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Report of 2022 Geological Mapping & Sampling Survey on the Otto Gold Property

Otto Township

Larder Lake Mining District

Northeastern Ontario

UTM: 565500 E, 5325500 N [NAD83] ZONE 17

NTS: 42A/01 SE

Claims: Unpatented Claims: 678350 to 678367, inclusive

PREPARED ON BEHALF OF PRODIGY GOLD INC.

3 Dree Road

Dubreuilville, Ontario

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September 17, 2023

Summary Page

Geographic Location: Otto Lake Area, Otto Twp

Claim Cells Worked On: Unpatented Claim Cell: 678350 to 678367, inclusive

Target Commodity: Gold

Map Scale 1:2500

Area (hectares): 864.55 ha

GPS Geological Survey (total line kilometers): 19 km

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Gold Geochemistry Map at Scale: 1:2500

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Appendix 3 – Actlabs Assay Certificates
Appendix 4 – Time Log
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SUMMARY

The Otto Gold Property is located 10 kilometers southwest of Kirkland Lake and 3 kilometers south of Swastika, in northeastern Ontario. The Otto Gold Property is directly accessed by road from Kirkland Lake and Swastika via Trans-Canada Highway 66 East and then onto well maintained gravel roads of Otto Rural 1 Road and Valleyview Road. The property consists of 18 unpatented claim cells covering 864.55 hectares. The unpatented mining claims are 100% owned by Prodigy Gold Inc., a subsidiary or affiliate of Argonaut Gold Inc.

The area is known for one of the earliest gold discoveries in the Kirkland Lake-Larder Lake area in 1906. The discovery led to the development of the Swastika Gold Mine, which produced 30,071 oz Au from 94,068 tonnes @ 9.90 g/t Au. It is located on the north-shore of Otto Lake, north of the Otto Gold Property. There has been limited exploration on the Otto Gold Property spanning over 40 years from 1978 to 2017. The most recent exploration was carried out by Atacama Resources in 2017, where a ground magnetic survey outlined several magnetic linear zones. Overall, exploration work on and adjacent to the Otto Gold Property consisted of mainly geological mapping, prospecting, rock and soil sampling, and trenching, with no significant gold results returned.

The Otto Gold Property underlies the general area as part of the Kirkland Lake-Larder Lake Gold Belt (42.6 Moz Au) in the southern Abitibi Greenstone Belt (ca 2.6-2.8 Ga) of the Superior Province in the Precambrian Shield. The supracrustal rocks underlying the belt consist primarily of metavolcanics with mafic intrusives and minor chemical/clastic metasediments and felsic metavolcanics, bounded and intruded by both younger alkalic of the Otto Stock and older calc-alkalic felsic to intermediate intrusives. The mafic metavolcanics account for 95% of the underlying rocks on the property and consist of iron and magnesium-rich tholeiitic basalts, with two localized gabbro bodies. Ultramafic rocks have been identified on the Otto Gold Property, however, their extent is not truly known. Folded chemical/clastic metasediments and minor felsic metavolcanics have been observed. The supracrustal rocks are bounded and intruded by both younger and syn-tectonic alkalic felsic to intermediate intrusives of the Otto Stock, which range from quartz syenite to syenite and lesser nepheline syenite. A north-south trending Matachewan diabase dike has been observed. The average principal foliation-(shear) trend is generally east (91º), with an average sub-vertical dip to the south at 81º. Fold axis lineation suggests two plunge directions: 1) main southwest plunge at 75º and 2) westward plunges of 21º and vertical at 88°. The moderate to strong shearing domains are discontinuous and limited in geometry. The presence of a fold's show both west and east closures, and further study is required. The principal regional structure is the Otto Structural Complex, which bounds the Otto Stock. The strain zone underlying the Otto Structural Complex is reflected by a metamorphic aureole with potassic metasomatic alteration bounding the Otto Stock. The aureole is not well defined and may be up to 100 to 200 meters wide, however, it does show a strong magnetic response/'front' bounding the Otto Stock.

A total of 19 kilometers of GPS geological mapping/shoreline geology and prospecting was carried out between August 21 and September 11, 2022. The mapping and prospecting program was not successful in confirming the presence of gold mineralization but did find additional new sulphide mineralization. However, it was successful in delineating favorable altered structures in and along contacts with a variety of different rock types. Mapping and prospecting have confirmed and identified two litho-types in two separate target areas of interest.

1) North Gabbro/Mafic Metavolcanic Contact
   - Geometry – 150-meter quartz vein/stockwork structure within 1 kilometer gabbro/mafic metavolcanic contact and hosted in gabbro.
   - Alteration - coincidental to strong ankerite with silicified-fuchsite alteration
   - Sulphide & Gold - weakly disseminated pyrite with no significant gold grades from rock samples.
   - Humus Orientation - humus survey returned anomalous gold values up to 71 ppb Au (FA/AA) and 54 ppb Au (INAA)

2) West-Central Sulphidized Magnetite BIF
   - Geometry – 200 meter north-south fold hinge area hosted in sulphidized oxide facies BIF
   - Structure – fold convergence to west
   - Sulphide & Gold – variable sulphide up to semi-massive pyrite & no significant gold values
   - Ground Magnetics – coincidental strongly folded magnetics

The Otto Structural Complex remains the major regional structure peripheral to the Otto Stock and remains untested. This structure is reflected as a metamorphic contact aureole with adjacent mafic metavolcanics and chemical/clastic metasediments, and may be conducive to precious metal, lode gold-bearing mesothermal mineralization.

Although the gold results were disappointing on a property and target scale, the geological and prospecting program did provide a general understanding of the geological environment conducive to gold mineralization. Therefore, it is recommended to…

1) Completion of mapping and prospecting (~ 20-line km) on the Otto Property
2) Consider expanding humus sampling on the North Gabbro target area.
3) Drone-based LiDAR of 6.5 square km

1.0) Introduction

1.1 General

The Otto Gold Property is located 10 kilometers southwest of Kirkland Lake and 3 kilometers south of Swastika, in northeastern Ontario (Figure 1). A GPS geological mapping and prospecting program was initiated from August 21 to September 11, 2022, covering 18 unpatented claim cells, numbered 678350-367, inclusive.

The purpose of the 2022 geological and prospecting program was to follow-up on magnetic target areas and verify historical trenching areas with further understanding of the geological environment. This report describes and interprets the results from the geological mapping and geochemical results from the 2022 program. A humus orientation survey was also initiated and completed.

2.0) Property Description and Location

2.1) Location, Access, and Accommodation

The Otto Gold Property is located 10 kilometers southwest of Kirkland Lake and 3 kilometers south of Swastika, in northeastern Ontario (Figure 1). It is situated in Otto Township, Sault Ste. Marie Mining District (NTS 42A01/SE).

The Otto Gold Property is directly accessed by road from Kirkland Lake and Swastika via Trans-Canada Highway 66 East and then onto well maintained gravel roads of Otto Rural 1 Road and Valleyview Road. The western part of the property is accessed by Otto Rural 1 Road and Valleyview Road on the eastern side. The Valleyview Road forms a crescent-shape access road connected to the north and south part of Otto Rural 1 Road.

An Ontario Hydro power transmission line follows Highway 66 just north of the property. A natural gas pipeline and compressor station is located about two kilometers north of the Otto Gold Property.

Personnel were accommodated at the McChesney Northshore Acres at Round Lake, situated approximately 7 kilometers southeast of the property.

2.2) Description of Mining Claims

The Otto Gold Property consists of 18 unpatented claim cells, numbered 678350 to 678367, covering 864.55 ha (Figure 2). The unpatented mining claims are 100% owned by Prodigy Gold Inc., an affiliate of Argonaut Gold Inc. *(3 Dree Road, Dubreuilville, Ontario P0S 1B0*). There are several patents and surface right owners adjacent and contiguous to the Otto Gold Property claim group. The claim distribution is summarized in Table 1.

Figure 1 – Location Map of Otto Gold Property



Figure 2 – Otto Gold Property Claim Map

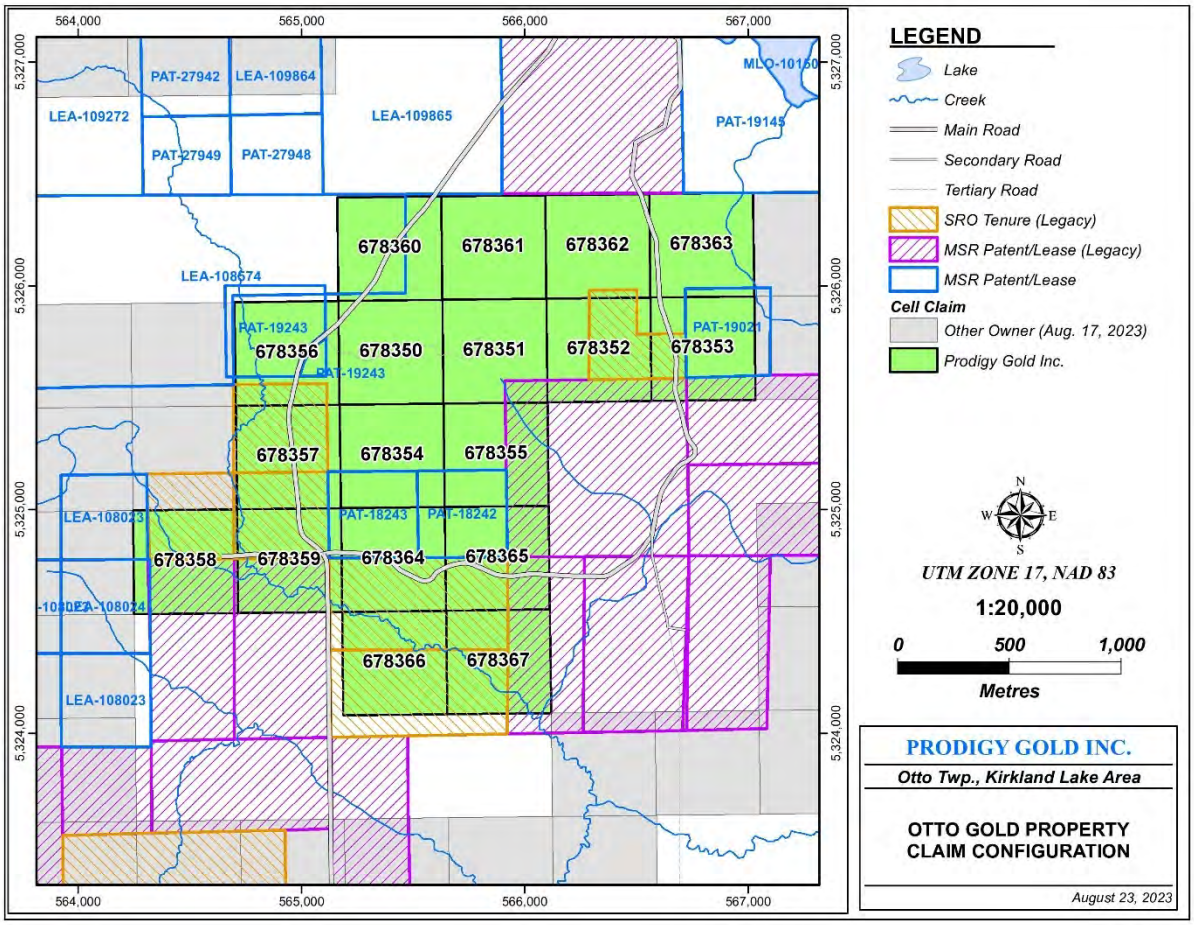


Table 1 – Otto Gold Property Claim Distribution

Township	Claim Number.	Units	Recording Date	Claim Due Date	Work Required ($)	Total Reserve ($)
Otto	678350	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678351	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678352	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678353	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678354	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678355	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678356	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678357	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678358	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678360	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678361	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678362	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678363	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678364	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678365	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678366	1	2021-Sept-25	2023-Sept-25	400	0
Otto	678367	1	2021-Sept-25	2023-Sept-25	400	0

3.0) Physiography and Vegetation

The Otto Gold Property is in the Swastika area located south of Otto Lake, covering a small area of 864.55 ha. The height of land ranges from 285 m and 330 meters above sea level. For the most part, the relief on the property is undulating and gentle, with a local steep rise in topography towards the southern part of the property. The lower relief area is reflected in the area of the Blanche River, located in the northeastern part of the property, and a southeastern trending drainage on the southwestern part of the property. There are several clay-rich swamps and muskeg. Outcrop cover is extensive ranging from 40% to 50% with a thin cover of overburden. The Blanche River flows south from Otto Lake into Round Lake to the south, whereas the southeast drainage flows eastward into the Blanche River. The overburden cover consists of unconsolidated, fine to medium glacial silty sand to sandy loam, with thicker organic matter and clay in poorly drained lower relief areas. In the higher relief areas, the A and B horizons and humus are generally well developed, except in areas of extensive outcrop exposure. The lower relief, swampy areas are characterized by thick moss and organic-rich humus.

Vegetation consists of mainly of black spruce balsam with local birch, cedar, and jack pine, along with secondary growth of alders and moose maple. Swampy, recessive areas are characterized by alders and locally by cedar, with open grassy and low-lying brush surrounding both lakes. The bush is more open along the low-lying and swampy shorelines of both drainage areas.

