<LOD	86637.16			48271.09		676.65	<LOD	<LOD	<LOD		<LOD	<LOD	28.48		<LOD	<LOD		<LOD		<LOD	<LOD				4149.45		307.26	<LOD	<LOD	139.13
Butler 4	Niton XRF	BP13-CU21	ppm	22	22.1	875129.19	<LOD		<LOD		864.1	<LOD	4626.57	<LOD		<LOD	<LOD		<LOD	69278.54			43048.03		660.45	<LOD	18.02	<LOD		<LOD	<LOD	25.67		<LOD	<LOD		<LOD		<LOD	57.1				5121.77		316.7	<LOD	63.23	148.11
Butler 4	Niton XRF	BP13-CU21	ppm	23	23.1	911374.19	<LOD		<LOD		607.81	<LOD	4522.51	<LOD		<LOD	<LOD		<LOD	48266.11			31859.31		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	20.96		<LOD	<LOD		<LOD		<LOD	72.51				2410.65		250.87	<LOD	<LOD	103.12
Butler 4	Niton XRF	BP13-CU21	ppm	24	24.1	903484.19	<LOD		<LOD		633.04	<LOD	2450.84	<LOD		<LOD	<LOD		<LOD	59094.41			29669.02		624.37	<LOD	<LOD	<LOD		<LOD	<LOD	17.87		<LOD	<LOD		<LOD		<LOD	<LOD				3285.55		209.94	<LOD	84.51	96.14
Butler 4	Niton XRF	BP13-CU21	ppm	25	25.1	924592.44	<LOD		<LOD		344.11	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	42382.07			28511.33		518.95	<LOD	<LOD	<LOD		<LOD	<LOD	15.88		<LOD	<LOD		<LOD		<LOD	<LOD				1864.44		176.5	<LOD	61.5	91.71
Butler 4	Niton XRF	BP13-CU21	ppm	26	26.1	939830.94	<LOD		<LOD		207.16	<LOD	2287.3	<LOD		<LOD	<LOD		<LOD	42637.82			10426.21		437.42	<LOD	<LOD	<LOD		<LOD	<LOD	6.21		<LOD	<LOD		<LOD		<LOD	<LOD				3741.95		<LOD	<LOD	<LOD	107.97
Butler 4	Niton XRF	BP13-CU21	ppm	27	27.1	950291.69	<LOD		<LOD		249.54	<LOD	1162.22	<LOD		<LOD	<LOD		<LOD	35189.75			10670.12		518.58	<LOD	<LOD	<LOD		<LOD	<LOD	5.89		<LOD	<LOD		<LOD		<LOD	<LOD				1452.91		<LOD	<LOD	<LOD	62.37
Butler 4	Niton XRF	BP13-CU21	ppm	28	28.1	900677.94	<LOD		<LOD		687.32	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	58983.93			32664.74		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	23.36		<LOD	<LOD		<LOD		<LOD	55.76				4627.68		369.33	<LOD	<LOD	189.68
Butler 4	Niton XRF	BP13-CU21	ppm	29	29.1	932136.56	<LOD		<LOD		501.9	<LOD	2474.4	<LOD		<LOD	97.62		<LOD	33706.58			26056.58		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	13.82		<LOD	<LOD		<LOD		<LOD	67.9				4197.96		163.42	<LOD	<LOD	131.23
Butler 4	Niton XRF	BP13-CU21	ppm	30	30.1	930099.56	<LOD		<LOD		375.3	<LOD	2337.68	<LOD		<LOD	<LOD		<LOD	42406.96			19674.8		350.76	<LOD	<LOD	<LOD		<LOD	<LOD	10.94		<LOD	<LOD		<LOD		<LOD	37.49				4190.44		<LOD	<LOD	<LOD	152.52
Butler 4	Niton XRF	BP13-CU21	ppm	31	31.1	952041.38	<LOD		<LOD		402.5	<LOD	1294.09	<LOD		<LOD	161.04		<LOD	27323.63			16007.6		362.63	<LOD	<LOD	<LOD		<LOD	<LOD	8.21		<LOD	<LOD		<LOD		<LOD	<LOD				1984.83		145.27	<LOD	52.31	88.85
Butler 4	Niton XRF	BP13-CU21	ppm	32	32.1	926321.44	<LOD		<LOD		201.44	<LOD	1590.95	<LOD		<LOD	<LOD		<LOD	51338.19			17220.38		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	9.68		<LOD	<LOD		<LOD		<LOD	<LOD				2550.59		<LOD	<LOD	144.99	119.19
Butler 4	Niton XRF	BP13-CU21	ppm	33	33.1	944826.88	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	42276.05			9151.27		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	4.77		<LOD	<LOD		<LOD		<LOD	<LOD				2242.11		233.18	<LOD	92.53	57.52
Butler 4	Niton XRF	BP13-CU21	ppm	34	34.1	957874.81	<LOD		<LOD		196.26	<LOD	2361.19	<LOD		<LOD	87.23		<LOD	21565.29			15027.28		<LOD	<LOD	14.54	<LOD		<LOD	<LOD	9.82		<LOD	<LOD		<LOD		<LOD	<LOD				2419.94		135.85	<LOD	<LOD	133.39
Butler 4	Niton XRF	BP13-CU21	ppm	35	35.1	939667.06	<LOD		<LOD		<LOD	<LOD	7966.26	<LOD		<LOD	72.51		<LOD	33677.55			13999.39		342.13	<LOD	<LOD	<LOD		<LOD	<LOD	8.55		<LOD	<LOD		<LOD		<LOD	166.68				3567.15		<LOD	<LOD	<LOD	157.56
Butler 4	Niton XRF	BP13-CU21	ppm	36	36.1	938353.44	<LOD		<LOD		<LOD	<LOD	1394.92	<LOD		<LOD	<LOD		<LOD	47686.5			9717.66		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2020.24		147.03	<LOD	<LOD	82.84
Butler 4	Niton XRF	BP13-CU21	ppm	37	37.1	918113	<LOD		<LOD		342.06	<LOD	2999.34	<LOD		<LOD	107.05		<LOD	52738.83			19251.89		568.8	<LOD	<LOD	<LOD		<LOD	<LOD	11.26		<LOD	<LOD		<LOD		<LOD	43.04				5219.4		<LOD	<LOD	<LOD	156.69

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	BP13-CU21	ppm	38	38.1	899337.44	<LOD		<LOD		269.84	<LOD	2598.47	<LOD		<LOD	<LOD		<LOD	83482.96			11456.45		486.57	<LOD	<LOD	<LOD		<LOD	<LOD	6.11		<LOD	<LOD		<LOD		<LOD	<LOD				1495.95		<LOD	<LOD	106.1	82.85
Butler 4	Niton XRF	BP13-CU21	ppm	39	39.1	892255	<LOD		<LOD		442.14	<LOD	2628.43	<LOD		<LOD	109.72		<LOD	68325.1			31808.05		362.65	<LOD	<LOD	<LOD		<LOD	<LOD	15.11		<LOD	<LOD		<LOD		<LOD	<LOD				3540.83		221.7	<LOD	68.87	149.04
Butler 4	Niton XRF	BP13-CU21	ppm	40	40.1	947720.19	<LOD		<LOD		<LOD	<LOD	1739.53	<LOD		<LOD	92.84		<LOD	35924.71			12225.78		338.91	<LOD	<LOD	<LOD		<LOD	<LOD	7.35		<LOD	<LOD		<LOD		<LOD	<LOD				1528.53		<LOD	<LOD	<LOD	61.42
Butler 4	Niton XRF	BP13-CU21	ppm	41	41.1	917998.94	<LOD		<LOD		357.11	<LOD	1784.36	<LOD		<LOD	<LOD		<LOD	51539.26			23322.23		406.32	<LOD	<LOD	<LOD		<LOD	<LOD	11.72		<LOD	<LOD		<LOD		<LOD	48.64				3938.16		<LOD	<LOD	<LOD	174.9
Butler 4	Niton XRF	BP13-CU21	ppm	42	42.1	941277.25	<LOD		<LOD		202.13	<LOD	1704.49	<LOD		<LOD	107.05		<LOD	38649.73			14238.48		446.76	<LOD	<LOD	<LOD		<LOD	<LOD	7.26		<LOD	<LOD		<LOD		<LOD	<LOD				2823.39		209.89	<LOD	<LOD	186.86
Butler 4	Niton XRF	BP13-CU21	ppm	43	43.1	913980.5	<LOD		<LOD		490.99	<LOD	2057.99	<LOD		<LOD	91.13		<LOD	48306.9			30543.2		606.89	<LOD	<LOD	<LOD		<LOD	<LOD	14.89		<LOD	<LOD		<LOD		<LOD	59.52				3262.26		212.46	<LOD	<LOD	175.85
Butler 4	Niton XRF	BP13-CU21	ppm	44	44.1	940644	<LOD		<LOD		290.8	<LOD	2672.93	<LOD		<LOD	85.99		<LOD	33612.45			19726.17		698.74	<LOD	<LOD	<LOD		<LOD	<LOD	13.84		<LOD	<LOD		<LOD		<LOD	70.48				1722.73		167	<LOD	<LOD	121.05
Butler 4	Niton XRF	BP13-CU21	ppm	45	45.1	913741.94	<LOD		<LOD		424.92	<LOD	2748.04	<LOD		<LOD	<LOD		<LOD	41599.35			37328.09		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	16.91		<LOD	<LOD		<LOD		<LOD	37.76				3430.97		224.57	<LOD	82.18	106.51
Butler 4	Niton XRF	BP13-CU21	ppm	46	46.1	948536.81	<LOD		<LOD		296.39	<LOD	1847.68	<LOD		<LOD	86.63		<LOD	27091.09			17362.29		518.24	<LOD	<LOD	<LOD		<LOD	<LOD	10.77		<LOD	<LOD		<LOD		<LOD	58.8				3822.39		<LOD	<LOD	<LOD	131.2
Butler 4	Niton XRF	BP13-CU21	ppm	47	47.1	927456.19	<LOD		<LOD		399	<LOD	2109.46	<LOD		<LOD	93.26		<LOD	50808.15			14490.92		464.93	<LOD	<LOD	<LOD		<LOD	<LOD	8.64		<LOD	<LOD		<LOD		<LOD	39.42				3629.66		225.5	<LOD	<LOD	101.36
Butler 4	Niton XRF	BP13-CU21	ppm	48	48.1	940692.81	<LOD		<LOD		200.06	<LOD	956.43	<LOD		<LOD	97.05		<LOD	50300.13			5615.47		444.31	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	187.7				1075.2		144.97	<LOD	<LOD	150.5
Butler 4	Niton XRF	BP13-CU21	ppm	49	49.1	933458	<LOD		<LOD		426.9	<LOD	1830.32	<LOD		<LOD	85.48		<LOD	43528.8			17772.19		369.76	<LOD	<LOD	<LOD		<LOD	<LOD	13.39		<LOD	<LOD		<LOD		<LOD	<LOD				2024.54		150.31	<LOD	<LOD	168.14
Butler 4	Niton XRF	BP13-CU21	ppm	50	50.1	946093.75	<LOD		<LOD		267.15	<LOD	1134.55	<LOD		<LOD	82.37		<LOD	37160.91			12947.43		418.51	<LOD	<LOD	<LOD		<LOD	<LOD	8.67		<LOD	<LOD		<LOD		<LOD	<LOD				1381.71		131.17	<LOD	<LOD	179.18
Butler 4	Niton XRF	BP13-CU21	ppm	51	51.1	909965.38	<LOD		<LOD		268.62	<LOD	<LOD	<LOD		<LOD	101.69		<LOD	52663.57			32283.94		510.5	<LOD	<LOD	<LOD		<LOD	<LOD	12.76		<LOD	<LOD		<LOD		<LOD	<LOD				2454.64		223.82	<LOD	<LOD	170.1
Butler 4	Niton XRF	BP13-CU21	ppm	52	52.1	950393.25	<LOD		<LOD		<LOD	<LOD	4183.03	<LOD		<LOD	103.45		<LOD	41085.75			2845.87		338.28	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	73.75				627.45		106.11	<LOD	62.14	95.65
Butler 4	Niton XRF	BP13-CU21	ppm	53	53.1	893018.06	<LOD		<LOD		<LOD	<LOD	2033.86	<LOD		<LOD	<LOD		<LOD	97133.43			2562.35		707.97	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	47.88				3430.78		<LOD	<LOD	163.28	239.51
Butler 4	Niton XRF	BP13-CU21	ppm	54	54.1	953954	<LOD		<LOD		229.98	<LOD	1281.42	<LOD		<LOD	114.41		<LOD	28196.44			14154.04		341.16	<LOD	<LOD	<LOD		<LOD	<LOD	10.29		<LOD	<LOD		<LOD		<LOD	<LOD				1270.15		150.95	<LOD	<LOD	77.35
Butler 4	Niton XRF	BP13-CU21	ppm	55	55.1	958563.81	<LOD		<LOD		174.67	<LOD	2376.96	<LOD		<LOD	<LOD		<LOD	26691.88			8817.56		<LOD	<LOD	14.53	<LOD		<LOD	<LOD	5.72		<LOD	<LOD		<LOD		<LOD	60.62				2212.98		208.48	<LOD	<LOD	279.52
Butler 4	Niton XRF	BP13-CU21	ppm	56	56.1	939816.38	<LOD		<LOD		406.71	<LOD	1833.49	<LOD		<LOD	121		<LOD	21745.98			31901.49		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	16.07		<LOD	<LOD		<LOD		<LOD	<LOD				3225.06		176.61	<LOD	<LOD	229.35
Butler 4	Niton XRF	BP13-CU21	ppm	57	57.1	948610.81	<LOD		<LOD		209.91	<LOD	1705.24	<LOD		<LOD	233.69		<LOD	37294.97			8747.55		336.33	<LOD	<LOD	<LOD		<LOD	<LOD	5.71		<LOD	<LOD		<LOD		<LOD	<LOD				2300.01		<LOD	<LOD	52.18	88.12
Butler 4	Niton XRF	BP13-CU21	ppm	58	58.1	920648.81	<LOD		<LOD		<LOD	<LOD	931.41	<LOD		<LOD	<LOD		<LOD	69868.16			5950.39		892.98	<LOD	21.82	<LOD		<LOD	<LOD	4.74		<LOD	<LOD		<LOD		<LOD	<LOD				622.77		146.06	<LOD	125.17	268.94
Butler 4	Niton XRF	BP13-CU21	ppm	59	59.1	901139.44	<LOD		<LOD		226.47	<LOD	1275.83	<LOD		<LOD	<LOD		<LOD	85684.59			7921.16		841.01	<LOD	29.86	<LOD		<LOD	<LOD	4.57		<LOD	<LOD		<LOD		<LOD	<LOD				1596.85		<LOD	<LOD	117.06	305.52
Butler 4	Niton XRF	BP13-CU21	ppm	60	60.1	938331.75	<LOD		<LOD		382.54	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	43975.23			13588.25		686.48	<LOD	24.01	<LOD		<LOD	<LOD	10.79		<LOD	<LOD		<LOD		<LOD	<LOD				1345.24		173.88	<LOD	61.35	191.63
Butler 4	Niton XRF	BP13-CU21	ppm	61	61.1	963960.13	<LOD		<LOD		242.89	<LOD	<LOD	<LOD		<LOD	124.61		<LOD	18430.29			14513.55		<LOD	<LOD	22.08	<LOD		<LOD	<LOD	10.94		<LOD	<LOD		<LOD		<LOD	<LOD				1113.71		166.91	<LOD	<LOD	242.92
Butler 4	Niton XRF	BP13-CU21	ppm	62	62.1	952305.06	<LOD		<LOD		628.09	<LOD	<LOD	<LOD		<LOD	119		<LOD	21388.88			22358.26		<LOD	<LOD	24.7	<LOD		<LOD	<LOD	12.44		<LOD	<LOD		<LOD		<LOD	81.67				1474.27		197.17	<LOD	<LOD	253.42
Butler 4	Niton XRF	BP13-CU21	ppm	63	63.1	934058	<LOD		<LOD		221.95	<LOD	<LOD	<LOD		<LOD	103.71		<LOD	40215.04			22124.78		355.63	<LOD	24.23	<LOD		<LOD	<LOD	15.47		<LOD	<LOD		<LOD		<LOD	<LOD				1655.7		225.6	<LOD	54.36	230.3
Butler 4	Niton XRF	BP13-CU21	ppm	64	64.1	967136.25	<LOD		<LOD		<LOD	<LOD	690.99	<LOD		<LOD	137.88		<LOD	23296.13			7103.83		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	4.97		<LOD	<LOD		<LOD		<LOD	121.24				853.46		155.87	<LOD	<LOD	92.21
Butler 4	Niton XRF	BP13-CU21	ppm	65	65.1	944163.13	<LOD		<LOD		<LOD	<LOD	1737.42	<LOD		<LOD	152.56		<LOD	48710.35			<LOD		493.13	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2616.95		221.31	<LOD	68.85	99.96
Butler 4	Niton XRF	BP13-CU21	ppm	66	66.1	933019.81	<LOD		<LOD		143.17	<LOD	1167.11	<LOD		<LOD	<LOD		<LOD	57310.06			4362.45		807.33	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2562.77		238.55	<LOD	72	101.24
Butler 4	Niton XRF	BP13-CU21	ppm	67	67.1	914630	<LOD		<LOD		<LOD	<LOD	1739.13	<LOD		<LOD	165.86		<LOD	71771.48			7340.93		666.61	<LOD	<LOD	<LOD		<LOD	<LOD	4.14		<LOD	<LOD		<LOD		<LOD	<LOD				2695.3		287.7	<LOD	93.62	165.35
Butler 4	Niton XRF	BP13-CU21	ppm	68	68.1	917109.81	<LOD		<LOD		<LOD	<LOD	1505.67	<LOD		<LOD	125.38		<LOD	71380.41			5302.58		464.99	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3203.03		203.49	<LOD	74.61	102.11
Butler 4	Niton XRF	BP13-CU21	ppm	69	69.1	917862.19	<LOD		<LOD		<LOD	<LOD	1132.25	<LOD		<LOD	114.86		<LOD	71257.68			3703.26		635.35	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2192.83		287.72	<LOD	73.49	111.83
Butler 4	Niton XRF	BP13-CU21	ppm	70	70.1	885739.31	<LOD		<LOD		<LOD	<LOD	22926.71	<LOD		<LOD	224.17		<LOD	75393.34			6978.68		706.99	<LOD	18.01	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5159.54		391.21	<LOD	91.41	195.7
Butler 4	Niton XRF	BP13-CU21	ppm	70	70.1	940169.13	<LOD		<LOD		412.82	<LOD	<LOD	<LOD		<LOD	114.59		<LOD	38713.47			17085.82		<LOD	<LOD	25.62	<LOD		<LOD	<LOD	12.89		<LOD	<LOD		<LOD		<LOD	<LOD				1669.89		337.14	<LOD	53.84	280.21
Butler 4	Niton XRF	BP13-CU21	ppm	71	71.1	951653.44	<LOD		<LOD		179.15	<LOD	1266.98	<LOD		<LOD	150.65		<LOD	35329.64			8403.78		590.49	<LOD	<LOD	<LOD		<LOD	<LOD	6.25		<LOD	<LOD		<LOD		<LOD	<LOD				1957.2		159.48	<LOD	55.99	161.49
Butler 4	Niton XRF	BP13-CU21	ppm	72	72.1	954145.81	<LOD		<LOD		366.47	<LOD	<LOD	<LOD		<LOD	115.75		<LOD	26484.01			16111.77		511.96	<LOD	22.06	<LOD		<LOD	<LOD	10.62		<LOD	<LOD		<LOD		<LOD	45.17				1360.33		164.77	<LOD	<LOD	236.81
Butler 4	Niton XRF	BP13-CU21	ppm	73	73.1	893281.81	<LOD		<LOD		<LOD	<LOD	5984.38	<LOD		<LOD	202.51		<LOD	93959.8			<LOD		1209.02	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2284.54		<LOD	<LOD	101.74	96.52
Butler 4	Niton XRF	BP13-CU21	ppm	74	74.1	889826.13	<LOD		<LOD		338.9	<LOD	1565.95	<LOD		<LOD	229.78		<LOD	93908.46			8373.08		1140.4	<LOD	<LOD	<LOD		<LOD	<LOD	6.22		<LOD	<LOD		<LOD		<LOD	<LOD				3657.65		398.38	<LOD	139.37	145
Butler 4	Niton XRF	BP13-CU21	ppm	75	75.1	516171.22	<LOD		<LOD		<LOD	<LOD	31824.91	<LOD		<LOD	<LOD		<LOD	257181.02			<LOD		2339.21	42.4	<LOD	<LOD		<LOD	<LOD	9.21		184650.44	<LOD		48.99		<LOD	170.49				1925.03		<LOD	<LOD	225.39	79.58
Butler 4	Niton XRF	BP13-CU21	ppm	75	75.1	888399.88	<LOD		<LOD		204.88	<LOD	2015.87	<LOD		<LOD	143.35		<LOD	85031.46			14353.06		1206.49	<LOD	20.93	<LOD		<LOD	<LOD	11.67		<LOD	<LOD		<LOD		<LOD	<LOD				3611.39		287.06	<LOD	120.25	164.86
Butler 4	Niton XRF	BP13-CU21	ppm	76	76.1	910524.75	<LOD		<LOD		<LOD	<LOD	1791.78	<LOD		<LOD	133.15		<LOD	70646.1			6376.49		1254.57	<LOD	19.4	<LOD		<LOD	<LOD	7.7		<LOD	<LOD		<LOD		<LOD	<LOD				2096.11		171.12	<LOD	139.06	143.39
Butler 4	Niton XRF	BP13-CU21	ppm	77	77.1	904689.25	<LOD		<LOD		<LOD	<LOD	2352.69	<LOD		<LOD	148.48		<LOD	81771.02			5904.71		2220.28	<LOD	<LOD	<LOD		<LOD	<LOD	8.09		<LOD	<LOD		<LOD		<LOD	<LOD				2159.24		220.97	<LOD	114.66	119.99
Butler 4	Niton XRF	BP13-CU21	ppm	78	78.1	940952	<LOD		<LOD		234.82	<LOD	1138.19	<LOD		<LOD	144.56		<LOD	39358.96			14531.47		609.79	<LOD	<LOD	<LOD		<LOD	<LOD	11.49		<LOD	<LOD		<LOD		<LOD	<LOD				2356.16		302.68	<LOD	60.3	117.73
Butler 4	Niton XRF	BP13-CU21	ppm	79	79.1	923140.31	<LOD		<LOD		303.14	<LOD	<LOD	<LOD		<LOD	107.84		<LOD	54544.04			16329.3		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	21.65		<LOD	<LOD		<LOD		<LOD	45.17				3576.61		<LOD	<LOD	69.49	147.45
Butler 4	Niton XRF	BP13-CU21	ppm	80	80.1	887550	<LOD		<LOD		595	<LOD	<LOD	<LOD		<LOD	245.38		<LOD	70571.77			33063.46		486.06	<LOD	17.15	<LOD		<LOD	<LOD	34.2		<LOD	<LOD		<LOD		<LOD	50.17				4796.84		406.95	<LOD	77.66	302.31
Butler 4	Niton XRF	BP13-CU21	ppm	81	81.1	926210.81	<LOD		<LOD		240.89	<LOD	5323.25	<LOD		<LOD	113.34		<LOD	46117.34			18104.7		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	19.11		<LOD	<LOD		<LOD		<LOD	<LOD				2937.64		262.2	<LOD	<LOD	130.97
Butler 4	Niton XRF	BP13-CU21	ppm	82	82.1	898537.38	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	88941.48			3400.69		2094.22	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2140.18		<LOD	<LOD	98.41	114.76
Butler 4	Niton XRF	BP13-CU21	ppm	83	83.1	861028.19	<LOD		<LOD		<LOD	<LOD	1689.01	<LOD		<LOD	<LOD		<LOD	123398.28			<LOD		1731.25	<LOD	21.69	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5332.76		<LOD	<LOD	140.93	217.84
Butler 4	Niton XRF	BP13-CU21	ppm	84	84.1	925791.38	<LOD		<LOD		<LOD	<LOD	1090.38	<LOD		<LOD	133.74		<LOD	66504.01			3404.31		900.37	<LOD	<LOD	<LOD		<LOD	<LOD	5.61		<LOD	<LOD		<LOD		<LOD	43.41				1347.69		<LOD	<LOD	<LOD	118.25
Butler 4	Niton XRF	BP13-CU21	ppm	85	85.1	935991.69	<LOD		<LOD		<LOD	<LOD	2215.48	<LOD		<LOD	146.06		<LOD	55251.32			<LOD		655.63	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3586.32		275.87	<LOD	<LOD	353.47
Butler 4	Niton XRF	BP13-CU21	ppm	86	86.1	945464.94	<LOD		<LOD		<LOD	<LOD	1819.77	<LOD		<LOD	157		<LOD	47881.07			<LOD		606.48	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	46.8				3183.79		<LOD	<LOD	84.37	191.52
Butler 4	Niton XRF	BP13-CU21	ppm	87	87.1	843047.44	<LOD		<LOD		<LOD	<LOD	3115.02	<LOD		<LOD	<LOD		<LOD	130259.15			<LOD		1565.78	26.39	<LOD	<LOD		<LOD	<LOD	<LOD		18781.99	<LOD		<LOD		<LOD	<LOD				2500.2		<LOD	<LOD	96.27	93.58
Butler 4	Niton XRF	BP13-CU21	ppm	88	88.1	940486.25	<LOD		<LOD		<LOD	<LOD	1977.87	<LOD		<LOD	93.75		<LOD	50682.69			<LOD		664.59	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3937.39		<LOD	<LOD	<LOD	179.15
Butler 4	Niton XRF	BP13-CU21	ppm	89	89.1	853104.88	<LOD		<LOD		<LOD	<LOD	4794.71	<LOD		<LOD	<LOD		<LOD	134507.55			<LOD		684.67	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3548.5		<LOD	<LOD	240.96	275.86
Butler 4	Niton XRF	BP13-CU21	ppm	90	90.1	834822.06	<LOD		<LOD		<LOD	<LOD	6300.36	<LOD		<LOD	<LOD		<LOD	152542.56			<LOD		607.55	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				4589.86		<LOD	<LOD	297.47	161.21
Butler 4	Niton XRF	BP13-CU21	ppm	91	91.1	917180.69	<LOD		<LOD		<LOD	<LOD	1850.25	<LOD		<LOD	<LOD		<LOD	63330.86			<LOD		563.18	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2479.96		<LOD	<LOD	<LOD	122.66
Butler 4	Niton XRF	BP13-CU21	ppm	92	92.1	843949.94	<LOD		<LOD		<LOD	<LOD	4045.22	<LOD		<LOD	<LOD		<LOD	144394.34			<LOD		1045.56	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				4859.14		<LOD	<LOD	225.38	261.09
Butler 4	Niton XRF	BP13-CU21	ppm	93	93.1	871247.25	<LOD		<LOD		<LOD	<LOD	3517.44	<LOD		<LOD	<LOD		<LOD	115635.11			5123.47		997.87	26.38	<LOD	<LOD		<LOD	<LOD	19.34		<LOD	<LOD		<LOD		<LOD	<LOD				2452.04		<LOD	<LOD	266.97	274.9
Butler 4	Niton XRF	BP13-CU21	ppm	94	94.1	859669.56	<LOD		<LOD		<LOD	<LOD	2771.56	<LOD		<LOD	<LOD		<LOD	133782.3			<LOD		742.59	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2056.22		<LOD	<LOD	305.95	230.16
Butler 4	Niton XRF	BP13-CU21	ppm	95	95.1	920698.06	<LOD		<LOD		<LOD	<LOD	1772.7	<LOD		<LOD	<LOD		<LOD	64207.38			9607.47		1671.55	<LOD	<LOD	<LOD		<LOD	<LOD	14.43		<LOD	<LOD		<LOD		<LOD	<LOD				1428.69		<LOD	<LOD	78.35	123.38
Butler 4	Niton XRF	BP13-CU21	ppm	96	96.1	928493.88	<LOD		<LOD		<LOD	<LOD	1867.49	<LOD		<LOD	120.53		<LOD	66496.3			<LOD		793.11	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1309.7		<LOD	<LOD	76.44	107.34
Butler 4	Niton XRF	BP13-CU21	ppm	97	97.1	849669.19	<LOD		<LOD		<LOD	<LOD	1017.12	<LOD		<LOD	<LOD		<LOD	140411.36			<LOD		925.41	<LOD	<LOD	<LOD		<LOD	<LOD	5.97		<LOD	<LOD		<LOD		<LOD	<LOD				4423.64		<LOD	<LOD	107.9	254.79
Butler 4	Niton XRF	BP13-CU21	ppm	98	98.1	840430.75	<LOD		<LOD		<LOD	<LOD	1851.18	<LOD		<LOD	252.52		<LOD	147789.45			5870.02		612.68	32.88	<LOD	<LOD		<LOD	<LOD	12.23		<LOD	<LOD		<LOD		<LOD	<LOD				2387.65		263.25	<LOD	167.73	127.96
Butler 4	Niton XRF	BP13-CU21	ppm	99	99.1	838238	<LOD		<LOD		<LOD	<LOD	3761.16	<LOD		<LOD	261.63		<LOD	145746.44			4177.14		1098.13	<LOD	21.44	<LOD		<LOD	<LOD	5.23		<LOD	<LOD		<LOD		<LOD	<LOD				5379.96		<LOD	<LOD	300.87	262.69
Butler 4	Niton XRF	BP13-CU21	ppm	100	100.1	939567.69	<LOD		<LOD		<LOD	<LOD	2817.1	<LOD		<LOD	124.86		<LOD	47890.62			7036.16		393.22	<LOD	<LOD	<LOD		<LOD	<LOD	3.96		<LOD	<LOD		<LOD		<LOD	<LOD				1645.03		172.47	<LOD	65.15	123.42
Butler 4	Niton XRF	BP13-CU21	ppm	101	101.1	943517.75	<LOD		<LOD		220.2	<LOD	979	<LOD		<LOD	155.23		<LOD	48752.7			3866.33		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.2		<LOD	<LOD		<LOD		<LOD	<LOD				1874.62		<LOD	<LOD	<LOD	128.67
Butler 4	Niton XRF	BP13-CU21	ppm	102	102.1	887332.38	<LOD		<LOD		<LOD	<LOD	2588.24	<LOD		<LOD	<LOD		<LOD	98434.16			7117.93		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3640.6		<LOD	<LOD	63.88	88.56
Butler 4	Niton XRF	BP13-CU21	ppm	103	103.1	894432.44	<LOD		<LOD		191.51	<LOD	3326.6	<LOD		<LOD	129.36		<LOD	61663.09			34964.02		481.48	<LOD	32.79	<LOD		<LOD	<LOD	56.1		<LOD	<LOD		<LOD		<LOD	45.35				4263.84		<LOD	<LOD	<LOD	97.78
Butler 4	Niton XRF	BP13-CU21	ppm	104	104.1	943999	<LOD		<LOD		<LOD	<LOD	1095.3	<LOD		<LOD	107.95		<LOD	51519.1			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1262.99		161.84	<LOD	<LOD	101.44
Butler 4	Niton XRF	BP13-CU21	ppm	105	105.1	862617.06	<LOD		<LOD		198.54	<LOD	2052.28	<LOD		<LOD	<LOD		<LOD	121781.05			6848.5		487.58	<LOD	<LOD	<LOD		<LOD	<LOD	8.71		<LOD	<LOD		<LOD		<LOD	<LOD				4992.96		<LOD	<LOD	134.48	271.46
Butler 4	Niton XRF	BP13-CU21	ppm	106	106.1	917417.75	<LOD		<LOD		<LOD	<LOD	1429.43	<LOD		<LOD	<LOD		<LOD	72477.57			5444.08		383.23	<LOD	<LOD	<LOD		<LOD	<LOD	10.42		<LOD	<LOD		<LOD		<LOD	<LOD				2129.18		<LOD	<LOD	<LOD	189.45
Butler 4	Niton XRF	BP13-CU21	ppm	107	107.1	946003.94	<LOD		<LOD		<LOD	<LOD	1722.73	<LOD		<LOD	<LOD		<LOD	49704.61			<LOD		369.89	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1705.47		<LOD	<LOD	63.02	142.9
Butler 4	Niton XRF	BP13-CU21	ppm	108	108.1	885489.75	<LOD		<LOD		<LOD	<LOD	4766.28	<LOD		<LOD	<LOD		<LOD	104192.85			<LOD		1046.37	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2524.2		<LOD	<LOD	115.8	285.26
Butler 4	Niton XRF	BP13-CU21	ppm	109	109.1	836292.81	<LOD		<LOD		<LOD	<LOD	6685.16	<LOD		<LOD	<LOD		<LOD	151624.36			<LOD		622.3	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3076.57		<LOD	<LOD	220.25	294.58
Butler 4	Niton XRF	BP13-CU21	ppm	110	110.1	846108.94	<LOD		<LOD		<LOD	<LOD	3095.41	<LOD		<LOD	<LOD		<LOD	136977.22			5849.52		937.37	<LOD	20.71	<LOD		<LOD	<LOD	12.98		<LOD	<LOD		<LOD		<LOD	<LOD				5864.18		<LOD	<LOD	367.21	213.49
Butler 4	Niton XRF	BP13-CU21	ppm	111	111.1	851676.25	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	141999.48			<LOD		1214.35	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3882.21		<LOD	<LOD	251.45	176.02
Butler 4	Niton XRF	BP13-CU21	ppm	112	112.1	934420.63	<LOD		<LOD		<LOD	<LOD	5779.52	<LOD		<LOD	137.62		<LOD	56981.08			<LOD		660.63	28.52	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1191.94		177.14	<LOD	<LOD	128.49
Butler 4	Niton XRF	BP13-CU21	ppm	113	113.1	931734.88	<LOD		<LOD		166.61	<LOD	1622.21	<LOD		<LOD	106.04		<LOD	58571.02			4994.27		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.46		<LOD	<LOD		<LOD		<LOD	<LOD				2316.69		<LOD	<LOD	73.62	109.55
Butler 4	Niton XRF	BP13-CU21	ppm	114	114.1	934534.94	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	62126.9			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1675.33		183.84	<LOD	<LOD	132.89
Butler 4	Niton XRF	BP13-CU21	ppm	115	115.1	934953.25	<LOD		<LOD		<LOD	<LOD	2259.3	<LOD		<LOD	113.4		<LOD	60698.46			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1139.1		<LOD	<LOD	<LOD	95.5
Butler 4	Niton XRF	BP13-CU21	ppm	116	116.1	944461.06	<LOD		<LOD		405.92	<LOD	1157.07	<LOD		<LOD	135.61		<LOD	49169.56			2479.52		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1649.24		221.59	<LOD	<LOD	116.53
Butler 4	Niton XRF	BP13-CU21	ppm	117	117.1	933348.75	<LOD		<LOD		<LOD	<LOD	2016.82	<LOD		<LOD	<LOD		<LOD	61214.83			<LOD		<LOD	<LOD	17.3	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1651.25		<LOD	<LOD	<LOD	157.57
Butler 4	Niton XRF	BP13-CU21	ppm	118	118.1	924015.81	<LOD		<LOD		<LOD	<LOD	18459.02	<LOD		<LOD	115.09		<LOD	55351.96			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				968.02		184.09	<LOD	<LOD	149.51
Butler 4	Niton XRF	BP13-CU21	ppm	119	119.1	887118.44	<LOD		<LOD		<LOD	<LOD	6731.01	<LOD		<LOD	<LOD		<LOD	75787.62			13696.22		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	39.65		<LOD	<LOD		<LOD		<LOD	<LOD				1563.76		<LOD	<LOD	170.62	71.32
Butler 4	Niton XRF	BP13-CU21	ppm	120	120.1	899900.88	<LOD		<LOD		<LOD	<LOD	2247.94	<LOD		<LOD	<LOD		<LOD	93296.13			<LOD		490.3	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2946.67		<LOD	<LOD	85.5	120.32
Butler 4	Niton XRF	BP13-CU21	ppm	121	121.1	938504.63	<LOD		<LOD		<LOD	<LOD	1647.49	<LOD		<LOD	113.9		<LOD	55866.62			<LOD		<LOD	<LOD	16.23	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2763.45		<LOD	<LOD	<LOD	88.66
Butler 4	Niton XRF	BP13-CU21	ppm	122	122.1	820508.56	<LOD		<LOD		<LOD	<LOD	8587.56	<LOD		<LOD	<LOD		<LOD	158396.48			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5938.52		<LOD	<LOD	172.15	154.92
Butler 4	Niton XRF	BP13-CU21	ppm	123	123.1	722058.63	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		459.96	188820.72			23818.2		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	50.4		57151.48	<LOD		<LOD		<LOD	<LOD				4240.61		<LOD	<LOD	141.65	257.26
Butler 4	Niton XRF	BP13-CU21	ppm	124	124.1	710850.94	<LOD		<LOD		<LOD	<LOD	2759.97	<LOD		<LOD	<LOD		271.75	155464.63			40830.35		<LOD	72.98	25.79	<LOD		<LOD	<LOD	67.56		82049.59	<LOD		<LOD		<LOD	143.38				5367.21		<LOD	<LOD	104.58	267.89
Butler 4	Niton XRF	BP13-CU21	ppm	125	125.1	721640.25	<LOD		<LOD		<LOD	<LOD	1678.13	<LOD		<LOD	<LOD		216.5	174798.73			<LOD		530.86	<LOD	24.61	<LOD		<LOD	<LOD	<LOD		94660.84	<LOD		25.96		<LOD	<LOD				4872.05		<LOD	<LOD	159.1	203.83
Butler 4	Niton XRF	BP13-CU21	ppm	126	126.1	814656.88	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		241.34	130993.16			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		47499.26	<LOD		<LOD		<LOD	<LOD				4095		<LOD	<LOD	148.22	262.49
Butler 4	Niton XRF	BP13-CU21	ppm	127	127.1	423971.56	<LOD		<LOD		<LOD	<LOD	57444.09	<LOD		<LOD	<LOD		11656.38	237937.5			<LOD		<LOD	<LOD	26.92	<LOD		<LOD	<LOD	<LOD		264109.78	<LOD		106.39		<LOD	78.56				2892.22		<LOD	<LOD	<LOD	167
Butler 4	Niton XRF	BP13-CU21	ppm	128	128.1	566442.06	<LOD		<LOD		<LOD	<LOD	1831.36	<LOD		<LOD	<LOD		414.41	213537.2			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		214367.34	<LOD		41.01		<LOD	<LOD				1127.76		<LOD	<LOD	198.16	35.27
Butler 4	Niton XRF	BP13-CU21	ppm	129	129.1	430285.38	<LOD		<LOD		<LOD	<LOD	8951.29	<LOD		<LOD	<LOD		1759.8	264142.03			<LOD		<LOD	43.97	<LOD	<LOD		<LOD	<LOD	<LOD		291100.13	<LOD		49.13		<LOD	<LOD				1641.54		<LOD	<LOD	233.87	63.26
Butler 4	Niton XRF	BP13-CU21	ppm	130	130.1	847165.06	<LOD		<LOD		<LOD	<LOD	1019.68	<LOD		<LOD	<LOD		1765.61	105137.88			<LOD		433.75	<LOD	24.55	<LOD		<LOD	<LOD	<LOD		40088.9	<LOD		<LOD		<LOD	<LOD				3137.73		<LOD	<LOD	347.73	425.44
Butler 4	Niton XRF	BP13-CU21	ppm	131	131.1	687714.06	<LOD		<LOD		<LOD	<LOD	9510.32	<LOD		<LOD	<LOD		317.82	170680.05			<LOD		547.95	<LOD	29.09	<LOD		<LOD	<LOD	<LOD		125098.7	<LOD		25.91		<LOD	<LOD				3929.94		<LOD	<LOD	365.38	213.05
Butler 4	Niton XRF	BP13-CU21	ppm	132	132.1	638229.38	<LOD		<LOD		<LOD	<LOD	11886.49	<LOD		<LOD	<LOD		305.21	184122.33			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		163171.75	<LOD		37.81		<LOD	<LOD				1094.02		<LOD	<LOD	183.83	70.24
Butler 4	Niton XRF	BP13-CU21	ppm	133	133.1	824398.38	<LOD		<LOD		<LOD	<LOD	27255.32	<LOD		<LOD	<LOD		<LOD	95733.28			<LOD		595.05	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		49804.27	<LOD		<LOD		<LOD	<LOD				1310.64		<LOD	<LOD	137.81	337.67
Butler 4	Niton XRF	BP13-CU21	ppm	134	134.1	934037.25	<LOD		<LOD		<LOD	<LOD	3578.89	<LOD		<LOD	87.54		<LOD	48822.68			10114.96		<LOD	<LOD	30.43	<LOD		<LOD	<LOD	13.41		<LOD	<LOD		<LOD		<LOD	235.71				1865.23		<LOD	<LOD	110.22	471.44
Butler 4	Niton XRF	BP13-CU21	ppm	135	135.1	939604.81	<LOD		<LOD		<LOD	29.17	1582.97	<LOD		<LOD	93.35		<LOD	53830.75			2005.15		404.5	<LOD	27.95	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	65.84				1381.33		159.21	<LOD	149.81	406.71