4.0) Historical Exploration

The area is known for one of the earliest gold discoveries in the Kirkland Lake-Larder Lake area in 1906. The discovery led to the development of the Swastika Gold Mine, which produced 30,071 oz Au from 94,068 tonnes @ 9.90 g/t Au. It is located on the north-shore of Otto Lake, north of the Otto Gold Property.

There has been limited exploration on the Otto Gold Property spanning over 40 years from 1978 to 2017. The most recent exploration was carried out by Atacama Resources in 2017, where a ground magnetic survey outlined several magnetic linear zones. Overall, exploration work on and adjacent to the Otto Gold Property consisted of mainly geological mapping, prospecting, rock and soil sampling, and trenching, with no significant gold results returned. Several historical trenches were located on the property.

Several airborne geophysical surveys were carried over the property, where the OGS commissioned the most recent survey, Ontario Treasure Hunt program, between 1999 and 2000. The survey totaled 105,000-line km and flew high resolution airborne magnetic and electromagnetic surveys, using the former Dighem V and High-Sense frequency-domain electromagnetic systems, former Geoterrex Geotem III time-domain electromagnetic system, and the Spectrem2000 time-domain electromagnetic system. In 1988, an airborne was commissioned by Mid North Engineering and completed 46.7-line km, with 2 of the 3 conductive zones have been outlined on the property.

Two basal till surveys were carried out in…

1) 1990 - Summary of overburden and bedrock trace element data from Kirkland Lake Initiatives program (KLIP) reconnaissance till sampling program. Ontario Geological Survey Open File Report 5737.

2) 1984 - Synthesis and interpretation of basal till geochemical and mineralogical data obtained from the Kirkland Lake (KLIP) area (1979-1982). Ontario Geological Survey Open File Report 5506

A summary of historical exploration work is presented in Table 2.

Table 2 – Historical Work on Otto Gold Property

Company/Individual	Year	Area	File No	Description of Work
Atacama Resources Intl	2017	Otto Gold Property & west of Otto	2000001519601	Magnetic survey – 28.6 km ground magnetic survey outlining numerous linear magnetic high features (BIF?)
Eric Marion	2016	SW of Otto Gold	25727110	Prospecting/Sampling – two samples up to 110 ppb Au
Shining Tree Resources	2013	East of Otto Gold	20012128	Prospecting & Soil Survey for Ni-Cu – NSV from prospecting and anomalous Ni (250 ppm) in soils from XRF (poor detection limits); XRF analyses
Shining Tree Resources	2012	East of Otto Gold	20010725	Prospecting & Soil Survey – NSV from prospecting and up to 49 ppb Au isolated soil anomaly; XRF analyses
2214098 Ontario Ltd	2012	East of Otto Gold Property	20010295	Line-cutting (1.8 km); 20.8 km compass & chain magnetic survey & prospecting/sampling with XRF analyses
2214098 Ontario Ltd	2011	East of Otto Gold Property.		Geology & Sampling; NSV Au values
Allsopp	2006	SW of Otto Gold Property	20002508	Mapping & Prospecting/Sampling – NSV Au values
Eric Marion	2005	NE part Otto Gold Property	20007232	Manual labor/trenching; no samples collected
Eric Marion	2002	East of Otto Gold Property	42A01SE2013	Trenching and Drilling 43.3m in 2 drill holes; NSV in Au
Weller	1992	Otto Lake	42A01SE0094	Manual labor/trenching; no samples collected
Rivard et al.	1992	East of Otto Gold Property	42A01SE0053	139.6m of drilling in 1 drill hole; NSV in Au
Walls	1990	East of Otto Gold Property	42A01SE0105	Evaluation for building stone
Mid-North Engineering	1988	Otto Gold Property	42A01SW117	46.7km airborne VLF-EM/magnetics survey…. outlined 3 conductors
Argentex Exploration	1981	South of Otto Gold Property	42A01SE0143	Basal till sampling; outlined several geochemical anomalies up to 1.2 km long
Noranda (Allsopp)	1980	West of Otto Gold Property	42A01SE0146	378.9 meters of drilling in 3 drill holes; intersected graphitic argillite/volcaniclastics with py; NSV in Au returned
Allsopp	1978	West of Otto Gold Property	42A01SE0156	Sampling – up to 0.3 g/t Au and 0.54 MoS_2

5.0) Geological Settings

5.1) Regional Geology

The supracrustal rocks underlying the general area are part of the Kirkland Lake-Larder Lake Gold Belt (42.6 Moz Au) located in the southern Abitibi Greenstone Belt (ca 2.6-2.8 Ga) as part of the Superior Province in the Precambrian Shield (Figure 3). The easterly trending gold belt extends for 200 km spatially and genetically associated with the Larder Lake-Cadillac Deformation Zone (LLCDZ) or Cadillac-Larder Lake Shear Zone (CLLSZ).

The belt encompasses older metavolcanic sequences described as Stoughton-Roquemaure Assemblage (2723-2720 Ma), Tisdale Assemblage (2710-2704 Ma), Blake River Assemblage (2704-2696), with Timiskaming Assemblage dating between 2676-2670 Ma (Ayer- 2005). The alkalic intrusive bodies are most prominent with minor calc-alkaline intrusives in the area, with the Lebel Stock synchronous with deformation and metamorphism over 14 Ma between 2661-2675 Ma.

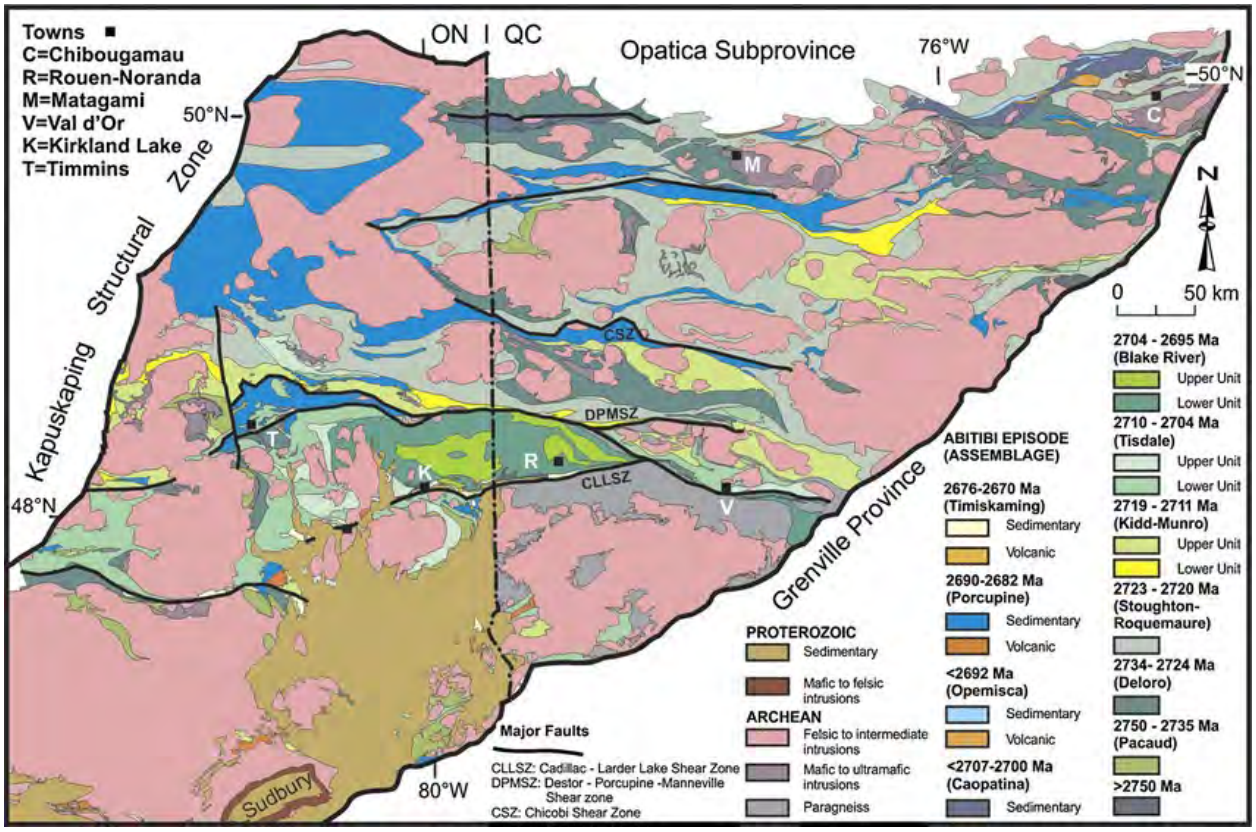
The assemblages have been further sub-divided into six (6) assemblages, where the Stoughton-Roquemaure Assemblage (2723-2720 Ma) occupies the general area of Otto Gold Property. This assemblage is arcuate in shape, bounding the Otto Stock (2680±1 Ma), and deformation (Corfu – 1989). It extends for approximately 45 kilometers and is approximately 7 kilometers thick. The Stoughton-Roquemaure Assemblage is characterized by bimodal Fe-Mg tholeiitic basalts and minor basaltic komatiite/komatiitic flows with numerous chemical metasediments. Felsic metavolcanics are also present. The supracrustal rocks are cross-cut by younger calc-alkaline and alkalic felsic to intermediate intrusive rock and diabase.

The Larder Lake Deformation Zone/Break is located 2 kilometers to the north of the property and extends for 20 kilometers as part of a more extensive 200-kilometer-long Larder Lake-Cadillac Deformation Zone (LLCDZ). The Otto Structural Complex is sub-parallel to the LLCDZ and bounds the Otto Stock (2680±1 Ma) and a low strain zone around the Round Lake Batholith (2745-2696 Ma).

Kirkland Lake/Matachewan has undergone an extensive history in gold production along/near the Larder Lake Break, having produced 42.6 M oz Au from 1910 to 2022. The current day operation in Kirkland Lake is the Macassa Mine (gold reserves: 1.91 Moz Au). The Swastika Gold Mine is the nearest historical producer to the Otto Gold Property area. The Swastika Gold Mine produced 30,071 oz Au from 94,068 tonnes @ 9.90 g/t Au. It is located on the north-shore of Otto Lake, north of the Otto Gold Property, and occupies the LLCDZ. The principal host rock is mafic pillow flows with intrusions of syenite within the mine setting. The gold mine is adjacent to the Timiskaming Assemblage, which reflects the

extensional environment of the LLCDZ. There are several precious metal showings and occurrences in the general of the Otto Stock.

Figure 3 – Abitibi Greenstone Belt



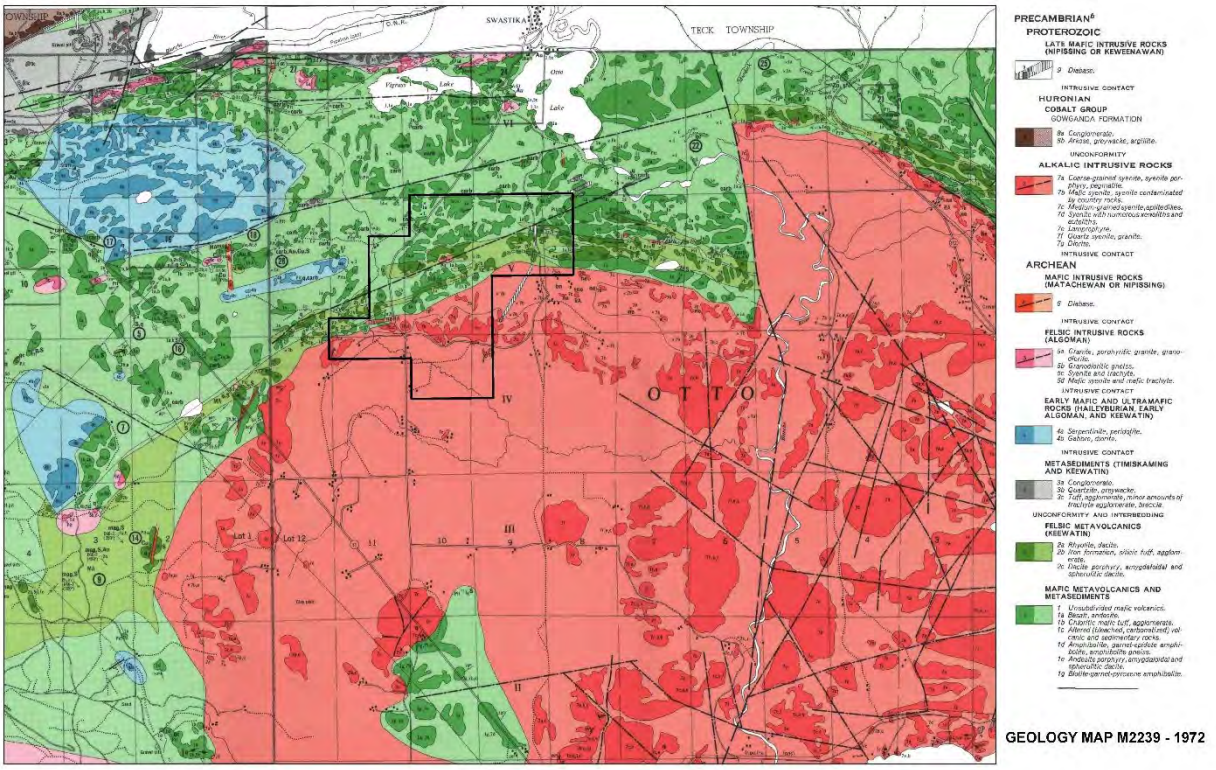
5.2) Property Geology

The supracrustal rocks underlying the Otto Gold Property are characteristic of the mafic metavolcanic sequence of the Stoughton-Roquemaure Assemblage with folded inter-formational chemical and clastic metasediments (Figure 4). The property geology is consistent with the lithologically rock type characteristics compiled by Lovell (1972) and Ayer and Trowell (2000).

The mafic metavolcanics are the predominant rock type and constitute 60% of the rocks underlying the property. The mafic rocks underlying the Otto Gold Property are part of a 45 km long and 7 km wide sequence mafic metavolcanics of the Stoughton-Roquemaure Assemblage. The metavolcanics are primarily iron to magnesium-rich tholeiitic basalts, with localized basaltic komatiite/komatiite varieties. Basaltic rocks range from massive to

pillow flows with inter-flow mafic volcaniclastics associated with chemical/clastic metasediments. There are localized, thin felsic to intermediate metavolcanics sequences, which are generally felsic tuffs. There are several folded chemical with clastic metasediments that occupy approximately 1% of the property. Oxide and silicate facies banded iron formation (BIF) are the more dominant chemical metasediments with sulphide facies BIF being localized.

Figure 4 – Property Geology (after Lovell – 1972)



Two gabbro bodies have been identified on the property and they occupy 5% of the property. North trending calc-alkaline porphyritic felsic to intermediate intrusive dyke-like body has also been identified.

The Otto Stock occupies 35% of the remaining underlying rocks of the Otto Gold Property, primarily located in the southern part of the property. These felsic to intermediate rocks are alkalic in nature and are mainly quartz syenite to syenite and lesser nepheline syenite (Lovell – 1972). These rocks are younger in age and crosscut all supracrustal rocks

in the form of dyke and sill-like bodies. A potassic metamorphic aureole of the metavolcanics occurs in the immediate area of the Otto Stock and generally in the form of potassic feldspar and biotite. North trending Matachewan diabase dykes (2454±2 Ma) occur in the eastern part of the property and crosscuts the Stoughton-Roquemaure Assemblage and Otto Stock.

The supracrustal rocks underlying the property belong to the Otto Lake Structural Complex. This arcuate shaped structure is sub-parallel Otto Stock and reflects the metamorphic aureole flanking the intrusion. The LLCDZ and Eby-Otto Deformation Zone lies to the north of the Otto Structural Complex. A young, regional north-south strike slip fault lies to the east of the property and shows sinistral movement.

The Swastika Gold Mine is the most immediate historical producer to the Otto Gold Property area. The Swastika Gold Mine produced 30,071 oz Au from 94,068 tonnes @ 9.90 g/t Au. It is located on the north-shore of Otto Lake, north of the Otto Gold Property, and occupies the LLCDZ.

6.0) Deposit Types

The Kirkland Lake Gold Camp (42.6 Moz Au gold production) is in the Abitibi Greenstone Belt, which has produced over 215 Moz Au historically. Major breaks such as the Larder Lake-Cadillac Deformation Zone and Destor-Porcupine Deformation Zone host the majority of gold deposits through its second and third order splays. The presence of younger Timiskaming sediments reflects the deep-seated structural nature of an extensional rift system for gold deposits to form in the Abitibi Greenstone Belt.

There are two distinct styles of gold mineralization….

1) Orogenic lode-gold greenstone hosted mesothermal gold, and

2) Intrusive-related ‘porphyry’ vein and replacement style.

Examples of orogenic gold hosted structural type deposits occur along the Main Break in Kirkland Lake and include Sylvanite, Wright Hargreaves, Lakeshore, Teck Hughes, Kirkland Minerals and the currently producing Macassa Mine. Over a span of 86 years, a total of 24 Moz of gold was produced from the Main Break, representing 56% of the Kirkland Lake Gold Camp production.

Upper Beaver Deposit (2680 Ma) is a multi-phased, oxidized, intrusive-related host related Au-Cu deposits located in the southern Abitibi Greenstone belt. Gold mineralization is expressed as two styles: (1) early concordant calc-alkalic and Fe-oxide strata-bound replacement-style alteration associated with chalcopyrite-pyrite-gold mineralization; (2) discordant chalcopyrite-

molybdenite-magnetite-hematite-gold vein system, spatially associated to monzo-diorite and quartz-monzonite dykes.

The potential of gold mineralization Otto Gold Property fits the orogenic style of mineralization within the Otto Structural Complex and fold-hinge and shear targets hosted in BIF and mafic metavolcanics.

7.0) Discussion of Results from 2022 Surface Exploration Program

Between August 20 and September 11, 2022, Prodigy Gold Inc. conducted a semi-detailed geological mapping, prospecting/sampling, and a humus soil orientation program. The 2022 surface exploration program was initiated to evaluate the potential for gold mineralization on a target scale on historical magnetic targets and verify/confirm documented historical trenching. The field work was undertaken to understand the potential gold environment and structural controls conducive for precious metal mineralization.

The author conducted the mapping with the aid of Frank Racicot (*734 Whittaker St., Sudbury, Ontario P3E 4B2)*, who carried out the sampling and prospecting. Mapping and prospecting/sampling were carried out concurrently as a two-man team using both a GPS and compass survey (Garmin GPSMAP 78s) over 100-meter intervals across stratigraphy, as well as roadside mapping and sampling. The accuracy of the GPS unit is approximately 3 to 6 meters. Approximately 19 kilometers of GPS geological mapping was completed, with in-fill geological mapping, prospecting and sampling in local areas. Nad 83 in Zone 17N was utilized in the mapping, prospecting, and sampling program. Geological and other cultural features, such as surveyed boundary lines, were referenced to observed UTM co-ordinates. Approximately 60% of the mapping and prospecting/sampling was completed on the property.

The author, with the aid of Frank Racicot, also conducted a soil orientation in the northern part of the property across an altered quartz stockwork zone. The orientation line (566200E) is oriented north-south and covered a 150-meter length. The samples were collected every 25 meters, except over the known quartz stockwork and adjacent drainage area, where samples were collected every 12.5 meters. The same GPS and specifications, as described in the mapping program, apply to the soil orientation program. Humus was the medium collected from the orientation survey with humus depth, color, texture, organic%, moisture, topography, and vegetation attributes being documented.

The following is presented in the appendices at the back of the report…….

Appendix 1 – 2022 Tracks, Geology/Sample Location/Gold Geochemistry Maps at 1:2500 scale

Appendix 2 – 2022 Surface Rock and Humus Sample Descriptions

Appendix 3 – 2022 Activation Laboratories (Actlabs) Assay/Geochemical Certificates

Appendix 4 – Time Log

Appendix 5 - Invoices/Receipts

8.0) Analytical Quality Control and Quality Assurance

An aggregate total of 101 samples (including both grab and standards/blanks) were analyzed from this surface exploration program. A total of 12 humus/soil samples were analyzed from a soil orientation survey. Both rock and soil samples were analyzed by Activation Laboratories in Thunder Bay (*1201 Walsh Street West, Thunder Bay, Ontario P7E 4X6*) and in Ancaster (*41 Bittern Street, Ancaster, Ontario L9G 4V5*).

All rock and humus/soil samples were bagged and secured with security twist tags in rice bags. The samples were personally delivered by Gardewine to the Actlabs laboratory in Thunder Bay. All rock samples were analyzed for gold by fire assay/AA and a 38 element ICP-0ES and ICP-MS rock package. The humus/soil samples were analyzed by fire assay/AA and neutron activation and 38-element for the ICP-OES and ICP-MS and 33-element for the INAA soil package. All methods used, analyses, and detection limits are on hand in the form of assay certificate A22-13465 for rock samples and A22-13467 for humus/soil samples (Appendix 3).

Activation Laboratories (Actlabs) are accredited by the Standards Council of Canada to ISO 17025 for specific registered tests or certification to ISO 9001:2008 certifications for accredited methods. ISO 17025 evaluates the quality system and specific analytical methodologies through proficiency testing and routine audits. Sample preparation, analytical and quality control procedures employed are mutually similar in procedure and are as follows:

8.1) Sample Preparation

Once the samples have been received, they are entered into the Actlabs Quality Management System and given an internal sample control number. The samples are then checked for dryness prior to any sample preparation and dried if needed.

The rock samples are split off 1.0 kg and pulverized split to better than 85% passing 75 microns using a Jones Rifler. Silica cleaning between each sample is also performed to prevent any cross contamination. Random screen analysis is performed daily to check for attainable mesh size.

Humus samples are dried at lower temperatures to avoid loss of volatile elements. Sample preparation starts with drying at 60°C and sieving at -177 µm to save all portions.

8.2) Gold Analysis

For the rock and humus samples, all Au analysis is performed at a 50g charge by fire assay using lead collection with a silver inquart. The sample is mixed with fire assay fluxes (borax, soda ash, silica, litharge) and with Ag added as a collector and the mixture is placed in a fire clay crucible. The mixture is then preheated at 850°C, intermediate 950°C and finish 1060°C with the entire fusion process lasting 60 minutes. The crucibles are then removed from the assay furnace and the molten slag (lighter material) is carefully poured from the crucible into a mold, leaving a lead button at the base of the mold. The lead button is then placed in a preheated cupel which absorbs the lead when cupelled at 950°C to recover the Ag (doré bead) + Au. The detection limit for Au in rock and humus is 5 ppb. The beads are then digested, and an atomic absorption finish is used.

INAA is an analytical technique dependent on measuring gamma radiation induced in the sample by irradiation with neutrons. The primary source of neutrons for irradiation is usually a nuclear reactor. Each activated element emits a “fingerprint” of gamma radiation which can be measured and quantified. The gold content of the resultant bead is directly determined by INAA (Instrumental Neutron Activation Analysis). The detection limit for Au in humus via the INAA method is 1 ppb.

8.3) Multi Scan Analysis

Multi scan analysis (38 elements) for the rocks and humus was performed using an aqua regia digest (hydrochloric) with a 0.5g of sample is digested with aqua regia. The sample is then cooled and diluted with deionized water. The samples are then analyzed using an ICP-OES and ICP-MS method for the 38-element suite. The various detection limits are documented in the assay certificate A22-1367 in Appendix 3.

INAA multi-scan analyses method is similar in gold. A 30g aliquot is used with each activated element emitting a “fingerprint” of gamma radiation which can be measured and quantified. The 33-multi-element content of the resultant is directly determined by INAA (Instrumental Neutron Activation Analysis). The various detection limits are documented in the assay certificate A22-1367 in Appendix 3.

8.4) Laboratory & Company Quality Control / Quality Assurance (QC/QA)

Certified standard and blank assays are usually run for each rack of samples. A non-reproducible check assay is an indication of nugget problems within the sample and

both laboratories recommend that further analysis be performed to generate a better representation of the sample.

All standards run are graphed to monitor the performance of the laboratory. Actlabs warning limit is 2 times the standard deviation and our control limit is 3 times the standard deviation. Any work order with a standard running outside the warning limit will have selected re-assays performed, and any work order with a standard running outside the control limit will have the entire batch of samples re-analyzed.

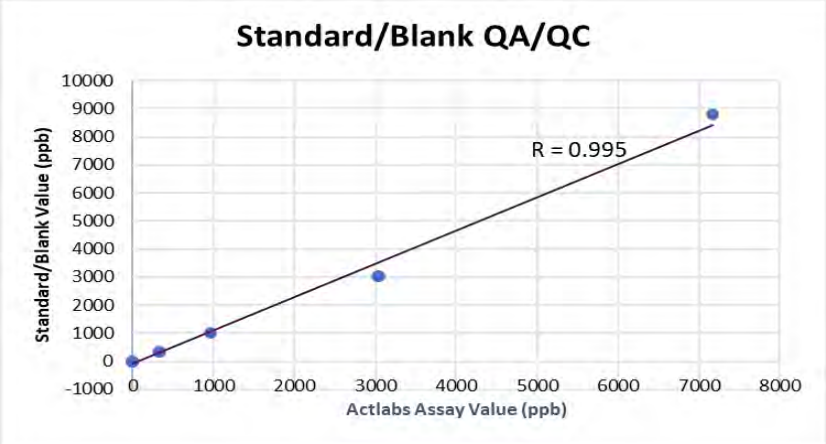
All QC/QA data run with each work order is kept with the client's file. If desired, the client may have all the blanks and certified standards reported on a certificate to correspond to the client's samples. All quality control graphs are available upon request.

The laboratory also keeps daily logbooks for the sample throughput. These logs record all information pertaining to; 1) who performed the analysis, 2) when the analysis was done, 3) how the analysis was performed, and 4) what other samples were analyzed at the same time. This is done to help eliminate the possibility of misrepresentation and cross-contamination of the client's samples.

Actlabs instruments are calibrated using ISO traceable calibration standards and our quality control standards are created from separate stock solutions. Their instruments are directly tied to their quality control program eliminating the need for manual data entry, hence, reducing human error.

Prodigy Gold Inc. also inserted and alternated one sample standard and blank for every 10th sample. The correlation between standard/blank values and Actlabs is excellent with R = 0.995 and within 2 SD (Figure 5). The author believes that the results of sampling and analysis of core samples collected during this program reliably reflect the nature of mineralization observed.