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	BP13-CU21	ppm	136	136.1	965699.31	<LOD		<LOD		<LOD	<LOD	914.94	<LOD		<LOD	116.76		<LOD	30553.74			<LOD		<LOD	<LOD	28.18	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1271.7		<LOD	<LOD	79.64	470.15
Butler 4	Niton XRF	BP13-CU21	ppm	137	137.1	870169.69	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	213.46		<LOD	123864.83			<LOD		468.21	<LOD	21.79	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3730.53		<LOD	<LOD	250.85	211.87
Butler 4	Niton XRF	BP13-CU21	ppm	138	138.1	952103.5	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	86.91		<LOD	42151.07			2972.52		<LOD	22.36	19.7	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1639.01		<LOD	<LOD	<LOD	180.33
Butler 4	Niton XRF	BP13-CU21	ppm	139	139.1	853975.25	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	374.28		<LOD	137876.98			<LOD		470.17	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5964.58		372.21	<LOD	172.93	224.96
Butler 4	Niton XRF	BP13-CU21	ppm	140	140.1	848913.56	<LOD		<LOD		<LOD	<LOD	3444.63	<LOD		<LOD	<LOD		<LOD	142107.09			<LOD		755.43	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2977.74		<LOD	<LOD	301.51	365.8
Butler 4	Niton XRF	BP13-CU21	ppm	141	141.1	922211	<LOD		<LOD		<LOD	<LOD	1929.67	<LOD		<LOD	<LOD		<LOD	69438.39			2530.28		490.93	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2714.61		201.38	<LOD	112	133.09
Butler 4	Niton XRF	BP13-CU21	ppm	142	142.1	940283.25	<LOD		<LOD		232.09	<LOD	2417.44	<LOD		<LOD	95.03		<LOD	45357.7			8357.54		344.37	<LOD	15.97	<LOD		<LOD	<LOD	7.24		<LOD	<LOD		<LOD		<LOD	70.92				2215.35		<LOD	<LOD	<LOD	281.11
Butler 4	Niton XRF	BP13-CU21	ppm	143	143.1	921711.81	<LOD		<LOD		211.12	<LOD	2604.77	<LOD		<LOD	<LOD		<LOD	62640.3			9503.39		441.08	<LOD	20.12	<LOD		<LOD	<LOD	7.2		<LOD	<LOD		<LOD		<LOD	<LOD				1885.01		<LOD	<LOD	146.62	297.86
Butler 4	Niton XRF	BP13-CU21	ppm	144	144.1	940895.94	<LOD		<LOD		<LOD	<LOD	5209.78	<LOD		<LOD	96.32		<LOD	50787.84			<LOD		435.86	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	44.43				1121.06		<LOD	<LOD	98.74	255.75
Butler 4	Niton XRF	BP13-CU21	ppm	145	145.1	905785.81	<LOD		<LOD		<LOD	<LOD	4721.54	<LOD		<LOD	<LOD		<LOD	83932.43			<LOD		792.11	<LOD	23.96	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	63.23				1864.13		<LOD	<LOD	149.86	320.95
Butler 4	Niton XRF	BP13-CU21	ppm	146	146.1	926287.81	<LOD		<LOD		<LOD	<LOD	1065.6	<LOD		<LOD	<LOD		<LOD	69468.55			<LOD		412.88	<LOD	26.07	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2046.51		<LOD	<LOD	92.43	255.49
Butler 4	Niton XRF	BP13-CU21	ppm	147	147.1	934631.19	<LOD		<LOD		<LOD	<LOD	2498.79	<LOD		<LOD	146.61		<LOD	60156.99			<LOD		433.75	25.29	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1585.86		<LOD	<LOD	76.31	140.52
Butler 4	Niton XRF	BP13-CU21	ppm	148	148.1	926950.06	<LOD		<LOD		<LOD	<LOD	4843.9	<LOD		<LOD	104.2		<LOD	58648.2			6245.24		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	57.07				2322.99		<LOD	<LOD	70.64	290.52
Butler 4	Niton XRF	BP13-CU21	ppm	149	149.1	942463.75	<LOD		<LOD		<LOD	<LOD	1312.32	<LOD		<LOD	134.25		<LOD	48873.09			4588.36		<LOD	<LOD	17.53	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1861.84		<LOD	<LOD	<LOD	283.17
Butler 4	Niton XRF	BP13-CU21	ppm	150	150.1	935244.13	<LOD		<LOD		<LOD	<LOD	4096.02	<LOD		<LOD	<LOD		<LOD	57070.7			<LOD		450.1	<LOD	16.15	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1749.36		<LOD	<LOD	<LOD	280.26
Butler 4	Niton XRF	BP13-CU21	ppm	151	151.1	941360.88	<LOD		<LOD		<LOD	<LOD	3258.11	<LOD		<LOD	<LOD		<LOD	48668			4091.99		<LOD	<LOD	22.02	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	40.25				1749.19		<LOD	<LOD	63.95	289.72
Butler 4	Niton XRF	BP13-CU21	ppm	152	152.1	947604.38	<LOD		<LOD		<LOD	<LOD	992.48	<LOD		<LOD	<LOD		<LOD	48867.16			<LOD		<LOD	<LOD	19.96	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1371.99		<LOD	<LOD	59.44	229.72
Butler 4	Niton XRF	BP13-CU21	ppm	153	153.1	910791.63	<LOD		<LOD		<LOD	<LOD	2357.56	<LOD		<LOD	<LOD		<LOD	81061.76			2906.44		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1692.62		<LOD	<LOD	70.1	262.1
Butler 4	Niton XRF	BP13-CU21	ppm	154	154.1	939543.56	<LOD		<LOD		<LOD	<LOD	1374.86	<LOD		<LOD	<LOD		<LOD	53752.09			3951.06		376.03	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				577.71		<LOD	<LOD	<LOD	92.04
Butler 4	Niton XRF	BP13-CU21	ppm	155	155.1	951391.63	<LOD		<LOD		<LOD	<LOD	1334.55	<LOD		<LOD	<LOD		<LOD	41265			3428.93		392.18	<LOD	19.89	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1560.72		<LOD	<LOD	<LOD	289.68
Butler 4	Niton XRF	BP13-CU21	ppm	156	156.1	946013.25	<LOD		<LOD		<LOD	<LOD	1965.71	<LOD		<LOD	<LOD		<LOD	45123.69			4396.5		<LOD	<LOD	24.24	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1479.71		<LOD	<LOD	<LOD	289.27
Butler 4	Niton XRF	BP13-CU21	ppm	157	157.1	935286.94	<LOD		<LOD		146.76	<LOD	1176.89	<LOD		<LOD	92.03		<LOD	53098.45			6731.57		395.22	<LOD	26.95	<LOD		<LOD	<LOD	4.72		<LOD	<LOD		<LOD		<LOD	40.36				2366.46		<LOD	<LOD	57.18	307.86
Butler 4	Niton XRF	BP13-CU21	ppm	158	158.1	953069.69	<LOD		<LOD		<LOD	<LOD	797.67	<LOD		<LOD	93.15		173.92	36730.84			7333.26		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	8.77		<LOD	<LOD		<LOD		<LOD	<LOD				1115.42		<LOD	<LOD	74.28	124.16
Butler 4	Niton XRF	BP13-CU21	ppm	159	159.1	937337.5	<LOD		<LOD		<LOD	<LOD	1772.26	<LOD		<LOD	<LOD		<LOD	51984.95			6265.38		<LOD	<LOD	17	<LOD		<LOD	<LOD	7.5		<LOD	<LOD		<LOD		<LOD	<LOD				1957.81		<LOD	<LOD	58.21	308.59
Butler 4	Niton XRF	BP13-CU21	ppm	160	160.1	917396.63	<LOD		<LOD		<LOD	<LOD	1733.02	<LOD		<LOD	<LOD		<LOD	73538.23			4265.8		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	6.14		<LOD	<LOD		<LOD		<LOD	<LOD				2146.02		<LOD	<LOD	58.83	280.7
Butler 4	Niton XRF	BP13-CU21	ppm	161	161.1	930719.75	<LOD		<LOD		165.04	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	49920.99			15056.58		<LOD	<LOD	22.04	<LOD		<LOD	<LOD	34.15		<LOD	<LOD		<LOD		<LOD	<LOD				2405.71		<LOD	<LOD	<LOD	277.61
Butler 4	Niton XRF	BP13-CU21	ppm	162	162.1	945046.25	<LOD		<LOD		<LOD	<LOD	1635.45	<LOD		<LOD	<LOD		<LOD	43779.75			6459.72		<LOD	<LOD	14.78	<LOD		<LOD	<LOD	6.01		<LOD	<LOD		<LOD		<LOD	<LOD				2045.02		<LOD	<LOD	<LOD	290.76
Butler 4	Niton XRF	BP13-CU21	ppm	163	163.1	943310.31	<LOD		<LOD		<LOD	<LOD	1564.91	<LOD		<LOD	<LOD		<LOD	46331.76			6529.53		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.92		<LOD	<LOD		<LOD		<LOD	<LOD				1451.16		<LOD	<LOD	<LOD	243.14
Butler 4	Niton XRF	BP13-CU21	ppm	164	164.1	937897.81	<LOD		<LOD		<LOD	<LOD	970.67	<LOD		<LOD	<LOD		<LOD	55757.4			2552.02		<LOD	<LOD	18.66	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1679.59		<LOD	<LOD	<LOD	280.76
Butler 4	Niton XRF	BP13-CU21	ppm	165	165.1	938244.81	<LOD		<LOD		<LOD	<LOD	1360.24	<LOD		<LOD	<LOD		<LOD	58458.92			<LOD		<LOD	<LOD	16.5	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				783.84		<LOD	<LOD	<LOD	294.79
Butler 4	Niton XRF	BP13-CU21	ppm	166	166.1	949897.44	<LOD		<LOD		<LOD	<LOD	1568.05	<LOD		<LOD	<LOD		<LOD	43907.77			1983.54		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1649.11		<LOD	<LOD	<LOD	254.71
Butler 4	Niton XRF	BP13-CU21	ppm	167	167.1	949014.38	<LOD		<LOD		<LOD	<LOD	3387.4	<LOD		<LOD	<LOD		<LOD	43892.34			<LOD		<LOD	<LOD	17.53	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1682.03		<LOD	<LOD	<LOD	277.55
Butler 4	Niton XRF	BP13-CU21	ppm	168	168.1	953573.31	<LOD		<LOD		<LOD	<LOD	902.69	<LOD		<LOD	119.8		<LOD	42767.03			<LOD		<LOD	<LOD	21.49	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1691.63		<LOD	<LOD	<LOD	287.67
Butler 4	Niton XRF	BP13-CU21	ppm	169	169.1	912741.94	<LOD		<LOD		<LOD	<LOD	1508.94	<LOD		<LOD	<LOD		<LOD	82265.51			<LOD		<LOD	<LOD	16.58	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1871.47		<LOD	<LOD	68.77	306.64
Butler 4	Niton XRF	BP13-CU21	ppm	170	170.1	906773.69	<LOD		<LOD		166.62	<LOD	1693.78	<LOD		<LOD	<LOD		<LOD	85430.12			3372.18		594.97	<LOD	18.63	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	70.49				1203.34		<LOD	<LOD	81.42	270.56
Butler 4	Niton XRF	BP13-CU21	ppm	171	171.1	955625.56	<LOD		<LOD		<LOD	<LOD	1951.72	<LOD		<LOD	81.12		<LOD	34871.84			4875.51		<LOD	20.4	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1768.51		<LOD	<LOD	74.08	164.75
Butler 4	Niton XRF	BP13-CU21	ppm	172	172.1	932532.56	<LOD		<LOD		263.85	<LOD	1949.63	<LOD		<LOD	<LOD		<LOD	49756.47			12671.12		<LOD	<LOD	18.96	<LOD		<LOD	<LOD	8.36		<LOD	<LOD		<LOD		<LOD	40.73				1982.63		164	<LOD	<LOD	263.9
Butler 4	Niton XRF	BP13-CU21	ppm	173	173.1	942502.69	<LOD		<LOD		<LOD	<LOD	2807.71	<LOD		<LOD	101.07		<LOD	48718.36			3248.91		<LOD	<LOD	21.53	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1773.1		<LOD	<LOD	<LOD	291.55
Butler 4	Niton XRF	BP13-CU21	ppm	174	174.1	944402.88	<LOD		<LOD		<LOD	<LOD	1936.61	<LOD		<LOD	88.55		<LOD	43006.34			7267.29		490.61	<LOD	16.32	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2035.53		<LOD	<LOD	<LOD	278.5
Butler 4	Niton XRF	BP13-CU21	ppm	175	175.1	943280.56	<LOD		<LOD		<LOD	<LOD	1976.94	<LOD		<LOD	132.32		<LOD	50081.54			2028.1		365.77	<LOD	23.26	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	42.74				1445.98		<LOD	<LOD	<LOD	294.72
Butler 4	Niton XRF	BP13-CU21	ppm	176	176.1	938890.56	<LOD		<LOD		238.22	<LOD	1710.62	<LOD		<LOD	97.91		<LOD	47754.64			8945.14		<LOD	<LOD	17.53	<LOD		<LOD	<LOD	5		<LOD	<LOD		<LOD		<LOD	<LOD				1544.44		133.66	<LOD	<LOD	245.27
Butler 4	Niton XRF	BP13-CU21	ppm	177	177.1	916701.5	<LOD		<LOD		399.39	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	53114.02			24868.09		<LOD	<LOD	20.1	<LOD		<LOD	<LOD	11.11		<LOD	<LOD		<LOD		<LOD	<LOD				2980.68		232.26	<LOD	<LOD	280.26
Butler 4	Niton XRF	BP13-CU21	ppm	178	178.1	934068.5	<LOD		<LOD		406.8	<LOD	1223.14	<LOD		<LOD	92.16		<LOD	44678.94			16710.94		<LOD	<LOD	25.42	<LOD		<LOD	<LOD	10.42		<LOD	<LOD		<LOD		<LOD	<LOD				1935.62		155.15	<LOD	<LOD	284.33
Butler 4	Niton XRF	BP13-CU21	ppm	179	179.1	915126.63	<LOD		<LOD		<LOD	<LOD	1376.79	<LOD		<LOD	<LOD		<LOD	74101.91			5404.85		440.42	<LOD	26.04	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1743.15		<LOD	<LOD	<LOD	286.49
Butler 4	Niton XRF	BP13-CU21	ppm	180	180.1	957362.44	<LOD		<LOD		<LOD	<LOD	1629.16	<LOD		<LOD	77.03		<LOD	30507.31			7774.28		<LOD	<LOD	23.08	<LOD		<LOD	<LOD	4.87		<LOD	<LOD		<LOD		<LOD	39.06				1802.97		<LOD	<LOD	<LOD	278.88
Butler 4	Niton XRF	BP13-CU21	ppm	181	181.1	927107.38	<LOD		<LOD		150.92	<LOD	1202.55	<LOD		<LOD	<LOD		<LOD	60639.35			7523.8		347.12	<LOD	21.57	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2473.28		<LOD	<LOD	<LOD	273.11
Butler 4	Niton XRF	BP13-CU21	ppm	182	182.1	929237.81	<LOD		<LOD		<LOD	<LOD	977.38	<LOD		<LOD	<LOD		<LOD	62130.61			5184.06		<LOD	<LOD	19.62	<LOD		<LOD	<LOD	6.84		<LOD	<LOD		<LOD		<LOD	<LOD				1453.04		<LOD	<LOD	<LOD	266.96
Butler 4	Niton XRF	BP13-CU21	ppm	183	183.1	939076.75	<LOD		<LOD		<LOD	<LOD	1388.42	<LOD		<LOD	110.03		<LOD	52886.96			3468.97		353.72	<LOD	18.14	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	43.76				1906.96		<LOD	<LOD	<LOD	371.02
Butler 4	Niton XRF	BP13-CU21	ppm	184	184.1	962383.44	<LOD		<LOD		<LOD	<LOD	1344.65	<LOD		<LOD	112.2		<LOD	27023.66			6458.8		<LOD	<LOD	21.18	<LOD		<LOD	<LOD	6.02		<LOD	<LOD		<LOD		<LOD	<LOD				1898.43		<LOD	<LOD	67.2	298.09
Butler 4	Niton XRF	BP13-CU21	ppm	185	185.1	923448.56	<LOD		<LOD		150.25	<LOD	1185	<LOD		<LOD	<LOD		<LOD	65670.6			6835.24		<LOD	<LOD	30.91	<LOD		<LOD	<LOD	5.41		<LOD	<LOD		<LOD		<LOD	<LOD				1542.53		<LOD	<LOD	104.96	316.89
Butler 4	Niton XRF	BP13-CU21	ppm	186	186.1	940272.81	<LOD		<LOD		238.43	<LOD	1003.82	<LOD		<LOD	<LOD		<LOD	45610.27			9643.06		<LOD	<LOD	20.54	<LOD		<LOD	<LOD	5.21		<LOD	<LOD		<LOD		<LOD	<LOD				2454.59		<LOD	<LOD	<LOD	282.76
Butler 4	Niton XRF	BP13-CU21	ppm	187	187.1	937075.06	<LOD		<LOD		<LOD	<LOD	850.5	<LOD		<LOD	<LOD		<LOD	56754.02			2036.34		455.77	<LOD	18.76	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2178.59		<LOD	<LOD	<LOD	273.16
Butler 4	Niton XRF	BP13-CU21	ppm	188	188.1	940565.25	<LOD		<LOD		200.6	<LOD	1414.8	<LOD		<LOD	<LOD		<LOD	45526.98			9153.38		408.84	<LOD	17.84	<LOD		<LOD	<LOD	4.72		<LOD	<LOD		<LOD		<LOD	<LOD				1865.2		<LOD	<LOD	62.69	255.52
Butler 4	Niton XRF	BP13-CU21	ppm	189	189.1	949159.25	<LOD		<LOD		<LOD	<LOD	1151.72	<LOD		<LOD	<LOD		<LOD	42121.05			4912.18		<LOD	<LOD	18	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1828.08		<LOD	<LOD	<LOD	249.01
Butler 4	Niton XRF	BP13-CU21	ppm	190	190.1	948636.75	<LOD		<LOD		174.02	<LOD	1022.02	<LOD		<LOD	<LOD		<LOD	40492.85			6912.92		<LOD	<LOD	21.33	<LOD		<LOD	<LOD	5.3		<LOD	<LOD		<LOD		<LOD	<LOD				1951.77		<LOD	<LOD	<LOD	258.92
Butler 4	Niton XRF	BP13-CU21	ppm	191	191.1	941404.5	<LOD		<LOD		<LOD	<LOD	1311.55	<LOD		<LOD	<LOD		<LOD	49697.46			4005.97		389.67	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2282.24		<LOD	<LOD	<LOD	277.88
Butler 4	Niton XRF	BP13-CU21	ppm	192	192.1	952909.94	<LOD		<LOD		<LOD	<LOD	1506.92	<LOD		<LOD	135.35		<LOD	42272.23			<LOD		<LOD	<LOD	24.99	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1881.28		<LOD	<LOD	<LOD	295.65
Butler 4	Niton XRF	BP13-CU21	ppm	193	193.1	955455.5	<LOD		<LOD		<LOD	<LOD	1008.24	<LOD		<LOD	91.24		<LOD	33145.86			7303.02		<LOD	<LOD	23.5	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2034.13		<LOD	<LOD	<LOD	271.3
Butler 4	Niton XRF	BP13-CU21	ppm	194	194.1	948818.38	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	41936.71			6112.96		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	4.02		<LOD	<LOD		<LOD		<LOD	<LOD				1457.49		189.38	<LOD	71.63	207.69
Butler 4	Niton XRF	BP13-CU21	ppm	195	195.1	938651.75	<LOD		<LOD		245.8	<LOD	1377.73	<LOD		<LOD	145.66		<LOD	37648.55			18934.35		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	12.75		<LOD	<LOD		<LOD		<LOD	<LOD				2162.81		199.53	<LOD	<LOD	316.3
Butler 4	Niton XRF	BP13-CU21	ppm	196	196.1	939226.38	<LOD		<LOD		206.56	<LOD	1114.05	<LOD		<LOD	91.03		<LOD	47336.7			8845.18		367.42	<LOD	17.95	<LOD		<LOD	<LOD	7.68		<LOD	<LOD		<LOD		<LOD	<LOD				2233.34		<LOD	<LOD	67.6	261.23
Butler 4	Niton XRF	BP13-CU21	ppm	197	197.1	949564.06	<LOD		<LOD		<LOD	<LOD	635.39	<LOD		<LOD	<LOD		<LOD	45393.12			2341.39		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1320.18		<LOD	<LOD	61.73	180.03
Butler 4	Niton XRF	BP13-CU21	ppm	198	198.1	942466.56	<LOD		<LOD		<LOD	<LOD	1050.31	<LOD		<LOD	83.23		<LOD	40532.59			13030.94		<LOD	<LOD	21.41	<LOD		<LOD	<LOD	10.5		<LOD	<LOD		<LOD		<LOD	<LOD				1812.32		<LOD	<LOD	61.84	265.38
Butler 4	Niton XRF	BP13-CU21	ppm	199	199.1	937225.5	<LOD		<LOD		390.14	<LOD	1476.95	<LOD		<LOD	160.49		<LOD	43284.57			14243.73		<LOD	<LOD	17.76	<LOD		<LOD	<LOD	9.96		<LOD	<LOD		<LOD		<LOD	<LOD				1989.83		<LOD	<LOD	287.35	311.33
Butler 4	Niton XRF	BP13-CU21	ppm	200	200.1	937174.25	<LOD		<LOD		164.2	<LOD	1484.61	<LOD		<LOD	91.63		<LOD	51188.84			6492.54		<LOD	<LOD	19.04	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2363.01		<LOD	<LOD	94.59	264.49
Butler 4	Niton XRF	BP13-CU21	ppm	201	201.1	916673.19	<LOD		<LOD		398.24	<LOD	<LOD	<LOD		<LOD	130.61		<LOD	55096.34			22651.4		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	19.61		<LOD	<LOD		<LOD		<LOD	59.53				2521.34		<LOD	<LOD	76.05	244.64
Butler 4	Niton XRF	BP13-CU21	ppm	202	202.1	920719.13	<LOD		<LOD		220.74	<LOD	1737.63	<LOD		<LOD	112.35		<LOD	50140.09			21666.79		361.42	<LOD	29.55	<LOD		<LOD	<LOD	15.95		<LOD	<LOD		<LOD		<LOD	42.78				4118.69		187.55	<LOD	73.28	264.45
Butler 4	Niton XRF	BP13-CU21	ppm	203	203.1	933672.63	<LOD		<LOD		283.22	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	48951.13			12783.67		571.54	<LOD	16.02	<LOD		<LOD	<LOD	9.65		<LOD	<LOD		<LOD		<LOD	<LOD				2070.8		<LOD	<LOD	73.59	304.35
Butler 4	Niton XRF	BP13-CU21	ppm	204	204.1	927053.63	<LOD		<LOD		255.6	<LOD	5309.25	<LOD		<LOD	<LOD		<LOD	54813.57			9511.89		560.27	<LOD	<LOD	<LOD		<LOD	<LOD	7.86		<LOD	<LOD		<LOD		<LOD	43.73				1783.62		150.1	<LOD	60.72	256.66
Butler 4	Niton XRF	BP13-CU21	ppm	205	205.1	924068.13	<LOD		<LOD		403.46	<LOD	1400.38	<LOD		<LOD	<LOD		<LOD	58288.29			12571.76		<LOD	<LOD	19.99	<LOD		<LOD	<LOD	8.43		<LOD	<LOD		<LOD		<LOD	<LOD				2177.53		<LOD	<LOD	108.38	308.7
Butler 4	Niton XRF	BP13-CU21	ppm	206	206.1	942662.5	<LOD		<LOD		183.35	<LOD	1430.95	<LOD		<LOD	116.58		<LOD	37590.29			15087.87		<LOD	<LOD	21.57	<LOD		<LOD	<LOD	13.18		<LOD	<LOD		<LOD		<LOD	55.29				2015.69		<LOD	<LOD	78.92	286.02
Butler 4	Niton XRF	BP13-CU21	ppm	207	207.1	944159.75	<LOD		<LOD		<LOD	<LOD	1970.56	<LOD		<LOD	87.31		<LOD	49725.66			2191.02		425.77	<LOD	19.59	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				951.75		<LOD	<LOD	84.23	233.72
Butler 4	Niton XRF	BP13-CU21	ppm	208	208.1	921328.56	<LOD		<LOD		311.93	<LOD	1358.62	<LOD		<LOD	<LOD		<LOD	65430.02			7561.37		420.66	<LOD	17.48	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				3023.97		<LOD	<LOD	64.19	279.62
Butler 4	Niton XRF	BP13-CU21	ppm	209	209.1	916260.5	<LOD		<LOD		<LOD	<LOD	2919.16	<LOD		<LOD	<LOD		<LOD	72283.66			6390.84		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	5.12		<LOD	<LOD		<LOD		<LOD	<LOD				1165.64		<LOD	<LOD	60.55	238.97
Butler 4	Niton XRF	BP13-CU21	ppm	210	210.1	933598.69	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	63181.88			<LOD		405.72	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1455.93		<LOD	<LOD	<LOD	253.31
Butler 4	Niton XRF	BP13-CU21	ppm	211	211.1	946760.56	<LOD		<LOD		207.29	<LOD	1475.32	<LOD		<LOD	76.76		<LOD	39197.18			9887.31		364.67	<LOD	21.91	<LOD		<LOD	<LOD	9.16		<LOD	<LOD		<LOD		<LOD	<LOD				1498.45		<LOD	<LOD	67.67	282.68
Butler 4	Niton XRF	BP13-CU21	ppm	212	212.1	944325.31	<LOD		<LOD		<LOD	<LOD	1991.38	<LOD		<LOD	98.35		<LOD	28970.77			22072.28		<LOD	<LOD	18.6	<LOD		31.73	<LOD	21.18		<LOD	<LOD		<LOD		<LOD	114.69				1591.79		<LOD	<LOD	<LOD	229.38
Butler 4	Niton XRF	BP13-CU21	ppm	213	213.1	933569.31	<LOD		<LOD		<LOD	<LOD	2885.68	<LOD		<LOD	110.23		<LOD	60890.16			<LOD		411.9	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1650.63		<LOD	<LOD	55.6	243.43
Butler 4	Niton XRF	BP13-CU21	ppm	214	214.1	910894	<LOD		<LOD		388.87	<LOD	1700.84	<LOD		<LOD	<LOD		<LOD	48913.49			33990.52		547.1	<LOD	20.97	<LOD		<LOD	<LOD	19.78		<LOD	<LOD		<LOD		<LOD	66.8				2641		273.99	<LOD	<LOD	251.06
Butler 4	Niton XRF	BP13-CU21	ppm	215	215.1	896974.63	<LOD		<LOD		519.55	<LOD	<LOD	<LOD		<LOD	115.86		<LOD	46989.42			37528		389.17	<LOD	<LOD	<LOD		<LOD	<LOD	29.94		<LOD	<LOD		<LOD		<LOD	115.16				3139.45		200.96	<LOD	94.69	169.28
Butler 4	Niton XRF	BP13-CU21	ppm	216	216.1	792184.38	<LOD		<LOD		319.88	<LOD	<LOD	<LOD		<LOD	177.05		154.61	115197.63			30688.16		539.81	<LOD	<LOD	<LOD		<LOD	<LOD	18.95		55333.23	<LOD		<LOD		<LOD	66.29				2721.41		<LOD	<LOD	124.15	175.54
Butler 4	Niton XRF	BP13-CU21	ppm	217	217.1	855164.13	<LOD		<LOD		436.34	<LOD	<LOD	<LOD		<LOD	152.13		157.33	86635.41			26362.19		972.74	<LOD	<LOD	<LOD		<LOD	<LOD	17.15		23556.71	<LOD		<LOD		<LOD	50.92				3821.49		339.89	<LOD	208.34	155.43
Butler 4	Niton XRF	BP13-CU21	ppm	218	218.1	726864	<LOD		<LOD		601.31	<LOD	<LOD	<LOD		<LOD	<LOD		403.11	152237.03			18994.78		887.27	36.82	<LOD	<LOD		51.23	<LOD	26.01		92758.76	<LOD		<LOD		<LOD	64.48				4459.08		320.36	<LOD	379.66	213.77
Butler 4	Niton XRF	BP13-CU21	ppm	219	219.1	767865.63	<LOD		<LOD		229.09	<LOD	<LOD	<LOD		<LOD	246.73		1197.37	135313.3			24206.22		1324.95	<LOD	25.19	<LOD		<LOD	<LOD	28.4		62682.26	<LOD		<LOD		<LOD	<LOD				5358.71		<LOD	<LOD	358.81	245.93
Butler 4	Niton XRF	BP13-CU21	ppm	220	220.1	811781.88	<LOD		<LOD		<LOD	<LOD	1897.02	<LOD		<LOD	<LOD		327.23	137908.23			11295.12		2237.54	<LOD	41.82	<LOD		<LOD	<LOD	25.11		22700.26	<LOD		<LOD		<LOD	<LOD				9290.8		756.24	<LOD	754.1	440.69
Butler 4	Niton XRF	BP13-CU21	ppm	221	221.1	981881.88	<LOD		<LOD		<LOD	<LOD	10014.93	<LOD		<LOD	90.34		<LOD	3149.15			4280.66		<LOD	<LOD	13.78	<LOD		121.89	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	123.69				100.14		46.17	<LOD	<LOD	66.2
Butler 4	Niton XRF	BP13-CU21	ppm	222	222.1	704245.13	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	250.42		334.38	164882.56			8734.43		763.33	40.04	<LOD	<LOD		<LOD	<LOD	9		116905.43	<LOD		<LOD		<LOD	<LOD				2452.63		<LOD	<LOD	209.48	100.15
Butler 4	Niton XRF	BP13-CU21	ppm	223	223.1	852497.94	<LOD		<LOD		192.48	<LOD	2227.16	<LOD		<LOD	154.48		<LOD	90680.08			16465.76		1063.75	<LOD	<LOD	<LOD		<LOD	<LOD	18.21		31984.54	<LOD		<LOD		<LOD	<LOD				3442.15		351.74	<LOD	456.06	140.1
Butler 4	Niton XRF	BP13-CU21	ppm	224	224.1	845759.81	<LOD		<LOD		<LOD	<LOD	1120.24	<LOD		<LOD	<LOD		312.22	87843.41			<LOD		1162.69	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		57568.02	<LOD		<LOD		<LOD	<LOD				2753.93		272.28	<LOD	828.85	168.3
Butler 4	Niton XRF	BP13-CU21	ppm	225	225.1	868999.5	<LOD		<LOD		<LOD	<LOD	15623.49	<LOD		<LOD	107.88		143.37	69275.7			15011.74		2758.43	<LOD	<LOD	<LOD		138.98	<LOD	13.97		24516.1	<LOD		<LOD		<LOD	158.7				1794.91		210.46	<LOD	873.84	132.73
Butler 4	Niton XRF	BP13-CU21	ppm	226	226.1	922904.06	<LOD		<LOD		<LOD	<LOD	6522.16	<LOD		<LOD	159.2		205.15	46799.39			<LOD		868.98	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		19567.32	<LOD		<LOD		<LOD	97.98				1067.17		<LOD	<LOD	851.86	76.74
Butler 4	Niton XRF	BP13-CU21	ppm	227	227.1	845683.38	<LOD		<LOD		<LOD	<LOD	12455.28	<LOD		<LOD	<LOD		<LOD	89351.41			14648.84		2847.55	<LOD	<LOD	<LOD		73.77	<LOD	10.87		29125.34	<LOD		<LOD		<LOD	107.92				3858.74		271.96	<LOD	1040.64	118.44
Butler 4	Niton XRF	BP13-CU21	ppm	228	228.1	680725.81	<LOD		<LOD		<LOD	<LOD	24556.31	<LOD		<LOD	<LOD		<LOD	128599.12			13874.04		543.83	<LOD	<LOD	<LOD		<LOD	<LOD	9.13		148709.92	<LOD		<LOD		<LOD	<LOD				1517.69		221.58	<LOD	301.16	57.95
Butler 4	Niton XRF	BP13-CU21	ppm	229	229.1	891275.38	<LOD		<LOD		<LOD	<LOD	6973.13	<LOD		<LOD	<LOD		275.15	95059.79			<LOD		584.36	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2669.2		289.97	<LOD	792.51	154.87
Butler 4	Niton XRF	BP13-CU21	ppm	230	230.1	851721.13	<LOD		<LOD		197.27	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	97535.69			17998.63		700.95	<LOD	<LOD	<LOD		83.84	<LOD	12.27		23726.19	<LOD		<LOD		<LOD	<LOD				4407.83		481.82	<LOD	1302.34	197.03
Butler 4	Niton XRF	BP13-CU21	ppm	231	231.1	915986.19	<LOD		<LOD		<LOD	<LOD	8926.53	<LOD		<LOD	125.78		<LOD	58051.63			12028.84		454.31	<LOD	20.44	<LOD		<LOD	<LOD	4.4		<LOD	<LOD		<LOD		<LOD	<LOD				3103.25		216.32	<LOD	636.38	183.67
Butler 4	Niton XRF	BP13-CU21	ppm	232	232.1	904442.63	<LOD		<LOD		<LOD	<LOD	34841.87	<LOD		<LOD	82.26		<LOD	38254.42			18067.99		<LOD	<LOD	22.33	<LOD		114.7	<LOD	11.73		<LOD	<LOD		<LOD		<LOD	208.49				2894.64		203.83	<LOD	58.64	356.5
Butler 4	Niton XRF	BP13-CU21	ppm	233	233.1	897809.88	<LOD		<LOD		292.97	<LOD	2971.38	<LOD		<LOD	<LOD		<LOD	53569.84			40251.86		809.16	<LOD	16.5	<LOD		32.97	<LOD	29.73		<LOD	<LOD		<LOD		<LOD	63.09				2964.27		<LOD	<LOD	147.93	387.87
Butler 4	Niton XRF	BP13-CU21	ppm	234	234.1	923596.5	<LOD		<LOD		260.13	<LOD	7231.08	<LOD		<LOD	<LOD		<LOD	32440.33			32819.07		703.74	<LOD	16.88	<LOD		<LOD	<LOD	26.57		<LOD	<LOD		<LOD		<LOD	108.84				2057.06		199.45	<LOD	86.49	276.29
Butler 4	Niton XRF	BP13-CU21	ppm	235	235.1	893008.81	<LOD		<LOD		232.89	<LOD	14432.83	<LOD		<LOD	<LOD		<LOD	43266.34			44835.1		557.69	<LOD	16.05	<LOD		35.11	<LOD	37.9		<LOD	<LOD		<LOD		<LOD	80.31				2622.42		<LOD	<LOD	107.89	295.51