Figure 5 – Standard/Blank QA/QC



9.0) Discussion of Results from 2022 Surface Exploration Program

9.1) Geology

The following is a synopsis of major rock types and alteration, structure, and mineralization encountered because of mapping and sampling and presented at 1:2500 scale. A combination of geological, track, and sample location/gold geochemistry maps are presented at a scale of 1:2500 in Appendix 1. Sample descriptions with gold and ICP geochemistry and Actlabs assay certificates are presented in Appendix 2 and 3, respectively.

The following briefly summarizes the geological and assay results from the 2022 mapping and sampling surface exploration program.

9.1.1) Lithology and Alteration

Mafic-(Ultramafic) Metavolcanics

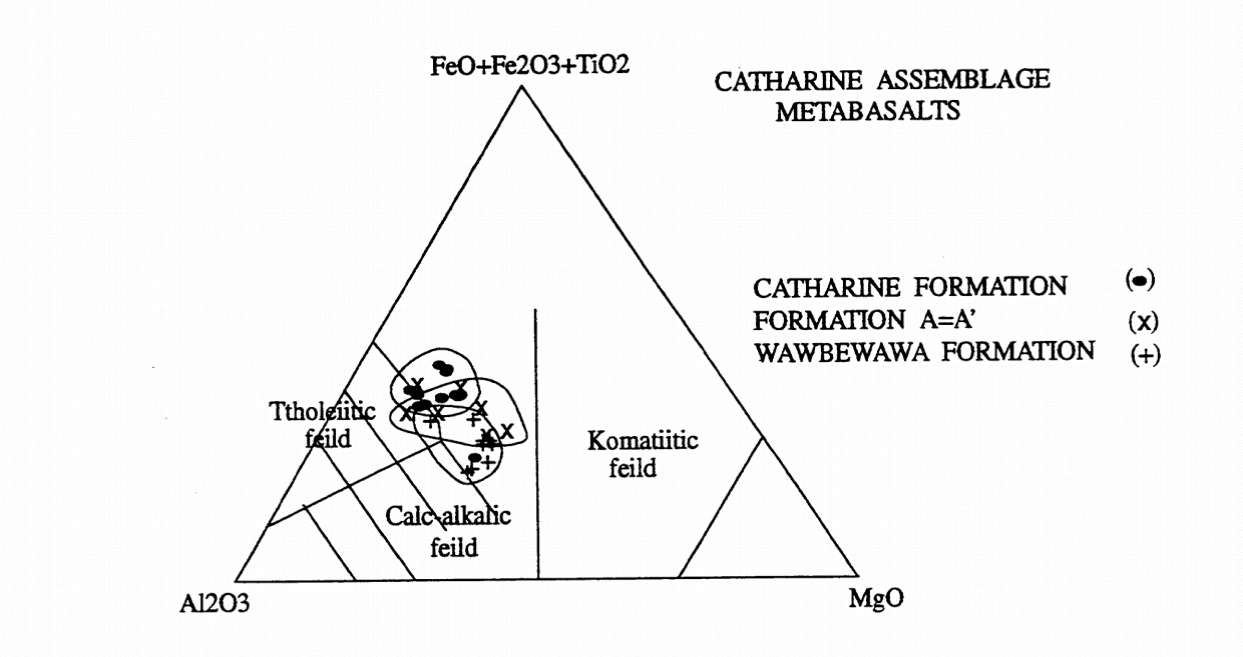
The mafic litho-stratigraphy on the Otto Gold Property is part of the Stoughton-Roquemaure Assemblage which extends for 45 kilometers and is up to 7 kilometers thick. It constitutes approximately 90% of the underlying rocks on the property. Minor units of ultramafic rocks were also recognized; however, the extent is not truly known. There are numerous syenite/quartz syenite dykes intruding into the mafic metavolcanics sequence, where the contacts have characteristically sharp boundaries. The mafic metavolcanics attain a minimum thickness of 1100 meters throughout the property, with thin litho-stratigraphic units of felsic to intermediate metavolcanics, chemical / clastic metasediments, and gabbro comprising of the remaining supracrustal rock types.

The mafic litho-stratigraphy has been outlined for the entire length of 2.1 kilometers of the property in an east-northeast direction. It is the major litho-stratigraphic unit within the Stoughton-Roquemaure Assemblage. It is steeply dipping to the south to vertical dipping, with local rolls to the north. The unaltered mafics weathered and fresh colors range from dark green, green, to grayish green. The unaltered mafic metavolcanics classify mainly as iron to magnesium-rich tholeiitic basalts as flows and gabbroic equivalents (Figure 6). In un-deformed domains, the mafic metavolcanics are typically massive to pillowed flows, with extensive sheared and foliated varieties. Volcaniclastics and clastic metasedimentary inter-formational units have also been observed. The weakly metamorphosed mineralogy assemblage consists of a very-very fine to fine-grained (up to 1.0 mm in size) of chlorite + amphibole (hornblende) + plagioclase ± epidote ± quartz ± carbonate ± biotite ± magnetite ± muscovite ±

sulphides (Lovell – 1972). Quartz typically has very low concentrations in the mafic metavolcanics.

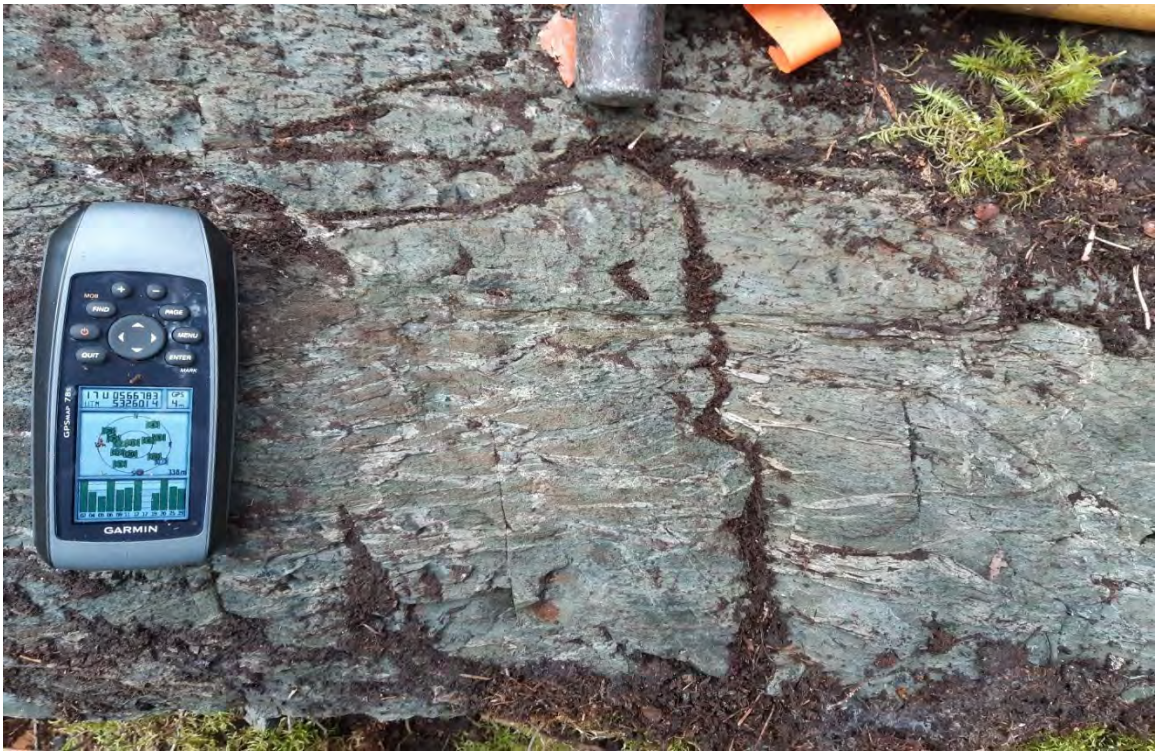
The mafic metavolcanics have undergone weak to moderate chlorite and variable weak to strong carbonate alteration (calcite and ankerite/siderite). Stronger chlorite and carbonate, particularly ankerite/siderite, alteration of both amphiboles and feldspars is reflected in stronger sheared domains adjacent to mineralized structures and within mafic volcaniclastics. There is local sericite and silicified alteration with associated tourmaline located in the central part of the map area. Higher grade metamorphic mineralogy was recognized near the Otto Stock, to the south of the map area, with the presence of potassic metasomatism in the form of very fine grained pinkish kspar and biotite.

Figure 6 - Jensen Cation Plot of Mafic Metavolcanics (after S.L. Jackson – 1994)



The mafic rocks consist mainly of very fine to fine-grained massive flows with pillow flows/breccias, volcaniclastics, and localized flow breccias. The mafic flows show a well-developed massive texture, displaying a very weak fabric. Although pillow textures have been recognized through field mapping, they are weakly developed due to packing (PLA-1). Pillows are typically <0.1 meter, but can occur up to 0.3 meters in length, and are generally tightly packed showing well developed chilled chlorite-feldspar-epidote-(carbonate) selvages. Sense of tops or younging facing direction is not well developed, however, it is inferred to the south.

Mafic volcaniclastics have also been recognized and occur as transitional inter-formational units associated with chemical and lesser clastic metasediments within the mafic metavolcanic sequence. The more continuous mafic volcaniclastics occur and is associated with chert and cherty banded magnetite and silicate facies iron formation for at least 600 meters, located in the southwestern part of the map area. The mafic volcaniclastics generally show a well-developed banded texture (sheared?) with distinguishable chlorite-rich mineralogy, with relict compositional bedding (<0.15 meters wide) being well preserved. The mafic volcaniclastics may be part of and are intercalated with epiclastic rocks.



PLA-1 – Sheared & Tightly Packed Mafic Pillow Flow with Carbonate Selvages - Located at 5326195N / 5667830E (looking south)

Felsic Metavolcanics

Felsic to (intermediate) metavolcanics have been recognized locally and their extent is not truly known. Although mapped extensively by Lovell (1972) with the chemical metasediments, the felsic metavolcanics have a limited strike length and thickness. They occupy <1% of the underlying rocks on the Otto Gold Property.

The more prolific felsic metavolcanics observed from the mapping program are exposed on the western part of the map area, located near Otto Rural Road 1. They are associated with the folded cherty tuff chemical metasediments. There is another felsic

litho stratigraphic unit in the eastern part of the property, located west of the Valley View Road on claim cell 678362. This unit may be in part a high level felsic to intermediate porphyritic intrusive and/or felsic crystal tuff.

They are described and classified as dacite to rhyolite by Lovell (1972). They may be part of calc-alkaline bimodal metavolcanic sequence. The intermediate varieties are atypical. The weathered and fresh color of the felsic metavolcanics vary from gray to greenish-gray colors. It typically has a very-fined grained matrix composed of plagioclase + quartz ± micas ± epidote ± carbonate (Lovell – 1972). They form very fine-grained massive and crystal tuffs. Local crystal-rich tuffs and/or sub-volcanic intrusives have been recognized locally along the eastern side of the map area with 5% to local 10% very-fined grained quartz and feldspar crystals in a very-fined, aphanitic matrix. Geological contacts with the surrounding mafic metavolcanics are locally sharp.

Chemical Metasediments

Chemical metasediments occur throughout the mafic litho-stratigraphy as folded inter-formational horizons. They have not been completely mapped out and make up ≤ 1% of the underlying rocks. Historical magnetic data correlates well with the chemical metasediments with their strong magnetic signature and is being used as a guide for their map interpretation. The chemical metasediments form as folded horizons attaining an inferred strike length of at least 1 kilometer, and up to 5 meters thick (PLA-02).

Chert/cherty tuff, oxide and silicate facies banded iron formation (BIF) are most typical grading into mafic volcaniclastics with lesser clastic metasediments. Sulphide facies BIF have been locally observed. Chert and oxide facies BIF generally form well banded/laminated bands/beds with alternating creamy white to white very fine-grained, microcrystalline quartz alternating with black, massive magnetite bands. The silicate facies BIF generally show a brown to rusty weathered surface due to iron content and show moderate development in banding with magnetiferous chloritic-carbonate bands and chlorite-carbonate bands. The magnetite is typically disseminated, but massive bands of very fine-grained magnetite have been observed. They commonly grade into the mafic volcaniclastics.

Although sulphide facies BIF is not extensive, these chemical metasediments may be a result of sulphide overprint. They are generally rusty on exposed surface and show a alternating banded texture with fresh brassy colored very fine-grained massive pyrite and chert/chlorite-carbonate content.

There is one occurrence of sulphide facies BIF and is located east of Valley View Road on claim cell 678363 (PLA-03). A horizon of massive sulphide with chert bands

is approximately 0.6 meters thick and contains up to 85% very fine grained, banded, massive pyrite.



PLA-02 – Folded Oxide BIF (looking south) – Location at 565357E – 5325798N.



PLA-03 – Sample A852855 - Massive Pyrite – Location at 566684E – 5326062N

Mafic Intrusives

The mafic intrusives rocks occupy approximately 5% of the underlying rock types in the map area. They typically weather grayish green to green color with a fresh surface color ranging from dark green, green, and blackish green colors. They are mafic in composition, being primarily melanocratic. The unaltered /metamorphosed composition is amphibole + plagioclase + chlorite ± biotite ± carbonate ± epidote ± leucoxene ± quartz ± magnetite ± sulphides. Ankerite with local fuchsite alteration is more prolific in the northern gabbro body associated with quartz veins and stockwork (PLA-04). The gabbro varies from very fine grained (<0.5 mm) to medium-grained (1.5 to 2.0 mm) towards the center of the intrusion. The gabbro has a prominent equigranular, 'salt and pepper' texture, with amphibole mineralogy being more prominent than the plagioclase.

Two mafic intrusive bodies have been outlined in the map area and have been described as melanocratic gabbro The most northern body trends in an east-west direction for at least 1 kilometer in strike length and forms a linear type of body up to 50 meters wide. The second gabbro body trends east-northeast for approximately 900 meters and forms a folded arcuate body. It varies from 10 to 30 meters in thickness.



PLA-04 – Ankerite altered Gabbro Crosscut by Quartz Veining (looking north) – Location at 566182E / 5326328N.

Felsic to Intermediate Intrusives

The most prolific felsic to intermediate body underlying the Otto Gold Property is the Otto Stock. The northern boundary of the stock underlies the southern part of the claim group and map area. The contact has been largely inferred from Lovell's geology map. A more recent study by Nadeau (2021) has described the Otto Stock as a complex, hybrid alkalic intrusive consisting of monzonite, quartz monzonite, and melanogranite and is up to 10 kilometers in radius.

The rocks are pink in color with an unaltered mineralogy of predominantly alkali feldspar with fine to coarse grained (up to 2cm) potassic feldspar described by Lovell as microperthite/perthite. The interstitial matrix about the feldspar consists of quartz ± albite ± aegirine–augite ± titanite (Nadeau – 2021). Although not fully understood, limited mapping along the contact of the Otto Stock shows a potassic metasomatic metamorphic aureole within the surrounding amphibolitized metavolcanics.

Calc-alkaline feldspar porphyries have been locally observed. The more prolific body is in the southwestern part of the map area. It has been outlined in a north-south direction for approximately 200 meters and is up to 10 meters thick. The dyke-like body shows a well-developed sharp, chilled contact with the surrounding mafic metavolcanics. It is typically light greenish gray in color being felsic to intermediate in composition with 10% to 25% fine-grained albite phenocrysts in a very fine-grained quartz-feldspathic matrix. Locally, the dyke-like body has undergone local silicification and hosts weakly disseminated pyrite between 2% to 4%. There is a well-developed porphyritic texture.



PLA-05 – Feldspar Porphyry Cross-Cutting Mafic Metavolcanic (looking 060°) – Location at 565793E / 5325519N.

Mafic Intrusives – Diabase Dykes

Younger diabase dykes crosscut all supracrustal metavolcanics and chemical metasediments. They constitute < 1% of the remaining rock types underlying the property.

A diabase dyke has been partially outlined and interpreted from a historical ground magnetic survey in the southeastern part of the map area near the Valley View Road. It trends in a north-south direction for at least 700 meters attaining a thickness of 10 meters. It has been interpreted as a Matachewan diabase dyke. These dykes correlate well with the north trending ground magnetic highs.

The dykes are greenish brown on weathered surface being greenish black, dark green to black as fresh surface colors, being mafic in composition. They are typically mafic in composition with pyroxene + calcic plagioclase + magnetite ± amphibole ± epidote ± ilmenite. The diabase dykes are typically moderately to strongly magnetic, with locally weak magnetic variations. Leucoxene has not been observed in any of the samples. Both dyke trends are very-fine to fine grained with black-colored, aphanitic chill margins. They generally become coarser grained toward the center of the intrusive.

They display an ophitic/sub-ophitic to coarser equigranular texture. The contacts are inferred due to the lack of exposure on the property.

9.1.2) Structure

Supracrustal rocks underlying the Otto Gold Property have undergone variable structural deformation reflected of the emplacement of the Otto Stock. This deformation is characterized by a series of discontinuous, stacked ductile shears, sometimes folded. There is very little evidence of any significant brittle and/or brittle/ductile deformation, although tight isoclinal parasitic folding has been observed, particularly in the banded oxide BIF. Although regional fold features are not fully understood in this area, local smaller scale folding observed on the Otto Gold Property may reflect a series of larger regional folds. There appears to be both, on a property-scale, an east and west convergence of folds in the BIF and gabbro intrusives and to some degree on the shears.

Bedding

Well-developed bedding is observed in the chemical metasediments, particularly in the oxide facies BIF. Local primary banding and bedding textures were also recognized in the mafic metavolcanics and limited exposures of the clastic metasediments. Compositional banding, laminations, and bedding (S_0) define primary bedding. S_0 exhibits a dominant general east trend in both the chemical and clastic metasediments and reworked metavolcanics, with moderate to steep dips to the south and locally to the north. Local bedding features within the chemical/clastic metasediments and mafic volcaniclastics in the map area vary in strike from 81º to 153º and range in dip 60º to 90º to the south, averaging a strike of 100° and dip of 83° to the south.

Foliation/Cleavage

Overall, there is a strongly developed penetrative, metamorphic foliation (S_1) overprint in most rock types, excluding the diabase dykes. The mafic metavolcanics /intrusives and chemical/clastic metasediments display a variation of weak to locally strong regional fabric. The foliation is defined by the sub-parallel elongation of platy minerals such as chlorite, biotite, sericite, and amphibole. The steeply dipping S_1 is very consistent and has a property average strike of 91º and south dip of 81.0º to the south. The S1 strike direction ranges from 47° to 140° with local variations along the fold hinge to the north/ northwest. Dips vary 50° to 90° to the south.

Although discontinuous, the mafic metavolcanics have undergone the most significant shearing with several discontinuous zones varying moderate to strong. Shears consistently trend east-west with steep to sub-vertical dips, similar to the foliation. The sense of movement is dextral but requires more understanding. The more prolific shear is located in the eastern part of the maps area, trending east-west and open for 550 meters and up to 60 meters thick. It has overprinted mafic metavolcanics with local clastic metasediments. The inter-formational chemical metasediments and gabbro show both west and east converging fold structures in the central part of the map area. There are local flexures in the foliation/ cleavage in this area. Ankerite-altered gabbro in the northern part of the map area shows little in the way of shearing, with local fracturing.

Lineation and Folding

Fold axis lineation is not well developed in the mafic metavolcanics and along folds observed in the chemical metasediments. The principal lineation measured and defined is a fold axis lineation in tight parasitic and regional folds. Measured lineation of fold axis occurs and are reflected as stretched weathered cavities, which reflect plunging fold axis. This coincides with the intersecting lineations within the folds within both the mafic metavolcanic and chemical metasediments, particularly the Folded oxide facies BIF.

Although there are a limited number of measured lineation's, they suggest two plunge directions: 1) main southwest plunge at 75º and 2) westward plunges of 21º. and vertical at 88°. With the moderate to strong shearing domains being discontinuous and limited in geometry, these variance in lineation direction requires further study.



PLA-6 – M-S Folded Oxide Facies BIF (looking south) - Location at 565357E – 5325798N.

Structural Lineaments

The main structural lineament on the property is the Otto Structural Complex which forms an arcuate structure bounding the Otto Stock. This lineament transitionally trends northeast to northwest bounding from west to east on the Otto Stock.

The strain zone underlying the Otto Structural Complex is reflected by a metamorphic aureole with potassic metasomatic alteration bounding the Otto Stock. The aureole is not well defined and may be up to 100 to 200 meters wide, however, it does show a strong magnetic response/'front' bounding the Otto Stock.

9.1.3) Mineralization

The mapping and prospecting program was not successful in confirming the presence of gold mineralization but did find additional new sulphide mineralization. It was also successful in delineating favorable altered structures in and along contacts with a variety of different rock types.

The mineralized and structural host rocks are mafic metavolcanics/intrusives (gabbro), chemical metasediments, and along contacts between feldspar porphyry and mafic metavolcanics. These rock types show variable degrees of alteration and deformation, including extensive fracturing. Pyrite is the dominant sulphide mineral

with localized pyrrhotite and trace chalcopyrite, and sphalerite. Local malachite stains have also been identified. No significant gold mineralization was identified with highest gold assay returning 31 ppb. The sulphides mineralization commonly occurs as very-fine grained disseminated grains in sulphidized oxide facies BIF and ankerite-(fuchsite) altered gabbro and mafic metavolcanic. Sulphides (<1%) are very sparse in the observed quartz veins. Sulphide concentrations vary from < 1% to 80%-85%, with significantly increased concentrations of pyrite in sulphidized BIF.

Mapping and prospecting have confirmed and identified two litho-types in two separate areas of interest. The following is a summary of the more significant sulphide mineralized target areas.

North Gabbro/Mafic Metvolcanic Contact

This area is located in the northern part of the map area and is defined by a quartz stockwork. The structural zone lies at the contact between a linear gabbro

body to the north and mafic metavolcanics to the south. This east-west trending weak quartz stockwork zone has been outlined for 150 meters in length and is up to 3 meters wide. It consists of a number of sheeted quartz veins/veinlets varying 5% to 20% pinch and swelling between 1.0 cm and 20 cm. The altered gabbroic wallrock shows an earthy brown weathered surface with fresh color being light grayish green/white. The altered matrix consists of pervasive strong ankerite with variable silicification and local fuchsite alteration. Very fine grained pyrite ranges from <1% to locally 5%. No significant gold values were returned from the sampling of this area.

West-Central Sulphidized Magnetite BIF

The more compelling area of sulphide mineralization is a folded sulphidized oxide facies BIF is located in the west-central part of the map area, situated east of Otto RR 1. The target area occurs within a repeatedly folded oxide to silicate facies BIF converging to the west. The folded sequence and hinge extends over 200 meters in a north-south direction. There is local moderate to strong east-west shearing axial planar to the the fold hinge.

It typically weatheres to a rusty color and consists of alternating chert, massive magnetite, and sulphidized chert and magnetiferous bands. The wallrock shows strong silification as reflected by chert bands with variable sericite and carbonate alteration. Very-fine grained disseminated pyrite is dominant with

local semi-massive bands of pyrite. No significant gold values were returned from this area.

This area is coincidental to strong folded magnetic features from historical ground magnetics, which reflect the folded geometry of the oxide facies BIF.

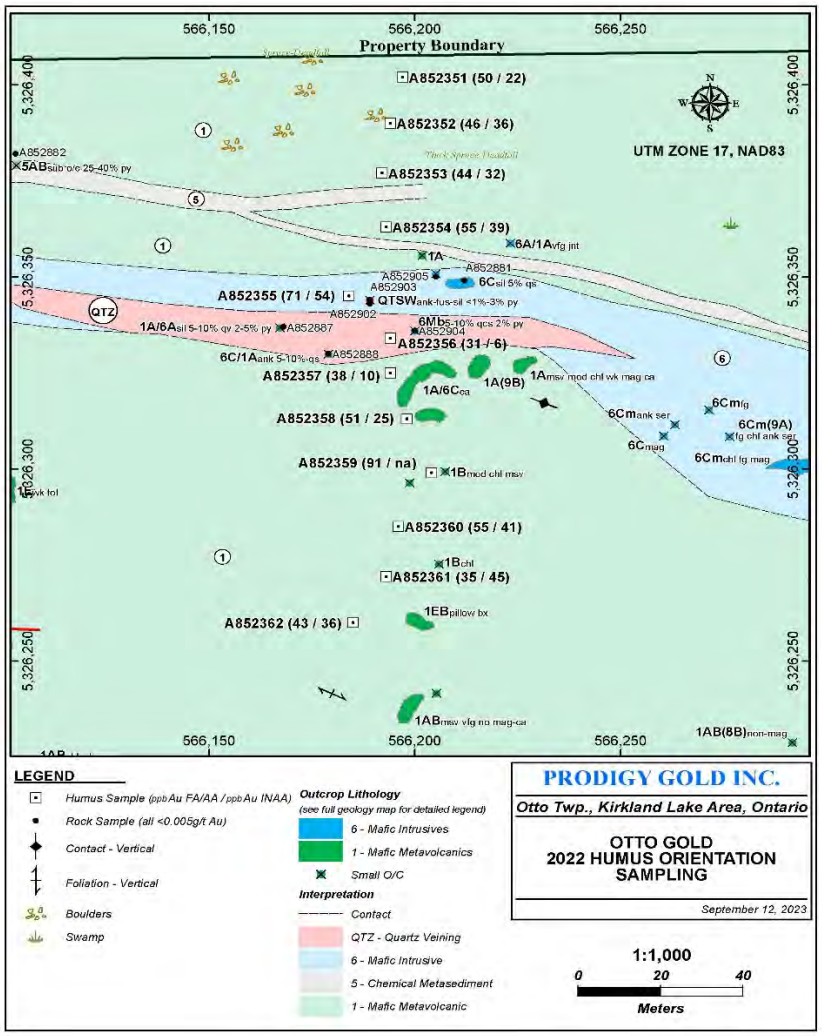
9.1.4) Humus Orientation Survey

The humus orientation survey is located in the north part of the Otto Gold Property (Figure 6). An orientation line crossed over a strongly ankerite-altered quartz stockwork zone at a gabbro/mafic metavolcanic contact. Weakly disseminated sulphides ranged from <1% to 5% and no significant gold values were returned.

The humus collected is black in color and ranged in depth from <1 to 13 cm. The texture varied from silt in the higher ground to clay in the lower and swampy ground with the overall organics varying from 5% to 25%. The vegetation cover is white spruce with alder and black spruce in the low-lying swampy area.