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	BP13-CU21	ppm	236	236.1	928460.19	<LOD		<LOD		475.6	<LOD	1686.63	<LOD		<LOD	109.69		<LOD	41714.41			23861.01		479.67	<LOD	22.29	<LOD		<LOD	<LOD	20.49		<LOD	<LOD		<LOD		<LOD	<LOD				2384.08		<LOD	<LOD	134.21	316.54
Butler 4	Niton XRF	BP13-CU21	ppm	237	237.1	897333.38	<LOD		<LOD		533.54	<LOD	4613.25	<LOD		<LOD	<LOD		<LOD	40990.84			52761.36		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	33.43		<LOD	<LOD		<LOD		<LOD	<LOD				2805.73		<LOD	<LOD	80.54	273.51
Butler 4	Niton XRF	BP13-CU21	ppm	238	238.1	899477	<LOD		<LOD		277.3	<LOD	20740.32	<LOD		<LOD	<LOD		<LOD	34346.01			42006.29		<LOD	39.14	<LOD	<LOD		<LOD	<LOD	28.68		<LOD	<LOD		<LOD		<LOD	43.06				2052.39		170.86	<LOD	65.51	223.34
Butler 4	Niton XRF	BP13-CU21	ppm	239	239.1	911328.75	<LOD		<LOD		317.07	<LOD	21999.57	<LOD		<LOD	84.46		<LOD	32701.5			29268.16		1005.86	<LOD	21.36	<LOD		<LOD	<LOD	22.32		<LOD	<LOD		<LOD		<LOD	159.23				2405.76		179.82	<LOD	101.03	289.85
Butler 4	Niton XRF	BP13-CU21	ppm	240	240.1	897161.63	<LOD		<LOD		509.18	<LOD	19153.37	<LOD		<LOD	<LOD		<LOD	43113.45			34909.1		1296.51	<LOD	17.21	<LOD		<LOD	<LOD	24.71		<LOD	<LOD		<LOD		<LOD	177.09				2956.39		166.38	<LOD	95.83	296
Butler 4	Niton XRF	BP13-CU21	ppm	241	241.1	910283.56	<LOD		<LOD		571.55	<LOD	24746.14	<LOD		<LOD	105.81		<LOD	22721.56			37291.65		741.44	<LOD	25.73	<LOD		56.83	<LOD	34.43		<LOD	<LOD		<LOD		<LOD	527.78				2274.75		242.93	<LOD	<LOD	288.38
Butler 4	Niton XRF	BP13-CU21	ppm	242	242.1	892224.19	<LOD		<LOD		362.41	<LOD	23896.63	<LOD		<LOD	108.56		<LOD	40904.08			37745.15		1444.63	<LOD	20.09	<LOD		<LOD	<LOD	34.73		<LOD	<LOD		<LOD		<LOD	246.75				2342.23		168.36	<LOD	126.67	290.26
Butler 4	Niton XRF	BP13-CU21	ppm	243	243.1	883652.19	<LOD		<LOD		463.19	<LOD	26930.1	<LOD		<LOD	<LOD		<LOD	45220.75			38787.55		1506.04	<LOD	18.67	<LOD		<LOD	<LOD	35.17		<LOD	<LOD		<LOD		<LOD	77.41				2589.22		200.4	<LOD	60.99	273.83
Butler 4	Niton XRF	BP13-CU21	ppm	244	244.1	877712.5	<LOD		<LOD		<LOD	<LOD	58048.36	<LOD		<LOD	<LOD		<LOD	49270.15			7373.88		4613.08	<LOD	26.1	<LOD		<LOD	<LOD	5.05		<LOD	<LOD		<LOD		<LOD	108.88				2029.44		170.24	<LOD	94.32	258.64
Butler 4	Niton XRF	BP13-CU21	ppm	245	245.1	909456.31	<LOD		<LOD		539.18	<LOD	23469.46	<LOD		<LOD	<LOD		<LOD	32977.64			29033.98		495.72	<LOD	19.09	<LOD		63.52	<LOD	24.36		<LOD	<LOD		<LOD		<LOD	143.03				2924.14		270.2	<LOD	68.25	306.61
Butler 4	Niton XRF	BP13-CU21	ppm	246	246.1	635643.63	<LOD		<LOD		<LOD	<LOD	287092.44	<LOD		<LOD	<LOD		<LOD	69200.59			<LOD		3805.64	<LOD	<LOD	<LOD		96.65	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	177.21				<LOD		<LOD	<LOD	168.38	<LOD
Butler 4	Niton XRF	BP13-CU21	ppm	247	247.1	897436.81	<LOD		<LOD		453.11	<LOD	23205.63	<LOD		<LOD	108.01		<LOD	40770.31			33112.78		1856.4	<LOD	<LOD	<LOD		<LOD	<LOD	31.93		<LOD	<LOD		<LOD		<LOD	95.21				2192.55		195.97	<LOD	56.93	255.46
Butler 4	Niton XRF	BP13-CU21	ppm	248	248.1	874811.38	<LOD		<LOD		1186.23	<LOD	3485.13	<LOD		<LOD	108.58		<LOD	25809.1			89847.45		871.24	<LOD	<LOD	<LOD		112.35	<LOD	40.31		<LOD	<LOD		<LOD		<LOD	145.25				2694.6		350.95	<LOD	<LOD	284.39
Butler 4	Niton XRF	BP13-CU21	ppm	249	249.1	940763.88	<LOD		<LOD		310.57	<LOD	<LOD	<LOD		<LOD	78.28		<LOD	7530.48			46427.92		<LOD	<LOD	19.64	<LOD		38.34	<LOD	19.27		<LOD	<LOD		<LOD		<LOD	37.33				2992.12		195.15	<LOD	<LOD	279.4
Butler 4	Niton XRF	BP13-CU21	ppm	250	250.1	779116.69	<LOD		<LOD		215.44	<LOD	8873.34	<LOD		<LOD	<LOD		<LOD	98179.69			30745.37		576.2	<LOD	26.74	<LOD		<LOD	<LOD	21.62		77647.44	<LOD		22.46		<LOD	79.57				3061.66		<LOD	<LOD	542.92	280.33
Butler 4	Niton XRF	BP13-CU21	ppm	251	251.1	999189.25	<LOD		<LOD		<LOD	<LOD	281.82	<LOD		<LOD	83.25		<LOD	324.2			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				<LOD		44.5	<LOD	<LOD	<LOD
Butler 4	Niton XRF	BP13-CU21	ppm	252	252.1	862312.31	<LOD		42.97		<LOD	<LOD	2877.63	<LOD		<LOD	85.92		<LOD	40868.45			37935.68		<LOD	<LOD	28.9	<LOD		41.82	<LOD	19.58		48607.52	<LOD		<LOD		<LOD	89.86				6230.63		<LOD	<LOD	<LOD	261.11
Butler 4	Niton XRF	BP13-CU21	ppm	253	253.1	965726.31	<LOD		<LOD		<LOD	<LOD	2202.02	<LOD		<LOD	94.4		<LOD	3449.51			25414.56		<LOD	<LOD	14.62	<LOD		<LOD	<LOD	10.47		<LOD	<LOD		<LOD		<LOD	86.46				2603.81		175.62	<LOD	<LOD	155.67
Butler 4	Niton XRF	BP13-CU21	ppm	254	254.1	778027.13	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD		<LOD	63202.15			51119.4		<LOD	<LOD	25.78	<LOD		71.8	<LOD	27.01		101659.54	<LOD		<LOD		<LOD	203.64				2981.23		200.47	<LOD	<LOD	232.51
Butler 4	Niton XRF	BP13-CU21	ppm	255	255.1	958341.75	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	123.58		<LOD	4401.75			33058.03		<LOD	28.45	16.64	<LOD		42.38	<LOD	15.63		<LOD	<LOD		<LOD		<LOD	79.16				2523.58		204.63	<LOD	<LOD	185.23
Butler 4	Niton XRF	BP13-CU21	ppm	256	256.1	966269.44	<LOD		<LOD		<LOD	<LOD	2360.81	<LOD		<LOD	120.95		<LOD	8441.26			16579.88		<LOD	<LOD	22.5	<LOD		<LOD	<LOD	9.51		<LOD	<LOD		<LOD		<LOD	67.77				5375.1		<LOD	<LOD	<LOD	326.99
Butler 4	Niton XRF	BP13-CU21	ppm	257	257.1	810038.44	<LOD		<LOD		533.04	<LOD	<LOD	<LOD		<LOD	241.92		<LOD	123357.84			55647.64		2347.01	<LOD	<LOD	<LOD		43.36	<LOD	60.45		<LOD	<LOD		<LOD		<LOD	96.55				4992.28		407.25	<LOD	397.34	193.52
Butler 4	Niton XRF	BP13-CU21	ppm	258	258.1	783745.75	<LOD		<LOD		910.91	<LOD	7561.22	<LOD		<LOD	<LOD		242.51	121343.95			45416.53		2510.81	<LOD	19.4	<LOD		67.55	<LOD	37.38		28803.24	<LOD		<LOD		<LOD	<LOD				7551.64		730.29	<LOD	548.14	284.96
Butler 4	Niton XRF	BP13-CU21	ppm	259	259.1	896500.25	<LOD		<LOD		<LOD	<LOD	1555.27	<LOD		<LOD	98.25		933.5	55136.2			3992.08		1099.71	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		39652.77	<LOD		<LOD		<LOD	<LOD				615.52		<LOD	<LOD	179.58	<LOD
Butler 4	Niton XRF	BP13-CU21	ppm	260	260.1	956125.69	<LOD		<LOD		<LOD	<LOD	1132.41	<LOD		<LOD	78.5		<LOD	33381.28			6961.3		1165.58	<LOD	<LOD	<LOD		<LOD	<LOD	7.12		<LOD	<LOD		<LOD		<LOD	<LOD				648.92		<LOD	<LOD	162.95	44.86
Butler 4	Niton XRF	BP13-CU21	ppm	261	261.1	994232.56	<LOD		<LOD		<LOD	<LOD	892.33	<LOD		<LOD	57.2		145.3	4483.33			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				63.3		42.69	<LOD	48.58	<LOD
Butler 4	Niton XRF	BP13-CU21	ppm	262	262.1	786279	<LOD		<LOD		<LOD	<LOD	2477.02	<LOD		<LOD	<LOD		391.69	134594.11			16253.18		1469.74	<LOD	20	<LOD		<LOD	<LOD	13.94		54528.48	<LOD		<LOD		<LOD	<LOD				2925.62		<LOD	<LOD	290.16	215.73
Butler 4	Niton XRF	BP13-CU21	ppm	263	263.1	823579.25	<LOD		<LOD		<LOD	<LOD	1699.43	<LOD		<LOD	<LOD		805.12	104183.05			10797.51		1047.93	<LOD	23.87	<LOD		<LOD	<LOD	7.9		47065.69	<LOD		<LOD		<LOD	<LOD				2557.95		<LOD	<LOD	7399.39	232.52
Butler 4	Niton XRF	BP13-CU21	ppm	264	264.1	834187	<LOD		<LOD		229.58	<LOD	<LOD	<LOD		<LOD	122.26		289.33	82199.43			28791.69		548.35	<LOD	<LOD	<LOD		48.32	<LOD	28.77		48819.64	<LOD		<LOD		<LOD	94.32				2881.62		<LOD	<LOD	84.92	300.32
Butler 4	Niton XRF	BP13-CU21	ppm	265	265.1	623652.94	127.41		<LOD		<LOD	<LOD	2661.62	49.22		<LOD	<LOD		42312.84	169817.45			<LOD		727.71	<LOD	<LOD	<LOD		<LOD	<LOD	7.18		149831.61	<LOD		<LOD		<LOD	<LOD				928.18		<LOD	<LOD	6914.81	141.69
Butler 4	Niton XRF	BP13-CU21	ppm	266	266.1	972163.44	<LOD		<LOD		<LOD	<LOD	863.11	<LOD		<LOD	82.86		<LOD	21930.59			3246.39		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				827.06		109.55	<LOD	143.05	86.54
Butler 4	Niton XRF	BP13-CU21	ppm	267	267.1	885923.25	<LOD		<LOD		<LOD	<LOD	2864.59	<LOD		<LOD	<LOD		<LOD	100499.13			5701.27		1255.42	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				2822.29		<LOD	<LOD	190.6	239.45
Butler 4	Niton XRF	BP13-CU21	ppm	268	268.1	888006.06	<LOD		<LOD		<LOD	<LOD	1324.26	<LOD		<LOD	<LOD		286.94	70992.36			17270.84		978.68	<LOD	<LOD	<LOD		<LOD	<LOD	16.17		17519.05	<LOD		<LOD		<LOD	48.05				2576.95		<LOD	<LOD	286.34	187.75
Butler 4	Niton XRF	BP13-CU21	ppm	269	269.1	901113.5	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	128.64		209.8	67207.79			20433.45		1496.65	<LOD	<LOD	<LOD		<LOD	<LOD	19.94		<LOD	<LOD		<LOD		<LOD	<LOD				2770.54		195.53	<LOD	441.39	216.76
Butler 4	Niton XRF	BP13-CU21	ppm	270	270.1	871658.5	<LOD		<LOD		176.44	<LOD	5819.48	<LOD		<LOD	<LOD		<LOD	85537.89			25720.07		4675.87	<LOD	26.66	<LOD		<LOD	<LOD	36.46		<LOD	<LOD		<LOD		<LOD	116.95				2903.87		<LOD	<LOD	232.74	195.94
Butler 4	Niton XRF	BP13-CU21	ppm	271	271.1	877070.31	<LOD		<LOD		299.2	<LOD	13134.21	<LOD		<LOD	<LOD		<LOD	71807.91			32010.02		<LOD	<LOD	16.39	<LOD		<LOD	<LOD	38.12		<LOD	<LOD		<LOD		<LOD	300.79				3776.48		221.21	<LOD	132.56	237.34
Butler 4	Niton XRF	BP13-CU21	ppm	272	272.1	859900.44	<LOD		<LOD		317.73	<LOD	28517.51	<LOD		<LOD	<LOD		<LOD	73304.2			31892.51		691.36	<LOD	<LOD	<LOD		<LOD	<LOD	40.5		<LOD	<LOD		<LOD		<LOD	439.77				3932.39		230.68	<LOD	107.02	217.35
Butler 4	Niton XRF	BP13-CU21	ppm	273	273.1	738018.06	<LOD		<LOD		417.54	<LOD	137921.83	<LOD		<LOD	163.61		<LOD	98339.2			16052.38		1352.75	<LOD	<LOD	<LOD		<LOD	<LOD	26.13		<LOD	<LOD		<LOD		<LOD	1035.94				5882.22		357.75	<LOD	146.07	111.66
Butler 4	Niton XRF	BP13-CU21	ppm	274	274.1	811887.75	<LOD		<LOD		346.1	<LOD	43298.19	<LOD		<LOD	<LOD		<LOD	118232.25			14235.19		1800.48	<LOD	<LOD	<LOD		<LOD	<LOD	15.93		<LOD	<LOD		<LOD		<LOD	942.76				8356.15		398.8	<LOD	119.17	115.57
Butler 4	Niton XRF	BP13-CU21	ppm	275	275.1	802352.06	<LOD		<LOD		263.62	<LOD	39989.52	<LOD		<LOD	<LOD		<LOD	127173.03			17636.38		1574.74	<LOD	<LOD	<LOD		<LOD	<LOD	18.24		<LOD	<LOD		<LOD		<LOD	1049.14				8834.26		394.73	<LOD	150.22	97.94
Butler 4	Niton XRF	BP13-CU21	ppm	276	276.1	825821.44	<LOD		<LOD		416.09	<LOD	27919.69	<LOD		<LOD	<LOD		<LOD	107175.48			29318.13		1293.56	<LOD	<LOD	<LOD		<LOD	<LOD	33.53		<LOD	<LOD		<LOD		<LOD	786.79				6385.74		<LOD	<LOD	190.09	136.58
Butler 4	Niton XRF	BP13-CU21	ppm	277	277.1	863440.5	<LOD		<LOD		467.49	<LOD	23120.26	<LOD		<LOD	124.03		<LOD	74845.08			29423.22		2810.25	<LOD	<LOD	<LOD		<LOD	<LOD	34.71		<LOD	<LOD		<LOD		<LOD	1100.89				3899.76		<LOD	<LOD	144.89	201.54
Butler 4	Niton XRF	BP13-CU21	ppm	278	278.1	864205.06	<LOD		<LOD		512.37	<LOD	24778.59	<LOD		<LOD	128.79		<LOD	73276.75			29137.04		1453.39	<LOD	<LOD	<LOD		<LOD	<LOD	36.04		<LOD	<LOD		<LOD		<LOD	974.98				4427.1		282.96	<LOD	128.21	204.18
Butler 4	Niton XRF	BP13-CU21	ppm	279	279.1	871184	<LOD		<LOD		505.14	<LOD	24284.81	<LOD		<LOD	<LOD		<LOD	69496.18			27331.9		1270.63	<LOD	<LOD	<LOD		<LOD	<LOD	36.4		<LOD	<LOD		<LOD		<LOD	734.01				4057.11		362.6	<LOD	143.34	188.46
Butler 4	Niton XRF	BP13-CU21	ppm	280	280.1	865251.31	<LOD		<LOD		512.54	<LOD	23637.53	<LOD		<LOD	<LOD		<LOD	77014.63			26089.3		2001.47	<LOD	<LOD	<LOD		<LOD	<LOD	38.57		<LOD	<LOD		<LOD		<LOD	868.42				3524.57		379.06	<LOD	149.6	173.69
Butler 4	Niton XRF	BP13-CU21	ppm	281	281.1	952666.88	<LOD		<LOD		562.23	<LOD	8573.03	<LOD		<LOD	109.17		<LOD	14376.63			19143.66		608.31	<LOD	18.61	<LOD		<LOD	<LOD	19.26		<LOD	<LOD		<LOD		<LOD	522.66				2660.74		224.37	<LOD	<LOD	327.39
Butler 4	Niton XRF	BP13-CU21	ppm	282	282.1	932327.56	<LOD		<LOD		399.98	<LOD	14770.49	<LOD		<LOD	107.01		<LOD	21710.21			26056.22		666.92	<LOD	19.59	<LOD		<LOD	<LOD	20.76		<LOD	<LOD		<LOD		<LOD	730.71				2347.84		270.6	<LOD	82.3	326.93
Butler 4	Niton XRF	BP13-CU21	ppm	283	283.1	919907.38	<LOD		<LOD		549.78	<LOD	25514.08	<LOD		<LOD	108.87		<LOD	27624.46			19356.41		1155.8	<LOD	<LOD	<LOD		<LOD	<LOD	21.6		<LOD	<LOD		<LOD		<LOD	1257.08				3870.98		285.12	<LOD	<LOD	167.9
Butler 4	Niton XRF	BP13-CU21	ppm	284	284.1	906946.69	<LOD		<LOD		939.9	<LOD	36174.13	<LOD		<LOD	115.65		<LOD	22089.92			26834.49		895.1	<LOD	<LOD	<LOD		<LOD	<LOD	23.63		<LOD	<LOD		<LOD		<LOD	1181.75				4131.29		322.67	<LOD	111.9	165.9
Butler 4	Niton XRF	BP13-CU21	ppm	285	285.1	888123.5	<LOD		<LOD		862.09	<LOD	33757.32	<LOD		<LOD	99.55		<LOD	42453.23			26927.64		1741.28	<LOD	<LOD	<LOD		<LOD	<LOD	22.3		<LOD	<LOD		<LOD		<LOD	1777.94				3598.42		241.86	<LOD	120.24	153.01
Butler 4	Niton XRF	BP13-CU21	ppm	286	286.1	881449.94	<LOD		<LOD		1274.4	<LOD	17994.58	<LOD		<LOD	107.07		<LOD	45498.65			46538.93		1336.1	<LOD	16.06	<LOD		<LOD	<LOD	33.45		<LOD	<LOD		<LOD		<LOD	1318.95				3688.82		369.41	<LOD	110.81	180.74
Butler 4	Niton XRF	MN06-27	ppm	187.5	187.55	801953.06	<LOD		<LOD	<LOD		<LOD	68612.3	<LOD		568.1	104.01		<LOD	87971.36	<LOD	<LOD	11518.9		1255.14	14.92	26.31	<LOD		<LOD	<LOD	9.39	<LOD	25603.66	<LOD		<LOD		<LOD	67.86	<LOD		<LOD	1651.34	<LOD	<LOD	<LOD	296.85	197.62
Butler 4	Niton XRF	MN06-27	ppm	188	188.05	946122.13	19.13		<LOD	<LOD		<LOD	4987.81	<LOD		<LOD	98.73		<LOD	29393.7	<LOD	<LOD	15944.78		463.8	<LOD	20.7	<LOD		46.88	<LOD	11.59	<LOD	<LOD	<LOD		<LOD		<LOD	10.7	<LOD		<LOD	1494.46	<LOD	97.93	<LOD	130.55	351.86
Butler 4	Niton XRF	MN06-27	ppm	189	189.05	911585.38	<LOD		<LOD	<LOD		15.56	8127.43	<LOD		<LOD	<LOD		<LOD	56911.64	<LOD	<LOD	13425.09		983.38	<LOD	13.89	<LOD		<LOD	<LOD	11.72	<LOD	3093.63	<LOD		<LOD		69.23	<LOD	<LOD		<LOD	1697.3	<LOD	<LOD	<LOD	218.98	279.16
Butler 4	Niton XRF	MN06-27	ppm	190	190.05	910095.5	<LOD		<LOD	<LOD		<LOD	3735.87	<LOD		<LOD	<LOD		<LOD	80621.66	<LOD	<LOD	1048.56		1842.84	<LOD	18.63	<LOD		40.18	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		60.08	33.62	<LOD		<LOD	1680.31	<LOD	102.98	<LOD	314.91	339.51
Butler 4	Niton XRF	MN06-27	ppm	191	191.05	912487.44	<LOD		<LOD	<LOD		<LOD	2439.09	<LOD		<LOD	<LOD		116.06	56396.78	<LOD	<LOD	16461.73		698.65	<LOD	21.37	<LOD		49.89	<LOD	12.55	<LOD	3815.5	<LOD		<LOD		44.58	26.73	<LOD		<LOD	2080.18	<LOD	<LOD	<LOD	141.52	284.62
Butler 4	Niton XRF	MN06-27	ppm	192	192.05	916478.88	<LOD		<LOD	<LOD		13.88	30557.28	<LOD		<LOD	<LOD		<LOD	46833.2	<LOD	<LOD	2372.95		886.91	<LOD	20.82	<LOD		56.29	<LOD	<LOD	<LOD	<LOD	44.59		<LOD		67.92	22.62	<LOD		<LOD	1474.64	<LOD	<LOD	<LOD	219.01	285.27
Butler 4	Niton XRF	MN06-27	ppm	193	193.05	923753.56	<LOD		<LOD	<LOD		14.78	11486.16	<LOD		<LOD	<LOD		<LOD	54711.44	<LOD	<LOD	5171.42		1158.87	<LOD	16.82	<LOD		37.81	<LOD	5.81	<LOD	<LOD	<LOD		<LOD		<LOD	90.23	<LOD		<LOD	1597.57	<LOD	<LOD	<LOD	303.36	325.52
Butler 4	Niton XRF	MN06-27	ppm	194	194.05	894018.25	<LOD		<LOD	<LOD		<LOD	8852.76	<LOD		<LOD	79.96		172.5	84906.84	<LOD	<LOD	1446.54		1941.08	<LOD	13.38	<LOD		<LOD	<LOD	<LOD	<LOD	3683.21	50.89		<LOD		<LOD	32	<LOD		<LOD	1388.92	<LOD	<LOD	<LOD	308.43	244.97
Butler 4	Niton XRF	MN06-27	ppm	195	195.05	608174.56	<LOD		<LOD	<LOD		<LOD	76804.7	<LOD		<LOD	<LOD		2645.14	202431.92	<LOD	<LOD	<LOD		3671.27	<LOD	11.39	<LOD		161.5	<LOD	<LOD	<LOD	104740.48	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	269.22	<LOD	<LOD	<LOD	1044	24.89
Butler 4	Niton XRF	MN06-27	ppm	196	196.05	494703.53	<LOD		<LOD	<LOD		<LOD	88260.29	<LOD		<LOD	<LOD		591.88	287013.44	<LOD	<LOD	<LOD		2444.91	25.99	16.65	<LOD		<LOD	<LOD	<LOD	<LOD	125361.89	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	454.3	<LOD	<LOD	<LOD	1013.5	30.94
Butler 4	Niton XRF	MN06-27	ppm	197	197.05	701380.63	<LOD		<LOD	<LOD		36.74	98668.66	<LOD		759.14	<LOD		1201.98	136733.69	<LOD	<LOD	<LOD		4612.29	<LOD	31.3	<LOD		48.65	<LOD	<LOD	<LOD	51087.16	<LOD		<LOD		<LOD	149.85	<LOD		<LOD	2763.87	<LOD	<LOD	<LOD	636.39	375.77
Butler 4	Niton XRF	MN06-27	ppm	198	198.05	906195.06	<LOD		<LOD	<LOD		14.9	21755.59	<LOD		418.62	<LOD		<LOD	56472.6	<LOD	<LOD	5557.46		661.61	<LOD	17.6	<LOD		61.75	<LOD	4.84	<LOD	2965.22	41.59		<LOD		76.8	24.37	<LOD		<LOD	1785.25	<LOD	<LOD	<LOD	78.9	303.39
Butler 4	Niton XRF	MN06-27	ppm	199	199.05	909239.38	<LOD		<LOD	<LOD		<LOD	23738.9	<LOD		<LOD	<LOD		<LOD	60879.05	<LOD	<LOD	2841.58		1122.04	12.77	16.58	<LOD		69.5	<LOD	3.39	<LOD	<LOD	<LOD		<LOD		67.34	35.16	<LOD		<LOD	1419.87	<LOD	85.41	<LOD	93.01	315.7
Butler 4	Niton XRF	MN06-27	ppm	200	200.05	909836.25	<LOD		<LOD	<LOD		<LOD	18056.1	<LOD		<LOD	80.02		<LOD	66043.14	<LOD	<LOD	3255.7		316.31	<LOD	15.81	<LOD		53.4	<LOD	2.63	<LOD	<LOD	<LOD		<LOD		<LOD	95.52	<LOD		<LOD	1370.96	<LOD	<LOD	<LOD	87.27	302.52
Butler 4	Niton XRF	MN06-27	ppm	201	201.05	940617.63	<LOD		<LOD	<LOD		18.04	2367.86	<LOD		<LOD	75.79		85.21	43291.7	<LOD	<LOD	4927.35		219.69	<LOD	24.95	<LOD		<LOD	<LOD	3.19	<LOD	1992.68	<LOD		<LOD		<LOD	29.85	<LOD		9.85	1881.52	12.82	<LOD	<LOD	76.82	338.23
Butler 4	Niton XRF	MN06-27	ppm	202	202.05	921354.75	<LOD		<LOD	<LOD		14.41	4408.07	<LOD		<LOD	<LOD		<LOD	58492.63	<LOD	<LOD	3585.15		500.28	<LOD	21.28	<LOD		<LOD	<LOD	4.24	<LOD	3747.95	<LOD		<LOD		<LOD	26.89	<LOD		<LOD	1749.55	<LOD	122.94	<LOD	59.52	344.56
Butler 4	Niton XRF	MN06-27	ppm	203	203.05	907120.56	<LOD		<LOD	<LOD		24.53	2706.45	<LOD		<LOD	<LOD		228.87	62246.14	<LOD	<LOD	760.77		497.38	<LOD	29.03	<LOD		<LOD	<LOD	<LOD	<LOD	23906.81	<LOD		<LOD		<LOD	28.91	<LOD		<LOD	1885.11	<LOD	<LOD	<LOD	76.47	317.68
Butler 4	Niton XRF	MN06-27	ppm	204	204.05	916682.75	<LOD		<LOD	<LOD		20.66	4382.27	<LOD		<LOD	90.85		<LOD	65111.65	<LOD	<LOD	8519.4		816.26	13.04	18.34	<LOD		<LOD	<LOD	7.01	<LOD	<LOD	<LOD		<LOD		<LOD	21.41	<LOD		12.39	1904	<LOD	117.19	<LOD	115.71	325.68
Butler 4	Niton XRF	MN06-27	ppm	205	205.05	911594	<LOD		<LOD	<LOD		13.51	3985.28	<LOD		<LOD	<LOD		<LOD	80117.03	<LOD	<LOD	1012.61		867.86	14.95	22.38	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		49.31	27.22	<LOD		<LOD	1311.79	<LOD	<LOD	<LOD	85.44	269.95
Butler 4	Niton XRF	MN08-59	ppm	20	20.05	920625.69	<LOD		<LOD	<LOD		15.67	5566.51	<LOD		<LOD	110.64		<LOD	34208.03	<LOD	<LOD	34345.21		444.6	12.39	16.78	<LOD		<LOD	<LOD	25.21	<LOD	<LOD	<LOD		<LOD		<LOD	128.99	<LOD		<LOD	1767.08	<LOD	<LOD	<LOD	89.35	396.37
Butler 4	Niton XRF	MN08-59	ppm	24	24.05	922009.38	<LOD		<LOD	<LOD		15.22	3597.16	<LOD		<LOD	96.84		<LOD	36347.7	<LOD	<LOD	33333.45		565.22	12.67	25.2	<LOD		<LOD	<LOD	26.56	<LOD	<LOD	48.69		<LOD		45.82	302.63	<LOD		<LOD	1820.23	<LOD	187.93	<LOD	98.06	322.72
Butler 4	Niton XRF	MN08-59	ppm	30	30.05	952250.63	<LOD		<LOD	<LOD		16.64	5948.16	<LOD		<LOD	109.94		<LOD	24073.5	<LOD	<LOD	13566.81		348.35	<LOD	25.89	<LOD		<LOD	<LOD	13.5	<LOD	<LOD	41.62		<LOD		55.64	105.73	<LOD		9.45	1421.77	<LOD	134.55	<LOD	72.72	419.04
Butler 4	Niton XRF	MN08-59	ppm	36	36.05	969641.88	<LOD		<LOD	<LOD		<LOD	15523.31	<LOD		<LOD	<LOD		<LOD	5357.65	<LOD	<LOD	2787.11		164.19	<LOD	19.81	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	34.39		<LOD		54.83	212.95	<LOD		<LOD	1227.66	<LOD	86.76	<LOD	30.95	333.58
Butler 4	Niton XRF	MN08-59	ppm	42	42.05	878517.44	<LOD		<LOD	<LOD		<LOD	20426.02	<LOD		<LOD	95.7		<LOD	42074	<LOD	<LOD	49636.09		984.04	<LOD	19.52	<LOD		19.29	<LOD	46.38	<LOD	<LOD	<LOD		<LOD		<LOD	1004.25	<LOD		<LOD	4266.33	<LOD	539.46	<LOD	102.62	208.5
Butler 4	Niton XRF	MN08-59	ppm	49	49.05	830019.44	<LOD		<LOD	<LOD		<LOD	55021.62	<LOD		<LOD	<LOD		<LOD	98368.23	<LOD	<LOD	6229.92		1957.84	<LOD	10.47	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1153.13	<LOD		<LOD	6128.21	<LOD	310.71	<LOD	181.82	136.51
Butler 4	Niton XRF	MN08-59	ppm	55	55.05	851249.88	<LOD		<LOD	<LOD		<LOD	30952.84	<LOD		<LOD	<LOD		<LOD	100488.09	<LOD	<LOD	6594.67		1229.46	<LOD	14.74	<LOD		24.87	<LOD	7.52	<LOD	<LOD	<LOD		<LOD		<LOD	1520.61	<LOD		<LOD	7022.41	<LOD	225.46	<LOD	145.01	144.24
Butler 4	Niton XRF	MN08-59	ppm	62	62.05	850459.31	<LOD		<LOD	<LOD		<LOD	6172.15	<LOD		<LOD	<LOD		<LOD	115231.17	<LOD	<LOD	20237.23		1516.42	<LOD	16.85	<LOD		<LOD	<LOD	15.91	<LOD	<LOD	<LOD		<LOD		<LOD	296.49	<LOD		<LOD	4667.28	<LOD	583.99	<LOD	148.03	135.1
Butler 4	Niton XRF	MN08-59	ppm	70	70.05	890957.31	<LOD		<LOD	<LOD		14.65	9676.46	<LOD		<LOD	67.98		<LOD	87044.16	<LOD	<LOD	3727.42		4353.04	<LOD	25.04	<LOD		<LOD	<LOD	3.75	<LOD	<LOD	<LOD		<LOD		<LOD	334.46	<LOD		<LOD	2573.94	<LOD	117.13	<LOD	191.06	286.36
Butler 4	Niton XRF	MN08-59	ppm	76	76.05	930595.63	<LOD		<LOD	<LOD		18.11	13926.1	<LOD		<LOD	<LOD		<LOD	36494.6	<LOD	<LOD	14877.21		603.41	<LOD	24.2	<LOD		<LOD	<LOD	14.69	<LOD	<LOD	42.37		<LOD		62.3	99.87	<LOD		<LOD	1440.12	<LOD	190.78	<LOD	75.3	420.79
Butler 4	Niton XRF	MN08-59	ppm	78	78.1	908154.06	<LOD		<LOD		614	<LOD	10887.39	<LOD		<LOD	118.8		<LOD	50012.95			26054.7		1111	<LOD	22	<LOD		<LOD	<LOD	21.27		<LOD	<LOD		<LOD		<LOD	552				1825.44		163.61	<LOD	94	354.82
Butler 4	Niton XRF	MN08-59	ppm	79	79.1	756488.31	<LOD		<LOD		<LOD	<LOD	80487.25	<LOD		<LOD	<LOD		<LOD	139615.75			4348.34		2534	<LOD	15	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	893				14351.03		854.11	<LOD	137	54.46
Butler 4	Niton XRF	MN08-59	ppm	80	80.1	894818.38	<LOD		<LOD		227	<LOD	24672.28	<LOD		<LOD	108.15		<LOD	56267.41			19788.59		454	<LOD	30	<LOD		<LOD	<LOD	30.06		<LOD	<LOD		<LOD		<LOD	538				2524.55		163.23	<LOD	51	313.34
Butler 4	Niton XRF	MN08-59	ppm	81	81.1	810618	<LOD		<LOD		185	<LOD	20779.16	<LOD		<LOD	<LOD		<LOD	133331.17			23533.06		3469	<LOD	19	<LOD		<LOD	<LOD	36.05		<LOD	<LOD		<LOD		<LOD	344				6991.15		<LOD	<LOD	171	131.3
Butler 4	Niton XRF	MN08-59	ppm	82	82.1	862865.88	<LOD		<LOD		241	<LOD	23815.98	<LOD		<LOD	<LOD		<LOD	86157.71			20882.99		712	<LOD	15	<LOD		<LOD	<LOD	24.74		<LOD	<LOD		<LOD		<LOD	601				4085.38		253.16	<LOD	90	240.41
Butler 4	Niton XRF	MN08-59	ppm	83	83.1	874569.56	<LOD		<LOD		195	<LOD	39761.15	<LOD		<LOD	<LOD		<LOD	79445.8			<LOD		886	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	984				3703.03		<LOD	<LOD	<LOD	242.73
Butler 4	Niton XRF	MN08-59	ppm	83	83.05	852874.13	<LOD		<LOD	<LOD		16.09	43085.79	<LOD		<LOD	81.69		<LOD	96350.76	<LOD	<LOD	947.6		1716.78	<LOD	16.85	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	930.21	<LOD		<LOD	4382.47	<LOD	<LOD	<LOD	62.8	197.87
Butler 4	Niton XRF	MN08-59	ppm	84	84.1	856188.75	<LOD		<LOD		171	<LOD	28643.21	<LOD		<LOD	<LOD		<LOD	102089.57			3239.93		1577	<LOD	28	<LOD		<LOD	<LOD	6.04		<LOD	<LOD		<LOD		<LOD	585				6779.57		<LOD	<LOD	293	200.71
Butler 4	Niton XRF	MN08-59	ppm	85	85.1	864622.13	<LOD		<LOD		<LOD	<LOD	32991.12	<LOD		<LOD	<LOD		<LOD	95246.77			<LOD		1445	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	696				4057.59		643.61	<LOD	<LOD	61.61
Butler 4	Niton XRF	MN08-59	ppm	86	86.1	777095.81	<LOD		<LOD		189	<LOD	57213.38	<LOD		<LOD	<LOD		<LOD	152220.97			<LOD		2120	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	481				7340.87		484.67	<LOD	331	118
Butler 4	Niton XRF	MN08-59	ppm	86	86.05	802798.38	<LOD		<LOD	<LOD		<LOD	24934.31	<LOD		<LOD	<LOD		<LOD	146846.5	<LOD	<LOD	14995.61		2075.51	<LOD	12.61	<LOD		<LOD	<LOD	21.78	<LOD	<LOD	<LOD		<LOD		<LOD	278.53	<LOD		<LOD	7027.65	<LOD	503.03	<LOD	146.91	115.43
Butler 4	Niton XRF	MN08-59	ppm	87	87.1	802717	<LOD		<LOD		492	<LOD	37911.55	<LOD		<LOD	<LOD		<LOD	122900.96			26448.66		1945	<LOD	18	<LOD		<LOD	<LOD	28.9		<LOD	<LOD		<LOD		<LOD	603				5940.56		761.05	<LOD	92	124.38
Butler 4	Niton XRF	MN08-59	ppm	88	88.1	798006.19	<LOD		<LOD		177	<LOD	61904.53	<LOD		<LOD	<LOD		<LOD	125936.12			2314.96		1742	<LOD	18	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	831				8149		631.61	<LOD	100	91.35
Butler 4	Niton XRF	MN08-59	ppm	89	89.1	813254.75	<LOD		<LOD		<LOD	<LOD	55471.76	<LOD		<LOD	<LOD		<LOD	121866.07			<LOD		1641	<LOD	16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1047				5702.73		545.52	<LOD	76	150.12
Butler 4	Niton XRF	MN08-59	ppm	89	89.05	802643.25	<LOD		<LOD	<LOD		<LOD	55826.64	<LOD		<LOD	<LOD		<LOD	130518.2	<LOD	<LOD	<LOD		1955.01	<LOD	16.37	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	942.8	<LOD		<LOD	7286.2	<LOD	575.76	<LOD	91.19	112.71
Butler 4	Niton XRF	MN08-59	ppm	90	90.1	814570.19	<LOD		<LOD		<LOD	<LOD	38794.02	<LOD		<LOD	<LOD		411	120842.35			<LOD		1859	<LOD	24	<LOD		<LOD	<LOD	<LOD		17297	<LOD		<LOD		<LOD	591				5059.26		<LOD	<LOD	125	178.38
Butler 4	Niton XRF	MN08-59	ppm	91	91.1	844964.63	<LOD		<LOD		<LOD	<LOD	41162.24	<LOD		<LOD	137.1		137	106266.49			<LOD		1780	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	407				4779.41		<LOD	<LOD	135	175.5
Butler 4	Niton XRF	MN08-59	ppm	92	92.1	808569.69	<LOD		<LOD		<LOD	<LOD	29541.44	<LOD		<LOD	<LOD		444	131423.81			<LOD		4614	<LOD	21	<LOD		<LOD	<LOD	<LOD		19065	<LOD		<LOD		<LOD	423				5496.61		<LOD	<LOD	79	147.32
Butler 4	Niton XRF	MN08-59	ppm	92	92.05	823208.94	<LOD		<LOD	<LOD		<LOD	15102.33	<LOD		<LOD	<LOD		<LOD	148542.19	<LOD	<LOD	<LOD		4940.98	<LOD	20.82	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	134.22	<LOD		<LOD	5991.85	<LOD	<LOD	<LOD	165.15	144.78
Butler 4	Niton XRF	MN08-59	ppm	93	93.1	856550.81	<LOD		<LOD		180	<LOD	24703.02	<LOD		<LOD	<LOD		<LOD	109662.02			2527		662	<LOD	18	<LOD		<LOD	<LOD	5.51		<LOD	<LOD		<LOD		<LOD	529				4742		<LOD	<LOD	191	212.08

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	MN08-59	ppm	94	94.1	855056.13	<LOD		<LOD		168	<LOD	2792.7	<LOD		<LOD	<LOD		<LOD	117621.58			14300.34		1736	<LOD	<LOD	<LOD		<LOD	<LOD	5.78		<LOD	<LOD		<LOD		<LOD	81				7530.93		302.95	<LOD	264	122.64
Butler 4	Niton XRF	MN08-59	ppm	95	95.1	792090.63	<LOD		<LOD		<LOD	<LOD	54146.51	<LOD		<LOD	<LOD		<LOD	142090			<LOD		3198	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	653				6878.44		613.17	<LOD	157	101.88
Butler 4	Niton XRF	MN08-59	ppm	96	96.1	845001.25	<LOD		<LOD		<LOD	<LOD	4845.95	<LOD		<LOD	<LOD		<LOD	142475.61			<LOD		1302	<LOD	16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5716.06		<LOD	<LOD	239	238.15
Butler 4	Niton XRF	MN08-59	ppm	96	96.05	878774.25	<LOD		<LOD	<LOD		16.05	5400.09	<LOD		<LOD	<LOD		<LOD	108773.02	<LOD	<LOD	<LOD		1489.55	<LOD	16.64	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	78.89	<LOD		<LOD	4988.75	<LOD	160.92	<LOD	131.17	170.66
Butler 4	Niton XRF	MN08-59	ppm	97	97.1	850471.19	<LOD		<LOD		<LOD	<LOD	3702.37	<LOD		<LOD	<LOD		<LOD	138073.16			<LOD		1414	<LOD	25	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				5720.2		<LOD	<LOD	188	124.44
Butler 4	Niton XRF	MN08-59	ppm	98	98.1	851265.44	<LOD		<LOD		136	<LOD	4347.52	<LOD		<LOD	<LOD		<LOD	136613.89			<LOD		1297	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				6018.43		<LOD	<LOD	111	153.17
Butler 4	Niton XRF	MN08-59	ppm	99	99.1	918433.06	<LOD		<LOD		524	<LOD	1690.14	<LOD		<LOD	<LOD		<LOD	64404.26			11136.52		485	<LOD	<LOD	<LOD		<LOD	<LOD	6.93		<LOD	<LOD		<LOD		<LOD	52				2661.88		258.08	<LOD	75	255.72
Butler 4	Niton XRF	MN08-59	ppm	99	99.05	915533.88	<LOD		<LOD	<LOD		<LOD	1477.38	<LOD		<LOD	87.66		<LOD	68050.46	<LOD	<LOD	7465.57		629.53	15.48	19.19	<LOD		<LOD	<LOD	6.14	<LOD	<LOD	<LOD		<LOD		<LOD	29.32	<LOD		<LOD	3036.65	<LOD	<LOD	<LOD	40.68	320.49
Butler 4	Niton XRF	MN08-59	ppm	100	100.1	916380.94	<LOD		<LOD		171	<LOD	9633.7	<LOD		<LOD	<LOD		<LOD	64519.59			5003.32		618	<LOD	14	<LOD		<LOD	<LOD	8.29		<LOD	<LOD		<LOD		<LOD	344				2730		<LOD	<LOD	73	300.68
Butler 4	Niton XRF	MN08-59	ppm	101	101.1	879358.13	<LOD		<LOD		448	<LOD	18607.77	<LOD		<LOD	<LOD		161	77072.88			15429.85		497	<LOD	17	<LOD		<LOD	<LOD	10.95		<LOD	<LOD		<LOD		<LOD	583				7228.92		334.23	<LOD	88	147.76
Butler 4	Niton XRF	MN08-59	ppm	102	102.1	917880.94	<LOD		<LOD		421	<LOD	19244.11	<LOD		<LOD	98.91		<LOD	47854.91			10106.27		793	<LOD	20	<LOD		<LOD	<LOD	7.76		<LOD	<LOD		<LOD		<LOD	580				2497.19		125.92	<LOD	<LOD	277.88
Butler 4	Niton XRF	MN08-59	ppm	102	102.05	923688.75	<LOD		<LOD	<LOD		17.09	19079.91	<LOD		<LOD	<LOD		<LOD	43578.03	<LOD	<LOD	7177.51		422.1	12.61	25.92	<LOD		<LOD	<LOD	6.13	<LOD	<LOD	<LOD		<LOD		<LOD	145.34	<LOD		10.5	2639.42	<LOD	128.76	<LOD	39.53	368.17
Butler 4	Niton XRF	MN08-59	ppm	103	103.1	927614.13	<LOD		<LOD		269	<LOD	27973.88	<LOD		<LOD	129.15		<LOD	30098.51			10166.38		326	<LOD	18	<LOD		<LOD	<LOD	8.52		<LOD	<LOD		<LOD		<LOD	736				2001.19		196.18	<LOD	<LOD	399.34
Butler 4	Niton XRF	MN08-59	ppm	104	104.1	916988.81	<LOD		<LOD		617	<LOD	3620.66	<LOD		<LOD	84.75		<LOD	58748.83			17013		604	<LOD	18	<LOD		<LOD	<LOD	10.69		<LOD	<LOD		<LOD		<LOD	56				1617.26		194	<LOD	53	358.96
Butler 4	Niton XRF	MN08-59	ppm	105	105.1	884247.88	<LOD		<LOD		734	<LOD	1700.15	<LOD		<LOD	139.47		<LOD	104140.48			3935.09		1068	<LOD	14	160		<LOD	<LOD	7.1		<LOD	<LOD		<LOD		<LOD	40				3183.79		210.83	<LOD	<LOD	354.52
Butler 4	Niton XRF	MN08-59	ppm	105	105.05	916232.94	<LOD		<LOD	<LOD		17.56	<LOD	<LOD		<LOD	<LOD		<LOD	58469.82	<LOD	<LOD	21520.04		593.49	<LOD	20.56	<LOD		<LOD	<LOD	13.03	<LOD	<LOD	45.39		<LOD		69.29	<LOD	<LOD		<LOD	1485.88	<LOD	176.91	<LOD	<LOD	395.55
Butler 4	Niton XRF	MN08-59	ppm	106	106.1	834592.88	<LOD		<LOD		<LOD	<LOD	71056.3	<LOD		<LOD	<LOD		812	86635.88			2397.29		1419	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	683				1629.51		294.8	<LOD	<LOD	49.45
Butler 4	Niton XRF	MN08-59	ppm	106	106.05	814984.19	<LOD		<LOD	<LOD		<LOD	59492.58	<LOD		<LOD	<LOD		<LOD	119871.73	<LOD	<LOD	<LOD		2745.21	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	486.91	<LOD		<LOD	1663.83	<LOD	401.81	<LOD	99.49	86.02
Butler 4	Niton XRF	MN08-59	ppm	107	107.1	820047.06	<LOD		<LOD		<LOD	<LOD	75161.66	<LOD		<LOD	<LOD		<LOD	97401.95			<LOD		2061	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	860				2230.95		466.2	<LOD	60	58.04
Butler 4	Niton XRF	MN08-59	ppm	108	108.1	823887.88	<LOD		<LOD		334	<LOD	35441.46	<LOD		<LOD	<LOD		<LOD	124899.15			7511.95		2618	<LOD	<LOD	<LOD		<LOD	<LOD	17.82		<LOD	<LOD		<LOD		<LOD	573				4015.79		442.47	<LOD	142	70.11
Butler 4	Niton XRF	MN08-59	ppm	109	109.1	859453.56	<LOD		<LOD		<LOD	<LOD	55311.79	<LOD		<LOD	<LOD		<LOD	78787.45			<LOD		1421	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	799				1569.9		417.93	<LOD	<LOD	64.09
Butler 4	Niton XRF	MN08-59	ppm	109	109.05	747598.25	<LOD		<LOD	<LOD		<LOD	55608.77	<LOD		<LOD	<LOD		<LOD	172601.55	<LOD	<LOD	1815.36		1978.6	<LOD	14.5	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1098.61	<LOD		<LOD	18223.17	<LOD	922.45	<LOD	101.54	37.26
Butler 4	Niton XRF	MN08-59	ppm	110	110.1	804848.94	<LOD		<LOD		<LOD	<LOD	55612.75	<LOD		<LOD	<LOD		<LOD	128480.25			<LOD		2118	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	810				7179.67		474.62	<LOD	83	37.04
Butler 4	Niton XRF	MN08-59	ppm	111	111.1	743060.31	<LOD		<LOD		<LOD	<LOD	57439.07	<LOD		<LOD	<LOD		<LOD	180785.52			<LOD		2051	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	292				14933.58		1018.48	<LOD	126	62.58
Butler 4	Niton XRF	MN08-59	ppm	112	112.1	877198.5	<LOD		<LOD		178	<LOD	38072.91	<LOD		<LOD	158.32		<LOD	75245.8			3400.74		2293	<LOD	<LOD	<LOD		<LOD	<LOD	4.34		<LOD	<LOD		<LOD		<LOD	1464				1686.47		133.82	<LOD	63	84.08
Butler 4	Niton XRF	MN08-59	ppm	113	113.1	803095.19	<LOD		<LOD		<LOD	<LOD	68369.59	<LOD		<LOD	<LOD		<LOD	118581.51			<LOD		1608	<LOD	17	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	844				6696.41		478.72	<LOD	141	59.83
Butler 4	Niton XRF	MN08-59	ppm	114	114.1	912965	<LOD		<LOD		356	<LOD	13416.01	<LOD		<LOD	72.15		127	51499.59			12291.56		438	<LOD	21	<LOD		<LOD	<LOD	7.76		<LOD	<LOD		<LOD		<LOD	365				1657.43		177.8	<LOD	<LOD	359.47
Butler 4	Niton XRF	MN08-59	ppm	114	114.05	827848.81	<LOD		<LOD	<LOD		<LOD	59231.61	<LOD		<LOD	<LOD		112.39	103120.27	<LOD	<LOD	1845.42		1814.7	<LOD	14.54	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	947.09	<LOD		<LOD	4600.65	<LOD	291.5	<LOD	97.07	75.96
Butler 4	Niton XRF	MN08-59	ppm	115	115.1	909767.25	<LOD		<LOD		258	<LOD	18124.29	<LOD		<LOD	90.39		<LOD	55297.08			11901.11		810	<LOD	25	<LOD		<LOD	<LOD	8.79		<LOD	<LOD		<LOD		<LOD	459				2884.76		<LOD	<LOD	80	278.61
Butler 4	Niton XRF	MN08-59	ppm	115	115.05	925964.75	<LOD		<LOD	<LOD		<LOD	3525.99	<LOD		<LOD	<LOD		<LOD	49352.9	<LOD	<LOD	17166.5		466.99	<LOD	16.57	<LOD		<LOD	<LOD	11.53	<LOD	<LOD	43.55		<LOD		45.23	74.47	<LOD		<LOD	1641.92	<LOD	200.45	<LOD	26.54	381.57
Butler 4	Niton XRF	MN08-59	ppm	116	116.1	912446.19	<LOD		<LOD		580	<LOD	13362.91	<LOD		<LOD	<LOD		<LOD	44058.2			26707.91		<LOD	<LOD	18	<LOD		<LOD	<LOD	32.1		<LOD	<LOD		<LOD		<LOD	551				1643.42		196.86	<LOD	<LOD	298.25
Butler 4	Niton XRF	MN08-59	ppm	117	117.1	789740.5	<LOD		<LOD		227	<LOD	69616.13	<LOD		<LOD	<LOD		<LOD	128837.77			5510.26		1977	<LOD	<LOD	<LOD		<LOD	<LOD	4.93		<LOD	<LOD		<LOD		<LOD	732				2446.31		565.63	<LOD	133	27.82
Butler 4	Niton XRF	MN08-59	ppm	118	118.1	802023	<LOD		<LOD		<LOD	<LOD	63445.82	<LOD		<LOD	<LOD		1677	124630.16			<LOD		1915	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1185				2620.45		382.82	<LOD	114	52.22
Butler 4	Niton XRF	MN08-59	ppm	119	119.1	779034.88	<LOD		<LOD		<LOD	<LOD	71245.92	<LOD		<LOD	<LOD		176	139745.69			2841.76		1870	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	316				3873.15		586.16	<LOD	141	15.49
Butler 4	Niton XRF	MN08-59	ppm	119	119.05	803435.88	<LOD		<LOD	<LOD		<LOD	68976.88	<LOD		<LOD	<LOD		304.5	118866.36	<LOD	<LOD	2409.29		1755.97	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	846.73	<LOD		<LOD	2406.07	<LOD	523.39	<LOD	105.43	26.53
Butler 4	Niton XRF	MN08-59	ppm	120	120.1	787282	<LOD		<LOD		174	<LOD	60670.42	<LOD		<LOD	<LOD		1033	142379.55			<LOD		1750	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1191				4225.16		366.03	<LOD	99	48.7
Butler 4	Niton XRF	MN08-59	ppm	121	121.1	698125.31	<LOD		<LOD		<LOD	<LOD	47119.32	<LOD		<LOD	<LOD		4556	235775.36			<LOD		1458	<LOD	<LOD	374		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	760				10268.71		1113.46	<LOD	223	23.96
Butler 4	Niton XRF	MN08-59	ppm	122	122.1	880765.38	<LOD		<LOD		162	<LOD	39528.43	<LOD		<LOD	95.67		<LOD	73232.3			<LOD		791	<LOD	23	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	819				3730.06		<LOD	<LOD	124	252.98
Butler 4	Niton XRF	MN08-59	ppm	122	122.05	889085.25	<LOD		<LOD	<LOD		<LOD	35991.77	<LOD		<LOD	82.91		<LOD	68143.3	<LOD	<LOD	1501.04		666.59	13.96	20.45	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		55.99	1031.28	<LOD		<LOD	2790.62	<LOD	124.63	<LOD	47.4	281.79
Butler 4	Niton XRF	MN08-59	ppm	123	123.1	843780.63	<LOD		<LOD		174	<LOD	49121.11	<LOD		<LOD	<LOD		<LOD	92884.97			4641.57		1775	<LOD	20	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1045				6175.97		<LOD	<LOD	71	273.6
Butler 4	Niton XRF	MN08-59	ppm	124	124.1	935022.81	<LOD		<LOD		368	<LOD	22863.64	<LOD		<LOD	109.37		<LOD	30916.45			7704.44		561	<LOD	18	<LOD		<LOD	<LOD	5.63		<LOD	<LOD		<LOD		<LOD	721				1152.39		146.87	<LOD	<LOD	351.99
Butler 4	Niton XRF	MN08-59	ppm	125	125.1	927209	<LOD		<LOD		614	<LOD	15840.11	<LOD		<LOD	72.3		<LOD	41013.06			12119.47		589	<LOD	14	<LOD		<LOD	<LOD	11.78		<LOD	<LOD		<LOD		<LOD	599				1392.01		171.12	<LOD	<LOD	339.28
Butler 4	Niton XRF	MN08-59	ppm	126	126.1	932491.13	<LOD		<LOD		537	<LOD	19444.41	<LOD		<LOD	104.05		<LOD	30476.5			13989.01		373	<LOD	22	<LOD		<LOD	<LOD	17.48		<LOD	<LOD		<LOD		<LOD	490				1461.32		177.97	<LOD	<LOD	368.6
Butler 4	Niton XRF	MN08-59	ppm	127	127.1	875499.44	<LOD		<LOD		482	<LOD	24342.29	<LOD		<LOD	111.27		<LOD	68648.55			25364.89		793	<LOD	25	<LOD		<LOD	<LOD	16.58		<LOD	<LOD		<LOD		<LOD	683				3624.85		<LOD	<LOD	65	328.39
Butler 4	Niton XRF	MN08-59	ppm	128	128.1	874493.13	<LOD		<LOD		233	<LOD	38347.97	<LOD		<LOD	81.13		<LOD	73728.95			5775.58		1732	<LOD	28	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	886				4468.5		<LOD	<LOD	<LOD	130.91
Butler 4	Niton XRF	MN08-59	ppm	129	129.1	876407.25	<LOD		<LOD		559	<LOD	27421.04	<LOD		<LOD	140.95		<LOD	74204.18			15004.61		1276	<LOD	17	<LOD		<LOD	<LOD	8.66		<LOD	<LOD		<LOD		<LOD	663				3718.94		203.85	<LOD	110	227.96
Butler 4	Niton XRF	MN08-59	ppm	130	130.1	887050.94	<LOD		<LOD		251	<LOD	39100.43	<LOD		<LOD	130.27		<LOD	60176.8			6138.34		1839	<LOD	15	<LOD		<LOD	<LOD	7.17		<LOD	<LOD		<LOD		<LOD	764				4056.06		<LOD	<LOD	54	261.16
Butler 4	Niton XRF	MN08-59	ppm	131	131.1	862107	<LOD		<LOD		500	<LOD	43648.35	<LOD		<LOD	137.05		<LOD	78674.11			7143.02		1661	<LOD	36	<LOD		<LOD	<LOD	4.36		<LOD	<LOD		<LOD		<LOD	993				4517.17		<LOD	<LOD	104	312.77
Butler 4	Niton XRF	MN08-59	ppm	132	132.1	890973.88	<LOD		<LOD		644	<LOD	12856.73	<LOD		<LOD	128.47		<LOD	64107.88			26649.98		1112	<LOD	18	<LOD		<LOD	<LOD	19.82		<LOD	<LOD		<LOD		<LOD	330				2715.43		167.97	<LOD	<LOD	218.22
Butler 4	Niton XRF	MN08-59	ppm	133	133.1	917630.19	<LOD		<LOD		314	<LOD	15652.58	<LOD		<LOD	127.22		<LOD	49400.58			12415.16		589	<LOD	21	<LOD		<LOD	<LOD	8.57		<LOD	<LOD		<LOD		<LOD	454				2660.61		140.3	<LOD	213	341.47
Butler 4	Niton XRF	MN08-59	ppm	134	134.1	928861.88	<LOD		<LOD		278	25	16461.09	<LOD		<LOD	146.23		<LOD	39586.8			10620.8		474	<LOD	26	<LOD		<LOD	<LOD	6.77		<LOD	<LOD		<LOD		<LOD	473				2124.16		134.88	<LOD	<LOD	309.19
Butler 4	Niton XRF	MN08-59	ppm	134	134.05	930076.88	<LOD		<LOD	<LOD		16.19	18857.95	<LOD		<LOD	<LOD		<LOD	37327.79	<LOD	<LOD	10342.12		230.38	<LOD	23.97	<LOD		<LOD	<LOD	4.82	<LOD	<LOD	<LOD		<LOD		<LOD	99.97	<LOD		<LOD	1813.43	<LOD	<LOD	<LOD	34.07	364.4
Butler 4	Niton XRF	MN08-59	ppm	135	135.1	928744.25	<LOD		<LOD		149	<LOD	17637.73	<LOD		<LOD	95.4		<LOD	39481			9572.04		1004	<LOD	20	<LOD		<LOD	<LOD	5.59		<LOD	<LOD		<LOD		<LOD	559				2271.35		122.3	<LOD	<LOD	289.14
Butler 4	Niton XRF	MN08-59	ppm	136	136.1	873337.13	<LOD		<LOD		351	<LOD	11553.47	<LOD		<LOD	<LOD		<LOD	77580.86			15820.24		881	<LOD	28	<LOD		<LOD	<LOD	11.73		16904	<LOD		<LOD		<LOD	343				2608.13		151.92	<LOD	81	284.16
Butler 4	Niton XRF	MN08-59	ppm	137	137.1	922662.94	<LOD		<LOD		195	<LOD	10451.04	<LOD		<LOD	96.09		<LOD	57327.74			5166.4		1081	<LOD	19	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	359				2184.33		<LOD	<LOD	<LOD	356.34
Butler 4	Niton XRF	MN08-59	ppm	138	138.1	905226.81	<LOD		<LOD		206	<LOD	13682.71	<LOD		<LOD	<LOD		<LOD	61587.69			15434.9		608	<LOD	25	<LOD		<LOD	<LOD	9.35		<LOD	<LOD		<LOD		<LOD	355				2298.74		<LOD	<LOD	<LOD	335.08
Butler 4	Niton XRF	MN08-59	ppm	139	139.1	920939.81	<LOD		<LOD		310	<LOD	24353.38	<LOD		<LOD	119.85		<LOD	41361.66			9166.17		688	19	28	<LOD		<LOD	<LOD	6.07		<LOD	<LOD		<LOD		<LOD	660				1868.82		152.48	<LOD	<LOD	254.4
Butler 4	Niton XRF	MN08-59	ppm	140	140.1	907839.5	<LOD		<LOD		345	<LOD	17558.04	<LOD		<LOD	119.94		<LOD	54007.54			15636.08		651	<LOD	25	<LOD		<LOD	<LOD	8.43		<LOD	<LOD		<LOD		<LOD	479				2946.02		<LOD	<LOD	47	303.29
Butler 4	Niton XRF	MN08-59	ppm	141	141.1	923787.13	<LOD		<LOD		202	<LOD	20328.96	<LOD		<LOD	110.01		<LOD	43058.41			8986.98		378	<LOD	22	<LOD		<LOD	<LOD	7.71		<LOD	<LOD		<LOD		<LOD	568				2246.59		<LOD	<LOD	<LOD	162.51
Butler 4	Niton XRF	MN08-59	ppm	142	142.1	904971.19	<LOD		<LOD		321	<LOD	29886.93	<LOD		<LOD	81.11		<LOD	55285.6			4023.15		979	<LOD	25	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	732				3232.66		133.73	<LOD	<LOD	305.93
Butler 4	Niton XRF	MN08-59	ppm	143	143.1	942563.19	<LOD		<LOD		<LOD	<LOD	23908.61	<LOD		<LOD	107.16		<LOD	30091.67			<LOD		490	<LOD	17	<LOD		<LOD	<LOD	3.68		<LOD	<LOD		<LOD		<LOD	563				1870.8		97.49	<LOD	<LOD	239.47
Butler 4	Niton XRF	MN08-59	ppm	144	144.1	913486.81	<LOD		<LOD		391	<LOD	29603	<LOD		<LOD	118.45		<LOD	46695.42			5608.36		474	<LOD	39	<LOD		<LOD	<LOD	5.26		<LOD	<LOD		<LOD		<LOD	801				2312.82		150.33	<LOD	<LOD	299.06
Butler 4	Niton XRF	MN08-59	ppm	145	145.1	913967.5	<LOD		<LOD		602	<LOD	11709.25	<LOD		<LOD	89.79		<LOD	47148.18			22593.28		440	<LOD	26	<LOD		<LOD	<LOD	12.83		<LOD	<LOD		<LOD		<LOD	430				2364.43		200.13	<LOD	60	320.52
Butler 4	Niton XRF	MN08-59	ppm	146	146.1	923395.25	<LOD		<LOD		406	<LOD	5000.49	<LOD		<LOD	69.97		<LOD	58901.19			8999.96		775	<LOD	21	<LOD		<LOD	<LOD	6.33		<LOD	<LOD		<LOD		<LOD	268				1731.35		141.94	<LOD	47	221.56
Butler 4	Niton XRF	MN08-59	ppm	147	147.1	884949.19	<LOD		<LOD		384	<LOD	18860.72	<LOD		<LOD	91.44		<LOD	68869.88			20498.85		1166	<LOD	19	<LOD		<LOD	<LOD	11.12		<LOD	<LOD		<LOD		<LOD	1152				3206.53		205.18	<LOD	55	501.95
Butler 4	Niton XRF	MN08-59	ppm	148	148.1	932563.94	<LOD		<LOD		198	<LOD	20576.02	<LOD		<LOD	98.17		<LOD	40868.66			2317.64		<LOD	<LOD	24	<LOD		<LOD	<LOD	5.2		<LOD	<LOD		<LOD		<LOD	717				1867.29		131.49	<LOD	<LOD	365.37
Butler 4	Niton XRF	MN08-59	ppm	148	148.05	912759.94	<LOD		<LOD	<LOD		<LOD	12709.2	<LOD		<LOD	<LOD		<LOD	58906.92	<LOD	<LOD	11727.08		657.48	<LOD	16.08	<LOD		<LOD	<LOD	5.57	<LOD	<LOD	52.75		<LOD		65.71	144.36	<LOD		<LOD	1910.23	<LOD	96.08	<LOD	64.22	320.51
Butler 4	Niton XRF	MN08-59	ppm	149	149.1	924236.94	<LOD		<LOD		174	<LOD	8835.45	<LOD		<LOD	105.54		<LOD	54661.5			8828.41		892	<LOD	13	<LOD		<LOD	<LOD	5.19		<LOD	<LOD		<LOD		<LOD	656				1091.24		164.33	<LOD	53	267.79
Butler 4	Niton XRF	MN08-59	ppm	150	150.1	905875.88	<LOD		<LOD		227	<LOD	19198.82	<LOD		<LOD	76.52		<LOD	64553.04			5540.46		627	<LOD	16	<LOD		<LOD	<LOD	5.39		<LOD	<LOD		<LOD		<LOD	623				2882.96		145	<LOD	<LOD	158.46
Butler 4	Niton XRF	MN08-59	ppm	151	151.1	908700.44	<LOD		<LOD		363	<LOD	18946.85	<LOD		<LOD	96		<LOD	49264.65			18231.36		607	<LOD	16	<LOD		<LOD	<LOD	14.68		<LOD	<LOD		<LOD		<LOD	643				2612.52		198.82	<LOD	<LOD	261.86
Butler 4	Niton XRF	MN08-59	ppm	152	152.1	905506.69	<LOD		<LOD		223	<LOD	24302.27	<LOD		<LOD	154.75		<LOD	53546.87			12176.47		560	<LOD	18	<LOD		<LOD	<LOD	10.55		<LOD	<LOD		<LOD		<LOD	927				1906.92		227.13	<LOD	<LOD	396.98
Butler 4	Niton XRF	MN08-59	ppm	153	153.1	929180.44	<LOD		<LOD		162	<LOD	24516.28	<LOD		<LOD	191.81		<LOD	35293.27			6152.57		543	<LOD	13	<LOD		<LOD	<LOD	4.99		<LOD	<LOD		<LOD		<LOD	534				3142.79		123.28	<LOD	<LOD	127.42
Butler 4	Niton XRF	MN08-59	ppm	154	154.1	902813.88	<LOD		<LOD		360	<LOD	27755.5	<LOD		<LOD	146.64		<LOD	53684.63			9285.29		825	<LOD	20	<LOD		<LOD	<LOD	5.47		<LOD	<LOD		<LOD		<LOD	907				3674.65		197.58	<LOD	<LOD	257.04
Butler 4	Niton XRF	MN08-59	ppm	155	155.1	883274.13	<LOD		<LOD		214	<LOD	16079.65	<LOD		<LOD	106.87		<LOD	73282.52			21492.61		952	<LOD	18	<LOD		<LOD	<LOD	18.62		<LOD	<LOD		<LOD		<LOD	677				3313.2		206.79	<LOD	80	270.2
Butler 4	Niton XRF	MN08-59	ppm	156	156.1	873746.13	<LOD		<LOD		396	<LOD	17621.12	<LOD		<LOD	<LOD		<LOD	69123.53			32806.48		553	<LOD	22	<LOD		<LOD	<LOD	25.43		<LOD	<LOD		<LOD		<LOD	426				4147.94		192.02	<LOD	71	280.7
Butler 4	Niton XRF	MN08-59	ppm	157	157.1	880239.5	<LOD		<LOD		298	<LOD	13896.11	<LOD		<LOD	<LOD		<LOD	82890.08			16701.15		1065	<LOD	17	<LOD		<LOD	<LOD	12.58		<LOD	<LOD		<LOD		<LOD	333				4100.74		181.15	<LOD	59	191.05
Butler 4	Niton XRF	MN08-59	ppm	158	158.1	883316.06	<LOD		<LOD		287	<LOD	11503.89	<LOD		<LOD	<LOD		<LOD	87703.12			10009.5		2032	<LOD	21	<LOD		<LOD	<LOD	5.53		<LOD	<LOD		<LOD		<LOD	311				4330.46		<LOD	<LOD	50	281.62
Butler 4	Niton XRF	MN08-59	ppm	159	159.1	910481.19	<LOD		<LOD		384	<LOD	23764.37	<LOD		<LOD	82.73		<LOD	44440.55			15432.24		487	<LOD	29	<LOD		<LOD	<LOD	14.39		<LOD	<LOD		<LOD		<LOD	659				3653.83		215.9	<LOD	<LOD	289.8
Butler 4	Niton XRF	MN08-59	ppm	159	159.05	886421.13	<LOD		<LOD	<LOD		<LOD	24015.31	<LOD		<LOD	109.81		<LOD	67000.21	<LOD	<LOD	15922.9		682.64	<LOD	19.52	<LOD		<LOD	<LOD	14.47	<LOD	<LOD	<LOD		<LOD		53.25	708.2	<LOD		<LOD	4308.94	<LOD	202.25	<LOD	36.99	261.74
Butler 4	Niton XRF	MN08-59	ppm	160	160.1	896433	<LOD		<LOD		<LOD	<LOD	32530.68	<LOD		<LOD	94.18		<LOD	65372.78			<LOD		1105	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	677				3426.03		<LOD	<LOD	<LOD	195.08
Butler 4	Niton XRF	MN08-59	ppm	161	161.1	897129.19	<LOD		<LOD		<LOD	<LOD	36864.35	<LOD		<LOD	83.29		<LOD	60752.74			<LOD		1083	<LOD	14	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	669				3002.54		162.32	<LOD	<LOD	175.37
Butler 4	Niton XRF	MN08-59	ppm	162	162.1	898125.75	<LOD		<LOD		124	<LOD	29701.84	<LOD		<LOD	98.94		<LOD	61363.81			5090.48		965	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	673				3338.99		<LOD	<LOD	<LOD	219.29
Butler 4	Niton XRF	MN08-59	ppm	163	163.1	900235.88	<LOD		<LOD		130	<LOD	34106.42	<LOD		<LOD	84.31		<LOD	56727.89			3086.53		1103	<LOD	16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	842				3293.8		143.98	<LOD	<LOD	212.07
Butler 4	Niton XRF	MN08-59	ppm	164	164.1	931738.44	<LOD		<LOD		<LOD	<LOD	27093.47	<LOD		<LOD	91.11		<LOD	38129.08			<LOD		585	21	20	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	431				1384.77		105.91	<LOD	<LOD	380.64
Butler 4	Niton XRF	MN08-59	ppm	165	165.1	918567.19	<LOD		<LOD		121	<LOD	24738.93	<LOD		<LOD	68.82		<LOD	50003.96			1660.68		578	<LOD	19	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	409				3488.25		169.04	<LOD	<LOD	159.5
Butler 4	Niton XRF	MN08-59	ppm	166	166.1	891331.56	11		<LOD		244	<LOD	32242.28	<LOD		<LOD	121.95		<LOD	60173.4			8558.17		789	<LOD	34	<LOD		<LOD	<LOD	5.65		<LOD	<LOD		<LOD		<LOD	762				5137.52		208.63	<LOD	<LOD	336.76
Butler 4	Niton XRF	MN08-59	ppm	167	167.1	916833.81	<LOD		<LOD		<LOD	<LOD	24013.21	<LOD		<LOD	<LOD		<LOD	51008.11			2286.33		579	<LOD	14	<LOD		<LOD	<LOD	4.22		<LOD	<LOD		<LOD		<LOD	650				4145.15		145.33	<LOD	<LOD	242.34
Butler 4	Niton XRF	MN08-59	ppm	167	167.05	906855.25	<LOD		<LOD	<LOD		<LOD	25606.75	<LOD		<LOD	<LOD		<LOD	58261.13	<LOD	<LOD	3012.4		745.36	<LOD	22.47	<LOD		<LOD	<LOD	4.02	<LOD	<LOD	<LOD		<LOD		<LOD	553.7	<LOD		<LOD	3732.71	<LOD	124.64	<LOD	33.49	230.77
Butler 4	Niton XRF	MN08-59	ppm	168	168.1	922403.88	<LOD		<LOD		<LOD	<LOD	18032.47	<LOD		<LOD	97.15		<LOD	48904.65			4535.39		1494	<LOD	28	<LOD		<LOD	<LOD	5.55		<LOD	<LOD		<LOD		<LOD	635				3309.75		175.05	<LOD	<LOD	297.25
Butler 4	Niton XRF	MN08-59	ppm	169	169.1	886561.75	<LOD		<LOD		263	<LOD	23912.62	<LOD		<LOD	<LOD		<LOD	65488.5			17981.73		740	<LOD	16	<LOD		<LOD	<LOD	19.51		<LOD	<LOD		<LOD		<LOD	635				3899.8		215.19	<LOD	<LOD	165.82
Butler 4	Niton XRF	MN08-59	ppm	170	170.1	856005.81	<LOD		<LOD		273	<LOD	26785.21	<LOD		<LOD	115.47		<LOD	88929.91			21962.55		921	<LOD	31	<LOD		<LOD	<LOD	22.88		<LOD	<LOD		<LOD		<LOD	779				3595.38		214.39	<LOD	60	244.71
Butler 4	Niton XRF	MN08-59	ppm	171	171.1	885606.94	<LOD		<LOD		192	<LOD	29790.13	<LOD		<LOD	86.1		<LOD	60999.12			16920.48		807	<LOD	21	<LOD		<LOD	<LOD	13.22		<LOD	<LOD		<LOD		<LOD	749				4264.62		247.92	<LOD	51	228.95
Butler 4	Niton XRF	MN08-59	ppm	172	172.1	890402.38	<LOD		<LOD		265	<LOD	27372.99	<LOD		<LOD	78.87		<LOD	63684.83			11675.31		<LOD	<LOD	23	<LOD		<LOD	<LOD	9.9		<LOD	<LOD		<LOD		<LOD	931				4188.96		210.06	<LOD	<LOD	289.24
Butler 4	Niton XRF	MN08-59	ppm	173	173.1	901226.94	<LOD		<LOD		<LOD	<LOD	21865.9	<LOD		<LOD	90.16		<LOD	67034.13			4813.57		503	<LOD	26	<LOD		<LOD	<LOD	6.07		<LOD	<LOD		<LOD		<LOD	771				3107.57		163.26	<LOD	<LOD	235.83
Butler 4	Niton XRF	MN08-59	ppm	174	174.1	891570.88	<LOD		<LOD		234	<LOD	10192.41	<LOD		<LOD	99.31		<LOD	87580.38			5535.39		914	<LOD	23	<LOD		<LOD	<LOD	3.84		<LOD	<LOD		<LOD		<LOD	351				3020.55		<LOD	<LOD	<LOD	276.26
Butler 4	Niton XRF	MN08-59	ppm	175	175.1	861431.44	<LOD		<LOD		254	<LOD	13409.08	<LOD		<LOD	<LOD		<LOD	84074.41			35398.48		730	<LOD	25	<LOD		<LOD	<LOD	37.61		<LOD	<LOD		<LOD		<LOD	450				3593.33		213.75	<LOD	57	253.04
Butler 4	Niton XRF	MN08-59	ppm	176	176.1	908435.31	<LOD		<LOD		153	<LOD	28657.66	<LOD		<LOD	84.4		<LOD	51108.3			7690.35		412	<LOD	16	<LOD		<LOD	<LOD	10.8		<LOD	<LOD		<LOD		<LOD	668				2342.47		115.17	<LOD	<LOD	275.74
Butler 4	Niton XRF	MN08-59	ppm	177	177.1	895114	<LOD		<LOD		140	<LOD	28237.48	<LOD		<LOD	94.73		<LOD	61611.45			9237.03		1272	19	30	<LOD		<LOD	<LOD	14.3		<LOD	<LOD		<LOD		<LOD	478				3288.75		155.29	<LOD	<LOD	293.76
Butler 4	Niton XRF	MN08-59	ppm	178	178.1	909840.69	<LOD		<LOD		119	<LOD	26629.75	<LOD		<LOD	136.75		<LOD	51563.84			5547.24		634	<LOD	22	<LOD		<LOD	<LOD	5.93		<LOD	<LOD		<LOD		<LOD	652				4422.56		146.65	<LOD	66	198.84
Butler 4	Niton XRF	MN08-59	ppm	178	178.05	909111.19	<LOD		<LOD	<LOD		<LOD	29892.27	<LOD		<LOD	<LOD		<LOD	53187.95	<LOD	<LOD	2339.2		599.74	<LOD	18.77	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	138.47	<LOD		<LOD	3437.15	<LOD	<LOD	<LOD	<LOD	275.8

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	MN08-59	ppm	179	179.1	900171.5	<LOD		<LOD		200	<LOD	35046.66	<LOD		<LOD	72.72		<LOD	54557.87			3463.03		798	19	14	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	868				4350.21		165.99	<LOD	<LOD	213.71
Butler 4	Niton XRF	MN08-59	ppm	180	180.1	889366	<LOD		<LOD		430	<LOD	31391.84	<LOD		<LOD	96.24		<LOD	61672.6			10330.68		651	<LOD	28	<LOD		<LOD	<LOD	6.81		<LOD	<LOD		<LOD		<LOD	892				4672.47		157.38	<LOD	<LOD	229.78
Butler 4	Niton XRF	MN08-59	ppm	181	181.1	896636.69	<LOD		<LOD		257	<LOD	23605.79	<LOD		<LOD	95.54		<LOD	62965.36			10690.41		686	<LOD	23	<LOD		<LOD	<LOD	7.09		<LOD	<LOD		<LOD		<LOD	699				3954.51		<LOD	<LOD	<LOD	245.5
Butler 4	Niton XRF	MN08-59	ppm	182	182.1	887677.06	<LOD		<LOD		196	<LOD	31569.49	<LOD		<LOD	111.13		<LOD	70148.57			4960.46		889	<LOD	18	<LOD		<LOD	<LOD	5.44		<LOD	<LOD		<LOD		<LOD	706				3396.9		<LOD	<LOD	<LOD	167.92
Butler 4	Niton XRF	MN08-59	ppm	183	183.1	883358.13	<LOD		<LOD		298	<LOD	36138.73	<LOD		<LOD	187.67		<LOD	63167.95			10151.87		555	<LOD	28	<LOD		<LOD	<LOD	7.8		<LOD	<LOD		<LOD		<LOD	734				4270.23		316.47	<LOD	<LOD	325.88
Butler 4	Niton XRF	MN08-59	ppm	184	184.1	902640.06	<LOD		<LOD		218	<LOD	26688.83	<LOD		<LOD	70.74		<LOD	50185.11			14525.82		564	<LOD	22	<LOD		<LOD	<LOD	16.33		<LOD	<LOD		<LOD		<LOD	689				3887.4		181.95	<LOD	61	234.16
Butler 4	Niton XRF	MN08-59	ppm	184.4	184.44	901144.88	<LOD		<LOD		330	<LOD	25179.72	<LOD		<LOD	92.46		<LOD	54069.41			14134.53		537	<LOD	21	<LOD		<LOD	<LOD	16.89		<LOD	<LOD		<LOD		<LOD	702				3227.64		234.08	<LOD	52	242.87
Butler 4	Niton XRF	MN08-69	ppm	16	16.1	953592.63	<LOD		<LOD		324	<LOD	5065.72	<LOD		<LOD	102.21		<LOD	19846.42			18234.36		<LOD	<LOD	26	<LOD		<LOD	<LOD	22.91		<LOD	<LOD		<LOD		<LOD	526				1470.9		177.52	<LOD	54	307.48
Butler 4	Niton XRF	MN08-69	ppm	17	17.1	924939.38	<LOD		<LOD		413	<LOD	11661.92	<LOD		<LOD	75.43		<LOD	42936.13			16608.88		700	<LOD	18	<LOD		<LOD	<LOD	22.5		<LOD	<LOD		<LOD		<LOD	552				1561.5		121.32	<LOD	78	296.88
Butler 4	Niton XRF	MN08-69	ppm	18	18.1	922390.31	<LOD		<LOD		521	<LOD	10894.94	<LOD		<LOD	86.56		<LOD	41854			20331.68		695	<LOD	19	<LOD		<LOD	<LOD	26.06		<LOD	<LOD		<LOD		<LOD	668				1839.74		210.42	<LOD	103	345.2
Butler 4	Niton XRF	MN08-69	ppm	19	19.1	936497.63	<LOD		<LOD		616	<LOD	10573.39	<LOD		<LOD	172.43		<LOD	27123.97			21709.8		556	<LOD	28	<LOD		<LOD	<LOD	12.11		<LOD	<LOD		<LOD		<LOD	416				1544.31		311.25	<LOD	79	329.81
Butler 4	Niton XRF	MN08-69	ppm	20	20.1	940696.44	<LOD		<LOD		649	<LOD	5695.08	<LOD		<LOD	113.01		<LOD	28471.88			21541.82		<LOD	<LOD	15	<LOD		<LOD	<LOD	23.8		<LOD	<LOD		<LOD		<LOD	354				1518.93		186.7	<LOD	79	326.2
Butler 4	Niton XRF	MN08-69	ppm	21	21.1	945777.69	<LOD		<LOD		197	<LOD	10067.23	<LOD		<LOD	128.62		<LOD	30039.08			10398.44		489	<LOD	26	<LOD		<LOD	<LOD	22.81		<LOD	<LOD		<LOD		<LOD	671				1621.62		128.43	<LOD	58	346.87
Butler 4	Niton XRF	MN08-69	ppm	22	22.1	914243.63	<LOD		<LOD		337	<LOD	18161.16	<LOD		<LOD	98.22		<LOD	48502.07			13562.99		857	<LOD	27	<LOD		<LOD	<LOD	19.67		<LOD	<LOD		<LOD		<LOD	885				2892.45		<LOD	<LOD	98	299.43
Butler 4	Niton XRF	MN08-69	ppm	23	23.1	905338.88	<LOD		<LOD		843	<LOD	11384.67	<LOD		<LOD	124.21		<LOD	44071.92			33586.95		774	<LOD	23	<LOD		<LOD	<LOD	38.25		<LOD	<LOD		<LOD		<LOD	547				2583.73		157.19	<LOD	134	357.64
Butler 4	Niton XRF	MN08-69	ppm	24	24.1	880775.94	<LOD		<LOD		1136	<LOD	12313.11	<LOD		<LOD	98.22		<LOD	48327.91			52794.46		791	<LOD	20	<LOD		<LOD	<LOD	42.63		<LOD	<LOD		<LOD		<LOD	699				2126		300.55	<LOD	160	400.09
Butler 4	Niton XRF	MN08-69	ppm	25	25.1	929425.38	<LOD		<LOD		142	<LOD	13477.84	<LOD		<LOD	94.93		<LOD	39788.86			12837.33		901	<LOD	21	<LOD		<LOD	<LOD	20.23		<LOD	<LOD		<LOD		<LOD	719				1612.76		<LOD	<LOD	122	340.77
Butler 4	Niton XRF	MN08-69	ppm	26	26.1	919269.81	<LOD		<LOD		252	<LOD	9175.41	<LOD		<LOD	99.37		<LOD	41854.95			25622.94		473	<LOD	20	<LOD		<LOD	<LOD	37.38		<LOD	<LOD		<LOD		<LOD	351				2295.25		<LOD	<LOD	151	382.72
Butler 4	Niton XRF	MN08-69	ppm	27	27.1	767970.25	<LOD		<LOD		704	<LOD	25788.91	<LOD		<LOD	<LOD		<LOD	126014.98			60154.01		2798	<LOD	38	<LOD		<LOD	<LOD	52.44		13286	<LOD		<LOD		<LOD	299				1929.1		267.04	<LOD	276	369.08
Butler 4	Niton XRF	MN08-69	ppm	28	28.1	934118.06	<LOD		<LOD		407	<LOD	9108.46	<LOD		<LOD	77.51		<LOD	28788.88			24199.31		561	<LOD	23	<LOD		<LOD	<LOD	35.36		<LOD	<LOD		<LOD		<LOD	429				1603.42		157.34	<LOD	125	353.31
Butler 4	Niton XRF	MN08-69	ppm	29	29.1	934129.56	<LOD		<LOD		229	<LOD	9451.49	<LOD		<LOD	122.34		<LOD	29357.17			15476.15		474	<LOD	28	<LOD		<LOD	<LOD	19.57		7954	<LOD		<LOD		<LOD	425				1751.67		104.43	<LOD	119	344.42
Butler 4	Niton XRF	MN08-69	ppm	30	30.1	892902.44	<LOD		<LOD		477	<LOD	8269	<LOD		<LOD	95.61		<LOD	54856.93			38372.08		760	<LOD	25	<LOD		<LOD	<LOD	45.47		<LOD	<LOD		<LOD		<LOD	469				3009.25		171.93	<LOD	150	380.22
Butler 4	Niton XRF	MN08-69	ppm	31	31.1	911325.94	<LOD		<LOD		340	<LOD	17990.22	<LOD		<LOD	106.36		<LOD	40930.86			25120.89		1199	<LOD	19	<LOD		<LOD	<LOD	30.55		<LOD	<LOD		<LOD		<LOD	746				1520.35		180.74	<LOD	106	353.42
Butler 4	Niton XRF	MN08-69	ppm	32	32.1	890681.63	<LOD		<LOD		571	<LOD	8905.47	<LOD		<LOD	85.66		<LOD	52342.23			43502.02		1009	<LOD	23	<LOD		<LOD	<LOD	55.41		<LOD	<LOD		<LOD		<LOD	371				1766.93		223.33	<LOD	135	295.13
Butler 4	Niton XRF	MN08-69	ppm	33	33.1	911847.63	<LOD		<LOD		472	<LOD	17607.84	<LOD		<LOD	87.01		<LOD	43402.95			22380.6		1069	<LOD	23	<LOD		<LOD	<LOD	24.62		<LOD	<LOD		<LOD		<LOD	615				1795.53		193.8	<LOD	111	355.5
Butler 4	Niton XRF	MN08-69	ppm	34	34.1	927664.94	<LOD		<LOD		<LOD	27	10145.33	<LOD		502	115.18		<LOD	40342.1			17546.68		733	<LOD	27	<LOD		<LOD	<LOD	33.68		<LOD	<LOD		<LOD		<LOD	438				1731.03		160.07	<LOD	120	399.36
Butler 4	Niton XRF	MN08-69	ppm	35	35.1	853883.44	<LOD		<LOD		1381	<LOD	15780.15	<LOD		<LOD	94.66		<LOD	59027.55			65281.98		1333	<LOD	22	<LOD		<LOD	<LOD	54.38		<LOD	<LOD		<LOD		<LOD	453				1818.59		345.16	<LOD	149	341.07
Butler 4	Niton XRF	MN08-69	ppm	36	36.1	956164	<LOD		<LOD		368	<LOD	4448.65	<LOD		<LOD	115.15		<LOD	13870.2			22884.15		641	<LOD	12	<LOD		<LOD	<LOD	17.99		<LOD	<LOD		<LOD		<LOD	557				614.39		169.73	<LOD	<LOD	71.89
Butler 4	Niton XRF	MN08-69	ppm	37	37.1	937000.44	<LOD		<LOD		154	<LOD	17400.12	<LOD		<LOD	108.82		<LOD	26430.45			15860.4		618	<LOD	19	<LOD		<LOD	<LOD	9.32		<LOD	<LOD		<LOD		<LOD	549				1265.46		163.53	<LOD	79	310.09
Butler 4	Niton XRF	MN08-69	ppm	38	38.1	928994.75	<LOD		<LOD		<LOD	<LOD	18385.28	<LOD		<LOD	130.81		<LOD	33302.2			9925.88		751	<LOD	23	<LOD		<LOD	<LOD	20.14		6005	<LOD		<LOD		<LOD	514				1370.12		93	<LOD	108	362.1
Butler 4	Niton XRF	MN08-69	ppm	39	39.1	935492.38	<LOD		<LOD		<LOD	<LOD	25452.75	<LOD		<LOD	110.78		<LOD	28478.31			7043.17		444	<LOD	22	<LOD		<LOD	<LOD	5.05		<LOD	<LOD		<LOD		<LOD	879				1408.78		106.59	<LOD	85	389.86
Butler 4	Niton XRF	MN08-69	ppm	40	40.1	841193.31	<LOD		<LOD		318	<LOD	33258.46	<LOD		<LOD	<LOD		<LOD	88655.04			30633.13		2985	<LOD	35	<LOD		<LOD	<LOD	33.87		<LOD	<LOD		<LOD		<LOD	568				1518.2		169.33	<LOD	92	361.99
Butler 4	Niton XRF	MN08-69	ppm	41	41.1	921966.94	<LOD		<LOD		463	<LOD	16552	<LOD		<LOD	90.49		<LOD	38260.29			18928.99		664	<LOD	25	<LOD		<LOD	<LOD	27.3		<LOD	<LOD		<LOD		<LOD	715				1692.19		118.6	<LOD	105	353.59
Butler 4	Niton XRF	MN08-69	ppm	42	42.1	921748.44	<LOD		<LOD		179	<LOD	17684.31	<LOD		<LOD	95.02		<LOD	41171.77			15395.59		946	<LOD	23	<LOD		<LOD	<LOD	24.49		<LOD	<LOD		<LOD		<LOD	655				1455.42		169.21	<LOD	115	323.58
Butler 4	Niton XRF	MN08-69	ppm	43	43.1	938998.31	<LOD		<LOD		<LOD	<LOD	22292.75	<LOD		<LOD	130.46		<LOD	27208.44			7881.36		800	<LOD	29	<LOD		<LOD	<LOD	5.93		<LOD	<LOD		<LOD		<LOD	860				1159.3		83.15	<LOD	65	360.54
Butler 4	Niton XRF	MN08-69	ppm	44	44.1	857103.81	<LOD		<LOD		1039	<LOD	18510.72	<LOD		<LOD	129.04		<LOD	72013.47			44870.15		2053	<LOD	34	<LOD		<LOD	<LOD	57.93		<LOD	<LOD		<LOD		<LOD	544				2594.59		357.04	<LOD	243	418.44
Butler 4	Niton XRF	MN08-69	ppm	45	45.1	904417.19	<LOD		<LOD		341	<LOD	20451.16	<LOD		<LOD	110.06		<LOD	48488.26			22205.96		1027	<LOD	28	<LOD		<LOD	<LOD	28.42		<LOD	<LOD		<LOD		<LOD	814				1469.75		153.59	<LOD	115	337.37
Butler 4	Niton XRF	MN08-69	ppm	46	46.1	883351.13	<LOD		<LOD		940	<LOD	15242.49	<LOD		<LOD	109.57		<LOD	40791.04			55822.67		802	<LOD	25	<LOD		<LOD	<LOD	43.91		<LOD	<LOD		<LOD		<LOD	404				1714.97		331.34	<LOD	78	328.12
Butler 4	Niton XRF	MN08-69	ppm	47	47.1	909218.31	<LOD		<LOD		585	<LOD	18083.67	<LOD		<LOD	77.06		<LOD	27950.87			24795.41		418	<LOD	16	<LOD		<LOD	<LOD	23.16		16517	<LOD		<LOD		<LOD	484				1297.92		163.17	<LOD	77	279.77
Butler 4	Niton XRF	MN08-69	ppm	48	48.1	920249.88	<LOD		<LOD		772	<LOD	13932.19	<LOD		<LOD	95.73		<LOD	41212.89			20061.24		490	<LOD	28	<LOD		<LOD	<LOD	21.84		<LOD	<LOD		<LOD		<LOD	512				1858.1		264.12	<LOD	113	356.83
Butler 4	Niton XRF	MN08-69	ppm	49	49.1	892143.25	<LOD		<LOD		290	<LOD	27877.29	<LOD		<LOD	144.21		<LOD	35936.14			16578.58		1154	<LOD	17	<LOD		<LOD	<LOD	17.97		22790	<LOD		<LOD		<LOD	613				1606.26		134.89	<LOD	341	328.49
Butler 4	Niton XRF	MN08-69	ppm	50	50.1	931577.63	<LOD		<LOD		242	<LOD	17845.15	<LOD		<LOD	107.4		<LOD	34821.22			11731.28		716	<LOD	32	<LOD		<LOD	<LOD	8.34		<LOD	<LOD		<LOD		<LOD	829				1559.46		<LOD	<LOD	94	337.33
Butler 4	Niton XRF	MN08-69	ppm	51	51.1	931986	<LOD		<LOD		366	<LOD	9177.21	<LOD		<LOD	91.37		<LOD	37420.71			17311.56		691	<LOD	21	<LOD		<LOD	<LOD	16.4		<LOD	<LOD		<LOD		<LOD	657				1629.52		164.91	<LOD	140	312.31
Butler 4	Niton XRF	MN08-69	ppm	52	52.1	922437.75	<LOD		<LOD		552	<LOD	9030.79	<LOD		<LOD	139.28		<LOD	42867.07			20861.03		697	<LOD	34	<LOD		<LOD	<LOD	21.21		<LOD	<LOD		<LOD		<LOD	615				2061.91		147.36	<LOD	138	348.16
Butler 4	Niton XRF	MN08-69	ppm	53	53.1	906480.31	<LOD		<LOD		473	<LOD	10807.31	<LOD		<LOD	82.07		<LOD	48128.52			25883.14		1217	<LOD	21	<LOD		<LOD	<LOD	23.86		<LOD	<LOD		<LOD		<LOD	439				1840.69		199.2	<LOD	83	357.88
Butler 4	Niton XRF	MN08-69	ppm	54	54.1	923074.88	<LOD		<LOD		990	<LOD	8198.82	<LOD		<LOD	98.18		<LOD	31932.28			31677.18		564	<LOD	24	<LOD		<LOD	<LOD	18.92		<LOD	<LOD		<LOD		<LOD	623				1952.25		312.18	<LOD	138	367.33
Butler 4	Niton XRF	MN08-69	ppm	55	55.1	893725	<LOD		<LOD		780	<LOD	11127.8	<LOD		<LOD	91.8		<LOD	53051.28			36546.31		902	<LOD	26	<LOD		<LOD	<LOD	33.24		<LOD	<LOD		<LOD		<LOD	539				1920.88		239.73	<LOD	231	341.18
Butler 4	Niton XRF	MN08-69	ppm	56	56.1	930081	<LOD		<LOD		357	<LOD	8956.86	<LOD		<LOD	114.07		<LOD	37776.57			19357.11		736	<LOD	28	<LOD		<LOD	<LOD	21.12		<LOD	<LOD		<LOD		<LOD	443				1553.93		170.53	<LOD	66	323.39
Butler 4	Niton XRF	MN08-69	ppm	57	57.1	912120.75	<LOD		<LOD		582	<LOD	8878.84	<LOD		<LOD	80.07		<LOD	46542.72			27741.37		457	<LOD	28	<LOD		<LOD	<LOD	29.01		<LOD	<LOD		<LOD		<LOD	453				1858.5		222.32	<LOD	628	364.53
Butler 4	Niton XRF	MN08-69	ppm	58	58.1	924079.69	<LOD		<LOD		557	<LOD	9793.1	<LOD		<LOD	136.12		<LOD	41363.64			20472.37		596	<LOD	23	<LOD		<LOD	<LOD	23.86		<LOD	<LOD		<LOD		<LOD	426				1923.53		180.79	<LOD	55	355.36
Butler 4	Niton XRF	MN08-69	ppm	59	59.1	919672.5	<LOD		<LOD		416	<LOD	11549.29	<LOD		<LOD	102.73		<LOD	45606.59			19214.52		714	<LOD	25	<LOD		<LOD	<LOD	20.88		<LOD	<LOD		<LOD		<LOD	585				1535.79		154.75	<LOD	<LOD	349.75
Butler 4	Niton XRF	MN08-69	ppm	60	60.1	923680.88	<LOD		<LOD		584	<LOD	5738.09	<LOD		<LOD	75.21		<LOD	39658.61			27062.29		376	<LOD	29	<LOD		<LOD	<LOD	24.85		<LOD	<LOD		<LOD		<LOD	472				1629.69		279.24	<LOD	<LOD	344.35
Butler 4	Niton XRF	MN08-69	ppm	61	61.1	875290.13	<LOD		<LOD		1047	<LOD	11215.25	<LOD		<LOD	81.43		<LOD	59231.14			48459.99		1075	<LOD	18	<LOD		<LOD	<LOD	30.1		<LOD	<LOD		<LOD		<LOD	398				1924.77		272.1	<LOD	151	378.25
Butler 4	Niton XRF	MN08-69	ppm	62	62.1	887244.63	<LOD		<LOD		579	<LOD	14292	<LOD		<LOD	141.98		<LOD	61776.04			31074.79		1022	<LOD	32	<LOD		<LOD	<LOD	31.82		<LOD	<LOD		<LOD		<LOD	719				2391		159.46	<LOD	145	375.89
Butler 4	Niton XRF	MN08-69	ppm	63	63.1	908134.31	<LOD		<LOD		575	<LOD	5364.06	<LOD		<LOD	106.26		<LOD	50890.15			30468.93		536	<LOD	24	<LOD		<LOD	<LOD	32.21		<LOD	<LOD		<LOD		<LOD	402				2797.42		252.5	<LOD	62	340.85
Butler 4	Niton XRF	MN08-69	ppm	64	64.1	918721.56	<LOD		<LOD		764	<LOD	8795.33	<LOD		<LOD	119.83		<LOD	41784.21			25868.32		554	<LOD	13	<LOD		<LOD	<LOD	19.5		<LOD	<LOD		<LOD		<LOD	489				1704.59		324.6	<LOD	75	369.17
Butler 4	Niton XRF	MN08-69	ppm	65	65.1	927818.5	<LOD		<LOD		391	<LOD	8391.88	<LOD		<LOD	101.59		<LOD	41897.51			17863.03		500	<LOD	23	<LOD		<LOD	<LOD	27.43		<LOD	<LOD		<LOD		<LOD	625				1751.7		130.47	<LOD	96	367.77
Butler 4	Niton XRF	MN08-69	ppm	66	66.1	924458	<LOD		<LOD		510	<LOD	11357.9	<LOD		<LOD	84.64		<LOD	38368.13			21778.22		464	<LOD	17	<LOD		<LOD	<LOD	22.58		<LOD	<LOD		<LOD		<LOD	556				1713.96		246.56	<LOD	55	333.2
Butler 4	Niton XRF	MN08-69	ppm	67	67.1	916022.81	<LOD		<LOD		652	<LOD	6801.68	<LOD		<LOD	93.08		<LOD	46827.94			26023.54		594	<LOD	21	<LOD		<LOD	<LOD	23.52		<LOD	<LOD		<LOD		<LOD	492				1792.39		221.97	<LOD	99	319.97
Butler 4	Niton XRF	MN08-69	ppm	68	68.1	887875.63	<LOD		<LOD		1091	<LOD	7381.14	<LOD		<LOD	134.83		<LOD	40269.51			59152.7		593	<LOD	28	<LOD		<LOD	<LOD	32.36		<LOD	<LOD		<LOD		<LOD	415				2278.96		208.81	<LOD	68	443.83
Butler 4	Niton XRF	MN08-69	ppm	69	69.1	918571	<LOD		<LOD		<LOD	<LOD	36862.37	<LOD		<LOD	85.25		<LOD	36280.82			4069.23		1360	<LOD	30	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	798				1294.59		148.72	<LOD	<LOD	345.41
Butler 4	Niton XRF	MN08-69	ppm	70	70.1	940599.81	<LOD		<LOD		167	<LOD	16059.22	<LOD		<LOD	93.87		<LOD	31424.03			8584.06		631	<LOD	23	<LOD		<LOD	<LOD	7.06		<LOD	<LOD		<LOD		<LOD	640				1302		87.79	<LOD	<LOD	319.89
Butler 4	Niton XRF	MN08-69	ppm	71	71.1	950125.94	<LOD		<LOD		510	<LOD	14483.81	<LOD		<LOD	126.92		<LOD	18303.86			13449.4		295	<LOD	23	<LOD		<LOD	<LOD	11.25		<LOD	<LOD		<LOD		<LOD	673				1390.9		144.33	<LOD	50	397.4
Butler 4	Niton XRF	MN08-69	ppm	72	72.1	930009.31	<LOD		<LOD		389	<LOD	14213.21	<LOD		<LOD	103.45		<LOD	32024.44			19815.71		533	<LOD	24	<LOD		<LOD	<LOD	20.47		<LOD	<LOD		<LOD		<LOD	538				1680.86		188.46	<LOD	95	350.1
Butler 4	Niton XRF	MN08-69	ppm	73	73.1	913242.75	<LOD		<LOD		653	<LOD	16409.98	<LOD		<LOD	98.89		<LOD	39168.14			26486.96		666	<LOD	25	<LOD		<LOD	<LOD	20.37		<LOD	<LOD		<LOD		<LOD	621				1827.17		302.19	<LOD	90	373.27
Butler 4	Niton XRF	MN08-69	ppm	74	74.1	912096.13	<LOD		<LOD		597	25	12773.81	<LOD		<LOD	<LOD		<LOD	44140.5			26276.33		958	<LOD	30	<LOD		<LOD	<LOD	19.87		<LOD	<LOD		<LOD		<LOD	752				1660.43		171.99	<LOD	86	337.61
Butler 4	Niton XRF	MN08-69	ppm	75	75.1	910881.94	<LOD		<LOD		582	<LOD	14448.72	<LOD		<LOD	65.77		<LOD	43913.2			25586.13		1168	<LOD	19	<LOD		<LOD	<LOD	21.47		<LOD	<LOD		<LOD		<LOD	774				1895.7		173.45	<LOD	119	336.25
Butler 4	Niton XRF	MN08-69	ppm	76	76.1	935410.44	<LOD		<LOD		106	<LOD	20681.14	<LOD		<LOD	111.64		<LOD	31216.07			8388.65		752	<LOD	28	<LOD		<LOD	<LOD	6.66		<LOD	<LOD		<LOD		<LOD	979				1776.52		148.77	<LOD	<LOD	317
Butler 4	Niton XRF	MN08-69	ppm	77	77.1	936783.13	<LOD		<LOD		534	<LOD	7585.29	<LOD		<LOD	113		<LOD	27934			23486.37		348	<LOD	18	<LOD		<LOD	<LOD	22.2		<LOD	<LOD		<LOD		<LOD	538				1674.13		171.28	<LOD	74	300.48
Butler 4	Niton XRF	MN08-69	ppm	78	78.1	926091.75	<LOD		<LOD		376	<LOD	14128.2	<LOD		<LOD	107.82		<LOD	37076.45			18567.5		456	<LOD	15	<LOD		<LOD	<LOD	18.93		<LOD	<LOD		<LOD		<LOD	848				1747.81		143.71	<LOD	82	325.14
Butler 4	Niton XRF	MN08-69	ppm	79	79.1	917429.25	<LOD		<LOD		408	<LOD	8609.11	<LOD		<LOD	117.68		<LOD	42251.38			27265.42		713	<LOD	24	<LOD		<LOD	<LOD	37.78		<LOD	<LOD		<LOD		<LOD	562				1990.93		134.62	<LOD	64	377.91
Butler 4	Niton XRF	MN08-69	ppm	80	80.1	898804	<LOD		<LOD		532	<LOD	10551.72	<LOD		<LOD	74.48		<LOD	50822.52			35525.98		715	<LOD	30	<LOD		<LOD	<LOD	31.25		<LOD	<LOD		<LOD		<LOD	689				1671.79		140	<LOD	86	311.38
Butler 4	Niton XRF	MN08-69	ppm	81	81.1	895908.94	<LOD		<LOD		715	<LOD	9309.53	<LOD		<LOD	109.52		<LOD	54371.39			35259.43		772	<LOD	25	<LOD		<LOD	<LOD	33.35		<LOD	<LOD		<LOD		<LOD	572				2168.87		219.86	<LOD	131	368.84
Butler 4	Niton XRF	MN08-69	ppm	82	82.1	881874.94	<LOD		<LOD		651	<LOD	20058.14	<LOD		<LOD	89.98		<LOD	59851.61			33048.59		1311	<LOD	18	<LOD		<LOD	<LOD	21.21		<LOD	<LOD		<LOD		<LOD	594				1961.81		174.63	<LOD	68	261.06
Butler 4	Niton XRF	MN08-69	ppm	83	83.1	862003.13	<LOD		<LOD		621	<LOD	25219.59	<LOD		<LOD	115.9		<LOD	45996.89			52951.11		897	<LOD	<LOD	<LOD		53	<LOD	45.37		6916	<LOD		<LOD		<LOD	1444				2890.63		367.5	<LOD	320	144.11
Butler 4	Niton XRF	MN08-69	ppm	84	84.1	893935.25	<LOD		<LOD		1113	<LOD	19826.18	<LOD		<LOD	166.04		<LOD	30800.91			48842.75		610	<LOD	14	<LOD		35	<LOD	57.72		<LOD	<LOD		<LOD		<LOD	1448				2356.96		391.33	<LOD	148	228.81
Butler 4	Niton XRF	MN08-69	ppm	85	85.1	892300.63	<LOD		<LOD		1236	<LOD	17820.44	<LOD		<LOD	126.3		<LOD	31091.33			52111.94		668	<LOD	16	<LOD		45	<LOD	71.48		<LOD	<LOD		<LOD		<LOD	1252				2361.43		413.71	<LOD	175	263.86
Butler 4	Niton XRF	MN08-69	ppm	86	86.1	886224.19	<LOD		<LOD		894	<LOD	38645.07	<LOD		<LOD	139.8		<LOD	34885.06			32814.22		683	<LOD	14	<LOD		<LOD	<LOD	32.09		<LOD	<LOD		<LOD		<LOD	1662				3170.56		447.83	<LOD	183	169.8
Butler 4	Niton XRF	MN08-69	ppm	87	87.1	876766.69	<LOD		<LOD		880	<LOD	24646.64	<LOD		<LOD	162.44		<LOD	35638.1			35696.62		835	<LOD	14	<LOD		47	<LOD	50.97		20939	<LOD		<LOD		<LOD	1235				2173.67		333.91	<LOD	260	237.73
Butler 4	Niton XRF	MN08-69	ppm	88	88.1	891470.25	<LOD		<LOD		744	<LOD	22359.81	<LOD		<LOD	161.88		<LOD	52317.68			24854.97		3499	<LOD	21	<LOD		30	<LOD	54.7		<LOD	<LOD		<LOD		<LOD	1295				2482.24		251.73	<LOD	176	236.93
Butler 4	Niton XRF	MN08-69	ppm	89	89.1	856089.56	<LOD		<LOD		634	<LOD	32401.86	<LOD		<LOD	227.26		124	53825.92			28674.29		1013	<LOD	28	<LOD		45	<LOD	51.37		21504	<LOD		<LOD		<LOD	1248				2916.99		398.32	<LOD	589	182.29
Butler 4	Niton XRF	MN08-69	ppm	90	90.1	894589.38	<LOD		<LOD		312	<LOD	29431.75	<LOD		<LOD	142.18		<LOD	40929.34			23395.65		659	<LOD	17	<LOD		27	<LOD	35.75		<LOD	<LOD		<LOD		<LOD	1163				2494.91		172.04	<LOD	187	206.12
Butler 4	Niton XRF	MN08-69	ppm	91	91.1	886236.5	<LOD		<LOD		492	<LOD	22693.54	<LOD		<LOD	126.08		103	51732.38			32053.85		1276	<LOD	<LOD	<LOD		<LOD	<LOD	35.5		<LOD	<LOD		<LOD		<LOD	1325				3231.71		235.48	<LOD	246	168.99
Butler 4	Niton XRF	MN08-69	ppm	92	92.1	891972.38	<LOD		<LOD		295	<LOD	31631.09	<LOD		<LOD	153.84		<LOD	44095.83			21700.85		894	<LOD	<LOD	<LOD		<LOD	<LOD	28.53		<LOD	<LOD		<LOD		<LOD	1649				2540.58		276.39	<LOD	214	139.85
Butler 4	Niton XRF	MN08-69	ppm	93	93.1	910549.88	<LOD		<LOD		361	<LOD	21121.42	<LOD		<LOD	170.8		<LOD	38151.02			24385.99		785	<LOD	20	<LOD		<LOD	<LOD	27.5		<LOD	<LOD		<LOD		<LOD	1370				2271.9		246.41	<LOD	208	204.58
Butler 4	Niton XRF	MN08-69	ppm	94	94.1	884643.31	<LOD		<LOD		419	<LOD	30468.25	<LOD		<LOD	151.14		<LOD	44160.55			34190.02		1069	<LOD	<LOD	<LOD		<LOD	<LOD	31.89		<LOD	<LOD		<LOD		<LOD	1063				3119.09		285.09	<LOD	200	159.15
Butler 4	Niton XRF	MN08-69	ppm	95	95.1	898270.06	<LOD		<LOD		705	<LOD	15829.91	<LOD		<LOD	183.08		<LOD	29185.88			50859.8		777	<LOD	14	<LOD		<LOD	<LOD	34.55		<LOD	<LOD		<LOD		<LOD	1136				2416.55		232.74	<LOD	95	223.01
Butler 4	Niton XRF	MN08-69	ppm	96	96.1	817674.19	<LOD		<LOD		184	<LOD	73960.09	<LOD		<LOD	<LOD		<LOD	94093.26			7305.82		2150	<LOD	<LOD	240		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1103				2752.57		301.57	<LOD	162	44.06
Butler 4	Niton XRF	MN08-69	ppm	97	97.1	865748.69	<LOD		<LOD		1576	40	13208.47	<LOD		<LOD	168.86		106	32581.94			77278.73		788	<LOD	31	<LOD		<LOD	<LOD	61.47		<LOD	<LOD		<LOD		<LOD	684				1596.86		377.91	<LOD	80	382.25
Butler 4	Niton XRF	MN08-69	ppm	98	98.1	857983.56	<LOD		<LOD		675	<LOD	43924.56	<LOD		<LOD	214.92		156	48891.03			36667.04		1437	<LOD	14	<LOD		48	<LOD	33.71		<LOD	<LOD		<LOD		<LOD	1252				3119.89		304.61	<LOD	722	193.86
Butler 4	Niton XRF	MN08-69	ppm	99	99.1	905800.13	<LOD		<LOD		503	<LOD	10666.53	<LOD		433	92.68		<LOD	24430.13			53845.14		<LOD	<LOD	<LOD	<LOD		33	<LOD	31.07		<LOD	<LOD		<LOD		<LOD	981				2282.45		271.33	<LOD	67	271.29
Butler 4	Niton XRF	MN08-69	ppm	100	100.1	868149.44	<LOD		<LOD		1123	<LOD	24903.84	<LOD		<LOD	87.91		<LOD	54240.09			44948.01		1190	<LOD	13	<LOD		<LOD	<LOD	42.4		<LOD	<LOD		<LOD		<LOD	1393				3291.63		264.58	<LOD	109	212.41
Butler 4	Niton XRF	MN08-69	ppm	101	101.1	892497.94	<LOD		<LOD		520	<LOD	27878.29	<LOD		<LOD	<LOD		<LOD	40570.9			30793.54		1503	<LOD	13	<LOD		<LOD	<LOD	23.36		<LOD	<LOD		<LOD		<LOD	1970				3824.25		147.76	<LOD	79	151.78
Butler 4	Niton XRF	MN08-69	ppm	102	102.1	852313.75	<LOD		<LOD		391	<LOD	44508.6	<LOD		<LOD	<LOD		<LOD	65312.88			29309.43		2349	20	19	<LOD		<LOD	<LOD	22.16		<LOD	<LOD		<LOD		<LOD	1791				3513.03		<LOD	<LOD	97	113.51
Butler 4	Niton XRF	MN08-69	ppm	103	103.1	815739.38	<LOD		<LOD		454	<LOD	46453.37	<LOD		<LOD	<LOD		<LOD	102268.62			26997.18		2342	<LOD	16	189		32	<LOD	29.36		<LOD	<LOD		<LOD		<LOD	1778				3008.66		516.99	<LOD	116	45.33
Butler 4	Niton XRF	MN08-69	ppm	104	104.1	878937.5	<LOD		<LOD		963	<LOD	57314.28	<LOD		<LOD	130.53		<LOD	29949.66			13070.02		591	<LOD	17	<LOD		<LOD	<LOD	16.08		6455	<LOD		<LOD		<LOD	8316				3536.5		446.95	<LOD	63	163.29
Butler 4	Niton XRF	MN08-69	ppm	105	105.1	848631.81	<LOD		<LOD		1942	<LOD	71736.27	<LOD		<LOD	203.06		<LOD	28403.28			30140.88		602	<LOD	<LOD	<LOD		<LOD	<LOD	22.55		<LOD	<LOD		<LOD		<LOD	8310				3983.3		615.14	<LOD	89	191.41
Butler 4	Niton XRF	MN08-69	ppm	106	106.1	774470.06	<LOD		<LOD		643	<LOD	65495.57	<LOD		<LOD	<LOD		<LOD	99482.32			50269.59		2163	<LOD	<LOD	174		<LOD	<LOD	49.9		<LOD	<LOD		<LOD		<LOD	2417				3915.34		481.74	<LOD	249	48.37
Butler 4	Niton XRF	MN08-69	ppm	107	107.1	823063.5	<LOD		<LOD		249	<LOD	73779.27	<LOD		<LOD	200.71		<LOD	86117.25			9841.72		2457	<LOD	<LOD	<LOD		<LOD	<LOD	6.09		<LOD	<LOD		<LOD		<LOD	1308				2491.83		291.58	<LOD	138	40.09
Butler 4	Niton XRF	MN08-69	ppm	108	108.1	815662.38	<LOD		<LOD		310	<LOD	67318.95	<LOD		<LOD	<LOD		485	96284.87			12873.18		2051	<LOD	<LOD	191		<LOD	<LOD	12.69		<LOD	<LOD		<LOD		<LOD	1454				2645.63		446.56	<LOD	98	50.75