The humus survey was successful in defining anomalous gold directly over the quartz stockwork zone with gold values returning 71 ppb Au (FA/AA) and 54 ppb Au (INAA) (Figure 7). A sample returned 91 ppb Au (FA/AA) approximately 50 meters to the south, which may represent glacial movement and dispersion of gold. Anomalous Cu (146 ppm) and Zn (275 ppm) humus anomalies are adjacent to the quartz stockwork within the low-lying drainage, interpreted as a drainage. A broader weak to moderate response in S (0.11%) encompasses the quartz stockwork zone.

Figure 7 - Gold Results from Humus Orientation Survey



10.0) Conclusions

The mapping and prospecting program was successful in confirming/explaining proposed target areas with the understanding of the geological environment. Although additional mineralization has been identified, the underlying potential of the property has challenges regarding significant gold mineralization related to known structures and magnetic features Mine. The most attractive area in the scope of potential gold-bearing mineralization, alteration, and geometry is the ***North Gabbro target area*** with the following characteristics:

1) Geometry – 150-meter quartz vein/stockwork structure within 1 kilometer gabbro/mafic metavolcanic contact and hosted in gabbro.
2) Coincidental to strong ankerite with silicified-fuchsite alteration
3) Weakly disseminated pyrite with no significant gold grades from rock samples
4) Orientation humus survey returned anomalous gold values up to 71 ppb Au (FA/AA) and 54 ppb Au (INAA)

The Otto Structural Complex remains the major regional structure peripheral to the Otto Stock and remains untested. This structure is reflected as a metamorphic contact aureole with adjacent mafic metavolcanics and chemical/clastic metasediments, and may be conducive to precious metal, lode gold-bearing mesothermal mineralization. They may represent later stages of major re-activated, dilatational structures. The potential to look for dilatational, open flexures and trans-compressional folds would provide pathways and traps for auriferous hydrothermal fluid movement in folded structures within the contact aureole.

11.0) Recommendations

Although the gold results were disappointing on a property and target scale, the geological and prospecting program did provide a general understanding of the geological environment conducive to gold mineralization.

Therefore, it is recommended to…

1) Complete the remaining mapping and prospecting (~ 20-line km) on the Otto Property
2) Consider expanding humus sampling on the North Gabbro target area
3) Drone-based LiDAR of xx square km

12.0) References

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STATEMENT OF QUALIFICATIONS – STEPHEN ROACH

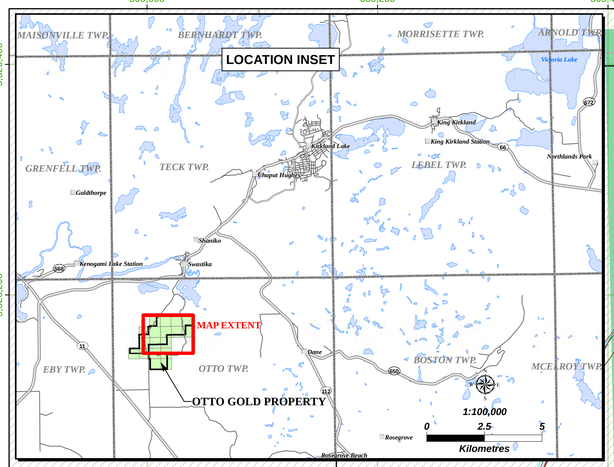
I, Stephen Roach, of 47 Crantham Crescent, Stittsville, Ontario K2S 1R2, certify that;

1. I obtained a Bachelor Degree in Geology from Concordia University in 1977. In addition, I attended Carleton University from 1981-83 in a Graduate Program.
2. I have worked as a geologist for more than 45 years since my graduation from university. I have been in the practice of my profession as Exploration Geologist since 1977.
3. I am responsible for this report entitled Report of 2022 Geological Mapping & Sampling Survey on the Otto Gold Property, Larder Lake Mining Division, in Northeastern Ontario.
4. I have no beneficial interest, direct or indirect, in the Otto Gold Property that is the subject of this report.

Dated September 15, 2023

Stephen Roach

APPENDIX 1



LEGEND

- Creek

Access

- Main Road
- Secondary Road
- Trail/Track
- Prodigy Rock Sample (g/t Au)

Claim Configuration

- Prodigy Effective Property Boundary
- Prodigy Single Cell Claim
- SRO Tenure
- Patent/Lease MSR

2022 GPS Track by Date

- 2022-08-08
- 2022-08-09
- 2022-08-21
- 2022-08-22
- 2022-08-23
- 2022-08-24
- 2022-08-25
- 2022-08-26
- 2022-08-27
- 2022-08-28
- 2022-08-30
- 2022-09-01
- 2022-09-02
- 2022-09-03
- 2022-09-04
- 2022-09-05
- 2022-09-06
- 2022-09-07
- 2022-09-08
- 2022-09-09
- 2022-09-10

Geological Interpretation

- QTZ - Quartz Vein
- 12 - Late Mafic Intrusive
- 9 -Alkalic to Intermediate Intrusive (Otto Stock)
- 8 - Porphyritic Felsic to Intermediate Intrusive
- 6 - Mafic Intrusives
- 5 - Chemical Metasediments
- 4 - Clastic Metasediments
- 3 - Felsic Metavolcanics
- 1 - Mafic Metavolcanics

N W E S

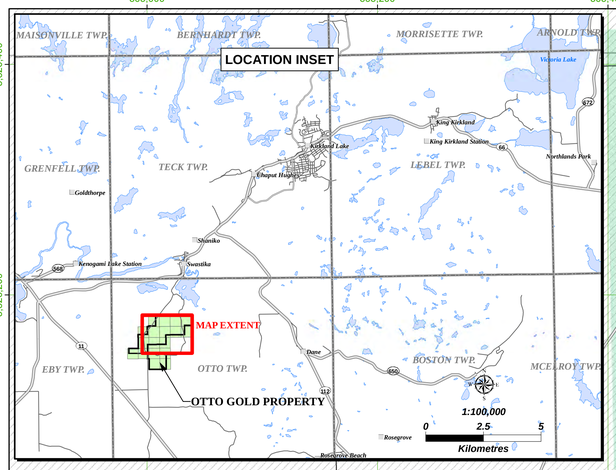
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Meters

PRODIGY GOLD INC.

Otto Twp., Kirkland Lake Area, Ontario

OTTO GOLD
2022 GPS TRACKS
and
INTERPRETATION

September 5, 2023



LITHOLOGIC LEGEND

PRECAMBRIAN
Middle to Late Proterozoic (Matachewan)

12 Mafic Intrusives
- 12A Unsubdivided
- 12B Fine-grained Diabase dykes
- 12C Coarse-grained Diabase dykes
- 12D Porphyritic Diabase dykes

EARLY PRECAMBRIAN (Catherine Group - 2720Ma)

11 Lamprophyre Dykes/Sills
- 11A Porphyritic Lamprophyre (ferromagnesian)
- 11B Porphyritic Lamprophyre (feldspathic)

10 Timiskaming Metasediments
- 10A Unsubdivided
- 10B Polymictic Conglomerate (volcanic matrix supported)
- 10C Polymictic Conglomerate (sedimentary matrix supported)
- 10D Polymictic Conglomerate (volcanic fragment supported)
- 10E Polymictic Conglomerate (sedimentary fragment supported)

Alkalic Felsic to Intermediate Intrusives (includes Otto Stock - 2671 Ma)
- 9A Unsubdivided
- 9B Syenite-Quartz Syenite
- 9C Granite
- 9D Pegmatite dykes/sills
- 9E Aplite dykes/sills
- 9F Monzonite - Quartz-Monzonite

8 Porphyritic Felsic to Intermediate Intrusives
- 8A Quartz Porphyry
- 8B Feldspar Porphyry
- 8C Quartz-Feldspar Por Porphyry

7 Ultramafic Intrusives
- 7A Unsubdivided
- 7B Talc-(carbonate) Schist
- 7C Anorthosite
- 7D Pyroxenite
- 7E Amphibolite
- 7F Basaltic Komatiite
- 7G Komatiite
- 7H Dykes & sill-like bodies

6 Mafic Intrusives
- 6A Unsubdivided
- 6B Diorite-Quartz Diorite
- 6C Gabbro
- 6Ci Leucocratic Gabbro
- 6Cm Melanocratic Gabbro

5 Chemical Metasediments
- 5A Chert/Cherty Tuff
- 5B Magnetite-Chert BIF (Oxide Facies)
- 5C Carbonate Facies BIF
- 5D Silicate Facies BIF
- 5E Sulphide Facies BIF
- 5F Calc-Silicate

4 Clastic Metasediments
- 4A Unsubdivided
- 4B Arenaceous – Arenite
- 4C Arkosic-wacke
- 4D Greywacke
- 4E Argillite/Shale/Slate
- 4F Volcaniclastic-Epiclastic

3 Felsic Metavolcanics
- 3A Unsubdivided
- 3B Massive Flow
- 3C Banded Flow
- 3D Spherulitic Flow
- 3E Autobrecia – flow breccia
- 3F Tuffs
- 3G Lapilli Tuffs
- 3H Tuff Breccia/Agglomerate
- 3I Crystal Tuff
- 3J Volcaniclastics/Epiclastics

2 Intermediate Metavolcanics
- 2A Unsubdivided
- 2B Massive Flow
- 2C Banded Flow
- 2D Porphyritic Flow (spherulitic)
- 2E Autobrecia-Flow Breccia
- 2F Tuff
- 2G Lapilli Tuff
- 2H Tuff Breccia/Agglomerate
- 2I Crystal Tuff
- 2J Volcaniclastics/Epiclastics

1 Mafic Metavolcanics
- 1A Unsubdivided
- 1B Massive Flow
- 1C Flow Top/Bottom Breccia
- 1D Amygdaloidal Flow
- 1E Pillow Flow-Pillow Breccia
- 1F Variolitic Flow (Porphyritic)
- 1G Tuff
- 1H Lapilli-Tuff
- 1I Tuff Breccia-Agglomerate
- 1J Crystal Tuff
- 1K Volcaniclastic - Epiclastic

SH - Shear Zone

Abbreviations

Code	Alteration
ank	ankerite
bio	biotite
ca	calcite
cb	carbonate alteration (unspecified)
chl	chlorite (chloritized)
ep	epidote
fus	fuschite
fd	feldspar
kspar	K-feldspar
mag	magnetite
qtz	quartz
ser	sericite
sil	silicified
tour	tourmaline
Code	**Mineralization**
cpy	chalcopyrite
mag	magnetite
mal	malachite
po	pyrrhotite
py	pyrite
sp	sphalerite
Code	**Texture/Structure**
bnd	banding
bx	breccia
fol	foliation
fract	fracture/joint
lam	laminated/lamination
mav	massive
pil	pillow s
porp	porphyritic
sh	shear
vn	vein
wk	w eak
mod	moderate
str	strong
Code	**Veining**
qv	quartz vein
qs	quartz stringer
qcv	quartz carbonate vein
qcs	quartz carbonate stringer
cs	calcite stringer

SYMBOLS

Claim Configuration
- Effective Property Boundary
- Prodigy Cell Claim
- Patent/Lease MSR
- Patent/Lease SRO

Surface Features
- Prodigy Rock Sample
- Main Road
- Secondary Road
- Trail/Track
- Slope
- Slope Toe
- Swamp Edge
- Trail
- Trench
- Boulders
- Swamp
- Creek

Structural Symbols
- Contact (inclined, vertical)
- Bedding (inclined, vertical)
- F1 Foliation (inclined, vertical)
- F2 Foliation (inclined, vertical)
- Jointing/Fractures/Veining (inclined,vertical)
- Cleavage (inclined, vertical)
- Shearing (inclined, vertical)
- Pillow Tops
- Lineation with plunge
- Plunging Fold Axis