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	MN08-69	ppm	109	109.1	848935.06	<LOD		<LOD		<LOD	<LOD	70111.53	<LOD		<LOD	<LOD		<LOD	53698.53			22056.89		971	<LOD	<LOD	<LOD		<LOD	<LOD	26.64		<LOD	<LOD		<LOD		<LOD	2338				1334.29		223.48	<LOD	100	<LOD
Butler 4	Niton XRF	MN08-69	ppm	110	110.1	811493.13	<LOD		<LOD		201	<LOD	75756.77	<LOD		<LOD	190.88		<LOD	95388.13			10407.96		2102	<LOD	19	280		<LOD	<LOD	6.13		<LOD	<LOD		<LOD		<LOD	1388				2241.78		340.01	<LOD	124	47.31
Butler 4	Niton XRF	MN08-69	ppm	111	111.1	792223.31	<LOD		<LOD		314	<LOD	65284.97	<LOD		<LOD	182.65		<LOD	123917.45			10378.14		2402	<LOD	<LOD	<LOD		<LOD	<LOD	9.38		<LOD	<LOD		<LOD		<LOD	1066				3310.57		405.89	<LOD	209	91.81
Butler 4	Niton XRF	MN08-69	ppm	112	112.1	797187.25	<LOD		<LOD		279	<LOD	97086.43	<LOD		<LOD	<LOD		<LOD	76144.84			23553.56		1522	<LOD	<LOD	<LOD		31	<LOD	31.4		<LOD	<LOD		<LOD		<LOD	2709				940.66		329.05	<LOD	69	<LOD
Butler 4	Niton XRF	MN08-69	ppm	113	113.1	784682.31	<LOD		<LOD		774	<LOD	58379.71	<LOD		<LOD	<LOD		<LOD	86505.13			62760.2		1878	<LOD	<LOD	<LOD		<LOD	<LOD	70.19		<LOD	<LOD		<LOD		<LOD	1794				2274.79		541.78	<LOD	98	27.06
Butler 4	Niton XRF	MN08-69	ppm	114	114.1	808084.13	<LOD		<LOD		198	<LOD	77023.52	<LOD		<LOD	<LOD		174	93596.38			8695.5		1533	<LOD	<LOD	<LOD		<LOD	<LOD	5.41		<LOD	<LOD		<LOD		<LOD	1353				2343.23		321.97	<LOD	148	49.19
Butler 4	Niton XRF	MN08-69	ppm	115	115.1	902031.56	<LOD		<LOD		400	<LOD	23158.04	<LOD		<LOD	107.59		<LOD	43928.14			19752.5		698	<LOD	16	<LOD		<LOD	<LOD	21.31		<LOD	<LOD		<LOD		<LOD	1314				2578.91		196.74	<LOD	94	174.83
Butler 4	Niton XRF	MN08-69	ppm	116	116.1	891940.63	<LOD		<LOD		1030	<LOD	33536.22	<LOD		<LOD	417.93		<LOD	39792.68			26073.85		1010	<LOD	<LOD	<LOD		34	<LOD	26.35		<LOD	<LOD		<LOD		<LOD	1669				3822.09		383.49	<LOD	108	118.41
Butler 4	Niton XRF	MN08-69	ppm	117	117.1	883338.56	<LOD		<LOD		2022	<LOD	32497.43	<LOD		<LOD	150.7		<LOD	29151.38			36203.79		554	<LOD	14	<LOD		33	<LOD	26.38		<LOD	<LOD		<LOD		<LOD	10351				4604.85		706.12	<LOD	112	157.8
Butler 4	Niton XRF	MN08-69	ppm	118	118.1	880449	<LOD		<LOD		1777	<LOD	44169.53	<LOD		<LOD	166.5		<LOD	27971.43			26943.53		364	<LOD	<LOD	<LOD		<LOD	<LOD	21.11		<LOD	<LOD		<LOD		<LOD	9879				3430.6		640.85	<LOD	134	160.77
Butler 4	Niton XRF	MN08-69	ppm	119	119.1	840358.13	<LOD		<LOD		404	<LOD	41274.02	<LOD		<LOD	<LOD		<LOD	83522.84			18457.89		1600	<LOD	18	<LOD		<LOD	<LOD	13.8		<LOD	<LOD		<LOD		<LOD	1405				6075.43		<LOD	<LOD	181	204.11
Butler 4	Niton XRF	MN08-69	ppm	120	120.1	844268.5	<LOD		<LOD		301	<LOD	35764.61	<LOD		<LOD	135.93		<LOD	96060.52			15225.19		1239	<LOD	23	<LOD		<LOD	<LOD	15.61		<LOD	<LOD		<LOD		<LOD	869				5250.3		306.67	<LOD	191	187.47
Butler 4	Niton XRF	MN08-69	ppm	121	121.1	895203	<LOD		<LOD		450	<LOD	18487.91	<LOD		<LOD	85.58		<LOD	58249.82			22329.33		1386	<LOD	20	<LOD		34	<LOD	20.95		<LOD	<LOD		<LOD		<LOD	941				2159.61		179.62	<LOD	141	297.45
Butler 4	Niton XRF	MN08-69	ppm	122	122.1	792175.88	<LOD		<LOD		323	<LOD	101221.41	<LOD		<LOD	<LOD		<LOD	79238.9			20399.37		2603	<LOD	<LOD	<LOD		<LOD	<LOD	18.3		<LOD	<LOD		<LOD		<LOD	1268				1952		376.34	<LOD	125	48.43
Butler 4	Niton XRF	MN08-69	ppm	123	123.1	859778.06	<LOD		<LOD		236	<LOD	29149.51	<LOD		<LOD	<LOD		158	63002.93			7727		1421	<LOD	35	<LOD		39	<LOD	5.66		35263	<LOD		<LOD		<LOD	945				1628.71		156.78	<LOD	97	282.42
Butler 4	Niton XRF	MN08-69	ppm	124	124.1	858435.81	<LOD		<LOD		629	<LOD	15003.37	<LOD		<LOD	118.78		<LOD	73724.87			30062.45		1166	<LOD	18	<LOD		<LOD	<LOD	22.79		17547	<LOD		<LOD		<LOD	329				2192.82		372.1	<LOD	146	104.76
Butler 4	Niton XRF	MN08-69	ppm	125	125.1	824081.88	<LOD		<LOD		391	<LOD	21094.96	<LOD		<LOD	170.52		304	101664.58			13663.37		1236	<LOD	17	<LOD		<LOD	<LOD	15.65		32100	<LOD		<LOD		<LOD	1124				3296.48		314.9	<LOD	380	119.53
Butler 4	Niton XRF	MN08-69	ppm	126	126.1	816171.75	<LOD		<LOD		924	<LOD	38835.43	<LOD		<LOD	153.2		<LOD	89259.37			22100.36		1479	<LOD	<LOD	<LOD		88	<LOD	24.36		24755	<LOD		<LOD		<LOD	1086				3734.32		412.8	<LOD	711	141.67
Butler 4	Niton XRF	MN08-69	ppm	127	127.1	855422.06	<LOD		<LOD		264	<LOD	55178.14	<LOD		<LOD	182.83		<LOD	66844.37			14824.5		939	<LOD	<LOD	<LOD		84	<LOD	13.07		<LOD	<LOD		<LOD		<LOD	1946				3632.34		327.91	<LOD	168	150.07
Butler 4	Niton XRF	MN08-69	ppm	128	128.1	850264.31	<LOD		<LOD		<LOD	<LOD	34435.71	<LOD		<LOD	<LOD		<LOD	87911.49			<LOD		2606	<LOD	17	<LOD		87	<LOD	<LOD		17888	<LOD		<LOD		<LOD	771				5231.63		<LOD	<LOD	291	141.02
Butler 4	Niton XRF	MN08-69	ppm	129	129.1	672388.75	<LOD		<LOD		<LOD	<LOD	3051.7	<LOD		<LOD	413.52		525	159193.47			26830.82		453	<LOD	<LOD	<LOD		170	<LOD	31.56		126093	<LOD		<LOD		<LOD	473				2637.93		209.71	<LOD	7374	109.72
Butler 4	Niton XRF	MN08-69	ppm	130	130.1	693265.94	<LOD		<LOD		<LOD	<LOD	3664.91	<LOD		1111	<LOD		1319	142306.91			3020.8		1241	<LOD	<LOD	<LOD		1428	<LOD	<LOD		135827	<LOD		<LOD		<LOD	85				1552.18		<LOD	<LOD	15014	38.04
Butler 4	Niton XRF	MN08-69	ppm	131	131.1	755939.44	<LOD		<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	274.92		241	149083.19			13998.12		1002	33	21	<LOD		48	<LOD	16.22		71153	<LOD		<LOD		<LOD	80				4889.1		463	<LOD	1540	177.92
Butler 4	Niton XRF	MN08-69	ppm	132	132.1	800408.31	<LOD		<LOD		<LOD	<LOD	5604.78	<LOD		<LOD	<LOD		5079	114941.52			4105.47		1252	<LOD	<LOD	<LOD		1225	<LOD	5.7		62408	<LOD		<LOD		<LOD	<LOD				1354.51		203.82	<LOD	3172	167.79
Butler 4	Niton XRF	MN08-69	ppm	133	133.1	903279.5	<LOD		<LOD		336	<LOD	27140.95	<LOD		<LOD	59.34		<LOD	33696.21			20458.46		445	<LOD	45	<LOD		93	<LOD	33.1		10012	<LOD		<LOD		<LOD	332				3471.96		187	<LOD	194	203.88
Butler 4	Niton XRF	MN08-69	ppm	134	134.1	924684.75	<LOD		<LOD		234	<LOD	15280.37	<LOD		<LOD	82.7		<LOD	30323.89			25433.94		834	<LOD	21	<LOD		<LOD	<LOD	29.66		<LOD	<LOD		<LOD		<LOD	375				2215.63		132.26	<LOD	59	263.97
Butler 4	Niton XRF	MN08-69	ppm	135	135.1	922258.31	<LOD		<LOD		887	<LOD	15227.98	<LOD		<LOD	96.91		<LOD	24345.26			33321.25		634	<LOD	16	<LOD		34	<LOD	23.67		<LOD	<LOD		<LOD		<LOD	488				2117.15		200.57	<LOD	51	270.1
Butler 4	Niton XRF	MN08-69	ppm	136	136.1	892904.31	<LOD		<LOD		357	<LOD	5835.97	<LOD		<LOD	66.38		<LOD	52007.02			40504.95		772	<LOD	29	<LOD		<LOD	<LOD	48.77		<LOD	<LOD		<LOD		<LOD	247				2591.56		<LOD	<LOD	194	232.57
Butler 4	Niton XRF	MN08-69	ppm	137	137.1	924045.5	<LOD		<LOD		449	<LOD	8135.81	<LOD		<LOD	146.02		<LOD	16538.14			47429.65		331	<LOD	12	<LOD		<LOD	<LOD	26.15		<LOD	<LOD		<LOD		<LOD	357				1972.77		220.21	<LOD	38	284.1
Butler 4	Niton XRF	MN08-69	ppm	138	138.1	904086.44	<LOD		<LOD		831	<LOD	8185.76	<LOD		<LOD	134.87		<LOD	22681.74			59867.99		623	<LOD	24	<LOD		<LOD	<LOD	31.7		<LOD	<LOD		<LOD		<LOD	420				2300.13		324.75	<LOD	58	342.3
Butler 4	Niton XRF	MN08-69	ppm	139	139.1	946216.44	<LOD		<LOD		<LOD	27	11656.13	<LOD		<LOD	95.16		<LOD	23021.28			15787.56		592	<LOD	16	<LOD		<LOD	<LOD	14.74		<LOD	<LOD		<LOD		<LOD	335				1715.5		<LOD	<LOD	40	382.77
Butler 4	Niton XRF	MN08-69	ppm	140	140.1	903904.81	<LOD		<LOD		425	<LOD	9895.73	<LOD		<LOD	92.11		<LOD	25426.36			56579.53		444	<LOD	17	<LOD		<LOD	<LOD	34.01		<LOD	<LOD		<LOD		<LOD	378				2248.47		192.77	<LOD	68	279.43
Butler 4	Niton XRF	MN08-69	ppm	141	141.1	915857.63	<LOD		<LOD		575	<LOD	9074.52	<LOD		<LOD	122.49		<LOD	22710.48			47842.64		681	<LOD	14	<LOD		29	<LOD	28.79		<LOD	<LOD		<LOD		<LOD	356				2236.37		123.32	<LOD	61	274.27
Butler 4	Niton XRF	MN08-69	ppm	142	142.1	921846.94	<LOD		<LOD		235	<LOD	18228.48	<LOD		<LOD	74.92		<LOD	34028.82			21388.01		1347	<LOD	19	<LOD		<LOD	<LOD	24.73		<LOD	<LOD		<LOD		<LOD	402				1990.76		141.71	<LOD	51	207.66
Butler 4	Niton XRF	MN08-69	ppm	143	143.1	877814.44	<LOD		<LOD		220	<LOD	47752.17	<LOD		<LOD	70.25		<LOD	51308.08			17798.74		2194	<LOD	22	<LOD		<LOD	<LOD	6.7		<LOD	<LOD		<LOD		<LOD	447				1922.09		<LOD	<LOD	<LOD	276.52
Butler 4	Niton XRF	MN08-69	ppm	144	144.1	913194.5	<LOD		<LOD		<LOD	35	17845.16	<LOD		<LOD	148.93		<LOD	38566.67			26075.63		1421	<LOD	19	<LOD		<LOD	<LOD	28.89		<LOD	<LOD		<LOD		<LOD	241				1923.27		<LOD	<LOD	50	256.05
Butler 4	Niton XRF	MN08-69	ppm	145	145.1	882171.81	<LOD		<LOD		220	<LOD	25302.93	<LOD		<LOD	99.96		<LOD	52698.36			34139.52		2015	<LOD	17	<LOD		<LOD	<LOD	27.81		<LOD	<LOD		<LOD		<LOD	369				2536.54		<LOD	<LOD	79	307.39
Butler 4	Niton XRF	MN08-69	ppm	146	146.1	907700.56	<LOD		<LOD		318	<LOD	23789.68	<LOD		<LOD	97.81		<LOD	37672.76			25959.01		1502	<LOD	17	<LOD		<LOD	<LOD	29.8		<LOD	<LOD		<LOD		<LOD	370				2021.85		137.41	<LOD	87	267.16
Butler 4	Niton XRF	MN08-69	ppm	147	147.1	914222.13	<LOD		<LOD		179	<LOD	9715.01	<LOD		<LOD	137.53		<LOD	42414.42			29244.4		1335	<LOD	14	<LOD		<LOD	<LOD	31.43		<LOD	<LOD		<LOD		<LOD	126				2186.82		138.66	<LOD	78	163.33
Butler 4	Niton XRF	MN08-69	ppm	148	148.1	873146.81	<LOD		<LOD		333	<LOD	34288.76	<LOD		<LOD	142.96		<LOD	48102.85			37776.21		1385	<LOD	42	<LOD		40	<LOD	33.37		<LOD	<LOD		<LOD		<LOD	980				2869.32		254.68	<LOD	126	444.03
Butler 4	Niton XRF	MN08-69	ppm	149	149.1	890719.06	<LOD		<LOD		359	<LOD	16749.31	<LOD		<LOD	115.54		<LOD	49674.13			37126.4		936	<LOD	21	<LOD		<LOD	<LOD	41.3		<LOD	<LOD		<LOD		<LOD	527				3076.64		166.9	<LOD	66	357.09
Butler 4	Niton XRF	MN08-69	ppm	150	150.1	913960.94	<LOD		<LOD		456	<LOD	24221.22	<LOD		<LOD	147.1		<LOD	24348.15			33070.08		919	<LOD	13	<LOD		<LOD	<LOD	24.27		<LOD	<LOD		<LOD		<LOD	434				1829.9		218.59	<LOD	67	252.46
Butler 4	Niton XRF	MN08-69	ppm	151	151.1	925559.06	<LOD		<LOD		142	<LOD	27086.23	<LOD		<LOD	141.66		<LOD	22027.56			21609.91		994	<LOD	14	<LOD		<LOD	<LOD	19.22		<LOD	<LOD		<LOD		<LOD	234				1727.61		128.41	<LOD	41	260.84
Butler 4	Niton XRF	MN08-69	ppm	152	152.1	892131.06	<LOD		<LOD		593	<LOD	15170.94	<LOD		<LOD	109.47		<LOD	32100.97			56059.27		822	<LOD	13	<LOD		<LOD	<LOD	41.54		<LOD	<LOD		<LOD		<LOD	204				2274.23		155.31	<LOD	61	249.42
Butler 4	Niton XRF	MN08-69	ppm	153	153.1	893048.69	<LOD		<LOD		749	<LOD	17422.15	<LOD		<LOD	118.48		<LOD	34231.79			50603.46		518	<LOD	19	<LOD		<LOD	<LOD	47.39		<LOD	<LOD		<LOD		<LOD	298				2281.8		239.4	<LOD	101	279.35
Butler 4	Niton XRF	MN08-69	ppm	154	154.1	893747.19	<LOD		<LOD		1182	<LOD	16956.45	<LOD		<LOD	114.08		<LOD	45606.56			37961.12		951	<LOD	14	<LOD		<LOD	<LOD	35.17		<LOD	<LOD		<LOD		<LOD	273				2393.37		285.64	<LOD	160	269.45
Butler 4	Niton XRF	MN08-69	ppm	155	155.1	904033.25	<LOD		<LOD		174	<LOD	12617.73	<LOD		<LOD	81.57		<LOD	42368.17			36110.54		881	<LOD	13	<LOD		38	<LOD	27.92		<LOD	<LOD		<LOD		<LOD	154				2490.13		114.85	<LOD	571	294.98
Butler 4	Niton XRF	MN08-69	ppm	156	156.1	917260.81	<LOD		<LOD		454	<LOD	1878.78	<LOD		<LOD	<LOD		<LOD	51486.26			24310.6		1618	<LOD	15	<LOD		<LOD	<LOD	11.8		<LOD	<LOD		<LOD		<LOD	<LOD				2234.06		196.4	<LOD	230	241.72
Butler 4	Niton XRF	MN08-69	ppm	157	157.1	916232.69	<LOD		<LOD		316	<LOD	3099.47	<LOD		<LOD	74.29		351	56515.89			17628.74		2095	<LOD	23	<LOD		136	<LOD	12.93		<LOD	<LOD		<LOD		<LOD	153				2649.54		120.13	<LOD	367	185.23
Butler 4	Niton XRF	MN08-69	ppm	158	158.1	917764.75	<LOD		<LOD		412	<LOD	1654.68	<LOD		<LOD	<LOD		<LOD	41747.68			34784.02		986	<LOD	15	<LOD		72	<LOD	22.14		<LOD	<LOD		<LOD		<LOD	192				1642.07		139.78	<LOD	225	288.63
Butler 4	Niton XRF	MN08-69	ppm	159	159.1	928433.56	<LOD		<LOD		370	<LOD	1392.15	<LOD		<LOD	72.93		<LOD	44363.38			21595.26		1402	26	14	<LOD		<LOD	<LOD	13.13		<LOD	<LOD		<LOD		<LOD	39				1675.74		<LOD	<LOD	186	283
Butler 4	Niton XRF	MN08-69	ppm	160	160.1	993314	<LOD		<LOD		<LOD	<LOD	5083.21	<LOD		<LOD	95.68		<LOD	915.98			<LOD		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				441.17		121.92	<LOD	<LOD	<LOD
Butler 4	Niton XRF	MN08-69	ppm	161	161.1	907309.5	<LOD		<LOD		<LOD	<LOD	874.83	<LOD		<LOD	<LOD		<LOD	84201.97			2584.65		2937	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1028.49		228.44	<LOD	587	85.87
Butler 4	Niton XRF	MN08-69	ppm	162	162.1	925450.88	<LOD		<LOD		418	<LOD	<LOD	<LOD		<LOD	60.17		<LOD	29893.38			39530.61		710	<LOD	15	<LOD		<LOD	<LOD	19.97		<LOD	<LOD		<LOD		<LOD	86				2309.29		276.22	<LOD	138	247.72
Butler 4	Niton XRF	MN08-69	ppm	163	163.1	929732	<LOD		<LOD		231	<LOD	<LOD	<LOD		<LOD	85.23		<LOD	45178.11			20106.18		1392	<LOD	<LOD	<LOD		<LOD	<LOD	10.32		<LOD	<LOD		<LOD		<LOD	<LOD				1760.74		237.56	<LOD	286	233.45
Butler 4	Niton XRF	MN08-69	ppm	164	164.1	902002.13	<LOD		<LOD		307	<LOD	<LOD	13		<LOD	<LOD		<LOD	72064.15			19788.81		1439	<LOD	14	<LOD		<LOD	<LOD	13.87		<LOD	<LOD		<LOD		<LOD	35				2211.37		<LOD	<LOD	735	259.48
Butler 4	Niton XRF	MN08-69	ppm	165	165.1	871938.19	<LOD		<LOD		<LOD	<LOD	2949.84	<LOD		<LOD	139.42		<LOD	103173.14			9573.47		1632	<LOD	<LOD	<LOD		<LOD	<LOD	7.21		<LOD	<LOD		<LOD		<LOD	<LOD				3470.75		243.91	<LOD	333	86.28
Butler 4	Niton XRF	MN08-69	ppm	166	166.1	834629.81	10		<LOD		306	<LOD	6613.55	<LOD		<LOD	131.29		<LOD	102029.62			28240.99		1369	<LOD	<LOD	<LOD		<LOD	<LOD	21.75		21903	<LOD		<LOD		<LOD	102				3773.22		389.44	<LOD	295	105.61
Butler 4	Niton XRF	MN08-69	ppm	167	167.1	911825.88	<LOD		<LOD		342	<LOD	16718.64	<LOD		<LOD	116.7		<LOD	43023.6			23918.01		373	<LOD	18	<LOD		30	<LOD	29.17		<LOD	<LOD		<LOD		<LOD	697				2335.18		146.27	<LOD	132	280.58
Butler 4	Niton XRF	MN08-69	ppm	168	168.1	816059.25	<LOD		<LOD		310	<LOD	85712.65	<LOD		<LOD	<LOD		<LOD	85798.13			6281.83		3241	<LOD	<LOD	<LOD		<LOD	<LOD	6.14		<LOD	<LOD		<LOD		<LOD	285				1821.18		<LOD	<LOD	86	126.49
Butler 4	Niton XRF	MN08-69	ppm	169	169.1	901370.19	<LOD		<LOD		357	<LOD	31748.75	<LOD		<LOD	94.38		<LOD	43549.39			18488.53		1253	<LOD	20	<LOD		<LOD	<LOD	18.26		<LOD	<LOD		<LOD		<LOD	405				2191.28		<LOD	<LOD	75	295.61
Butler 4	Niton XRF	MN08-69	ppm	170	170.1	875987.63	<LOD		<LOD		421	<LOD	10508.58	<LOD		<LOD	113.54		<LOD	62747.04			33403.24		923	<LOD	<LOD	<LOD		<LOD	<LOD	24.87		11716	<LOD		<LOD		<LOD	261				3204.14		312.14	<LOD	166	196.08
Butler 4	Niton XRF	MN08-69	ppm	171	171.1	867985.25	<LOD		<LOD		495	<LOD	12353.52	<LOD		<LOD	333.04		128	81211.18			31426.4		1579	<LOD	<LOD	<LOD		41	<LOD	21.66		<LOD	<LOD		<LOD		<LOD	276				3257.54		430.59	<LOD	220	76
Butler 4	Niton XRF	MN08-69	ppm	172	172.1	861783.81	<LOD		<LOD		256	<LOD	38153.52	<LOD		<LOD	359.52		<LOD	78559.84			15704.98		1071	21	<LOD	<LOD		39	<LOD	11.1		<LOD	<LOD		<LOD		<LOD	309				2946.14		366	<LOD	110	86.38
Butler 4	Niton XRF	MN08-69	ppm	173	173.1	857738.56	<LOD		<LOD		319	<LOD	7614.01	<LOD		<LOD	305.42		<LOD	106422.85			22601.31		1625	<LOD	<LOD	167		<LOD	<LOD	21.28		<LOD	<LOD		<LOD		<LOD	65				2547.22		275.53	<LOD	188	71.2
Butler 4	Niton XRF	MN08-69	ppm	174	174.1	891156.31	<LOD		<LOD		253	<LOD	2233.75	<LOD		<LOD	208.33		<LOD	79977.3			20481.91		1133	<LOD	14	<LOD		<LOD	<LOD	15.5		<LOD	<LOD		<LOD		<LOD	47				3687.71		332.74	<LOD	240	129.33
Butler 4	Niton XRF	MN08-69	ppm	175	175.1	920041.94	<LOD		<LOD		132	<LOD	6359.3	<LOD		<LOD	<LOD		<LOD	48581.42			21665.81		666	<LOD	16	<LOD		<LOD	<LOD	17.28		<LOD	<LOD		<LOD		<LOD	63				1935.08		<LOD	<LOD	197	252.85
Butler 4	Niton XRF	MN08-69	ppm	176	176.1	929473.5	<LOD		<LOD		290	<LOD	8611.62	<LOD		<LOD	123.2		<LOD	25354.99			32998.33		425	<LOD	20	<LOD		<LOD	<LOD	18.06		<LOD	<LOD		<LOD		<LOD	99				2067.07		157.95	<LOD	73	273.11
Butler 4	Niton XRF	MN08-69	ppm	177	177.1	925240.31	<LOD		<LOD		192	<LOD	17665.55	<LOD		<LOD	124.21		<LOD	29758.4			23467.43		315	<LOD	20	<LOD		28	<LOD	16.88		<LOD	<LOD		<LOD		<LOD	299				2419.75		101.12	<LOD	49	289.39
Butler 4	Niton XRF	MN08-69	ppm	178	178.1	928741.06	<LOD		<LOD		416	<LOD	10562.05	<LOD		<LOD	113.3		<LOD	27340.62			28380.33		806	<LOD	13	<LOD		<LOD	<LOD	21.36		<LOD	<LOD		<LOD		<LOD	164				2863.84		186.67	<LOD	73	283.64
Butler 4	Niton XRF	MN08-69	ppm	179	179.1	937631.5	<LOD		<LOD		159	<LOD	18044.24	<LOD		<LOD	112.3		<LOD	22362.45			18124.87		<LOD	<LOD	25	<LOD		38	<LOD	15.44		<LOD	<LOD		<LOD		<LOD	621				2023.62		158.01	<LOD	57	311.28
Butler 4	Niton XRF	MN08-69	ppm	180	180.1	815546.25	<LOD		<LOD		462	<LOD	18830.45	<LOD		<LOD	<LOD		<LOD	116911.38			39604.54		683	<LOD	16	<LOD		<LOD	<LOD	33.51		<LOD	<LOD		<LOD		<LOD	648				6474.76		231.63	<LOD	286	183.74
Butler 4	Niton XRF	MN08-69	ppm	181	181.1	917453.44	<LOD		<LOD		286	<LOD	4916.54	<LOD		<LOD	129.51		<LOD	35171.96			38399.48		474	<LOD	24	<LOD		29	<LOD	25.17		<LOD	<LOD		<LOD		<LOD	158				2318.31		164.44	<LOD	162	274.66
Butler 4	Niton XRF	MN08-69	ppm	182	182.1	930766.06	<LOD		<LOD		129	<LOD	1797.66	<LOD		<LOD	71.51		<LOD	40131.92			23878.06		<LOD	<LOD	14	<LOD		<LOD	<LOD	11.98		<LOD	<LOD		<LOD		<LOD	64				2364.67		<LOD	<LOD	123	279.36
Butler 4	Niton XRF	MN08-69	ppm	183	183.1	925389.13	<LOD		<LOD		224	<LOD	8407.76	<LOD		<LOD	70.65		<LOD	52977.03			8896.74		328	<LOD	17	<LOD		28	<LOD	8.33		<LOD	<LOD		<LOD		<LOD	825				2297.36		<LOD	<LOD	251	264.66
Butler 4	Niton XRF	MN08-69	ppm	183	183.05	930925.13	<LOD		<LOD	<LOD		14.14	6270.19	<LOD		<LOD	<LOD		<LOD	48398.65	<LOD	<LOD	10446.82		279.82	12.67	14.31	<LOD		<LOD	<LOD	6.59	<LOD	<LOD	<LOD		<LOD		42.54	86.67	<LOD		<LOD	2000.47	<LOD	122.08	<LOD	164.18	304.59
Butler 4	Niton XRF	MN08-69	ppm	184	184.1	923622.06	<LOD		<LOD		304	<LOD	4916.2	<LOD		<LOD	89.57		<LOD	47187.98			19617.2		581	<LOD	<LOD	<LOD		<LOD	<LOD	13.74		<LOD	<LOD		<LOD		<LOD	647				2403.79		142.01	<LOD	120	311.48
Butler 4	Niton XRF	MN08-69	ppm	185	185.1	851553.5	<LOD		<LOD		781	<LOD	57802	<LOD		<LOD	129.09		<LOD	62192.52			18120.27		1234	<LOD	17	<LOD		<LOD	<LOD	14.07		<LOD	<LOD		<LOD		<LOD	3771				3788.32		384.21	<LOD	90	67.39
Butler 4	Niton XRF	MN08-69	ppm	186	186.1	927202.31	<LOD		<LOD		133	<LOD	1384.38	<LOD		<LOD	<LOD		<LOD	45164.37			22346.22		741	<LOD	21	<LOD		<LOD	<LOD	10.48		<LOD	<LOD		<LOD		<LOD	<LOD				2419.5		181.78	<LOD	67	255.56
Butler 4	Niton XRF	MN08-69	ppm	187	187.1	845332.56	<LOD		<LOD		409	<LOD	2153	<LOD		<LOD	<LOD		<LOD	111961			33662.66		1961	<LOD	16	<LOD		<LOD	<LOD	25.12		<LOD	<LOD		<LOD		<LOD	<LOD				3615.11		499.28	<LOD	145	96.78
Butler 4	Niton XRF	MN08-69	ppm	188	188.1	848405.06	<LOD		<LOD		790	<LOD	52538.21	<LOD		<LOD	93.52		<LOD	73272.75			18449.34		2744	<LOD	29	<LOD		<LOD	<LOD	16.18		<LOD	<LOD		<LOD		<LOD	552				2501.37		247.1	<LOD	66	257.07
Butler 4	Niton XRF	MN08-69	ppm	189	189.1	809188.81	<LOD		<LOD		600	<LOD	29918.56	<LOD		<LOD	206.83		<LOD	83481.73			35603.32		1013	<LOD	<LOD	<LOD		<LOD	<LOD	28.75		35417	<LOD		<LOD		<LOD	606				3195.69		310.17	<LOD	153	116.34
Butler 4	Niton XRF	MN08-69	ppm	190	190.1	798562.94	<LOD		<LOD		401	<LOD	25644.96	<LOD		<LOD	<LOD		<LOD	112821.09			51357.94		1883	<LOD	23	185		<LOD	<LOD	45.1		<LOD	<LOD		<LOD		<LOD	410				7686.9		570.55	<LOD	260	119.22
Butler 4	Niton XRF	MN08-69	ppm	190	190.05	902973.38	<LOD		<LOD	<LOD		<LOD	41309.4	<LOD		<LOD	98.13		<LOD	29142.38	<LOD	<LOD	16867.71		468.6	<LOD	<LOD	<LOD		35.65	<LOD	12.24	<LOD	3389.38	<LOD		<LOD		55.49	108.4	<LOD		<LOD	1497.27	<LOD	148.89	<LOD	36.06	106.24
Butler 4	Niton XRF	MN08-69	ppm	191	191.1	855898.5	<LOD		<LOD		397	<LOD	18237.36	<LOD		<LOD	353.61		<LOD	82483.74			36175.41		2248	<LOD	<LOD	<LOD		<LOD	<LOD	25.99		<LOD	<LOD		<LOD		<LOD	171				3564.39		207.09	<LOD	124	87.87
Butler 4	Niton XRF	MN08-69	ppm	192	192.1	869737.5	<LOD		<LOD		412	<LOD	18143.19	<LOD		<LOD	317.43		118	83658.1			20601.08		2917	<LOD	<LOD	<LOD		<LOD	<LOD	18.2		<LOD	<LOD		<LOD		<LOD	143				3246.37		427.96	<LOD	152	76.33
Butler 4	Niton XRF	MN08-69	ppm	193	193.1	888252	<LOD		<LOD		133	<LOD	5278.58	<LOD		<LOD	336.83		<LOD	72322.91			11063.18		1457	<LOD	<LOD	<LOD		<LOD	<LOD	5.42		17952	<LOD		<LOD		<LOD	41				2602.85		263.53	<LOD	131	70.84
Butler 4	Niton XRF	MN08-69	ppm	194	194.1	848363.06	<LOD		<LOD		411	<LOD	19475.63	<LOD		<LOD	381.17		<LOD	88586.73			28227.02		2278	<LOD	14	<LOD		<LOD	<LOD	21.94		<LOD	<LOD		<LOD		<LOD	147				3325.7		461.26	<LOD	114	87.88
Butler 4	Niton XRF	MN08-69	ppm	195	195.1	871893.06	<LOD		<LOD		130	<LOD	11898.79	<LOD		<LOD	254.13		<LOD	98134.34			13062.63		887	<LOD	<LOD	<LOD		<LOD	<LOD	9.96		<LOD	<LOD		<LOD		<LOD	136				3138.78		274.19	<LOD	77	88.49
Butler 4	Niton XRF	MN08-69	ppm	196	196.1	927043.94	<LOD		<LOD		140	<LOD	8477.39	<LOD		<LOD	104.92		<LOD	49145.76			11741.79		360	20	20	<LOD		<LOD	<LOD	12.7		<LOD	<LOD		<LOD		<LOD	365				2094.75		211.17	<LOD	<LOD	249.38
Butler 4	Niton XRF	MN08-69	ppm	197	197.1	949395.81	<LOD		<LOD		316	<LOD	1880.2	<LOD		<LOD	101.4		<LOD	22932.84			23282.39		<LOD	<LOD	12	<LOD		<LOD	<LOD	18.38		<LOD	<LOD		<LOD		<LOD	56				1580.51		107.13	<LOD	<LOD	262.6
Butler 4	Niton XRF	MN08-69	ppm	198	198.1	905664	<LOD		<LOD		484	<LOD	4951.04	<LOD		<LOD	<LOD		<LOD	45697.72			38881.37		<LOD	<LOD	27	<LOD		<LOD	<LOD	26.19		<LOD	<LOD		<LOD		<LOD	156				3392.02		306.85	<LOD	<LOD	284.43
Butler 4	Niton XRF	MN08-69	ppm	198	198.05	930371.69	<LOD		<LOD	<LOD		22.84	2790.84	<LOD		<LOD	91.26		<LOD	34733.34	<LOD	<LOD	27434.18		246.17	<LOD	22.68	<LOD		<LOD	<LOD	20.09	<LOD	<LOD	<LOD		<LOD		60.21	31.12	<LOD		16.78	2334.88	<LOD	154.86	<LOD	<LOD	289.7
Butler 4	Niton XRF	MN08-69	ppm	199	199.1	905631.63	<LOD		<LOD		377	<LOD	5736.39	<LOD		<LOD	<LOD		<LOD	43544.02			40589.55		<LOD	<LOD	<LOD	<LOD		38	<LOD	26.23		<LOD	<LOD		<LOD		<LOD	374				2923.46		156.19	<LOD	87	304.46
Butler 4	Niton XRF	MN08-69	ppm	200	200.1	935141	<LOD		<LOD		189	<LOD	<LOD	<LOD		<LOD	79.46		<LOD	33813.9			27509.51		<LOD	<LOD	15	<LOD		<LOD	<LOD	15.9		<LOD	<LOD		<LOD		<LOD	<LOD				1804.73		175.01	<LOD	84	297.26
Butler 4	Niton XRF	MN08-69	ppm	201	201.1	939647.19	<LOD		<LOD		<LOD	<LOD	1211.41	<LOD		<LOD	102.39		<LOD	38818.77			17160.81		<LOD	<LOD	26	<LOD		35	<LOD	8.79		<LOD	<LOD		<LOD		<LOD	54				2241.36		<LOD	<LOD	143	284.17
Butler 4	Niton XRF	MN08-69	ppm	202	202.1	926670.13	<LOD		<LOD		149	<LOD	<LOD	<LOD		<LOD	92.91		<LOD	47469.45			21469.41		408	<LOD	12	<LOD		<LOD	<LOD	12.58		<LOD	<LOD		<LOD		<LOD	<LOD				2213.06		173.38	<LOD	142	293.98
Butler 4	Niton XRF	MN08-69	ppm	203	203.1	821983.13	<LOD		<LOD		158	<LOD	56963.43	<LOD		<LOD	<LOD		<LOD	111439.12			<LOD		2257	<LOD	16	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	625				6009.23		<LOD	<LOD	118	143.1
Butler 4	Niton XRF	MN08-69	ppm	204	204.1	910998.94	<LOD		<LOD		194	<LOD	1895.05	<LOD		<LOD	105.47		<LOD	53329.14			25035.42		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	15.82		<LOD	<LOD		<LOD		<LOD	348				2410.18		<LOD	<LOD	213	294.72
Butler 4	Niton XRF	MN08-69	ppm	205	205.1	927134.19	<LOD		<LOD		123	<LOD	1208.85	<LOD		<LOD	87.98		<LOD	44987.98			23732.67		<LOD	<LOD	14	<LOD		<LOD	<LOD	16.76		<LOD	<LOD		<LOD		<LOD	31				1729.49		120.04	<LOD	212	294.8