Mapping Symbols
- Small O/C
- Boulder
- Contact
- Fault
- Outcrop Boundary

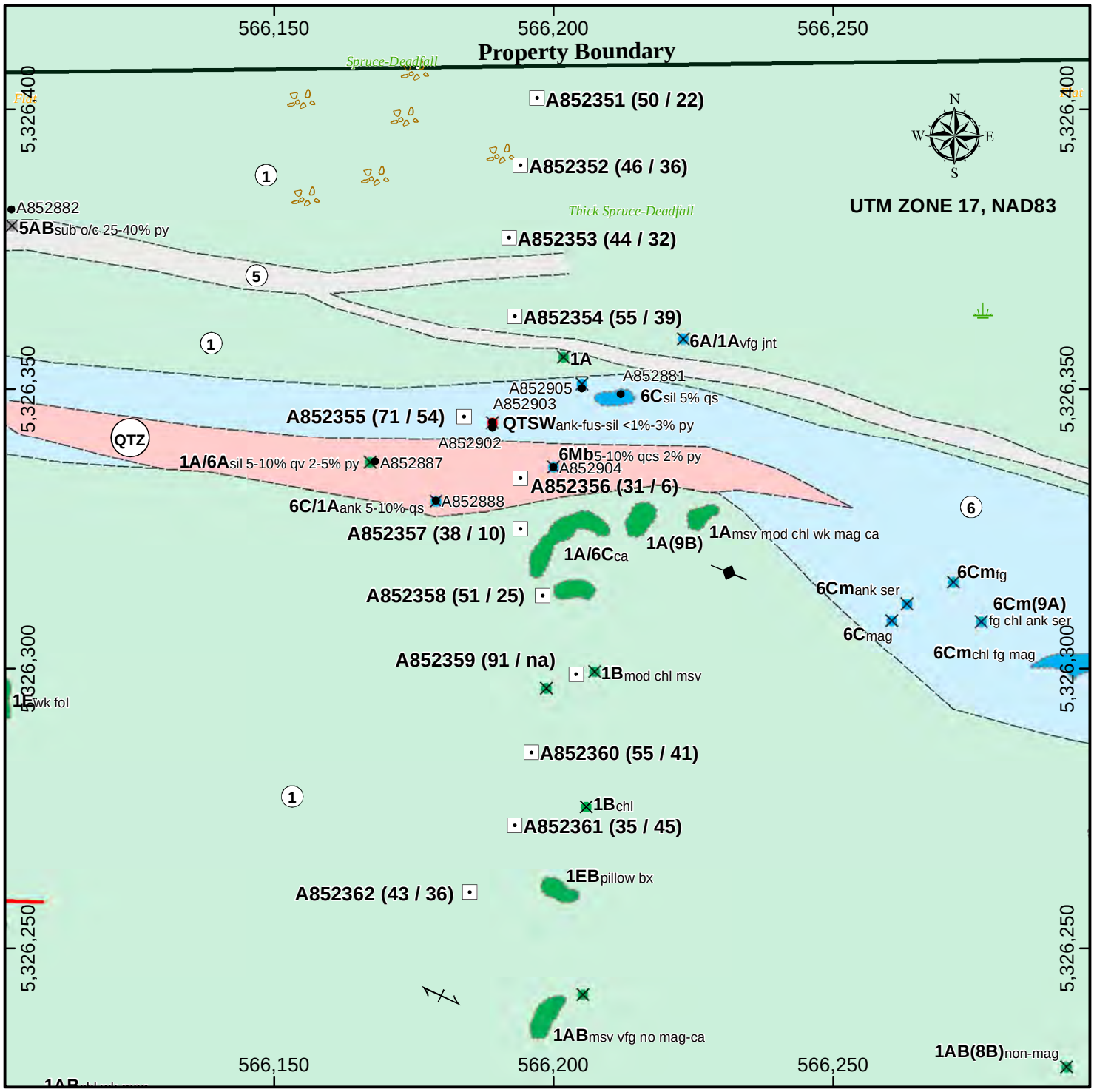
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Meters

PRODIGY GOLD INC.
Kirkland Lake Area, Ontario

OTTO GOLD
2022 GEOLOGICAL MAPPING and INTERPRETATION

October 27, 2022



LEGEND

- Humus Sample (g/t Au FA/AA / g/t Au INAA)
- Rock Sample (all <0.005g/t Au)
- Contact - Vertical
- Foliation - Vertical
- Boulders
- Swamp

Outcrop Lithology
(see full geology map for detailed legend)

- 6 - Mafic Intrusives
- 1 - Mafic Metavolcanics
- Small O/C

Interpretation

- Contact
- QTZ - Quartz Veining
- 6 - Mafic Intrusive
- 5 - Chemical Metasediment
- 1 - Mafic Metavolcanic

PRODIGY GOLD INC.

Otto Twp., Kirkland Lake Area, Ontario

OTTO GOLD
2022 HUMUS ORIENTATION SAMPLING

September 12, 2023

1:1,000

0 20 40

Meters

APPENDIX 2

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	Accuracy(m)	Sample Type	Interval Length (cm)	Litho 1	Litho 2	Description	Au (g/t)
															FA
A852851	Roach/Racicot	August 22, 2022	Map A6 - Valley View Road	NAD 83	17	566637	5326252	315	4	Sub-o/c		1B		Massive Mafic Flow - locally rusty bn weathered color and green/pistachio green fresh color, altered mafic composition being strong ep in matrix and fractures & moderate chl with weak to moderate ca-cb, vfg, massive to wk fractured, <1% qcs/cs, wk vfg to fg disseminated 5% to 10% py cubes, weakly magnetic	< 0.005
A852852	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566715	5326380	322	3	Grab		SH	1B	Sheared Mafic Flow - earthy red weathered color and light green fresh color; altered mafic composition with strong per ca-cb and mod chl in matrix and sh-controlled, sh texture, <0.5% qcs, up to 2% fg scattered py, strongly magnetic	< 0.005
A852853	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566711	5326144	323	3	Grab		1B		Massive Mafic Flow - dark green & rusty fractures, mafic composition with moderate chl and no cb, massive, <0.5% qcs, <1% to 10% patchy py in fractures, non-magnetic	< 0.005
A852854	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566695	5326057	343	3	Grab		5A	1K	Chert Mafic Volcaniclastic - rusty brown weathering, non magnetic unit that is grey on fresh surface: very fine grained with strong pervasive silica alteration, weak to moderate serecite and no carb alteration; 3-5% disseminated pyrite along joints. strike 102 degrees with 90 degree dip.	< 0.005
A852855	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566684	5326062	322	3	Grab		5E		Chert/Sulphide Facies BIF -sample of rubble from a 0.6 meter wide gut where wall rock strikes at 265/71S; 10-15% wall rock in sample; sample cotains up to 85% banded and massive pyrite	0.019
A852856	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566681	5326062	329	3	Grab		5A		Exhalative Chert - fine grained, orange and smokey grey with strong silica alteration and non magnetic: 8-10% disseminated pyrite and along fractures; < 0.5 qcs; non mag	0.012
A852857	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566628	5326168	323	3	Grab		1K		Volcaniclastic-thin rusty veneer weathered surface; dk grn gry to gry grn FS; wk to mod frac; wk to mod sil in matrix, wk chl, relic matrix, weak gf and carbonaceous; 1-2% qs with 0.5% py; strike 078 dip 68; vfg 5% py in fractures; non mag.	0.008
A852858	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566630	5326163	323	3	Fly-rock				Green gry and white; vfg, fractred; wk to mod sil in matrix, wk chl in matrix, pervasive mod to strng cb, wk to mod ep in local frac; vfg- strongly frac; 30-40% cv/cs with <0.5% py; non mag	< 0.005
A852859	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566618	5326195	319	3	Grab		SH	1E	Sheared Mafic Flow- light green, greenish -grey with pink fractures; very fine grained with mod to strng shrd pillows; wk chl in matrix and stong carbonate in the matrix and fractures .50% cs veining and local 4% qs with < 0.5% py; occassional 4% py ; non mag; strike 080/64	< 0.005
A852860														Standard - Oreas 15F (0.334 g/t Au)	0.328
A852861	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566627	5326229	322	3	Float		QV		Milky white to white, sub angular to sub round quartz boulder in an overburden trench; rock is weakly to moderately fractured; <0.5% sulphides; non mag	0.011
A852862	Roach/Racicot	August 23, 2022	Map A6 - Valley View Rd East	NAD 83	17	566638	5326252	325	3	Grab		1B		Massive Mafic Flow- dk grn to grn FS, vfg, finely jointed, moderate chlorite altn in the matrix and moderate carbonate altn in fractures and joints that strike at 160/90:<1% cs/qcs and < 0.5% py; <1% widely scattered py; non mag	< 0.005
A852863	Roach/Racicot	August 24, 2022	Map A6 - Valley View Rd East	NAD 83	17	566798	5326005	336	3	Chip	5	SH	1A	Sheared Mafic Flow- very fine grained that weathers grey-green; grn and white on FS; moderate chlorite altn in the matrix and local carb altn. 10% qs/qcs veining that strikes at 100/90 and has a maximum width of 0.2 cm; strong shearing at 100/88: <0.5% py; non mag	< 0.005
A852864	Roach/Racicot	August 24, 2022	Map A6 - Valley View Rd East	NAD 83	17	566859	5326024	329	3	Grab		1E	SH	Amygdaloidal Flow- Fine shears in very fine grained,greenish grey and white with moderate chlorite in the matrix and weak card in fractures; 10% quartz stringers up to 1/2 cm (and modderate shearing) at 105/87. 0.5% pyrite and non magnetic	< 0.005
A852865	Roach/Racicot	August 24, 2022	Map A6 - Valley View Rd East	NAD 83	17	566896	5326016	336	4	Grab		1KA		Very fine grained, massive, with thin rusty frac in weathered surface and grey-green on fresh surface; moderate chlorite in the matrix, no carb altn and weakly magnetic in places. <1% hairline (0.1 mm) quartz stringers (qs) and 1-2% vfg scattered 2-3% pyrite. None to wk mag	< 0.005
A852866	Roach/Racicot	August 24, 2022	Map A6 - Valley View Rd East	NAD 83	17	566888	5326044	330	4	Grab		1E	1B	Amygdaloidal Flow- very fine grained, weak to moderate brown weathered surface-light grey green on fresh surface; weakly sheared at 090/90 with <0.5% qcs. 5% vfg scattered pyrite and moderately to strongly magnetic; weak carb altn in joints and mod chlorite in the matrix; mod to strng mag	0.005
A852867	Roach/Racicot	August 24, 2022	Map A6 - Valley View Rd East	NAD 83	17	566821	5326347	325	3	Grab		1B		Massive Flow- Green gry on WS and Grn on FS; vfg snf weakly fractured; Very fine grained, green grey to green weakly fractured with mod chlorite in the matrix and moderate carb and weak to moderate epidote in fractures. Widely scattered 1-3% pyrite and a possible spec of cpy: weak to moderately magnetic	< 0.005
A852868	Roach/Racicot	August 24, 2022	Map A5- Valley View Rd East	NAD 83	17	566852	5326140	328	4	Sub-o/c		1A	1B	Unsubdivided Mafic Flows-rusty WS dark grn to green FS; massive, locally banded; Very fine grained, massive, rusty weathering dark green grey massive flow and locally banded in places; mod chl in matrix, no cb; weak, fine local bands of FG dissem py (1-5%); mod magnetic	< 0.005
A852869	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566496	5326270	311	4	Grab		6Cm		Fine to medium grained green to dark green, equigranular- sub porp texture; weak to mod silica and mod carb in fractures and joints; < 0.5% qcs; amp >fldsp, Fg to MG - and weakly magnetic in places; 5-10% fine grained, dissem py with up to 20% py along fractures and joints. non mag	< 0.005