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	MN08-69	ppm	205	205.05	927277	<LOD		<LOD	<LOD		19.14	2429.59	<LOD		<LOD	<LOD		<LOD	43196.99	<LOD	<LOD	22395.08		356.57	<LOD	14.25	<LOD		<LOD	<LOD	8.97	<LOD	<LOD	<LOD		<LOD		59.57	79.47	<LOD		<LOD	2494.56	<LOD	105.61	<LOD	115.68	274.63
Butler 4	Niton XRF	MN08-69	ppm	206	206.1	776416.94	<LOD		<LOD		713	<LOD	8231.92	<LOD		<LOD	<LOD		479	124003.09			62497.11		1547	<LOD	43	<LOD		53	<LOD	37.29		16255	<LOD		<LOD		<LOD	109				6793.66		<LOD	<LOD	817	874.17
Butler 4	Niton XRF	MN08-69	ppm	207	207.1	810401.94	<LOD		<LOD		<LOD	<LOD	58295.83	<LOD		<LOD	<LOD		<LOD	120978.2			<LOD		2040	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	1179				6334.25		418.28	<LOD	170	151.06
Butler 4	Niton XRF	MN08-69	ppm	208	208.1	826426.63	<LOD		<LOD		361	<LOD	46079.59	<LOD		<LOD	<LOD		132	104950.21			13188.76		<LOD	<LOD	<LOD	<LOD		37	<LOD	6.49		<LOD	<LOD		<LOD		56	468				7421.33		627.32	<LOD	99	131.4
Butler 4	Niton XRF	MN08-69	ppm	209	209.1	935858.38	<LOD		<LOD		<LOD	<LOD	1011.12	<LOD		<LOD	119.43		288	48761.41			10435.66		1037	<LOD	15	<LOD		<LOD	<LOD	6.16		<LOD	<LOD		<LOD		<LOD	<LOD				1713.76		107.06	<LOD	283	339.31
Butler 4	Niton XRF	MN08-69	ppm	210	210.1	923234.63	<LOD		<LOD		123	<LOD	1286.62	<LOD		<LOD	85.89		197	69324.48			1690.78		1485	<LOD	17	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		49	<LOD				1937.71		<LOD	<LOD	87	349.15
Butler 4	Niton XRF	MN08-69	ppm	211	211.1	914513.69	<LOD		<LOD		<LOD	<LOD	1966.6	<LOD		<LOD	79.88		252	56251.38			14659.42		866	<LOD	23	<LOD		<LOD	<LOD	8.93		9044	<LOD		<LOD		<LOD	56				1731.13		<LOD	<LOD	114	302.4
Butler 4	Niton XRF	MN08-69	ppm	212	212.1	878320.44	<LOD		<LOD		174	<LOD	8907.21	<LOD		<LOD	97.53		<LOD	87000.05			20676.92		1620	<LOD	21	<LOD		<LOD	<LOD	18.82		<LOD	<LOD		<LOD		<LOD	204				1912.14		<LOD	<LOD	620	283.4
Butler 4	Niton XRF	MN08-69	ppm	213	213.1	876193	<LOD		<LOD		<LOD	<LOD	3661.68	<LOD		<LOD	<LOD		<LOD	116654.53			<LOD		875	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	65				2036.18		<LOD	<LOD	256	230.68
Butler 4	Niton XRF	MN08-69	ppm	214	214.1	905149.69	<LOD		<LOD		345	<LOD	<LOD	<LOD		<LOD	101.07		<LOD	68440.69			22392.92		<LOD	<LOD	20	<LOD		<LOD	<LOD	14.82		<LOD	<LOD		<LOD		<LOD	<LOD				2372.22		158.9	<LOD	153	316.32
Butler 4	Niton XRF	MN08-69	ppm	215	215.1	841928.56	<LOD		<LOD		135	<LOD	38134.14	<LOD		<LOD	<LOD		<LOD	101682.66			9853.33		1103	<LOD	23	<LOD		<LOD	<LOD	12.03		<LOD	<LOD		<LOD		<LOD	566				5538.1		214.53	<LOD	464	207.3
Butler 4	Niton XRF	MN08-69	ppm	215	215.05	824423.19	<LOD		<LOD	<LOD		<LOD	45855.87	<LOD		<LOD	<LOD		<LOD	110144.63	<LOD	<LOD	6967.88		1418.27	<LOD	25.28	<LOD		34.15	<LOD	7.18	<LOD	<LOD	<LOD		<LOD		<LOD	768.04	<LOD		<LOD	8673.32	<LOD	285.67	<LOD	544.75	147.04
Butler 4	Niton XRF	MN08-69	ppm	216	216.1	834877.88	<LOD		<LOD		169	<LOD	45943.96	<LOD		<LOD	103.34		<LOD	101806.31			7978.07		1564	<LOD	28	<LOD		<LOD	<LOD	8.54		<LOD	<LOD		<LOD		<LOD	579				6177.4		300.98	<LOD	197	172
Butler 4	Niton XRF	MN08-69	ppm	217	217.1	888930.19	<LOD		<LOD		<LOD	<LOD	7101.76	<LOD		<LOD	<LOD		<LOD	100785.43			<LOD		931	<LOD	25	<LOD		<LOD	<LOD	4.74		<LOD	<LOD		<LOD		<LOD	50				1579.44		<LOD	<LOD	270	282.58
Butler 4	Niton XRF	MN08-69	ppm	218	218.1	828149.31	<LOD		<LOD		346	<LOD	21410.19	<LOD		<LOD	<LOD		<LOD	123211.41			18543.51		803	<LOD	21	<LOD		97	<LOD	20.31		<LOD	<LOD		<LOD		<LOD	497				6261.18		308.62	<LOD	203	114.23
Butler 4	Niton XRF	MN08-69	ppm	219	219.1	911009.69	<LOD		<LOD		213	<LOD	1126.7	<LOD		<LOD	<LOD		<LOD	66980.46			17376.91		349	<LOD	19	<LOD		<LOD	<LOD	12.76		<LOD	<LOD		<LOD		<LOD	<LOD				2233.28		125.43	<LOD	146	339.97
Butler 4	Niton XRF	MN08-69	ppm	220	220.1	896512	<LOD		<LOD		<LOD	<LOD	1093.87	<LOD		<LOD	<LOD		<LOD	95217.49			3711.39		853	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1704.07		<LOD	<LOD	622	253.19
Butler 4	Niton XRF	MN08-69	ppm	221	221.1	925397.94	<LOD		<LOD		124	<LOD	1136.49	<LOD		<LOD	98.48		<LOD	60672.08			5086.04		748	<LOD	30	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	<LOD				1700.67		<LOD	<LOD	141	299.53
Butler 4	Niton XRF	MN08-69	ppm	221	221.05	903844.69	<LOD		<LOD	<LOD		<LOD	1231.14	<LOD		<LOD	76.65		<LOD	86724.55	<LOD	<LOD	3290.78		1324.2	<LOD	24.35	<LOD		<LOD	<LOD	2.85	<LOD	<LOD	<LOD		<LOD		69.96	28.93	<LOD		<LOD	1882.28	<LOD	<LOD	<LOD	168.43	304.33
Butler 4	Niton XRF	MN08-69	ppm	222	222.1	885286.5	<LOD		<LOD		448	<LOD	1864.22	<LOD		<LOD	<LOD		<LOD	82600.27			20983.84		462	<LOD	19	<LOD		39	<LOD	19.42		<LOD	<LOD		<LOD		<LOD	94				2089.21		158.21	<LOD	151	278.33
Butler 4	Niton XRF	MN08-69	ppm	223	223.1	955701.31	<LOD		<LOD		<LOD	<LOD	2270.02	<LOD		<LOD	100.38		<LOD	36381.03			3312.67		<LOD	<LOD	30	<LOD		<LOD	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	62				1683.3		<LOD	<LOD	63	294.06
Butler 4	Niton XRF	MN08-69	ppm	224	224.1	824389.5	<LOD		<LOD		<LOD	<LOD	44658.05	<LOD		<LOD	<LOD		<LOD	119093.76			2406.91		919	<LOD	<LOD	<LOD		88	<LOD	<LOD		<LOD	<LOD		<LOD		<LOD	573				6862.09		491.91	<LOD	293	107.62
Butler 4	Niton XRF	MN08-69	ppm	224	224.05	820223.31	<LOD		<LOD	<LOD		<LOD	48795.28	<LOD		<LOD	<LOD		<LOD	121133.42	<LOD	<LOD	<LOD		1301.01	<LOD	11.56	<LOD		108.08	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	666.64	<LOD		<LOD	6531.42	<LOD	444.32	<LOD	156.97	102.9
Butler 4	Niton XRF	MN08-69	ppm	225	225.1	923237.13	<LOD		<LOD		<LOD	<LOD	2393.96	<LOD		<LOD	101.13		<LOD	55665.64			2681.11		541	<LOD	23	<LOD		<LOD	<LOD	4.05		12183	<LOD		<LOD		<LOD	45				2620.68		<LOD	<LOD	150	337.8
Butler 4	Niton XRF	MN08-69	ppm	225.1	225.55	923380.5	<LOD		<LOD		114	<LOD	1210.55	<LOD		<LOD	109.04		<LOD	60536.57			11621.44		<LOD	<LOD	28	<LOD		<LOD	<LOD	8.48		<LOD	<LOD		<LOD		<LOD	34				1895.23		<LOD	<LOD	294	337.81
Butler 4	Niton XRF	MN10-121	ppm	35	35.1	924520.44	<LOD	<LOD	<LOD	<LOD	231	<LOD	1161.19	<LOD	<LOD	<LOD	111.61	<LOD	<LOD	50834.82	<LOD	<LOD	15503.94	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	11.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	2545.12	<LOD	173.56	<LOD	45	283.37
Butler 4	Niton XRF	MN10-121	ppm	36	36.1	960416.5	<LOD	<LOD	<LOD	<LOD	126	<LOD	2388.76	<LOD	<LOD	<LOD	91.34	<LOD	<LOD	22855.89	<LOD	<LOD	12560.54	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	11.98	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	1033.95	<LOD	105.1	<LOD	<LOD	291.61
Butler 4	Niton XRF	MN10-121	ppm	37	37.1	964545.75	<LOD	<LOD	<LOD	<LOD	132	<LOD	726.32	<LOD	<LOD	<LOD	117.21	<LOD	<LOD	21510.86	<LOD	<LOD	11169.23	<LOD	<LOD	<LOD	28	<LOD	<LOD	<LOD	<LOD	8.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1255.23	<LOD	201.78	<LOD	<LOD	268.16
Butler 4	Niton XRF	MN10-121	ppm	38	38.1	942048.56	<LOD	<LOD	<LOD	<LOD	163	<LOD	827.29	<LOD	<LOD	<LOD	100.22	<LOD	<LOD	33573.95	<LOD	<LOD	21553.82	<LOD	<LOD	<LOD	27	<LOD	<LOD	<LOD	<LOD	14.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	1209.09	<LOD	99.41	<LOD	45	271.11
Butler 4	Niton XRF	MN10-121	ppm	39	39.1	938052.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	779.44	<LOD	<LOD	<LOD	80.97	<LOD	<LOD	57216.58	<LOD	<LOD	1775.29	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	4.95	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1504.49	<LOD	214.61	<LOD	<LOD	290.15
Butler 4	Niton XRF	MN10-121	ppm	40	40.1	934509.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2180.21	<LOD	<LOD	<LOD	87.04	<LOD	<LOD	51755.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4382.47	<LOD	<LOD	<LOD	59	279.95
Butler 4	Niton XRF	MN10-121	ppm	41	41.1	911981.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2473.43	<LOD	<LOD	<LOD	209.28	<LOD	<LOD	80575.62	<LOD	<LOD	<LOD	<LOD	411	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4045.35	<LOD	<LOD	<LOD	75	199.04
Butler 4	Niton XRF	MN10-121	ppm	42	42.1	857743	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	966.28	<LOD	<LOD	<LOD	146.66	<LOD	<LOD	84365.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	53035	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2925.9	<LOD	320.36	<LOD	77	134.13
Butler 4	Niton XRF	MN10-121	ppm	43	43.1	816340.63	<LOD	<LOD	31	<LOD	<LOD	<LOD	1828.82	<LOD	<LOD	<LOD	171.93	<LOD	<LOD	92849.11	<LOD	<LOD	2577.11	<LOD	<LOD	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	78605	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	6458.78	<LOD	288.45	<LOD	136	293.54
Butler 4	Niton XRF	MN10-121	ppm	44	44.1	931241.38	<LOD	<LOD	<LOD	<LOD	154	<LOD	1545.25	<LOD	<LOD	<LOD	155.5	<LOD	<LOD	53539.09	<LOD	<LOD	9881.73	<LOD	456	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3.77	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2568.95	<LOD	205.95	<LOD	89	132.6
Butler 4	Niton XRF	MN10-121	ppm	45	45.1	920436.19	<LOD	<LOD	<LOD	<LOD	277	<LOD	1266.52	<LOD	<LOD	<LOD	123.22	<LOD	<LOD	53887.77	<LOD	<LOD	15648.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2121.49	<LOD	251.46	<LOD	<LOD	152.65
Butler 4	Niton XRF	MN10-121	ppm	46	46.1	889722.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6250.6	<LOD	<LOD	<LOD	138.98	<LOD	<LOD	97459.84	<LOD	<LOD	3662.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	2110.31	<LOD	180.66	<LOD	66	103.48
Butler 4	Niton XRF	MN10-121	ppm	47	47.1	819117.56	<LOD	<LOD	<LOD	<LOD	212	<LOD	1042.14	<LOD	<LOD	<LOD	225.33	<LOD	316	117831.48	<LOD	<LOD	8017.93	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	12.49	<LOD	48271	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4458.21	<LOD	255.29	<LOD	58	127.81
Butler 4	Niton XRF	MN10-121	ppm	48	48.1	723745.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3029.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	151303.94	<LOD	<LOD	<LOD	<LOD	<LOD	42	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119034	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1753.2	<LOD	253.68	<LOD	79	124.83
Butler 4	Niton XRF	MN10-121	ppm	49	49.1	699644.69	<LOD	<LOD	<LOD	<LOD	194	<LOD	5663.49	<LOD	<LOD	<LOD	678.53	<LOD	<LOD	179417.7	<LOD	<LOD	18414.13	<LOD	699	<LOD	21	<LOD	<LOD	<LOD	<LOD	18.62	<LOD	88175	<LOD	<LOD	<LOD	<LOD	<LOD	66	<LOD	<LOD	<LOD	5986.01	<LOD	563.06	<LOD	176	268.02
Butler 4	Niton XRF	MN10-121	ppm	50	50.1	926190.25	<LOD	<LOD	15	<LOD	215	<LOD	1519.5	<LOD	<LOD	<LOD	107.78	<LOD	<LOD	49251.1	<LOD	<LOD	14932.06	<LOD	<LOD	<LOD	12	<LOD	<LOD	<LOD	<LOD	11.71	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2702.88	<LOD	226.88	<LOD	<LOD	136.83
Butler 4	Niton XRF	MN10-121	ppm	51	51.1	902508	<LOD	<LOD	<LOD	<LOD	617	<LOD	4105.41	<LOD	<LOD	<LOD	83.91	<LOD	<LOD	57361.49	<LOD	<LOD	22074.72	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.52	<LOD	9479	<LOD	<LOD	<LOD	<LOD	<LOD	59	<LOD	<LOD	<LOD	2739.75	<LOD	148.37	<LOD	57	163.28
Butler 4	Niton XRF	MN10-121	ppm	52	52.1	931161.06	<LOD	<LOD	<LOD	<LOD	135	<LOD	2182.49	<LOD	<LOD	<LOD	145.91	<LOD	<LOD	53789.21	<LOD	<LOD	9117.48	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	7.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2777.46	<LOD	<LOD	<LOD	54	183.53
Butler 4	Niton XRF	MN10-121	ppm	53	53.1	865070.44	<LOD	<LOD	<LOD	<LOD	158	<LOD	4520.9	<LOD	<LOD	<LOD	125.3	<LOD	<LOD	86455.91	<LOD	<LOD	34968.01	<LOD	418	<LOD	27	<LOD	<LOD	<LOD	<LOD	17.1	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	153	<LOD	<LOD	<LOD	7303.41	<LOD	273.83	<LOD	107	275.56
Butler 4	Niton XRF	MN10-121	ppm	54	54.1	897657.94	<LOD	<LOD	<LOD	<LOD	325	<LOD	2925.8	<LOD	<LOD	<LOD	144.06	<LOD	<LOD	66619.34	<LOD	<LOD	18547.09	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20.51	<LOD	10590	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2391.49	<LOD	214.6	<LOD	59	115.67
Butler 4	Niton XRF	MN10-121	ppm	55	55.1	845490.31	<LOD	<LOD	<LOD	<LOD	255	<LOD	6773.82	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	100754.89	<LOD	<LOD	14987.97	<LOD	1140	<LOD	15	<LOD	<LOD	<LOD	<LOD	20.22	<LOD	23845	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	6105.52	<LOD	303.22	<LOD	108	114.6
Butler 4	Niton XRF	MN10-121	ppm	56	56.1	849384.31	<LOD	<LOD	<LOD	<LOD	267	<LOD	3119.2	<LOD	<LOD	<LOD	139.09	<LOD	<LOD	109580.15	<LOD	<LOD	16683.68	<LOD	623	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	14.37	<LOD	16385	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3600.15	<LOD	<LOD	<LOD	72	84.7
Butler 4	Niton XRF	MN10-121	ppm	57	57.1	925260.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2291.94	<LOD	<LOD	<LOD	107.44	<LOD	<LOD	50032.99	<LOD	<LOD	7018.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.72	<LOD	12137	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2374.1	<LOD	230.16	<LOD	<LOD	120.95
Butler 4	Niton XRF	MN10-121	ppm	58	58.1	883876.81	<LOD	<LOD	<LOD	<LOD	236	<LOD	1270.88	<LOD	<LOD	<LOD	205.57	<LOD	<LOD	61843.27	<LOD	<LOD	31712.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	22.96	<LOD	17052	<LOD	<LOD	<LOD	<LOD	<LOD	65	<LOD	<LOD	<LOD	3182.45	<LOD	<LOD	<LOD	77	154.01
Butler 4	Niton XRF	MN10-121	ppm	59	59.1	902385.56	<LOD	<LOD	<LOD	<LOD	214	<LOD	1688.6	<LOD	<LOD	<LOD	154.42	<LOD	<LOD	61850.93	<LOD	<LOD	15990.91	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11.19	<LOD	13957	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3051.87	<LOD	244.59	<LOD	<LOD	170.71
Butler 4	Niton XRF	MN10-121	ppm	60	60.1	891581.13	<LOD	<LOD	<LOD	<LOD	135	<LOD	2109.01	<LOD	<LOD	<LOD	106.3	<LOD	<LOD	60347.52	<LOD	<LOD	22941.74	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	18.37	<LOD	19685	<LOD	<LOD	<LOD	<LOD	<LOD	57	<LOD	<LOD	<LOD	2587.75	<LOD	209.5	<LOD	<LOD	194.45
Butler 4	Niton XRF	MN10-121	ppm	61	61.1	907010.56	<LOD	<LOD	<LOD	<LOD	210	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	71446.3	<LOD	<LOD	16481.09	<LOD	<LOD	21	19	<LOD	<LOD	<LOD	<LOD	18.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3108.75	<LOD	164.75	<LOD	107	193.14
Butler 4	Niton XRF	MN10-121	ppm	62	62.1	790047.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2224.3	<LOD	<LOD	<LOD	172.2	<LOD	<LOD	153923.16	<LOD	<LOD	3608.11	<LOD	660	<LOD	21	<LOD	<LOD	<LOD	<LOD	6.41	<LOD	42352	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6243.39	<LOD	275.22	<LOD	107	243.16
Butler 4	Niton XRF	MN10-121	ppm	63	63.1	669477.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	218296.48	<LOD	<LOD	<LOD	<LOD	496	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106618	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3638.58	<LOD	<LOD	<LOD	163	390.01
Butler 4	Niton XRF	MN10-121	ppm	64	64.1	808891.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	163.27	<LOD	<LOD	181975.52	<LOD	<LOD	<LOD	<LOD	627	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7770.62	<LOD	<LOD	<LOD	131	181.11
Butler 4	Niton XRF	MN10-121	ppm	65	65.1	886484.75	<LOD	<LOD	<LOD	<LOD	188	<LOD	2179.31	<LOD	<LOD	<LOD	124.76	<LOD	<LOD	76710.8	<LOD	<LOD	20032.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	26.33	<LOD	10081	<LOD	<LOD	<LOD	<LOD	<LOD	72	<LOD	<LOD	<LOD	3288.98	<LOD	234.61	<LOD	70	124.12
Butler 4	Niton XRF	MN10-121	ppm	66	66.1	683837	<LOD	<LOD	<LOD	<LOD	247	<LOD	2735.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	190878.22	<LOD	<LOD	10673.15	<LOD	496	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16.15	<LOD	103433	<LOD	<LOD	<LOD	<LOD	<LOD	51	<LOD	<LOD	<LOD	6812.58	<LOD	303.07	<LOD	125	139.38
Butler 4	Niton XRF	MN10-121	ppm	67	67.1	832672.06	<LOD	<LOD	<LOD	<LOD	249	<LOD	3873.08	<LOD	<LOD	<LOD	210.01	<LOD	<LOD	142406.31	<LOD	<LOD	12823.03	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	14.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	7042.24	<LOD	<LOD	<LOD	155	238.94
Butler 4	Niton XRF	MN10-121	ppm	68	68.1	887581.88	<LOD	<LOD	<LOD	<LOD	146	<LOD	1028.19	<LOD	<LOD	<LOD	141.36	<LOD	<LOD	52645.3	<LOD	<LOD	23705.75	<LOD	<LOD	23	19	<LOD	<LOD	<LOD	<LOD	20.76	<LOD	31286	<LOD	<LOD	<LOD	<LOD	<LOD	52	<LOD	<LOD	<LOD	3004.15	<LOD	<LOD	<LOD	<LOD	185.67
Butler 4	Niton XRF	MN10-121	ppm	69	69.1	892526.5	<LOD	<LOD	<LOD	<LOD	214	<LOD	1757.81	<LOD	<LOD	<LOD	197.17	<LOD	<LOD	47354.14	<LOD	<LOD	28243.36	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	20.64	<LOD	26000	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	3196.11	<LOD	210.33	<LOD	<LOD	188.68
Butler 4	Niton XRF	MN10-121	ppm	70	70.1	861676.25	<LOD	<LOD	<LOD	<LOD	437	<LOD	1541.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	74874.98	<LOD	<LOD	28681.93	<LOD	<LOD	<LOD	21	<LOD	<LOD	<LOD	<LOD	20.82	<LOD	28396	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3436.46	<LOD	250.59	<LOD	78	146.12
Butler 4	Niton XRF	MN10-121	ppm	71	71.1	855707.19	9	<LOD	<LOD	<LOD	<LOD	<LOD	2818.01	<LOD	<LOD	<LOD	125.42	<LOD	<LOD	119290.91	<LOD	<LOD	3688.74	<LOD	1294	<LOD	15	<LOD	<LOD	<LOD	<LOD	7.63	<LOD	12379	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4255.38	<LOD	<LOD	<LOD	<LOD	210.22
Butler 4	Niton XRF	MN10-121	ppm	72	72.1	871186.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3310.14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	122703.59	<LOD	<LOD	<LOD	<LOD	481	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2110.3	<LOD	<LOD	<LOD	<LOD	66.03
Butler 4	Niton XRF	MN10-121	ppm	73	73.1	828738.56	<LOD	<LOD	<LOD	<LOD	341	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	142718.06	<LOD	<LOD	16207.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33.7	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	2430.29	<LOD	238.33	<LOD	83	112
Butler 4	Niton XRF	MN10-121	ppm	74	74.1	865124.69	<LOD	<LOD	<LOD	<LOD	266	<LOD	2601.89	<LOD	<LOD	<LOD	171.48	<LOD	<LOD	80071.73	<LOD	<LOD	28602.65	<LOD	<LOD	<LOD	15	<LOD	<LOD	<LOD	<LOD	17.47	<LOD	17572	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5193.01	<LOD	<LOD	<LOD	<LOD	115.22
Butler 4	Niton XRF	MN10-121	ppm	75	75.1	850976	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	918.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	106448.09	<LOD	<LOD	<LOD	<LOD	391	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39014	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1738.14	<LOD	<LOD	<LOD	115	158.99
Butler 4	Niton XRF	MN10-121	ppm	76	76.1	777740.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7169.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	208571.45	<LOD	<LOD	<LOD	<LOD	576	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5217.61	<LOD	<LOD	<LOD	140	151.39
Butler 4	Niton XRF	MN10-121	ppm	77	77.1	860844.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1156.25	<LOD	<LOD	<LOD	123.05	<LOD	<LOD	84857.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50778	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1765.12	<LOD	<LOD	<LOD	<LOD	167.76
Butler 4	Niton XRF	MN10-121	ppm	78	78.1	888955.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1484.61	<LOD	<LOD	<LOD	82.37	<LOD	<LOD	96489.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11475	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1037.32	<LOD	<LOD	<LOD	<LOD	181.85
Butler 4	Niton XRF	MN10-121	ppm	79	79.1	793594.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2267.45	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	200556.8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2421.17	<LOD	449.16	<LOD	106	141.06
Butler 4	Niton XRF	MN10-121	ppm	80	80.1	811286.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2815.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	182627.28	<LOD	<LOD	<LOD	<LOD	543	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2330.2	<LOD	<LOD	<LOD	130	99.47
Butler 4	Niton XRF	MN10-121	ppm	81	81.1	900000.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2373.92	<LOD	<LOD	<LOD	124.91	<LOD	<LOD	82297.85	<LOD	<LOD	1581.07	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7972	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5047.08	<LOD	<LOD	<LOD	113	140.36
Butler 4	Niton XRF	MN10-121	ppm	82	82.1	786024.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2267.91	<LOD	<LOD	<LOD	<LOD	<LOD	302	180811.16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	5.93	<LOD	23604	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4215.26	<LOD	<LOD	<LOD	182	244.77
Butler 4	Niton XRF	MN10-121	ppm	83	83.1	829047.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	684	144428.63	<LOD	<LOD	<LOD	<LOD	553	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	21650	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3210.95	<LOD	<LOD	<LOD	113	223.01
Butler 4	Niton XRF	MN10-121	ppm	84	84.1	771590.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5300.33	<LOD	<LOD	<LOD	<LOD	<LOD	405	169490.81	<LOD	<LOD	4680.09	<LOD	439	<LOD	19	<LOD	<LOD	<LOD	<LOD	13.8	<LOD	43606	<LOD	<LOD	<LOD	<LOD	<LOD	98	<LOD	<LOD	<LOD	3899.55	<LOD	<LOD	<LOD	159	268.36
Butler 4	Niton XRF	MN10-121	ppm	85	85.1	893196.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3275.03	<LOD	<LOD	<LOD	135.42	<LOD	<LOD	94612.52	<LOD	<LOD	5048.34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	47	<LOD	<LOD	<LOD	3380.45	<LOD	<LOD	<LOD	124	134.56
Butler 4	Niton XRF	MN10-121	ppm	86	86.1	873870.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2594.84	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	119131.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3821	<LOD	<LOD	<LOD	202	126.71
Butler 4	Niton XRF	MN10-121	ppm	87	87.1	884023.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1351.9	<LOD	<LOD	<LOD	90.31	<LOD	597	102572.73	<LOD	<LOD	<LOD	<LOD	442	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8559	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2112.88	<LOD	<LOD	<LOD	125	88.5
Butler 4	Niton XRF	MN10-121	ppm	88	88.1	388063.97	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33937.17	<LOD	<LOD	<LOD	<LOD	<LOD	309	272364	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	303248	<LOD	<LOD	67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1186.56	<LOD	<LOD	<LOD	313	374.49
Butler 4	Niton XRF	MN10-121	ppm	89	89.1	894354.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7886.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	89488.4	<LOD	<LOD	<LOD	<LOD	491	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	276.15	<LOD	<LOD	<LOD	156	82.96
Butler 4	Niton XRF	MN10-121	ppm	90	90.1	897761.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1129.54	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98007.9	<LOD	<LOD	<LOD	<LOD	1192	<LOD	13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1187.74	<LOD	<LOD	<LOD	298	303.52
Butler 4	Niton XRF	MN10-121	ppm	91	91.1	837815.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32354.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120654.41	<LOD	<LOD	<LOD	<LOD	1081	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	69	<LOD	<LOD	<LOD	596.52	<LOD	<LOD	<LOD	106	23.63
Butler 4	Niton XRF	MN10-121	ppm	92	92.1	926096.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2346.89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61027.46	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8992	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	955.56	<LOD	<LOD	<LOD	50	90.38
Butler 4	Niton XRF	MN10-121	ppm	93	93.1	867894.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3668.86	<LOD	<LOD	<LOD	149.18	<LOD	375	88671.07	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36463	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2050.44	<LOD	134.84	<LOD	56	229.3
Butler 4	Niton XRF	MN10-121	ppm	94	94.1	878627.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3757.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113620.97	<LOD	<LOD	<LOD	<LOD	688	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2873.79	<LOD	<LOD	<LOD	74	180.68
Butler 4	Niton XRF	MN10-121	ppm	95	95.1	903854.81	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2623.6	<LOD	<LOD	<LOD	116.99	<LOD	<LOD	90274.77	<LOD	<LOD	1444.4	<LOD	519	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	929.28	<LOD	<LOD	<LOD	81	117.51
Butler 4	Niton XRF	MN10-121	ppm	96	96.1	754825.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	168	241331.7	<LOD	<LOD	<LOD	<LOD	502	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1751.1	<LOD	298.75	<LOD	117	289.51
Butler 4	Niton XRF	MN10-121	ppm	97	97.1	766250	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	11150.25	<LOD	<LOD	<LOD	147.31	<LOD	1033	165197.55	<LOD	<LOD	10473.98	<LOD	517	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	8.06	<LOD	40109	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	1782.82	<LOD	<LOD	<LOD	2707	287.68
Butler 4	Niton XRF	MN10-121	ppm	98	98.1	477138.03	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5326.57	<LOD	<LOD	<LOD	<LOD	<LOD	1805	231438.2	<LOD	<LOD	12426.42	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	28.18	<LOD	267178	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3131.78	<LOD	<LOD	<LOD	107	369.18
Butler 4	Niton XRF	MN10-121	ppm	99	99.1	883570.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1588.56	<LOD	<LOD	<LOD	123.78	<LOD	856	75292.2	<LOD	<LOD	2478.57	<LOD	592	23	20	<LOD	<LOD	<LOD	<LOD	4.83	<LOD	32695	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1505.02	<LOD	124.51	<LOD	900	170.87
Butler 4	Niton XRF	MN10-121	ppm	100	100.1	876044.31	<LOD	<LOD	<LOD	<LOD	147	38	<LOD	<LOD	<LOD	<LOD	206.25	<LOD	<LOD	92531.05	<LOD	<LOD	6722.41	<LOD	921	<LOD	31	<LOD	<LOD	<LOD	<LOD	32.24	<LOD	15223	<LOD	<LOD	<LOD	<LOD	53	86	<LOD	<LOD	<LOD	5276.51	<LOD	415.87	<LOD	1718	505.13
Butler 4	Niton XRF	MN10-121	ppm	101	101.1	860712.88	<LOD	<LOD	<LOD	<LOD	532	<LOD	3956.1	<LOD	<LOD	<LOD	180.07	<LOD	<LOD	119947.48	<LOD	<LOD	10155.17	<LOD	1562	<LOD	15	<LOD	<LOD	<LOD	<LOD	25.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	101	<LOD	<LOD	<LOD	2168.95	<LOD	229.56	<LOD	201	198.03
Butler 4	Niton XRF	MN10-121	ppm	102	102.1	897428.13	<LOD	<LOD	<LOD	<LOD	164	<LOD	3164.41	<LOD	<LOD	<LOD	<LOD	<LOD	183	68520.78	<LOD	<LOD	14046.93	<LOD	457	<LOD	16	<LOD	<LOD	<LOD	<LOD	20.75	<LOD	12714	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	2568.41	<LOD	144.84	<LOD	214	180.77
Butler 4	Niton XRF	MN10-121	ppm	103	103.1	911135.88	<LOD	<LOD	<LOD	<LOD	505	<LOD	1657.68	<LOD	<LOD	<LOD	96.49	<LOD	<LOD	58863.84	<LOD	<LOD	22953.09	<LOD	836	18	<LOD	<LOD	<LOD	33	<LOD	13.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3257.24	<LOD	296.02	<LOD	126	155.75
Butler 4	Niton XRF	MN10-121	ppm	104	104.1	920740.25	<LOD	<LOD	<LOD	<LOD	357	<LOD	2968.77	<LOD	<LOD	<LOD	120.88	<LOD	<LOD	55110.34	<LOD	<LOD	15658.75	<LOD	1351	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.9	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36	<LOD	<LOD	<LOD	3021.17	<LOD	238.1	<LOD	163	167.92
Butler 4	Niton XRF	MN10-121	ppm	105	105.1	887901.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2454.65	<LOD	<LOD	<LOD	101.7	<LOD	115	104593.47	<LOD	<LOD	<LOD	<LOD	1978	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2327.69	<LOD	<LOD	<LOD	290	201.7
Butler 4	Niton XRF	MN10-121	ppm	106	106.1	379672.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	134640.34	<LOD	<LOD	<LOD	<LOD	<LOD	5669	235964.91	<LOD	<LOD	<LOD	<LOD	758	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	242680	<LOD	<LOD	32	<LOD	<LOD	56	<LOD	<LOD	<LOD	328	<LOD	<LOD	<LOD	126	<LOD
Butler 4	Niton XRF	MN10-121	ppm	107	107.1	908608.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4391.49	<LOD	<LOD	<LOD	126.24	<LOD	195	82969.99	<LOD	<LOD	<LOD	<LOD	1362	<LOD	14	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39	<LOD	<LOD	<LOD	2068.94	<LOD	<LOD	<LOD	99	108.04
Butler 4	Niton XRF	MN10-121	ppm	108	108.1	839090.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	7843.93	<LOD	<LOD	<LOD	<LOD	<LOD	348	129530.8	<LOD	<LOD	<LOD	<LOD	1011	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	15262	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6527.1	<LOD	<LOD	<LOD	76	201.21
Butler 4	Niton XRF	MN10-121	ppm	109	109.1	888655	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4613.57	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	102920.01	<LOD	<LOD	<LOD	<LOD	873	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2306.81	<LOD	230.3	<LOD	133	172.35

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 4	Niton XRF	MN10-121	ppm	110	110.1	905543.69	<LOD	<LOD	<LOD	<LOD	1069	<LOD	3214.87	<LOD	<LOD	<LOD	97.45	<LOD	<LOD	64244	<LOD	<LOD	20867.94	<LOD	686	<LOD	24	<LOD	<LOD	<LOD	<LOD	12.83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	54	<LOD	<LOD	<LOD	3287.2	<LOD	561.86	<LOD	119	187.14
Butler 4	Niton XRF	MN10-121	ppm	111	111.1	911851.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	20249.82	<LOD	<LOD	<LOD	108.24	<LOD	<LOD	62756.98	<LOD	<LOD	3179.25	<LOD	<LOD	<LOD	16	<LOD	<LOD	<LOD	<LOD	4.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	61	<LOD	<LOD	<LOD	1285.94	<LOD	<LOD	<LOD	165	222.63
Butler 4	Niton XRF	MN10-121	ppm	112	112.1	922736.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2177.63	<LOD	<LOD	<LOD	147.31	<LOD	<LOD	70119.71	<LOD	<LOD	1647.44	<LOD	816	<LOD	29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58	<LOD	<LOD	<LOD	1621.12	<LOD	<LOD	<LOD	223	321.05
Butler 4	Niton XRF	MN10-121	ppm	113	113.1	934390.5	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4134.45	<LOD	<LOD	<LOD	84.95	<LOD	<LOD	58262.38	<LOD	<LOD	<LOD	<LOD	477	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2052.76	<LOD	120.67	<LOD	179	237.13
Butler 4	Niton XRF	MN10-121	ppm	114	114.1	913120.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2227.91	<LOD	<LOD	<LOD	107.27	<LOD	<LOD	79636.52	<LOD	<LOD	1868.13	<LOD	907	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1597.89	<LOD	<LOD	<LOD	206	272.8
Butler 4	Niton XRF	MN10-121	ppm	115	115.1	948034.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1792.92	<LOD	<LOD	<LOD	95.74	<LOD	<LOD	49011.41	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	598.45	<LOD	<LOD	<LOD	52	285.72
Butler 4	Niton XRF	MN10-121	ppm	116	116.1	960538.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1592.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36669.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	815.77	<LOD	125.18	<LOD	49	97.95
Butler 4	Niton XRF	MN10-121	ppm	117	117.1	930307	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2253.37	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	63610.99	<LOD	<LOD	1777.72	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	1443.51	<LOD	<LOD	<LOD	81	292.67
Butler 4	Niton XRF	MN10-121	ppm	118	118.1	921964.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1667.13	<LOD	<LOD	<LOD	132.8	<LOD	<LOD	73871.96	<LOD	<LOD	<LOD	<LOD	683	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1188.66	<LOD	<LOD	<LOD	181	250.45
Butler 4	Niton XRF	MN10-121	ppm	119	119.1	915973.56	<LOD	<LOD	<LOD	<LOD	255	<LOD	2885.76	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	72125.87	<LOD	<LOD	6576.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6.05	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1256.8	<LOD	207.55	<LOD	152	258.18
Butler 4	Niton XRF	MN10-121	ppm	120	120.1	916645.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2510.1	<LOD	<LOD	<LOD	105.92	<LOD	<LOD	77431.83	<LOD	<LOD	<LOD	<LOD	1439	<LOD	21	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1151.33	<LOD	<LOD	<LOD	302	259.66
Butler 4	Niton XRF	MN10-121	ppm	121	121.1	933324.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2448.93	<LOD	<LOD	<LOD	100.02	<LOD	<LOD	60230.75	<LOD	<LOD	<LOD	<LOD	933	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1449.4	<LOD	105.61	<LOD	48	246.9
Butler 4	Niton XRF	MN10-121	ppm	122	122.1	955852.56	<LOD	<LOD	17	<LOD	<LOD	<LOD	3312.36	<LOD	<LOD	<LOD	113.34	<LOD	<LOD	36899.18	<LOD	<LOD	1832.64	<LOD	552	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	983.36	<LOD	<LOD	<LOD	<LOD	258.51
Butler 4	Niton XRF	MN10-121	ppm	123	123.1	947312.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6640.46	<LOD	<LOD	<LOD	194.72	<LOD	598	27657.95	<LOD	<LOD	4864.77	<LOD	523	<LOD	29	<LOD	<LOD	<LOD	<LOD	5.1	<LOD	10355	<LOD	<LOD	<LOD	<LOD	<LOD	136	<LOD	<LOD	<LOD	1276.37	<LOD	90.31	<LOD	91	197.41
Butler 4	Niton XRF	MN10-121	ppm	124	124.1	919172.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1755.31	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	67051.01	<LOD	<LOD	4089.24	<LOD	834	<LOD	25	<LOD	<LOD	<LOD	<LOD	5.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1199.45	<LOD	<LOD	<LOD	205	240.47
Butler 4	Niton XRF	MN10-121	ppm	125	125.1	917124.81	<LOD	<LOD	<LOD	<LOD	385	<LOD	2737.07	<LOD	<LOD	<LOD	82.61	<LOD	<LOD	56607.48	<LOD	<LOD	20985.61	<LOD	<LOD	<LOD	14	<LOD	<LOD	<LOD	<LOD	11.99	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1436.95	<LOD	<LOD	<LOD	110	306.16
Butler 4	Niton XRF	MN10-121	ppm	126	126.1	928528.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1882.43	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	59634.83	<LOD	<LOD	7313.51	<LOD	662	<LOD	19	<LOD	<LOD	<LOD	<LOD	4.04	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1396.02	<LOD	108.65	<LOD	130	259.41
Butler 4	Niton XRF	MN10-121	ppm	127	127.1	942744.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1276.51	<LOD	<LOD	<LOD	124.43	<LOD	<LOD	53915.45	<LOD	<LOD	<LOD	<LOD	510	<LOD	17	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1036.73	<LOD	<LOD	<LOD	66	258.85
Butler 4	Niton XRF	MN10-121	ppm	128	128.1	912561.63	<LOD	<LOD	<LOD	<LOD	196	<LOD	989.79	<LOD	<LOD	<LOD	86.65	<LOD	473	55430.25	<LOD	<LOD	18901.7	<LOD	394	<LOD	26	<LOD	<LOD	33	<LOD	12.72	<LOD	8255	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	1931.54	<LOD	229.77	<LOD	117	293.61
Butler 4	Niton XRF	MN10-121	ppm	129	129.1	898907.5	<LOD	<LOD	<LOD	<LOD	222	<LOD	947.62	<LOD	<LOD	<LOD	97.32	<LOD	156	59565.18	<LOD	<LOD	21961.53	<LOD	<LOD	<LOD	35	<LOD	<LOD	<LOD	<LOD	11.57	<LOD	14732	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2388.53	<LOD	178.13	<LOD	105	359
Butler 4	Niton XRF	MN10-121	ppm	130	130.1	922812.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	961.84	<LOD	<LOD	<LOD	91.66	<LOD	<LOD	68107.79	<LOD	<LOD	5480.67	<LOD	741	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1301.74	<LOD	<LOD	<LOD	80	228.8
Butler 4	Niton XRF	MN10-121	ppm	131	131.1	919919.13	<LOD	<LOD	<LOD	<LOD	158	<LOD	1965.64	<LOD	<LOD	<LOD	78.72	<LOD	<LOD	59462.51	<LOD	<LOD	15955.85	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	13.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1663.84	<LOD	<LOD	<LOD	73	262.49
Butler 4	Niton XRF	MN10-121	ppm	132	132.1	930723.94	<LOD	<LOD	<LOD	<LOD	158	<LOD	875.08	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58317.62	<LOD	<LOD	7979.76	<LOD	<LOD	<LOD	20	<LOD	<LOD	<LOD	<LOD	4.67	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	1167.41	<LOD	<LOD	<LOD	71	210.93
Butler 4	Niton XRF	MN10-121	ppm	133	133.1	938068.06	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1490.43	<LOD	<LOD	<LOD	75.86	<LOD	<LOD	47853.62	<LOD	<LOD	9822.83	<LOD	437	<LOD	19	<LOD	<LOD	<LOD	<LOD	9.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1611.08	<LOD	172.9	<LOD	93	251.79
Butler 4	Niton XRF	MN10-121	ppm	134	134.1	937005.44	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1395.95	<LOD	<LOD	<LOD	77.45	<LOD	<LOD	52324.5	<LOD	<LOD	6620.61	<LOD	464	<LOD	16	<LOD	<LOD	<LOD	<LOD	4.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33	<LOD	<LOD	<LOD	1535.34	<LOD	<LOD	<LOD	70	235.44
Butler 4	Niton XRF	MN10-121	ppm	135	135.1	948562.19	<LOD	<LOD	<LOD	<LOD	106	<LOD	1405.71	<LOD	<LOD	<LOD	75.32	<LOD	<LOD	43680.35	<LOD	<LOD	3623.42	<LOD	395	<LOD	20	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1713.27	<LOD	<LOD	<LOD	83	278.1
Butler 4	Niton XRF	MN10-121	ppm	136	136.1	925468.63	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1015.78	<LOD	<LOD	<LOD	78.78	<LOD	<LOD	64110.36	<LOD	<LOD	6434.09	<LOD	449	<LOD	26	<LOD	<LOD	<LOD	<LOD	7.35	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2040.63	<LOD	<LOD	<LOD	88	251.67
Butler 4	Niton XRF	MN10-121	ppm	137	137.1	935730.13	<LOD	<LOD	<LOD	<LOD	145	<LOD	973.39	<LOD	<LOD	<LOD	109.85	<LOD	<LOD	49919.43	<LOD	<LOD	10610.45	<LOD	362	<LOD	14	<LOD	<LOD	<LOD	<LOD	7.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1616.96	<LOD	<LOD	<LOD	119	278.4
Butler 4	Niton XRF	MN10-121	ppm	138	138.1	946964.31	<LOD	<LOD	<LOD	<LOD	133	<LOD	1204.68	<LOD	<LOD	<LOD	104.45	<LOD	<LOD	40081.05	<LOD	<LOD	8898.94	<LOD	369	<LOD	15	<LOD	<LOD	<LOD	<LOD	4.58	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1823.56	<LOD	<LOD	<LOD	<LOD	276.67
Butler 4	Niton XRF	MN10-121	ppm	139	139.1	916467.13	<LOD	<LOD	<LOD	<LOD	271	<LOD	1881.02	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	58949.61	<LOD	<LOD	19049.15	<LOD	<LOD	<LOD	22	<LOD	<LOD	<LOD	<LOD	12.66	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	37	<LOD	<LOD	<LOD	2565.94	<LOD	143.57	<LOD	<LOD	278.88
Butler 4	Niton XRF	MN10-121	ppm	140	140.1	940770.13	<LOD	<LOD	<LOD	<LOD	126	<LOD	<LOD	<LOD	<LOD	<LOD	172.15	<LOD	<LOD	47700.07	<LOD	<LOD	8586.87	<LOD	<LOD	<LOD	19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	34	<LOD	<LOD	<LOD	1536.85	<LOD	<LOD	<LOD	47	278.99
Butler 4	Niton XRF	MN10-121	ppm	141	141.1	911887.69	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3281.74	<LOD	<LOD	<LOD	85.37	<LOD	<LOD	80169.79	<LOD	<LOD	<LOD	<LOD	839	<LOD	18	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3410.08	<LOD	<LOD	<LOD	73	215.24
Butler 4	Niton XRF	MN10-121	ppm	142	142.1	811372.13	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4317.78	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	174179.42	<LOD	<LOD	<LOD	<LOD	2729	<LOD	27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	50	<LOD	<LOD	<LOD	<LOD	4281.62	<LOD	<LOD	<LOD	134	207.09
Butler 4	Niton XRF	MN10-121	ppm	143	143.1	869211.75	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	1589.23	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	120703.08	<LOD	<LOD	<LOD	<LOD	1679	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	6049.45	<LOD	<LOD	<LOD	573	133.73
Butler 4	Niton XRF	MN10-121	ppm	144	144.1	860788.38	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	5596.94	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	126039.51	<LOD	<LOD	<LOD	<LOD	1461	<LOD	16	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	113	<LOD	<LOD	<LOD	5436.64	<LOD	247.63	<LOD	122	160.38
Butler 4	Niton XRF	MN10-121	ppm	145	145.1	919951.19	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4613.17	<LOD	<LOD	<LOD	83.53	<LOD	<LOD	68217.74	<LOD	<LOD	2091.76	<LOD	644	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4.29	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	4038.35	<LOD	<LOD	<LOD	89	151.99
Butler 4	Niton XRF	MN10-121	ppm	146	146.1	892801.56	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	3317.27	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	98371.83	<LOD	<LOD	<LOD	<LOD	937	24	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	45	<LOD	<LOD	<LOD	4277.36	<LOD	<LOD	<LOD	<LOD	152.92
Butler 4	Niton XRF	MN10-121	ppm	147	147.1	917334.88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2470.36	<LOD	<LOD	<LOD	99.95	<LOD	<LOD	69955.19	<LOD	<LOD	<LOD	<LOD	593	<LOD	26	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	36	<LOD	<LOD	<LOD	3042.35	<LOD	<LOD	<LOD	60	236.84
Butler 4	Niton XRF	MN10-121	ppm	148	148.1	929993.38	<LOD	<LOD	<LOD	<LOD	282	<LOD	869.41	<LOD	<LOD	<LOD	95.52	<LOD	<LOD	53359.66	<LOD	<LOD	11728.79	<LOD	462	<LOD	17	<LOD	<LOD	<LOD	<LOD	4.86	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	2298.95	<LOD	<LOD	<LOD	73	300.04
Butler 4	Niton XRF	MN10-121	ppm	149	149.1	970387.06	<LOD	<LOD	<LOD	<LOD	157	<LOD	771.71	<LOD	<LOD	<LOD	115.8	<LOD	<LOD	18663.85	<LOD	<LOD	7863.66	<LOD	<LOD	<LOD	17	<LOD	<LOD	<LOD	<LOD	7.87	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	32	<LOD	<LOD	<LOD	1623.68	<LOD	<LOD	<LOD	38	256.96
Butler 4	Niton XRF	MN10-121	ppm	150	150.1	912602.88	<LOD	<LOD	<LOD	<LOD	199	<LOD	6042.84	<LOD	<LOD	<LOD	82.71	<LOD	<LOD	48099.98	<LOD	<LOD	25220.96	<LOD	473	<LOD	16	<LOD	<LOD	<LOD	<LOD	10.85	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	31	<LOD	<LOD	<LOD	2203.33	<LOD	<LOD	<LOD	185	227.43
Butler 4	Niton XRF	MN10-121	ppm	150.8	150.88	892794.06	<LOD	<LOD	<LOD	<LOD	290	<LOD	11064.51	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	76734.2	<LOD	<LOD	14144.27	<LOD	1415	<LOD	18	<LOD	<LOD	<LOD	<LOD	11.25	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	42	<LOD	<LOD	<LOD	2796.55	<LOD	186.72	<LOD	156	321.22
Butler 6	Niton XRF	BP11-V05	ppm	32	32.05	833213.63	<LOD		<LOD	<LOD		<LOD	72786.93	<LOD		<LOD	327.64		<LOD	80880.41	<LOD	<LOD	6949.79		730.58	<LOD	<LOD	145.94		<LOD	<LOD	10.75	<LOD	<LOD	<LOD		<LOD		74.35	484.02	<LOD		<LOD	2677.46	<LOD	221.38	<LOD	<LOD	27.36
Butler 6	Niton XRF	BP11-V05	ppm	36	36.05	816606.19	<LOD		<LOD	<LOD		<LOD	82280.61	<LOD		<LOD	381.75		106.43	87099.98	<LOD	<LOD	4161.5		829.59	<LOD	<LOD	160.51		<LOD	<LOD	3.88	<LOD	<LOD	54.18		<LOD		61.55	432	<LOD		<LOD	2747.81	<LOD	334.37	<LOD	<LOD	19.03
Butler 6	Niton XRF	BP11-V05	ppm	39	39.05	820224.31	<LOD		<LOD	<LOD		<LOD	83486.3	<LOD		<LOD	338.09		90.5	87428.34	<LOD	<LOD	3328.58		1067.18	<LOD	<LOD	134.58		<LOD	<LOD	3.87	<LOD	<LOD	46.61		<LOD		54.6	434.89	<LOD		<LOD	2594.04	<LOD	344.25	<LOD	52.13	10.66
Butler 6	Niton XRF	BP11-V05	ppm	53	53.05	818835.38	<LOD		<LOD	<LOD		<LOD	77776.95	<LOD		<LOD	263.39		<LOD	92527.3	<LOD	<LOD	5192.3		1156.46	<LOD	<LOD	227.79		<LOD	<LOD	9.85	<LOD	<LOD	51.68		<LOD		<LOD	482.42	<LOD		<LOD	2533.91	<LOD	371.03	<LOD	62	15.77
Butler 6	Niton XRF	BP11-V05	ppm	56	56.05	829912.88	<LOD		<LOD	<LOD		<LOD	70581.36	<LOD		<LOD	359.23		<LOD	86388.09	<LOD	<LOD	6864.76		758.86	<LOD	10.43	166.05		<LOD	<LOD	11.46	<LOD	<LOD	<LOD		<LOD		61.67	453.29	<LOD		<LOD	3089.86	<LOD	364.51	<LOD	<LOD	21.94
Butler 6	Niton XRF	BP11-V05	ppm	60	60.05	839127.88	<LOD		<LOD	<LOD		<LOD	45792.36	<LOD		<LOD	354.56		<LOD	95401.72	<LOD	<LOD	14887		810.13	<LOD	<LOD	172.87		<LOD	<LOD	29.1	<LOD	<LOD	56.45		<LOD		60.35	240.46	<LOD		<LOD	2720.7	<LOD	406.95	<LOD	35.37	15.34
Butler 6	Niton XRF	BP11-V05	ppm	67	67.05	832729.13	<LOD		<LOD	<LOD		<LOD	77521.06	<LOD		<LOD	439.82		<LOD	83280.55	<LOD	<LOD	1623.44		735.15	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		69.04	415.54	<LOD		<LOD	2721.69	<LOD	291.49	<LOD	<LOD	14.52
Butler 6	Niton XRF	BP11-V05	ppm	90	90.05	783428.75	<LOD		<LOD	<LOD		<LOD	46668.67	<LOD		<LOD	200.43		96.13	141862.23	<LOD	<LOD	19723.14		1084.28	<LOD	<LOD	136.11		<LOD	<LOD	40.59	<LOD	<LOD	<LOD		<LOD		<LOD	307.59	<LOD		<LOD	4911.16	<LOD	710.2	<LOD	623.36	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	99	99.05	770951.56	<LOD		10.8	<LOD		<LOD	53993.54	<LOD		<LOD	120.15		<LOD	147907.2	<LOD	<LOD	17521.49		1368.63	<LOD	<LOD	145.44		<LOD	<LOD	29.17	<LOD	<LOD	<LOD		<LOD		<LOD	176.91	<LOD		<LOD	6344.36	<LOD	895	<LOD	187.34	11.22
Butler 6	Niton XRF	BP11-V05	ppm	104	104.05	813420.13	<LOD		<LOD	<LOD		<LOD	55818.13	<LOD		<LOD	293.55		<LOD	120421.83	<LOD	<LOD	3770.43		1634.99	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	916.54	<LOD		<LOD	3160.91	<LOD	334.08	<LOD	87.44	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	109	109.05	800563	<LOD		<LOD	<LOD		<LOD	33052.75	<LOD		<LOD	321.17		115.56	155652.64	<LOD	<LOD	1786.9		1352.35	<LOD	<LOD	184.88		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	63.56	<LOD		<LOD	5878.75	<LOD	773.75	<LOD	237.1	8.72
Butler 6	Niton XRF	BP11-V05	ppm	111	111.05	781756.44	<LOD		<LOD	<LOD		<LOD	90723.73	<LOD		<LOD	<LOD		<LOD	110658.61	<LOD	<LOD	6960.39		1678.14	<LOD	14.49	<LOD		<LOD	<LOD	17.58	<LOD	<LOD	<LOD		<LOD		<LOD	1423.52	<LOD		<LOD	5766.63	<LOD	632.04	<LOD	113.49	12.13
Butler 6	Niton XRF	BP11-V05	ppm	114	114.05	743749	<LOD		15.27	<LOD		<LOD	64488.4	<LOD		<LOD	150.92		184.23	169748.14	<LOD	<LOD	3348.02		1118.63	21.26	13.02	260.76		<LOD	<LOD	7.3	<LOD	<LOD	73.51		<LOD		<LOD	1389.64	<LOD		<LOD	13828.57	<LOD	1264.36	<LOD	149.71	20.8
Butler 6	Niton XRF	BP11-V05	ppm	117	117.05	811274.06	<LOD		<LOD	<LOD		<LOD	42676	<LOD		<LOD	<LOD		<LOD	141185.39	<LOD	<LOD	<LOD		2165.88	<LOD	<LOD	121.89		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	121.51	<LOD		<LOD	721.79	<LOD	233.73	<LOD	173.51	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	120	120.05	752544.13	<LOD		<LOD	<LOD		<LOD	48602.85	<LOD		<LOD	373.31		<LOD	159783.33	<LOD	<LOD	26633.06		2108.3	<LOD	<LOD	264.32		<LOD	<LOD	55.19	<LOD	<LOD	<LOD		<LOD		<LOD	617.37	<LOD		<LOD	7882.64	<LOD	729.92	<LOD	158.62	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	156	156.05	731635.19	<LOD		<LOD	<LOD		<LOD	63182.09	<LOD		<LOD	<LOD		<LOD	184246.98	<LOD	<LOD	4428.37		2498.86	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	1451.63	<LOD		<LOD	11434.26	<LOD	343.84	<LOD	146.09	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	159	159.05	700321.06	<LOD		<LOD	<LOD		<LOD	77592	<LOD		<LOD	<LOD		<LOD	202641.2	<LOD	<LOD	9193.59		2772.86	<LOD	<LOD	<LOD		<LOD	<LOD	8.79	<LOD	<LOD	<LOD		<LOD		<LOD	135.45	<LOD		<LOD	6607.6	<LOD	<LOD	<LOD	190.73	13.28
Butler 6	Niton XRF	BP11-V05	ppm	160.4	160.45	788138.75	<LOD		<LOD	<LOD		<LOD	34693.55	<LOD		<LOD	2517		<LOD	169692.42	<LOD	<LOD	<LOD		2420.98	13.55	10.8	1151.13		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	166.11	<LOD		<LOD	748.58	<LOD	283.76	<LOD	157.42	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	162	162.05	813454.56	<LOD		10.98	<LOD		<LOD	<LOD	<LOD		<LOD	2815.65		<LOD	179207.66	<LOD	<LOD	<LOD		1491.42	16.45	11.6	916.39		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1180.99	<LOD	282.24	<LOD	97.88	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	165	165.05	802738.56	<LOD		<LOD	<LOD		<LOD	1950.99	<LOD		<LOD	2859.39		<LOD	187595.81	<LOD	<LOD	<LOD		2701.99	<LOD	<LOD	940.22		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	497.44	<LOD	254.22	<LOD	178.64	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	168	168.05	811594.38	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	2515.83		<LOD	181460.55	<LOD	<LOD	<LOD		1754.78	14.9	<LOD	1295.64		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	698.4	<LOD	124.18	<LOD	142.5	11.91
Butler 6	Niton XRF	BP11-V05	ppm	173	173.05	671181.63	<LOD		<LOD	<LOD		<LOD	7895.3	<LOD		<LOD	7574.92		<LOD	306948.84	<LOD	<LOD	<LOD		1873.04	25.69	16.34	1170.64		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2574.86	<LOD	479.53	<LOD	199.47	15.35
Butler 6	Niton XRF	BP11-V05	ppm	178	178.05	798483.56	<LOD		<LOD	<LOD		<LOD	52837.75	<LOD		<LOD	4759.39		<LOD	139826.41	<LOD	<LOD	<LOD		1365.74	<LOD	11.19	1427.66		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	128.86	<LOD		<LOD	272.95	<LOD	165.09	<LOD	241.91	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	183	183.05	843295.13	<LOD		11.74	<LOD		<LOD	1164.8	<LOD		<LOD	2332.19		146.6	148728.11	<LOD	<LOD	<LOD		1340.94	15.5	15.72	1863.97		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	702.43	<LOD	179.71	<LOD	164.32	22.12
Butler 6	Niton XRF	BP11-V05	ppm	186	186.05	778694.25	<LOD		<LOD	<LOD		<LOD	40956.93	27.04		<LOD	3399.83		<LOD	171979.73	<LOD	<LOD	<LOD		1989.73	<LOD	10.1	1580.19		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	84.1	<LOD		<LOD	703.06	<LOD	296.28	<LOD	121.58	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	193	193.05	834695.94	<LOD		<LOD	<LOD		<LOD	26457.64	<LOD		<LOD	152.85		<LOD	132258.27	<LOD	<LOD	2395.08		2134.02	<LOD	<LOD	152.69		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	213.21	<LOD		<LOD	1027.19	<LOD	311.62	<LOD	193.19	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	199	199.05	850354.25	<LOD		<LOD	<LOD		<LOD	35916.41	<LOD		<LOD	377.23		<LOD	102906.95	<LOD	<LOD	5875.06		2234.74	<LOD	<LOD	116.56		<LOD	<LOD	7.4	<LOD	<LOD	<LOD		<LOD		<LOD	408.83	<LOD		<LOD	1276.02	<LOD	293.86	<LOD	227.31	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	206	206.05	782771.44	<LOD		<LOD	<LOD		<LOD	2690.96	<LOD		<LOD	<LOD		<LOD	182807.69	<LOD	<LOD	25274.06		2534.84	<LOD	<LOD	<LOD		<LOD	<LOD	37.24	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2661.1	<LOD	589.04	<LOD	238.46	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	210	210.05	837971.5	<LOD		<LOD	<LOD		<LOD	41598.34	<LOD		<LOD	135.92		<LOD	114558.89	<LOD	<LOD	1990.18		1636.35	<LOD	9.12	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	184.44	<LOD		<LOD	1410.34	<LOD	237.43	<LOD	124.34	54.84
Butler 6	Niton XRF	BP11-V05	ppm	219	219.05	819311.13	<LOD		<LOD	<LOD		<LOD	70047.82	<LOD		<LOD	<LOD		<LOD	104434.64	<LOD	<LOD	2731.59		1809.15	<LOD	<LOD	<LOD		<LOD	<LOD	4.99	<LOD	<LOD	<LOD		<LOD		<LOD	425.77	<LOD		<LOD	618.74	<LOD	319.57	<LOD	140.15	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	222	222.05	852860.5	<LOD		<LOD	<LOD		<LOD	31857.21	<LOD		<LOD	<LOD		<LOD	103361.61	<LOD	<LOD	8335.83		1540.06	<LOD	<LOD	<LOD		<LOD	<LOD	15.26	<LOD	<LOD	<LOD		<LOD		<LOD	729.15	<LOD		<LOD	809.34	<LOD	185.29	<LOD	119.32	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	225	225.05	838373.44	<LOD		<LOD	<LOD		<LOD	42763.89	<LOD		<LOD	<LOD		<LOD	95879.2	<LOD	<LOD	18782.88		1738.87	<LOD	9.59	<LOD		<LOD	<LOD	42.76	<LOD	<LOD	62.25		<LOD		67.17	965.51	<LOD		<LOD	671.77	<LOD	198.15	<LOD	138.37	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	228	228.05	827958.63	<LOD		<LOD	<LOD		<LOD	55972.07	<LOD		<LOD	185.01		<LOD	85443.43	<LOD	<LOD	24786.94		1279.36	<LOD	<LOD	<LOD		<LOD	<LOD	56.59	<LOD	<LOD	<LOD		<LOD		71.04	1178.53	<LOD		<LOD	2184.71	<LOD	662.1	<LOD	88.26	<LOD
Butler 6	Niton XRF	BP11-V05	ppm	233	233.05	803063.56	<LOD		<LOD	<LOD		<LOD	65617.19	<LOD		<LOD	<LOD		80.87	106270.09	<LOD	<LOD	18878.44		1783.66	<LOD	<LOD	<LOD		<LOD	<LOD	38.49	<LOD	<LOD	<LOD		<LOD		<LOD	923.38	<LOD		<LOD	2352.27	<LOD	648.96	<LOD	110.82	<LOD
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	21	21.05	865094.38	<LOD		<LOD	<LOD		<LOD	1333.41	<LOD		<LOD	215		<LOD	123668.15	<LOD	<LOD	<LOD		846.35	<LOD	<LOD	142.2		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	30.83	<LOD		<LOD	1815.78	<LOD	303.12	<LOD	<LOD	48.06
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	24	24.05	838065.63	<LOD		<LOD	<LOD		<LOD	1684.41	<LOD		<LOD	211.79		<LOD	155725.8	<LOD	<LOD	<LOD		1324.5	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2464.51	<LOD	309.26	<LOD	52.74	70.75
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	27	27.05	907741.69	<LOD		<LOD	<LOD		<LOD	977.64	<LOD		<LOD	271.39		<LOD	88151.95	<LOD	<LOD	<LOD		669.01	16.24	8.82	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	29.57	<LOD		<LOD	1893.58	<LOD	190.52	<LOD	<LOD	49.54
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	30	30.05	883506	<LOD		<LOD	<LOD		<LOD	1511.31	<LOD		<LOD	213		<LOD	111217.34	<LOD	<LOD	<LOD		687.77	<LOD	8.97	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2449.93	<LOD	242.12	<LOD	<LOD	62.64
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	33	33.05	854578.19	<LOD		<LOD	<LOD		<LOD	1170.08	<LOD		<LOD	219.95		<LOD	141710.7	<LOD	<LOD	<LOD		710.12	<LOD	9.79	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1318.92	<LOD	177.01	<LOD	39.27	44.73
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	36	36.05	873016.13	<LOD		<LOD	<LOD		<LOD	1261.76	<LOD		<LOD	147.91		<LOD	123036.11	<LOD	<LOD	<LOD		618.57	<LOD	9.67	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1495.15	<LOD	277.75	<LOD	<LOD	53.95
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	39	39.05	881286.56	<LOD		<LOD	<LOD		14.55	1218.97	<LOD		<LOD	219.06		<LOD	114248.04	<LOD	<LOD	<LOD		837.72	<LOD	10.13	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1722.68	<LOD	335.91	<LOD	<LOD	59.61
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	42	42.05	849086.94	<LOD		<LOD	<LOD		<LOD	1471.42	<LOD		<LOD	208.89		<LOD	145730.33	<LOD	<LOD	<LOD		945.27	<LOD	9.3	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2165.28	<LOD	263.48	<LOD	54.35	64.82
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	45	45.05	887227.31	<LOD		<LOD	<LOD		<LOD	1633.55	<LOD		<LOD	187.08		<LOD	108733.34	<LOD	<LOD	<LOD		546.76	13.45	10.01	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1261.44	<LOD	181.62	<LOD	<LOD	48.1
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	48	48.05	862330.94	<LOD		<LOD	<LOD		<LOD	2837.72	<LOD		<LOD	<LOD		<LOD	91589.95	<LOD	<LOD	31333.84		334.04	<LOD	18.28	<LOD		<LOD	<LOD	32.64	<LOD	<LOD	<LOD		<LOD		<LOD	79.67	<LOD		<LOD	6026.68	<LOD	180.64	<LOD	<LOD	176.23
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	51	51.05	949082.94	<LOD		<LOD	<LOD		<LOD	2050.98	<LOD		<LOD	125.23		<LOD	5800.2	<LOD	<LOD	34373.73		<LOD	<LOD	<LOD	<LOD		<LOD	<LOD	21.63	<LOD	1160.07	<LOD		<LOD		38.17	27.21	<LOD		<LOD	737.26	<LOD	292.39	<LOD	<LOD	54.08
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	51	51.05	860427.19	<LOD		<LOD	<LOD		<LOD	2231.87	<LOD		<LOD	370.21		<LOD	129335.55	<LOD	<LOD	3646.19		667.6	<LOD	9.13	<LOD		<LOD	<LOD	5.64	<LOD	<LOD	<LOD		<LOD		<LOD	40.77	<LOD		<LOD	2841.77	<LOD	317.31	<LOD	37.33	69.53
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	54	54.05	814648.81	<LOD		<LOD	<LOD		<LOD	2359.5	<LOD		<LOD	310.76		<LOD	175605.23	<LOD	<LOD	3561.45		726.26	<LOD	<LOD	<LOD		<LOD	<LOD	3.9	<LOD	<LOD	<LOD		<LOD		<LOD	133.93	<LOD		<LOD	2094.78	<LOD	370.63	<LOD	42.92	67.61
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	57	57.05	820600.75	<LOD		<LOD	<LOD		<LOD	1252.99	<LOD		<LOD	230.51		<LOD	174447.95	<LOD	<LOD	<LOD		747.9	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	37.28	<LOD		<LOD	2028.55	<LOD	347.65	<LOD	38.54	69.53
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	60	60.05	870123.63	<LOD		<LOD	<LOD		<LOD	1542.42	<LOD		<LOD	271.07		<LOD	124761.66	<LOD	<LOD	<LOD		832.84	13.13	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	33.47	<LOD		<LOD	2085.1	<LOD	282.65	<LOD	<LOD	45.94
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	63	63.05	818478.38	<LOD		<LOD	<LOD		<LOD	1138.12	<LOD		<LOD	311.55		<LOD	173286.03	<LOD	<LOD	2569.46		680.16	<LOD	<LOD	<LOD		<LOD	<LOD	4.66	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2958.56	<LOD	380.03	<LOD	<LOD	70.37
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	66	66.05	889561.94	<LOD		<LOD	<LOD		<LOD	1655.13	<LOD		<LOD	295.45		<LOD	94597.87	<LOD	<LOD	7940.62		591.09	<LOD	9.23	<LOD		<LOD	<LOD	9.7	<LOD	<LOD	<LOD		<LOD		<LOD	50.9	<LOD		<LOD	2359.24	<LOD	305.74	<LOD	47.83	54.82
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	69	69.05	835941.19	<LOD		<LOD	<LOD		<LOD	1922.89	<LOD		615.79	260.6		<LOD	133806.48	<LOD	<LOD	20138.77		2963.14	<LOD	<LOD	<LOD		<LOD	<LOD	20.17	<LOD	<LOD	<LOD		<LOD		<LOD	32.22	<LOD		<LOD	3297.17	<LOD	389.88	<LOD	109.34	65.57
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	72	72.05	880559.25	<LOD		<LOD	<LOD		<LOD	2036.9	<LOD		540.96	231.09		<LOD	113299.57	<LOD	<LOD	<LOD		1170.09	<LOD	10.08	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	33.82	<LOD		<LOD	1712.98	<LOD	218.62	<LOD	36.97	54.76
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	75	75.05	897157.56	<LOD		<LOD	<LOD		<LOD	2303.95	<LOD		<LOD	199.39		<LOD	66834.25	<LOD	<LOD	16440.89		425.12	<LOD	<LOD	<LOD		<LOD	<LOD	11.81	<LOD	13233.98	<LOD		<LOD		52.51	22.34	<LOD		<LOD	2313.38	<LOD	316.6	<LOD	43.19	47.84
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	78	78.05	851658.19	<LOD		<LOD	<LOD		<LOD	1271.48	<LOD		<LOD	245.61		<LOD	132546.3	<LOD	<LOD	4863.77		1089.43	<LOD	14.25	<LOD		<LOD	<LOD	3.32	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	2945.57	<LOD	255.35	<LOD	46.83	84.41
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	81	81.05	862685.5	<LOD		<LOD	<LOD		<LOD	920.54	<LOD		<LOD	379.1		<LOD	133075.19	<LOD	<LOD	<LOD		771.89	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	<LOD	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	1761.28	<LOD	272.88	<LOD	<LOD	52.1
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	84	84.05	834405.31	<LOD		<LOD	<LOD		17.57	4280.13	<LOD		<LOD	<LOD		<LOD	145244.39	<LOD	<LOD	<LOD		926.3	18.25	28.9	<LOD		<LOD	<LOD	<LOD	<LOD	9078.19	<LOD		<LOD		<LOD	<LOD	<LOD		<LOD	5181.82	<LOD	200.93	<LOD	65.43	262.46
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	87	87.05	925909.19	<LOD		<LOD	<LOD		<LOD	2876.01	<LOD		<LOD	308.97		<LOD	56271.77	<LOD	<LOD	730.97		387.04	<LOD	10.36	<LOD		<LOD	<LOD	<LOD	<LOD	10206.49	<LOD		<LOD		<LOD	148.91	<LOD		<LOD	3002.55	<LOD	207.86	<LOD	<LOD	98.99

Noront Butler Report Addendum - XRF Data

Target	Instrument	Hole_ID	Units	From	To	Bal	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Cl	Co	Cr	Cs	Cu	Fe	Hf	Hg	K	Mg	Mn	Mo	Nb	Ni	P	Pb	Pd	Rb	Re	S	Sb	Sc	Se	Si	Sn	Sr	Ta	Te	Th	Ti	U	V	W	Zn	Zr
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	90	90.05	894566.81	<LOD		<LOD	<LOD		<LOD	2341.94	<LOD		<LOD	269.56		<LOD	82096.03	<LOD	<LOD	3800.25		645.52	12.21	12.99	<LOD		<LOD	<LOD	3.51	<LOD	11200.33	<LOD		<LOD		<LOD	33.09	<LOD		<LOD	2877.04	<LOD	219.09	<LOD	44.87	94.31
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	93	93.05	902106.5	<LOD		<LOD	<LOD		<LOD	894.84	<LOD		<LOD	233.07		<LOD	56041.49	<LOD	<LOD	20345.64		747.4	<LOD	13.1	<LOD		<LOD	<LOD	21.44	<LOD	11036.38	<LOD		<LOD		64.38	67.44	<LOD		<LOD	6894.24	<LOD	587.08	<LOD	74.85	122.87
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	96	96.05	644344.5	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	340.69		<LOD	151566.08	<LOD	<LOD	32618.38		563.56	14.06	17.05	<LOD		<LOD	<LOD	24.58	<LOD	166394.08	<LOD		<LOD		<LOD	130.1	<LOD		<LOD	3054.63	<LOD	376.61	<LOD	65.83	72.83
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	99	99.05	602515.13	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		717.49	536.79		<LOD	156686.25	<LOD	<LOD	33549.07		<LOD	<LOD	<LOD	<LOD		29.99	<LOD	24.51	<LOD	202933.81	<LOD		<LOD		<LOD	203.84	<LOD		<LOD	1908.09	<LOD	441.2	<LOD	51.54	70.57
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	102	102.05	922631.81	<LOD		<LOD	<LOD		<LOD	1197.84	<LOD		<LOD	185.64		<LOD	27335.76	<LOD	<LOD	23699.32		122.71	<LOD	12.54	<LOD		<LOD	<LOD	18.04	<LOD	19729.81	<LOD		<LOD		50.47	124.64	<LOD		<LOD	3069.39	<LOD	326.89	<LOD	71.83	83.36
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	105	105.05	883764.5	<LOD		<LOD	<LOD		22.62	4560.4	<LOD		<LOD	2770.02		<LOD	44331.3	<LOD	<LOD	10469.67		426.49	<LOD	14.31	<LOD		32.7	<LOD	6.85	<LOD	49451.68	<LOD		<LOD		<LOD	64.54	<LOD		11.55	1994.12	<LOD	724.75	<LOD	61.16	60.3
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	108	108.05	900146.31	<LOD		<LOD	<LOD		<LOD	908.01	<LOD		<LOD	139.37		<LOD	36168.01	<LOD	<LOD	17253.3		<LOD	<LOD	11.06	<LOD		<LOD	<LOD	10.83	<LOD	43458.39	<LOD		<LOD		53.5	<LOD	<LOD		<LOD	1325.33	<LOD	184.3	<LOD	<LOD	40.5
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	111	111.05	980745.25	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	397.24		<LOD	3847.73	<LOD	<LOD	3644.51		<LOD	<LOD	6.91	<LOD		<LOD	<LOD	4.69	<LOD	3201.72	45.94		<LOD		44.38	7.83	<LOD		<LOD	744.03	<LOD	193.37	<LOD	<LOD	21.59
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	114	114.05	830531.75	<LOD		<LOD	<LOD		<LOD	537.62	<LOD		<LOD	191.19		<LOD	78774.34	<LOD	<LOD	2667.81		292.47	22.77	13.33	<LOD		<LOD	<LOD	<LOD	<LOD	84963.65	<LOD		<LOD		49.89	40.88	<LOD		<LOD	941.61	<LOD	88.55	<LOD	<LOD	41.06
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	117	117.05	646493.69	<LOD		<LOD	<LOD		<LOD	1171.68	<LOD		<LOD	311.61		124.1	196869.91	<LOD	<LOD	5266.09		561.66	23.5	15.81	182.43		<LOD	<LOD	7.18	<LOD	146569.14	<LOD		<LOD		<LOD	82.49	<LOD		<LOD	1619.82	<LOD	<LOD	<LOD	50.94	98.76
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	120	120.05	211945.47	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	786.54		640.45	467287.69	<LOD	<LOD	3266.89		<LOD	<LOD	<LOD	276.86		<LOD	<LOD	<LOD	<LOD	313778.94	<LOD		26.25		<LOD	<LOD	<LOD		<LOD	523.81	<LOD	305.66	<LOD	<LOD	31.68
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	123	123.05	957676.44	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	200.67		<LOD	30705.98	<LOD	<LOD	2008.27		309.72	<LOD	<LOD	<LOD		<LOD	<LOD	<LOD	<LOD	3030.66	<LOD		<LOD		<LOD	44.39	<LOD		<LOD	1304.08	<LOD	186.55	<LOD	<LOD	51.63
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	126	126.05	874783.31	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	592.87		<LOD	65269.25	<LOD	<LOD	19635.76		720.62	<LOD	12.71	<LOD		<LOD	<LOD	14.79	<LOD	35710.49	<LOD		<LOD		<LOD	25.06	<LOD		<LOD	2147.08	<LOD	292.76	<LOD	74.52	127.6
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	129	129.05	879598	<LOD		<LOD	<LOD		<LOD	<LOD	<LOD		<LOD	363.66		<LOD	98359.59	<LOD	<LOD	15950.87		461.61	13.57	10.08	<LOD		<LOD	<LOD	14.99	<LOD	<LOD	<LOD		<LOD		52.13	55.65	<LOD		<LOD	2944.91	<LOD	492.16	<LOD	52	80.78
Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	132	132.05	882985.56	<LOD		<LOD	<LOD		<LOD	739.27	<LOD		<LOD	252.99		<LOD	89214.59	<LOD	<LOD	7091.34		775.6	<LOD	7.88	<LOD		<LOD	<LOD	7.16	<LOD	14776.03	<LOD		<LOD		97.06	<LOD	<LOD		<LOD	2525.78	<LOD	265.2	<LOD	38.82	57.24
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Butler 8 / Butler SE Limb	Niton XRF	MN08-75	ppm	158	158.05	922364.81	<LOD		<LOD	<LOD		14.75	5208.93	<LOD		<LOD	<LOD		<LOD	46061.7	<LOD	<LOD	22204.81		581.61	15.36	20.57	<LOD		<LOD	<LOD	27.75	<LOD	<LOD	<LOD		<LOD		<LOD	63.03	<LOD		<LOD	1402.87	<LOD	160.33	<LOD	45.73	364.2
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Butler 8 / Butler SE Limb	Niton XRF	MN08-82	ppm	46	46.05	945251.63	<LOD		<LOD	<LOD		<LOD	1731.64	<LOD		<LOD	<LOD		<LOD	26420.85	<LOD	<LOD	21968.87		209.74	<LOD	11.36	<LOD		<LOD	<LOD	13.26	<LOD	<LOD	40.95		<LOD		<LOD	24.59	<LOD		<LOD	2775.96	<LOD	220.36	<LOD	60.68	187.45
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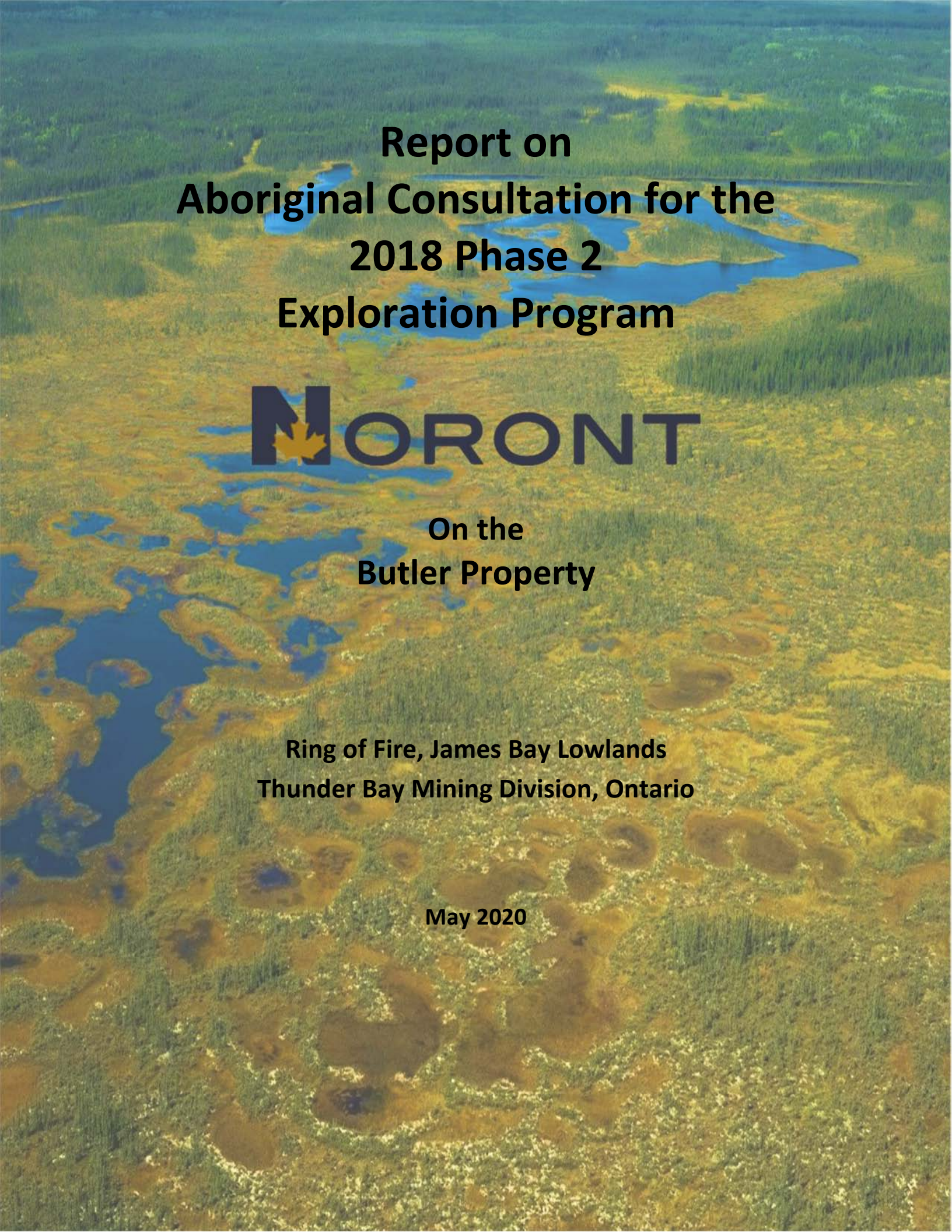


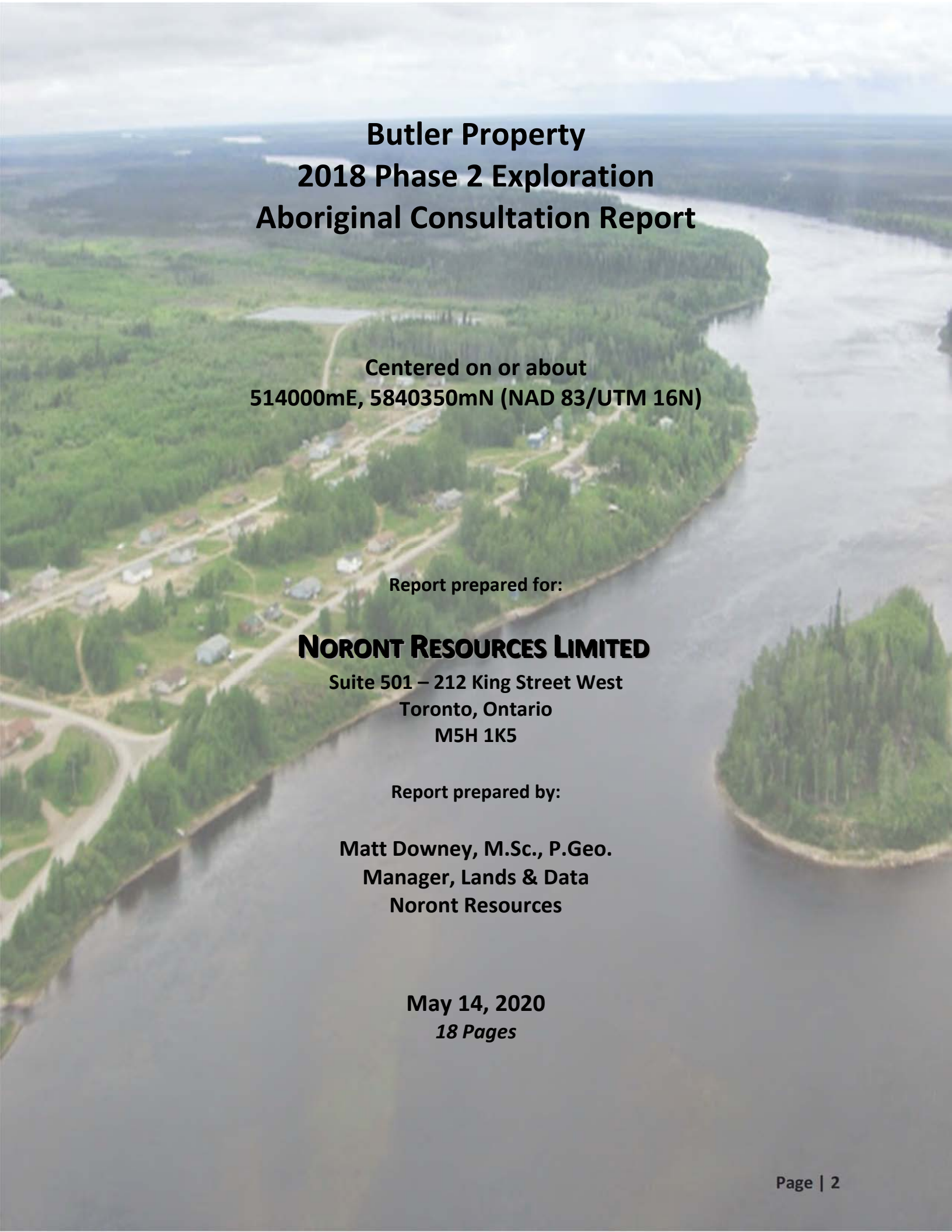
Report on Aboriginal Consultation for the 2018 Phase 2 Exploration Program

NORONT

On the
Butler Property

Ring of Fire, James Bay Lowlands
Thunder Bay Mining Division, Ontario

May 2020



Butler Property
2018 Phase 2 Exploration
Aboriginal Consultation Report

Centered on or about
514000mE, 5840350mN (NAD 83/UTM 16N)

Report prepared for:

NORONT RESOURCES LIMITED

Suite 501 – 212 King Street West
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Noront Resources

May 14, 2020
18 Pages

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Summary

This report summarizes Noront's First Nations consultation efforts during the 2018 Phase 2 exploration program on the Butler Property in the Ring of Fire, James Bay Lowlands. Noront's exploration program began on May 23, 2018 and ended on August 7, 2018. Noront has been working with the local First Nation communities since at least 2007, when major mineral deposits were first discovered in the Ring of Fire. We have engaged the communities since then on a continual basis regarding mine development and exploration.

1. Introduction

From May 23, 2018 to August 7, 2018, Noront Resources Ltd. ("Noront") completed their 2018 Phase 2 exploration program on the Butler Property in the Ring of Fire, James Bay Lowlands, Northern Ontario (**Fig. 1**). This program consisted of drill core relogging and geological outcrop mapping with associated geochemical analyses and assaying. The Butler property is located in the townships of BMA 526 863, BMA 526 864, BMA 527 863 and BMA 527 864 (NTS Sheet 43D10 and 43D15; Thunder Bay Mining Division). **Appendix 1** is a listing of the 126 claims whereupon exploration work was completed.

Noront is committed to working closely with the local First Nation communities in a meaningful way and to implement our exploration programs with a focus on health and safety, wildlife preservation, environmental sustainability, and with respect to Aboriginal and Treaty rights.

The main objective in any discussion is to inform the community of the details of the planned exploration activities so that potential impacts can be ascertained and addressed, and so that the environment, rights, and ways of life of the traditional land holders are not impeded upon.

Noront strives to hire from the local communities whenever possible. Since 2016, our exploration team has consisted of 65-70% First Nation workers, largely from Marten Falls and Webequie, but also from Aroland, Nibinamik, Eabametoong, Mishkeegogaming, Long Lake #58, Moose Cree, Red Rock, and Pic River. Active roles in the company include cooks, medics, kitchen helpers, camp labourers, field assistants, and geological (geotechnical) assistants. As well, First Nations are strongly represented on Noront's Management Team (VP of Government Relations and Manager of Community Relations). Training and capacity building of First Nation workers remains a priority for Noront.

Noront provides many different avenues for meaningful discussion with the people and governments from the local communities by way of:

- Open houses, in the communities and in Thunder Bay on a yearly basis;
- Community presentations in the communities, in Thunder Bay, and in other towns and cities in Northern Ontario on a yearly basis;
- Meetings with Chief & Council in the communities, Thunder Bay, and Toronto, on a monthly or quarterly basis;
- Job and Career Fairs in the communities, and at various mining shows;
- Employment training;
- Scholarships, bursaries, donations;
- Project fact sheets and quarterly newsletters;
- Radio shows;
- Social media updates

Not all of the items described above are herein being applied for assessment, and not all of these avenues pertain solely to exploration, as mine development in the Ring of Fire is a significant point of discussion during any engagement.

Noront's engagement with respect to mineral exploration starts well in advance of the application for Early Exploration Permits and Plans. Approximately 4 to 6 months in advance of a planned application, letters and maps are sent to the Chief & Council through the Community Communications Liaison Officers (CCLOs). This is done in order to give the communities time to review the project well in advance of the official application for Permits and Plans. This period can also involve meetings with individuals and government councils from key First Nation partner communities. After Permits and Plans are in place, and prior to the start of exploration programs, further notice is sent to all nearby communities describing the work and timelines, as well as employment opportunities. Mobilization and demobilization notices (at least 4 weeks in advance of mobilization and at least 1 week prior to demobilization) are also routinely sent to the local communities. Finally, program results, updates, and future plans are sent quarterly to key First Nation communities.

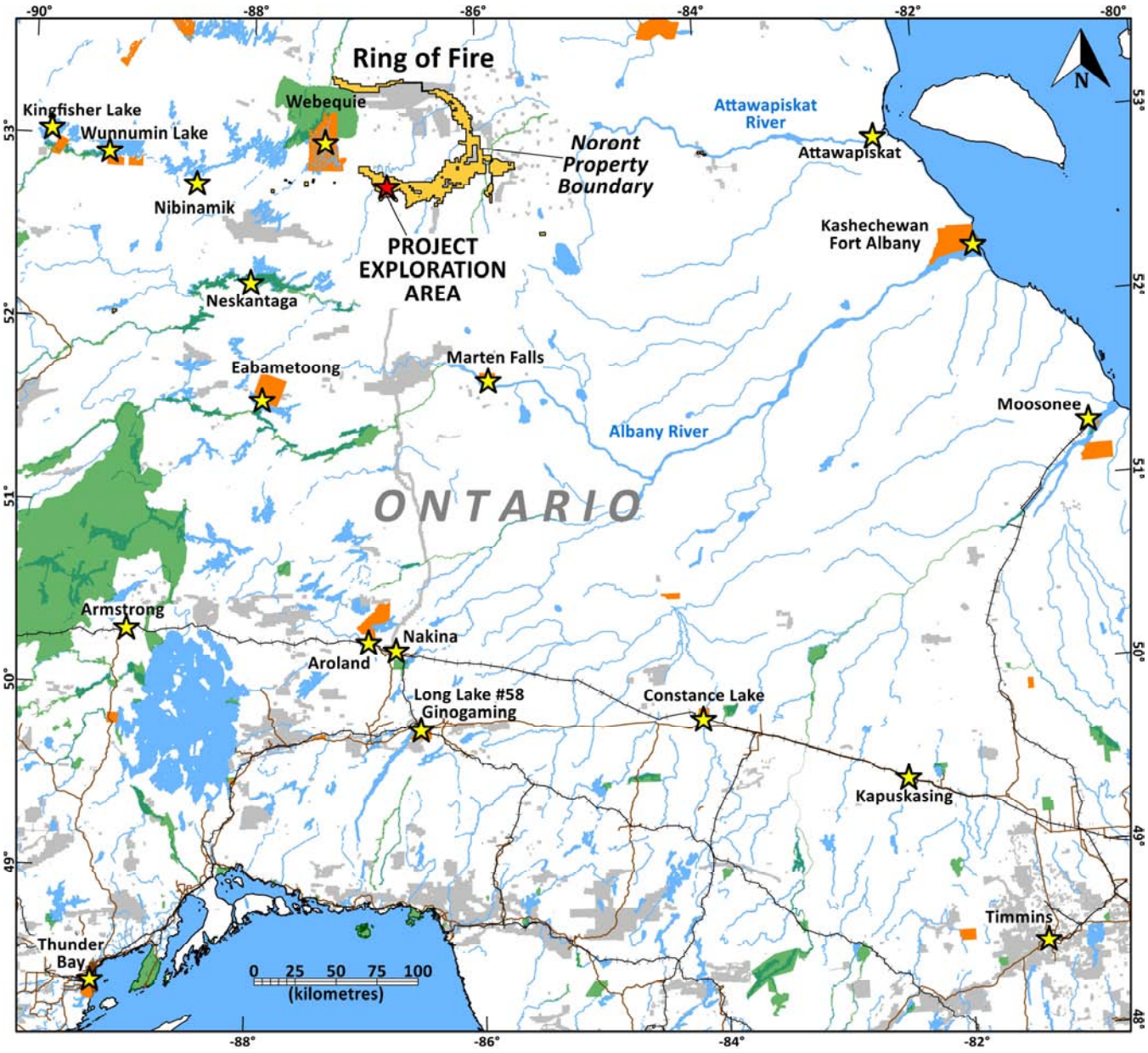

Figure 1: Location Map in Ontario.

2. Project Location & Communities Consulted

The Butler property is located in the James Bay Lowlands of Northern Ontario, in the Thunder Bay Mining Division, and is centered at approximately 514000mE, 5840350mN (NAD83/UTM Zone 16N). The property is located approximately 45 kilometres southeast of the community of Webequie, 135 kilometres northwest of the community of Marten Falls, 100 kilometres northeast of the community of Neskantaga, 300 kilometres west of the community of Attawapiskat, 280 kilometres north of the town of Nakina, and 515 kilometres north of Thunder Bay (**Fig. 1**). The closest all-season accessible community to the Ring of Fire is Nakina, where there is a paved 3,500-foot airstrip and access to the provincial road and rail network. The communities of Webequie, Marten Falls, Neskantaga, and Attawapiskat each contain gravel airstrips that can be accessed year-round as well as winter roads during the winter months. There are however currently no roads leading to the Ring of Fire.

The project area is located on the traditional territory of Marten Falls, Webequie, Neskantaga, and Nibinamik (**Fig. 2**). These communities will be most impacted by mine development and exploration and are the communities Noront works most closely with. Of those, Webequie and Marten Falls are the core communities that see the most engagement and are those that Noront has a greater relationship with.

The following communities are those that were contacted and/or consulted with for the project:

- Marten Falls First Nation
- Webequie First Nation
- Neskantaga First Nation
- Nibinamik First Nation

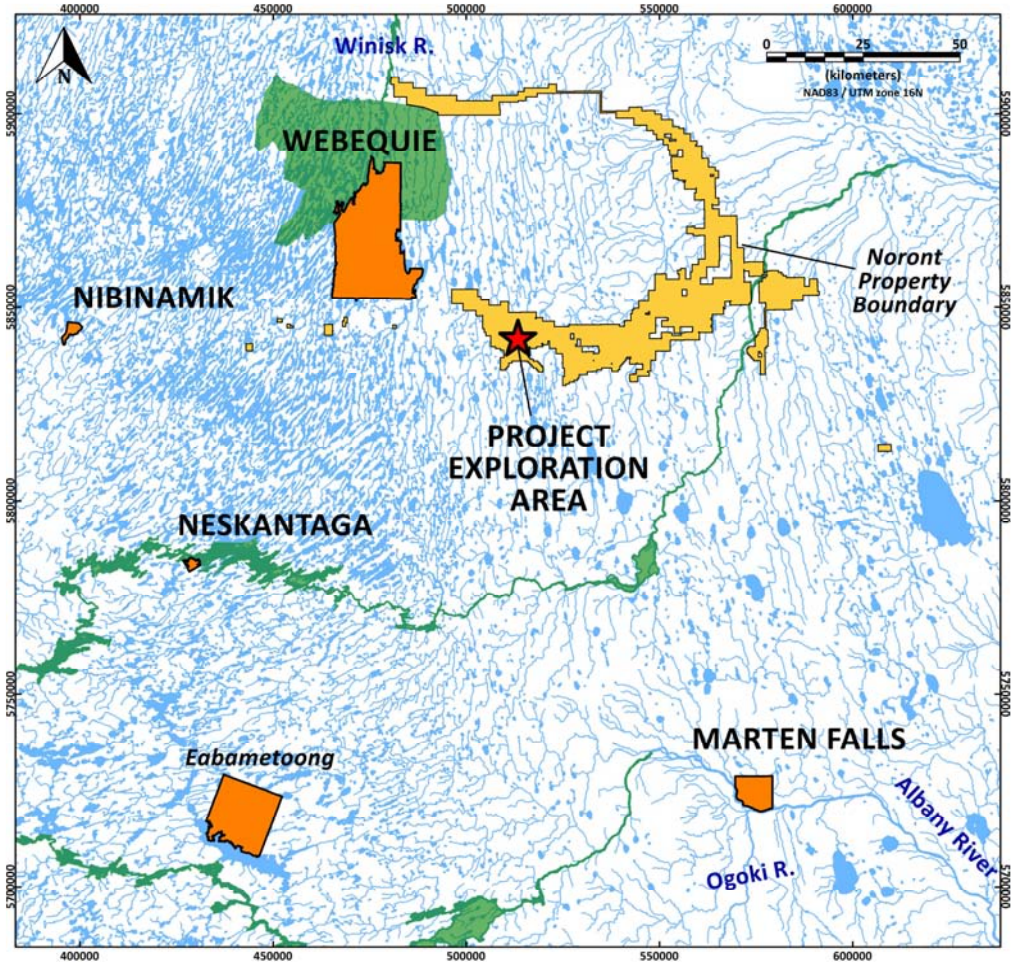

Figure 2: Location Map in the James Bay Lowlands.

3. Claims being filed for assessment

Noront's land package in the Ring of Fire contains 8296 mineral cell claims (both standard and boundary cell claims) and two mining leases totaling approximately 155,580 hectares of ground and mineral exploration rights (**Fig. 3**). The Butler property contains 841 cell claims (**Fig. 4**). Of this, 126 claims were covered during the exploration program, 100 of which are standard cell claims and 26 of which are boundary claims. The claims collectively cover an area of approximately 2,280 hectares. The Butler property is part of a joint venture between Noront (75% ownership) and Juno Corp. (25% ownership). Noront is the controlling owner of the property and is the sole operator of all projects. The claims are located in the township areas of BMA 526 863, BMA 526 864, BMA 527 863 and BMA 527 864 (NTS Sheets 43D10 and 43D15), and at the time of the writing of this report, are due between December 27, 2020, and September 21, 2021 (**Fig. 5**).

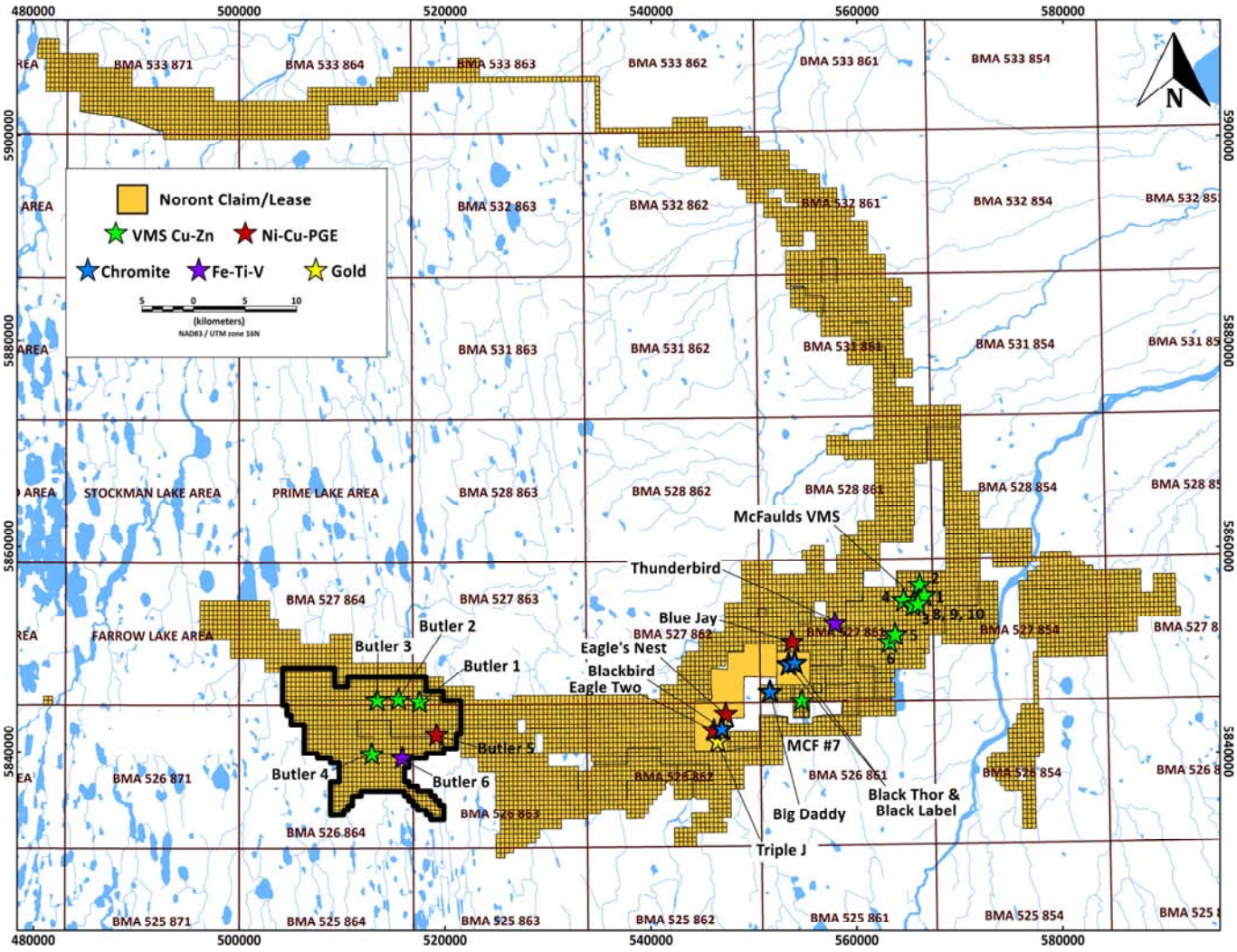

Figure 3: Noront claim map in the Ring of Fire, with mining leases shown.

4. Early Exploration Plans & Permits

Although the work herein described was not subject to the requirements of an Early Exploration Plan and/or Permit, Noront did have in place PR-13-10213R (expiring in May 19, 2021) and PL-18-010892 (effective from July 19, 2018 and expiring July 18, 2020).

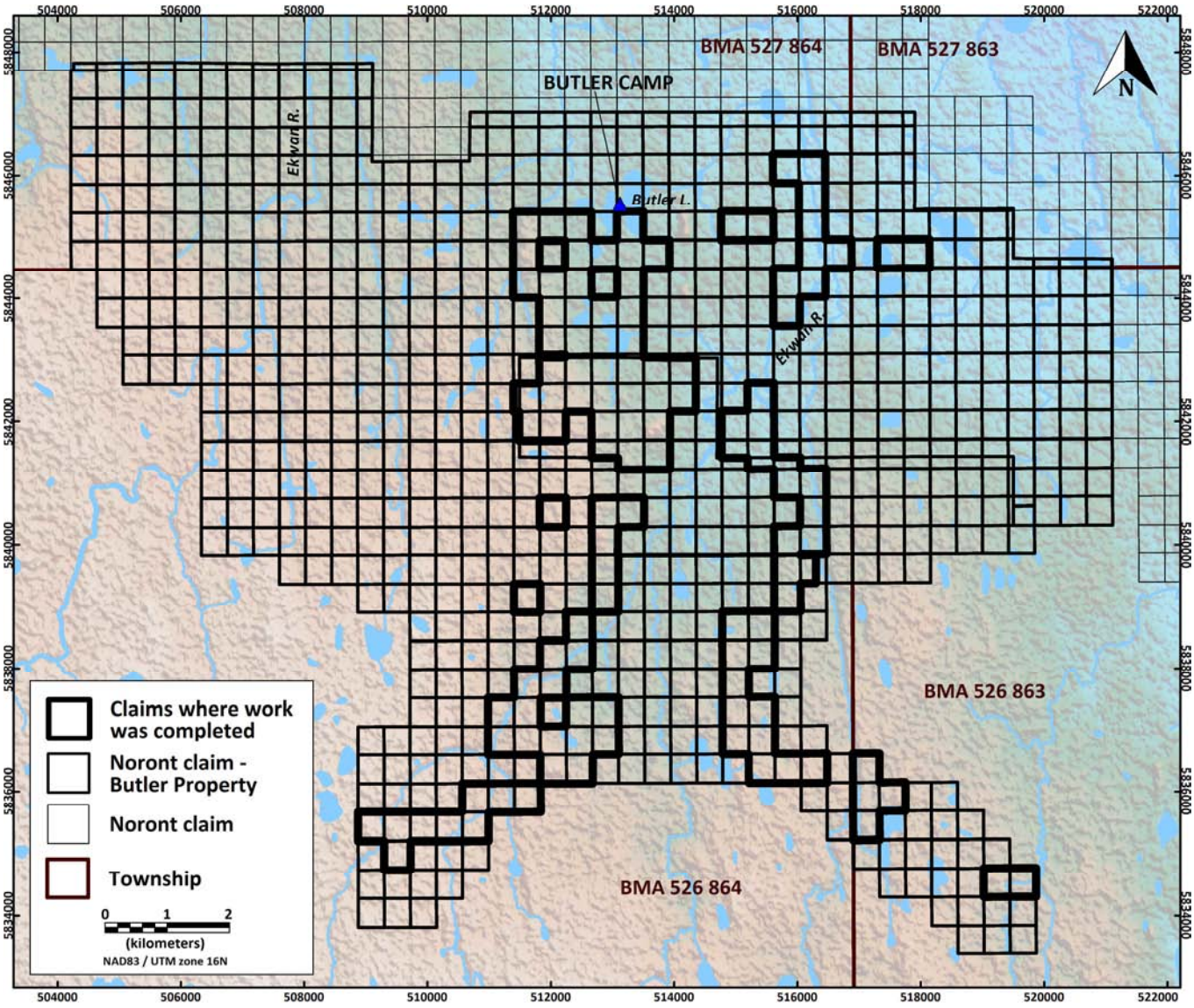

Figure 4: Butler property claim map.

5. Butler Exploration Program

The 2018 Phase 2 exploration program on the Butler property consisted of a systematic review of historical drill core from all of the mineralized occurrences (Butler 1 through 10) in conjunction with geological field mapping of identified outcrops. This was undertaken in order to generate a unified geological model of the greenstone stratigraphy, alteration and mineral potential with the aim of guiding future exploration targeting.

5.1 Drill Core Re-Logging Program

To obtain a better understanding of the geology and the mineral potential of the area a drill core review program was executed between May 23-30, 2018 (**Fig. 6**). The program targeted areas that would maximize the understanding of the greenstone terrain. Priority drill holes focused on known Cu-Zn mineralized areas and the stratigraphy that hosts them, followed by a broad property-scale review to constrain the relationships between the various fold limbs and arms of the Butler area.

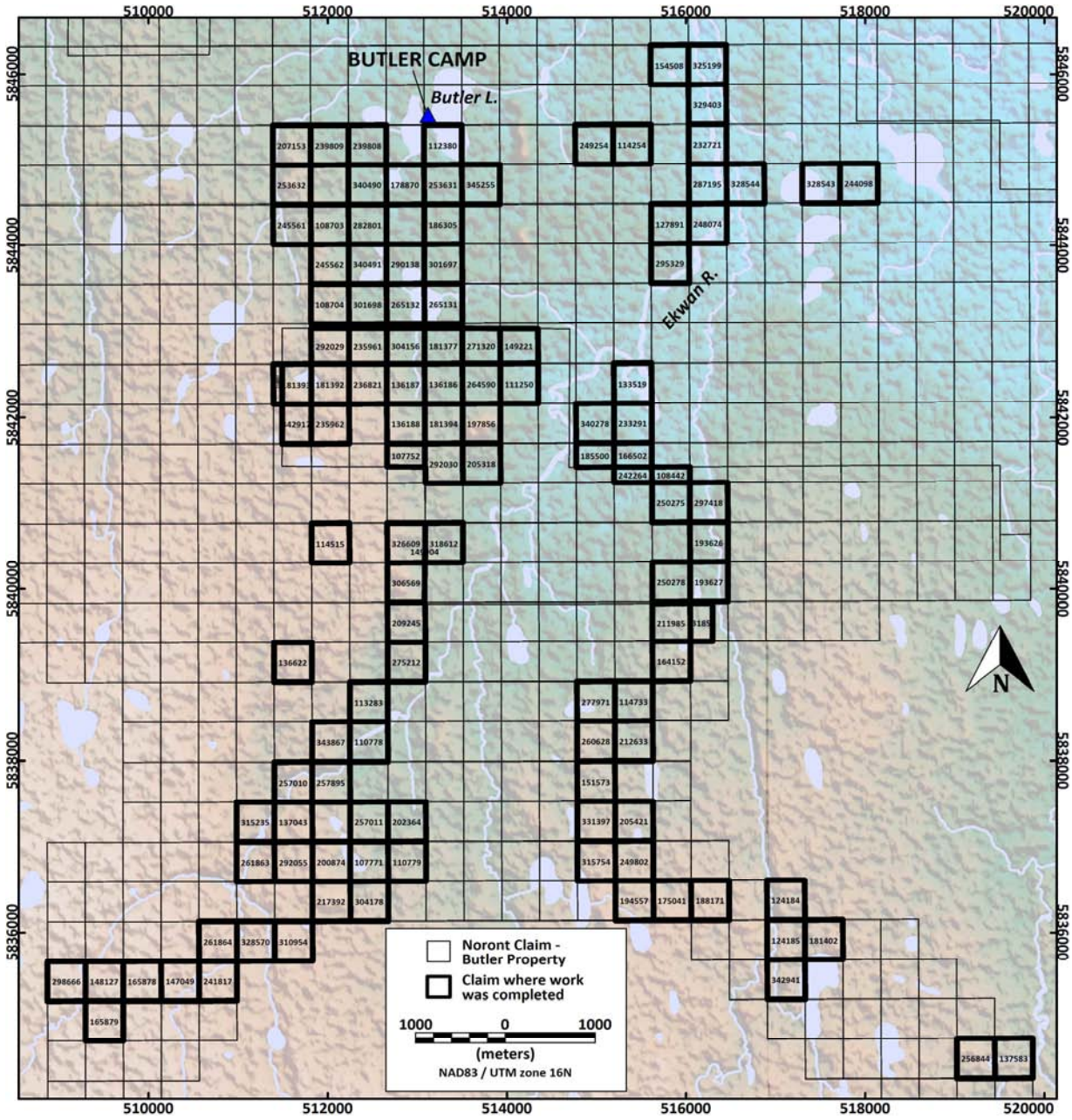

Figure 5: Claims worked on the Butler property.

A total of 26 drill holes were reviewed at the Butler Lake site over the one-week period. Core was either laid out on the ground or on temporary core benches for review. Point data was collected for both portable XRF (pXRF) and magnetic susceptibility to confirm similar responses to the historic data. Core logging focused on major units, the stratigraphic sequence, facies changes within the stratigraphic sequence and the style of mineralization when present. Field notes were taken and compiled and core photos taken.

Noront's exploration team consists of Ryan Weston (VP Exploration), Matt Deller and Geoff Heggie (Senior Geologists), and Matt Downey (Manager, Lands & Data). They were involved in the planning and execution of the exploration program. Each hole was re-logged concurrently by Ryan Weston and Geoff Heggie and notes were compared at the end of the program to compile summaries for each hole. Core logging was completed with the assistance of Curtis Coaster (Noront geotechnician) at the Butler Lake site. Activation Laboratories ('Actlabs') of Thunder Bay, Ontario, analyzed the drill core samples.

Noront strives to hire from local communities whenever possible. Over the last two years, our exploration team has consisted of 65% local First Nation workers, with Webequie and Marten Falls representing 75-80% of that First Nation workforce. We remain committed to hiring from Webequie and Marten Falls first. Active roles include cook-medics, kitchen staff, camp support, and field and geological assistants. Training and capacity building of First Nation employees remains a priority for Noront.

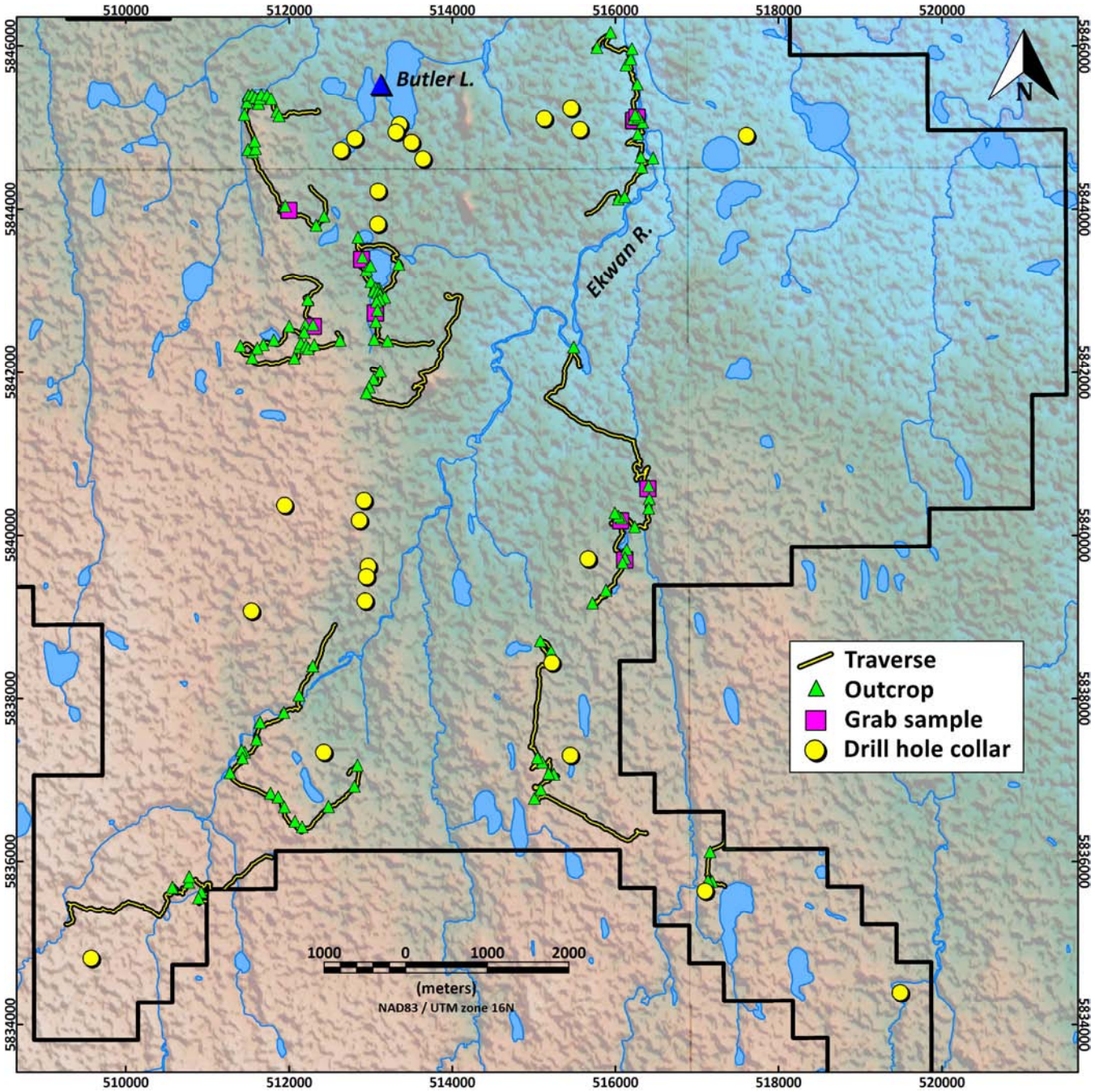

Figure 6: Exploration work on the Butler property.

5.2 Geological Outcrop Mapping

In conjunction with the Butler core re-logging program, a Butler mapping program was executed between June 7-11, 2018 (**Fig. 6**). Outcrop in the Ring of Fire is generally very sparse, with most of the region covered by muskeg, till and water. However, in the Butler area, and towards the west of the Ring of Fire in general, thinning

muskeg and till layers result in more exposed bedrock. With this in mind, the objective of the program was to map identified outcrops on the property in hopes of better understanding the distribution of key units identified in the core logging program, as well as to obtain information in areas where little historical drilling had taken place.

The program consisted of two mapping crews, each with a geologist and field assistant. The first crew consisted of Ryan Weston (geologist and Noront VP of Exploration) and Rob Lyght (geotechnician) and the second crew consisted of Matt Deller (senior geologist) and Tristan Megan (geotechnician). Garmin handheld 60CX and 62CS devices were used for collecting positioning data.

All work was staged out of Noront's Esker site, with daily crew drop-off and pick-up via helicopter. Drop off and pick up points were pre-determined and communicated to the helicopter pilot each morning. Crews were outfitted with handheld radios to communicate with each other, as well as SPOT GPS units and a satellite phone to communicate with Esker site in the event of an emergency. With the exception of the 'odd' mosquito or black fly bite, the mapping program was completed without incident or injury to any of the workers.

A total of 10 grab samples were taken in the field in order to examine the geochemistry of certain lithologies encountered in the field. Activation Laboratories ('Actlabs') of Thunder Bay, Ontario, analyzed the samples.

6. Aboriginal Consultation

The majority of consultation that took place with regards to the 2018 Phase 2 exploration program was with Marten Falls and Webequie. Neskantaga and Nibinamik were ultimately involved in fewer discussions.

Noront personnel who took part in community consultations include Alan Coutts (President and CEO), Bob Carreau (Corporate Advisor, Sustainability), Geoff Heggie (Senior Geologist), Glenn Nolan (VP, Government Affairs), Kaitlyn Ferris (Manager, CSR & HR), Mark Baker (VP, Projects), Matt Deller (Senior Geologist), Matt Downey (Manager, Lands & Data), Mike Desilets (Site & Project Manager), Ryan Weston (VP, Exploration), Scott Jacob (Manager, Community Relations), Steve Flewelling (Chief Development Officer), and Sydney Finnigan (Communications & Admin Coordinator).

Table 1 below outlines the major events and meetings that took place during the exploration program. A common objective with each meeting is to describe the exploration projects and inform the community members of the types of work being done, when, and where specifically. Noront is open to any concerns the community members may have with respect to specific sites of cultural significance within the project areas, be it hunting grounds, traplines, a camp, or other sites of significance, or any environmental concerns. There are also protocols in place to avoid certain areas year-round (such as sacred ground), or other areas specifically during spring and fall hunting seasons. Noront also invites local community members to perform drumming ceremonies and prayers during the start of new exploration projects or programs on their traditional land. Further dialogue on matters old and new is always welcome. Another objective is to educate community members on the aspects and details of exploration and geology, with the ultimate goal of getting people interested in the project, and possibly interested in job or career advancement.

Year/Month	EVENT	Noront Personnel	Discussion Topics
201805	MFFN exploration meeting in Toronto, May 2018	AC, SF	Exploration update and future plans
201805	WBFN meeting in Webequie, May 2018	SJ, RW, KF	Exploration update and future plans, advancing exploration agreement
201806	MFFN exploration meeting in Toronto, June 2018	AC, SF, RW, SJ	Exploration future plans

201806	Presentation at Thunder Bay Mining Day 2018	SJ, RW	Presentation to various communities re. Noront exploration
201807	WBFN presentation in Webequie, July 2018	SJ	Exploration update and future plans
201809	MFFN exploration meeting in Thunder Bay, Sept 2018	MDY, RW, SJ	New exploration permits; relationship building with CCLO from MFFN; exploration update and future plans
201809	Nibinamik meeting, Sept 2018	SJ	Exploration update, future plans, exploration permits
201809	WBFN exploration meeting in Thunder Bay, Sept 2018	SF, AC	Exploration update and future plans, advancing exploration agreement
201810	AWFN & NBFN meeting, Oct 2018	SJ	Exploration update, future plans, exploration permits
201811	WBFN meetings, Nov-Dec 2018	KF, SJ, BC, SF	Exploration update and future plans, advancing exploration agreement

* Noront Personnel: AC - Alan Coutts, BC - Bob Carreau, GH - Geoff Heggie, GN - Glenn Nolan, KF - Kaitlyn Ferris, MB - Mark Baker, MDL - Matt Deller, MDS - Mike Desilets, MDY - Matt Downey, RW - Ryan Weston, SF - Steve Flewelling, SFN - Sydney Finnigan, SJ - Scott Jacob

Table 1: List of consultation meetings during the aforementioned exploration program.

7. Conclusions

The majority of consultation that took place with regards to the 2018 Phase 2 exploration program on the Butler property was with Marten Falls and Webequie. Neskantaga and Nibinamik were ultimately involved in fewer discussions, but nonetheless, maps and documents pertaining to exploration programs were sent to all First Nations.

The results of the consultations with all First Nations were all encouraging. Noront maintains an active partnership with Marten Falls and Webequie, and meetings and/or discussions occur monthly with community members, CCLOs, and Chief and Councils. There have been no major deficiencies on Noront's part that have been brought to the table. Noront also adheres to 'no-go' zones of cultural and spiritual significance in the Ring of Fire and maintains a moratorium on exploration in the Butler area during the spring goose hunt and fall moose hunt.

Respectfully submitted:

Matt Downey, M.Sc., P.Geo., May 2020

Certificate

I, Matt Downey, M.Sc., P. Geo., of 34 Glen Dhu Drive, Whitby, Ontario, do hereby certify that:

1. I am a geologist in the Province of Ontario with 14 years of experience in the mineral exploration industry. I have an Hon. B.Sc. from the University of Toronto, Toronto, Ontario (2002) and an M.Sc. from the University of Waterloo, Waterloo, Ontario (2005).
2. I have worked in the Ring of Fire as a geologist and lands & data manager since September 2008.
3. I have studied the project area thoroughly and have visited the project area a number of times since 2009.
4. I obtained my P. Geo status within the Province of Ontario (APGO) in March, 2011.
5. I am responsible for the preparation of this report, except as provided for or disclaimed in the report, based on the sources and documents described in the report.
6. As of the date of this report, I am not aware of any material fact or material change with respect to the subject matter of this report, which is not reflected in this report, the omission to disclose which makes this report misleading.
7. I am the Manager, Lands & Data for Noront Resources Ltd. and handle land and data management, map and geological report preparation, and aid in Noront's exploration projects.
8. I hereby give my consent to Noront Resources to use this report in support of their application for assessment credit on the subject property.

Matt Downey, M.Sc., P. Geo., May 2020
Toronto, Ontario

APPENDIX 1 - Claim List - Butler Project

#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
1	Butler	107752	43D10K131	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
2	Butler	107771	43D10K330	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
3	Butler	108442	43D10K138	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
4	Butler	108443	43D10K218	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
5	Butler	108703	43D10K009	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
6	Butler	108704	43D10K049	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
7	Butler	110778	43D10K270	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
8	Butler	110779	43D10K331	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
9	Butler	111250	43D10K094	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
10	Butler	112380	43D15C372	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
11	Butler	113283	43D10K250	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
12	Butler	114254	43D15C377	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
13	Butler	114515	43D10K169	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
14	Butler	114733	43D10K257	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
15	Butler	124184	43D10J341	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping
16	Butler	124185	43D10J361	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping, Core Relogging
17	Butler	127891	43D10K018	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
18	Butler	133519	43D10K097	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
19	Butler	136186	43D10K092	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
20	Butler	136187	43D10K091	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
21	Butler	136188	43D10K111	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
22	Butler	136622	43D10K228	Standard	Noront 75% - Juno Corp. 25%	20210219	BMA 526 864	Core Relogging
23	Butler	137043	43D10K308	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
24	Butler	137583	43D10G027	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
25	Butler	147049	43D10K385	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
26	Butler	148127	43D10K383	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
27	Butler	149221	43D10K074	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
28	Butler	149904	43D10K171	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Core Relogging
29	Butler	150337	43D10K072	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
30	Butler	151573	43D10K296	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
31	Butler	154508	43D15C338	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
32	Butler	164152	43D10K238	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
33	Butler	165878	43D10K384	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
34	Butler	165879	43D10F003	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Core Relogging
35	Butler	166502	43D10K137	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
36	Butler	175041	43D10K358	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
37	Butler	178870	43D15C391	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
38	Butler	181377	43D10K072	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
39	Butler	181392	43D10K089	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
40	Butler	181393	43D10K088	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
41	Butler	181394	43D10K112	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
42	Butler	181402	43D10J362	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Geological Mapping
43	Butler	185500	43D10K136	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
44	Butler	186305	43D10K012	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Core Relogging
45	Butler	188171	43D10K359	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
46	Butler	193626	43D10K179	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
47	Butler	193627	43D10K199	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
48	Butler	194557	43D10K357	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
49	Butler	197856	43D10K113	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
50	Butler	200874	43D10K329	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
51	Butler	202364	43D10K311	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
52	Butler	205318	43D10K133	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
53	Butler	205421	43D10K317	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping, Core Relogging
54	Butler	205798	43D10K071	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
55	Butler	207153	43D15C368	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
56	Butler	209245	43D10K211	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
57	Butler	211985	43D10K218	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping, Core Relogging
58	Butler	212633	43D10K277	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Core Relogging
59	Butler	215897	43D10K088	Boundary	Noront 75% - Juno Corp. 25%	20210219	BMA 526 864	Geological Mapping
60	Butler	217392	43D10K349	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
61	Butler	232721	43D15C379	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping

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#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
62	Butler	233291	43D10K117	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
63	Butler	235961	43D10K070	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
64	Butler	235962	43D10K109	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
65	Butler	236821	43D10K090	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
66	Butler	239808	43D15C370	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
67	Butler	239809	43D15C369	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
68	Butler	241817	43D10K386	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
69	Butler	242264	43D10K137	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
70	Butler	244098	43D15B383	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 863	Core Relogging
71	Butler	245561	43D10K008	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
72	Butler	245562	43D10K029	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
73	Butler	248074	43D10K019	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
74	Butler	249254	43D15C376	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
75	Butler	249802	43D10K337	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
76	Butler	250275	43D10K158	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
77	Butler	250278	43D10K198	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
78	Butler	253631	43D15C392	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
79	Butler	253632	43D15C388	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
80	Butler	256844	43D10G026	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
81	Butler	257010	43D10K288	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
82	Butler	257011	43D10K310	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
83	Butler	257895	43D10K289	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
84	Butler	260628	43D10K276	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping, Core Relogging
85	Butler	261863	43D10K327	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
86	Butler	261864	43D10K366	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
87	Butler	264590	43D10K093	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
88	Butler	265131	43D10K052	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
89	Butler	265132	43D10K051	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
90	Butler	271320	43D10K073	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
91	Butler	275212	43D10K231	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
92	Butler	277971	43D10K256	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping, Core Relogging
93	Butler	282801	43D10K010	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
94	Butler	287195	43D15C399	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
95	Butler	290138	43D10K031	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
96	Butler	292029	43D10K069	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
97	Butler	292030	43D10K132	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
98	Butler	292055	43D10K328	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
99	Butler	295329	43D10K038	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
100	Butler	297418	43D10K159	Standard	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
101	Butler	298666	43D10K382	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
102	Butler	301697	43D10K032	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping, Core Relogging
103	Butler	301698	43D10K050	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
104	Butler	304156	43D10K071	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
105	Butler	304178	43D10K350	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
106	Butler	306569	43D10K191	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
107	Butler	310954	43D10K368	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
108	Butler	315235	43D10K307	Standard	Noront 75% - Juno Corp. 25%	20201227	BMA 526 864	Geological Mapping
109	Butler	315754	43D10K336	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
110	Butler	318612	43D10K172	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Core Relogging
111	Butler	325199	43D15C339	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
112	Butler	326609	43D10K171	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Core Relogging
113	Butler	328543	43D15B382	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 863	Core Relogging
114	Butler	328544	43D15C400	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
115	Butler	328570	43D10K367	Standard	Noront 75% - Juno Corp. 25%	20210917	BMA 526 864	Geological Mapping
116	Butler	329403	43D15C359	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping
117	Butler	331397	43D10K316	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 864	Geological Mapping
118	Butler	331851	43D10K219	Boundary	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
119	Butler	340278	43D10K116	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
120	Butler	340490	43D15C390	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging
121	Butler	340491	43D10K030	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 526 864	Geological Mapping
122	Butler	340492	43D10K070	Boundary	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Geological Mapping

APPENDIX 1 - Claim List - Butler Project

#	Property	Claim	Cell	Cell_Type	Ownership	Anniversary	Township/Area	Exploration_Project
123	Butler	342917	43D10K108	Boundary	Noront 75% - Juno Corp. 25%	20210129	BMA 526 864	Geological Mapping
124	Butler	342941	43D10J381	Standard	Noront 75% - Juno Corp. 25%	20210921	BMA 526 863	Core Relogging
125	Butler	343867	43D10K269	Standard	Noront 75% - Juno Corp. 25%	20210215	BMA 526 864	Geological Mapping
126	Butler	345255	43D15C393	Standard	Noront 75% - Juno Corp. 25%	20210828	BMA 527 864	Core Relogging

APPENDIX 2 - Noront Record of Consultation - Butler Project

Date (dd/mm/yy)	Community or Group Contacted	Person(s) contacted within that community (with job title)	Method of Contact	Noront Contact	Purpose of Contact	Description	Concerns or Questions Raised	Proponent's Response (commitments, information provided, etc)	Action Items (revision, additional information, etc)	Materials Provided or Exchanged
8/15/2018	MFFN - Marten Falls	Chief Achneepineskum, Lawrence Baxter, Alana Downie Baxter, Russell AChneepineskum	personal contact at NAN Keewaywin conference, chapleau Ontario	GK Nolan	discussed all season road, community mtgs,	spoke with Chief and Councilor Baxter regarding general issues. How was EA work on road going; Anything happening in community Noront could help with ie community meeting; looking forward to upcoming mtg in toronto with S Flewelling.				
8/15/2018	NBFN - Nibinamik	Chief Yellowhead & Council	personal contact at NAN Keewaywin conference, chapleau Ontario	GK Nolan	discussed coming to NBFN to provide update of EN project. Chief was a greeable. asked that we work with Lias to plan for community visit					
9/17/2018	MFFN - Marten Falls	Maria Baxter (CCLO)	Email	Matt Downey	Introductory email; gold area permit applications	Email to Maria Baxter to introduce Matt & set up a phone call to discuss upcoming gold area permit applications				will provide maps later
9/17/2018	WBFN - Webequie	Terry Spence (CCLO)	Email	Matt Downey	Introductory email; gold area permit applications	Email to Terry Spence to introduce Matt & set up a phone call to discuss upcoming gold area permit applications				will provide maps later
9/25/2018	MFFN - Marten Falls	Maria Baxter (CCLO); Bob Baxter (Council Member)	Meeting in Thunder Bay Noront office	Matt Downey	Introductory meeting with Maria and Matt; update MFFN on exploration & permits	Meeting in Noront office with Maria, Bob Baxter, Ryan Weston, Scott Jacob and Matt Downey. Discussion of Noront's exploration work and explorations plans and permitting, including possible new permits. Also discussed our new approach to consultation, whereby we will send out quarterly updates, update Maria & Chief & Council with any exploration plans, and consult well in advance of submitting any new permits so that we minimize any possible issues coming up during the permitting process. I also asked Bob Baxter if they could share their ATK values (sites of significance) so that we can plan new permits or exploration programs around them	Bob Baxter concerned that claims are being staked and permits being issued whilst in the middle of land use planning stage. We said that significant portions of ground had been protected from staking, but Bob was speaking of areas that are still in the planning stages. He is worried that there is a lack of transparency from the government. Maria also had concerns about the new claim system (MLAS) and I (Matt) mentioned I could help her. She was also unsure if she could ever talk directly to anyone at Noront and we told her that she could call anytime as that is a main focus of her role. Bob also mentioned they could not share all of the ATK values (sites of significance) and that when we had plans in place, we could consult with them and they would tell us if there were any sites / ATK values in those areas.	Maria and Bob were both happy with the outcome of the meeting (quarterly update) and happy to meet Matt as well as open a line of communication with him in regards to our exploraiton plans/permits and activities.	Noront to send MFFN (and other communities) quarterly updates and a program summary of all exploration. Noront to provide MFFN with printed coloured newsletters and other presentation materials, including poster sized maps, to be sent directly to the community because they don't have good printers (or a plotter).	1 colour copy of all 8 Eagle's Eye Newsletters to date
9/27/2018	WBFN - Webequie	Terry Spence (CCLO)	phone call	Matt Downey	Introductory meeting with Terry and Matt; update on exploration programs	Introduction of Terry & Matt. Explained immediate plans (demob from Sanderson, move drill back to McFaulds). Terry asked if we were doing any exploration east of Webequie or in Winiskisis Channel. This in turn lead to discussion on possible gold exploration in those areas but there are no immediate plans to do anything. Also discussed our new approach to consultation, whereby we will send out quarterly updates, update Terry & Chief & Council with any exploration plans, and consult well in advance of submitting any new permits so that we minimize any possible issues coming up during the permitting process.	No concerns; Question about when we can come and present to the community	He was fine with the explanations given re. exploration, but mostly wanted to see if we could come and do a community visit, as well as provide a helicopter for an upcoming moose hunt.	Noront to send WBFN quarterly updates and a program summary of all exploration.	
10/12/2018	MFFN - Marten Falls	Maria Baxter (CCLO)	Email	Matt Downey	2018 exploration review and update for Chief & Council	Provided a summary of Noront's 2018 Exploration Programs in the Ring of Fire, as well as an update for currently planned and upcoming exploration programs as part of our mandate to keep the core communities informed of our exploration programs and plans.	No concerns			pdf memo
10/12/2018	WBFN - Webequie	Terry Spence (CCLO)	Email	Matt Downey	2018 exploration review and update for Chief & Council	Provided a summary of Noront's 2018 Exploration Programs in the Ring of Fire, as well as an update for currently planned and upcoming exploration programs as part of our mandate to keep the core communities informed of our exploration programs and plans.	No concerns			pdf memo
11/20/2018	WBFN - Webequie	Terry Spence (CCLO)	Text & phone call	Matt Downey	Webequie visit; CCLO meeting in Thunder Bay	Discussion surrounding organizing trip to Webequie (which is not happening at this point in time) and CCLO meeting in Thunder Bay. Terry also set up a meeting at Noront office in TBay.				
11/23/2018	MFFN - Marten Falls	Maria Baxter (CCLO)	Phone call	Matt Downey	Exploration updates	Spoke with Maria regarding notice from Bob Baxter that him and some council and community members were not recieving the exploration updates I've been sending Maria. Maria assured me she is sending them out.				
11/29/2018	MFFN - Marten Falls	Maria Baxter (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server

APPENDIX 2 - Noront Record of Consultation - Butler Project

Date (dd/mm/yy)	Community or Group Contacted	Person(s) contacted within that community (with job title)	Method of Contact	Noront Contact	Purpose of Contact	Description	Concerns or Questions Raised	Proponent's Response (commitments, information provided, etc)	Action Items (revision, additional information, etc)	Materials Provided or Exchanged
11/29/2018	WBFN - Webequie	Terry Spence (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/29/2018	CNFN - Constance Lake	Wayne Neegan (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/29/2018	EAFN - Eabametoong	Ralph Shawinimash (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/29/2018	LLFN - Long Lake No.58	Ervin Waboose (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/29/2018	GNFN - Ginoogaming	Peter Rasevych (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/29/2018	NBFN - Nibinamik	Stanley Oskineegish (CCLO)	presentation at Matawa office in Thunder Bay	Ryan Weston	Exploration update & CCLO capacity building exercise organized by Ryan Tuomi ENDM	Ryan Tuomi invited Noront to present technical results from our exploration in the ROF to help build the CCLOs ability to understand & interpret exploration results of companies working in there TT.	no concerns raised		none	ppt presentation made "CCLO Exploration update_20181128" stored on the server
11/30/2018	WBFN - Webequie	Terry Spence (CCLO)	meeting at Noront Tbay office	Ryan Weston	discussion of Terry's pending meeting (Dec 7th) with elders in the community to guage their support for Noront's development plans and explroation activities	Terry informed us he would be meeting with Elders on reserve Dec 7th and wanted to know what sorts of questions we'd like him to ask. We suggested the following questions: 1) Do they support mine development in the ROF, and if so do they support Noront leading this development?, 2) Do they understand the exploration agreement proposed by Noront?	asked if we'd be able to update the off-reserve members at a Dev 20th meeting	I told Terry we'd likely be able to and would wait for him to make sure C&C would like us t present	none	provided paper and digital copies of slides 36-40 (proposed Agreement progression) of the May 30th presentation made to the community.