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	Accuracy(m)	Sample Type	Interval Length (cm)	Litho 1	Litho 2	Description	Au (g/t)
A852870														Blank	< 0.005
A852871	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566529	5236170	317	3	Grab		1A		unsubdivided Mafic Flows-Very fine grained, bleached on WS and green grey on FS; 2-5% cs/qcs with 1-2% py; weak chl altn and strong carb along fractures and matrix; weakly magnetic with 5% scattered fg and vfg py. Strike 294/74; wkly mag.	< 0.005
A852872	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566478	5326157	322	3	Grab				Volcaniclastic-very fine grained, light grey green Ws, gy to pinkish gry FS with strong car altn on the joint planes; weak serecite altn and weak to mod silica altn in the matrix; widely scattered vfg py cube and<1% cs/qs veining mod to strng mag	< 0.005
A852873	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566387	5326143	324	4	Grab		5D	1K	Silicate BIF; Dark grey, locally rusty banded with 5% irregular QS veining; moderate shearing at 099/90 and bedding at 111/82; <1% widely scattered py; wkly mag	< 0.005
A852874	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566327	5326311	322	3	Grab		9B	6C	Syenite cross cutting gabbro- Locally rusty weathering surface, dark grey or green grey fresh surface: altd comp with mod sil in matrix of syenite and wk to mod chl in gb matrix and patchhy wk to mod cb. Kspar altn? Wkly frac and vfg, 5% qcs/qs; 10% fg to vfg diss porp py cubes; non to wkly mag	< 0.005
A852875	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566347	5326302	322	6	Grab		6CM		Melanocratic Gabbro-green to dk green and white, mafic composition with mod chl and wk to mod ca fractures; vfg and mssg, weakly fractured qs/qcs 5-10%; melanocratic and amp > fld; wk to mod shearing, 5% fg to med fg py in wr and upto <1% py in veining. Non mag	< 0.005
A852876	Roach/Racicot	August 25, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566301	5326296	326	4	Grab		6CM		Malanocratic Gabbro-Green to dark green and white veinlets; mafic comp with mod chl and wk cb in fract/joints, sil in joints and frac? Vfg and weakly frac with <1-5% qcs. 5% dissem and fract fill py (porp?) non Mag	< 0.005
A852877	Roach/Racicot	August 26, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566287	5326148	329	4	Grab		1B	6CM	Massive mafic flow (Gabbro)- mod rusty WS dk green FS; mafic comp with mod chl in matrix, wk to mod cb,locally in frac, vfg and wkly frac,<1% cs/cps. 10-15% vfg to fg diss py cubes and frac. Wkly mag	< 0.005
A852878	Roach/Racicot	August 26, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566218	5326092	322	6	Grab		5D		Silicate Iron Fm; rsty brn band and dk gren to dk gry gryish black in color; mafic comp with mod chl, with alternating bands of chl with magnetite. No cb, fg and banded texture, < 1/2% qs. 5-10 % vfg diss py to local massive sulphide bands of py/po. Local fract, 1-5% po and strong mag	< 0.005
A852879	Roach/Racicot	August 26, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566216	5326115	327	4	Grab		1B		Massive Mafic Flow- dk green to grn FS; mafic comp with mod chl and wk to mod cb as hair line frac. Vfg to massive cs up to 1%. <1 to local 2% fract (diss) py; wkl mag.	< 0.005
A852880														Standard - Oreas 17C (3.04 g/t Au)	3.03
A852881	Roach/Racicot	August 27,, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566212	5326349	328	4	Grab		6C		Gabbro- bleach light grn FS; altd mafic comp with pervasive mod sil ; no cb. Fg and jointed. 2-3% qs and < 0.5% py; non mag	< 0.005
A852882	Roach/Racicot	August 27,, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566103	5326382	332	4	Grab		5A	1K	Chert (silicate BIF/ and mafic volcanaclastic); rsty WS and bleached greenish white FS. Altered comp with mod sil qtz in matrix and wk relic chl in matrix, no cb. Vfg and massive, <0.5% qcs. 25-40% vfg to fg dissem py cubes. Wkly mag	0.015
A852883	Roach/Racicot	August 27,, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566111	5326076	334	4	Grab		1A	1E	Mafic pillow flow- greenish gry to bleached grrn gy FS, altd mafic comp. weak to mod shearing with mod sil and wk to mod ser, fract controlled, mod carb frac controlled, local fus that is assoc with qcs; wkly frac with 3-5% qcs; occ py (<1%) mod to strong mag.	< 0.005
A852884	Roach/Racicot	August 27,, 2022	Map A6 - Valley View Rd Wes	NAD 83	17	566094	5325925	328	3	Grab		1E	3A?	Mafic or felsic unsubdivided- green gry to lt grn FS; alt mafic or felsic comp? with strg cb in matrix and frac; wk chl. Wkly fol/fract, 1-2% ca stringer pods, 5% vfg fine dissem py; aspy or as-py local diss upto 1%. Non mag	< 0.005
A852885	Roach/Racicot	August 27,, 2022	Map A5 - Valley View Rd Wes	NAD 83	17	566008	5325887	327	4	Grab		5D	1K	Silicate BIF (mafic volcaniclastic)- locally rsty WS, dirty grn grey FS. Mafic comp with mod chl and strng cb in matrix, wk ank (?), vfg and jointed, < 0.5 qcs, 1- to local 3% vfg py; strg mag	< 0.005
A852886	Roach/Racicot	August 27,, 2022	Map A5 - Valley View Rd Wes	NAD 83	17	566006	5325937	336	4	Grab		1K		Mafic volcanmiclastic, mod to strng WS with rysty color and dk grn FS; mafic comp with mod chl in matrix, no cb, wkly fol, < 5% qcs; 1-2% wdiely scattered py. Local 3-4% py. Non to wk mag	< 0.005
A852887	Roach/Racicot	August 27,, 2022	Map A5 - Valley View Rd Wes	NAD 83	17	566168	5326337	332	4	Grab		1A	6A	Mafic metavolcanic or intrusive gabbro? Brn rsty WS, and bleached grrenish gry FS. Altered mafic comp with mod to strng sil in matrix and frac filling. Mod ser and wk cb- frac contreolled; vfg and wkly frac, irreg qs (5-10%). 2-5% py in matrix and veining with 2-3% py in qs: wkly mag	< 0.005
A852888	Roach/Racicot	August 27,, 2022	Map A5 - Valley View Rd Wes	NAD 83	17	566179	5326330	333	4	Grab		1A	6A?	Mafic metavolcanic or intrusive gabbro? Earthy rsty WS and bleached greenish gy FS; altd mafic with mod to strng ank, frac controlled, wk sil ser and cb altn frac cntrl; vfg and wkly to mod frac with 5-10% qs; upto 1% wide sctted py; non mag	< 0.005
A852889	Roach/Racicot	August 28, 2022	A4	NAD 83	17	565495	5326343	325	3	Grab		1K		Mafic volcaniclastic; mod rsty WS and bleached, beige white FS; altered mafic comp with strng sil or ab in matrix, mod ank in matrix (?) and wk local cb; vfg and jointed. < 0.5% qcs; 2-5% vfg diss py; mod mag	< 0.005
A852890	Roach/Racicot	August 28, 2022												Blank	< 0.005
A852891	Roach/Racicot	August 28, 2022	A4	NAD 83	17	565515	5325989	336	5	Grab		1K	SH	Sheared mafic volcaniclastic- wk to mod rsty WS; gren to dk grn FS; mafic comp with mod chl, wk cb as local fractures; wk ep in matrix - fg and strngl shrd, 1-2% qs; 2-4% vfg sctted py, local 1-2% po assoc with cpy, < 1% cpy assoc with po in joints. Wk to local strn mag assoc with po	< 0.005

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	~~Accuracy(m)~~	Sample Type	Interval Length (cm)	Litho 1	Litho 2	Description	Au (g/t)
A852892	Roach/Racicot	August 28, 2022	A4	NAD 83	17	565575	5325945	341	3	Grab		1B		Massive Mafic Flow- wk local rsty, dk grn FS, mafic comp with mod chl in matrix, no cb, vfg and massive weakly jointed; < 0.5% qcs, 5% vfg diss py in joints and matrix; non to wkly mag	< 0.005
A852893	Roach/Racicot	August 28, 2022	A4	NAD 83	17	566603	5326116	327	7	Grab		1B	1A	Massive Mafic Flow- wk to mod rsty brn WS; grn to dk grn FS, mafic comp with mod chl in matriz, wk ep, vfg and wkly shrd, <0.5% qcs, 1-2% fg to vfg scatted py; wkly mag	< 0.005
A852894	Roach/Racicot	August 28, 2022	A4	NAD 83	17	565627	5326231	335	5	Grab		1A	5A?	Cherty Mafic metavolcanic (?)- mod rsty brn WS and gryish to greenish white FS; alt mafic comp with mod to strn sil flooding in matrix; wk relic chl , vfg sugary qtz (chert?). Vfg and jointed. <0.5qs, 1-2% vfg widely sctted py and up to 1% po. Non to wkly mag	< 0.005
A852895	Roach/Racicot	August 28, 2022	A4	NAD 83	17	565624	5326331	341	3	Grab		1B		Massive Mafic Flow- wkly rsty brn WS and lt grn to grn FS; mafic comp with mod ch on matrix; weakly sil in matrix; vfg and massive, <0.5% qcs, 5% widely scstted disem frac filled py; wkly mag	< 0.005
A852896	Roach/Racicot	August 30, 2022	A5	NAD 83	17	565625	5326355	336	4	Grab		4E	1K	Graphitc arg/mafic volcaniclastic- mod rsty brn WS and black to grnish blck FS; mafic comp with wk to mod chl in a dirty looking matrix; wk to mod gf, no cb, vfg and shrd to banded bedding texture; <0.5% qs, up to 1% widely sctted py cubes; non mag.	< 0.005
A852897	Roach/Racicot	August 30, 2022	A5	NAD 83	17	565671	5326336	340	4	Grab		1B		Massive Flows-Fine grained, slightly weathered, fractured with mod carb altn in the fractures and mod chl altn and weak epidote altn in the matrix. 2-4% irreg oriented cal stringers, < 1 to local vfg dissem py; py increaes near cal frac. Non to wk mag.	< 0.005
A852898	Roach/Racicot	August 30, 2022	A5	NAD 83	17	565710	5326254	337	5	Grab		1B	SH	Sheared Massive Mafic Flow- wk to mod rsty WS and grenish gy FS; alt mafic comp with mod to strng sil flooding in matrix, wk to mod ser in matrix (?) and wk relic chl; wk (mod) shearing and vfg; < 0.5% qs. < 1-5% vfg, patchy dissem sctd py; non mag	< 0.005
A852899	Roach/Racicot	August 30, 2022	A5	NAD 83	17	565681	5326144	336	4	Grab		1B		Massive Mafic Flow- wk to mod rsty brn WS and dk grn to grn FS; mafic comp with mod chl with mod to strng cb in fract, vfg massive to wkly frac; 1-2% qcs and cs; wk sh; < 1-5% widely sctted py in matrix with increase in py in joints and frac; wkly mag.	< 0.005
A852900	Roach/Racicot	August 30, 2022												Standard - Oreas 15H (1.019 g/t Au)	0.96
A852901	Roach/Racicot	August 30, 2022	A5	NAD 83	17	565562	5326360	332	4	Grab		1B		Local brn WS - whitish gren gry FS, vfg fracture texture; weak sil frac controlled, wk chl in matrix and weak cb in frac- also patchy, wk tomod Kspar- fracture contrld. 5-10% qs//qcs with < 1% py; widely scattered, vfg 1-3% dissem py; mod mag	< 0.005
A852902	Roach/Racicot	August 31, 2022	A5	NAD 83	17	566189	5326343	341	3	Grab		QTCSW	6Cm	Quartz Stockwork- Weak to moderate brn earthy surface WS light greehish gry to grey and white FS: altd mafic comp with strng ank and grn carb, pervasive in wall rock; fract contrld. Stngly frac texture with 50% qcv, overall up to 1% py with local 2-3% fg py in wall rock near vein contct; local bleb (<.5)of cpy at wall rock/vein contact. non mag	< 0.005
A852903	Roach/Racicot	August 31, 2022	A5	NAD 83	17	566189	5326344	341	3	Grab		QTCSW	6Cm	Quartz Stockwork- weak to mod brn earthy surface WS, bleached light greenish gry to greyish white FS: altd mafic comp with strng ank in matrix and weak to mod green carb in altd matrix; mod to strng sil and ab? weakly frac with 5-7% qs and occ py < 1 %. Non mag.	< 0.005
A852904	Roach/Racicot	August 31, 2022	A5	NAD 83	17	566200	5326336	333	4	Grab		6Cm		Earthy brn on WS; weak greenish grey FS; altd mafic comp with strong ank in matrix and mod green carb in altd matrix- frac controled, mod silicified and ser in wall rck matrix- frac contrld. Weakly frac with 5-10% qcs and qs; up to 1% py and up to 2% py locally in wall rock and vein (<1% py in vn) non mag.	< 0.005
A852905	Roach/Racicot	August 31, 2022	A5	NAD 83	17	566205	5326350	325	3	Grab		6Cm		Ankerite altered Gabbro; earthy brn WS, and beige brn FS; alted mafic comp with strong frac controlled ank, weak to mod sil in matrix frac contrd, weak ser. Green carb fuch weak and patchy; weakly frac; 1-2% vfg widely scatted py; 5% qps . Non mag.	< 0.005
A852906	Roach/Racicot	September 1, 2022	B4	NAD 83	17	565802	5326192	331	4	Grab		1B		Massive mafic flow; mafic comp with mod chl and wk to mod cb as fract; massive texture, < 1; % cs fract /joints; up to 1% vfg widely scattered py cubes; non mag	< 0.005
A852907	Roach/Racicot	September 1, 2022	B4	NAD 83	17	565795	5326182	304	5	Grab		1B		Massive Mafic Flow; wk iron stn WS; dark grn FS; mafic comp with wk chl and wk ep. Massive and cs /qcs < 1%; chl 2, ep 1: widely scattered py in jnts and frac; patchy <1%- locally 2% py : non mag.	< 0.005
A852908	Roach/Racicot	September 1, 2022	B4	NAD 83	17	565877	5326249	328	3	Grab		QV	1B	Qtz strnger cutting massive mafic flow;. locally rusty WS and green and white FS; mafic comp with mod chl, wk cb in frac; fracture texture, vfg; 50% qs; <0.5% py; non mag	< 0.005
A852909	Roach/Racicot	September 1, 2022	B4	NAD 83	17	565917	5326330	330	5	Grab		1B		Green and whte FS; mafic comp with mod chl and wk ep; frac and vfg; 20% discontinuous qs; chl 2, ep 1; occasional <0.5% py; non mag.	< 0.005
A852910	Roach/Racicot	September 1, 2022												Blank	< 0.005
A852911	Roach/Racicot	September 1, 2022	B4	NAD 83	17	565885	5326345	327	6	Grab		1B		Massive mafic flow; earthy brn grn WS and light grn to grey FS; altd mafic comp with relic wk chl altn in matrix; wk to mod ank, sil, ab in matrix; massive and jointed; 1-2% qs and qcs; <1% vfg py in matrix: non mag	< 0.005
A825912	Roach/Racicot	September 1, 2022	B4	NAD 83	17	566012	5326365	333	5	Grab		6A	1A	Massive mafic flow; erthy brn WS light grn FS; altd mafic comp with mod ank, ser and sil in matrix with wk to chl and carb; in matrix with local cb in frac; weakly frac; with 4-7% qs: occasional <1% py; non mag	< 0.005

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	Accuracy(m)	Sample Type	Interval Length (cm)	Litho 1	Litho 2	Description	Au (g/t)
A852913	Roach/Racicot	September 1, 2022	B4	NAD 83	17	566011	5326372	332	5	Grab		6A	1A	Massive mafic flow; erthy brn WS and light bleached green FS; altd mafic comp with mod ank,. Ser and sil in matrix; weak carb in local frac; < 1-5% local fuchite (?) wkly rac with 5% qs/cps up to 1% vfg py in joints and wall rock/- <0.5% local vfg cpy-non mag.	< 0.005
A852914	Roach/Racicot	September 1, 2022	B4	NAD 83	17	566031	5326343	333		Grab		1A	1B	Massive mafic flow; brn erthy WS and greeish brn FS; alterd mafic comp with strong ank, weak to mod chl and wk carb; all frac controlled. Fractured text with 10-15% qps/qs; <1% py; non mag	< 0.005
A852915	Roach/Racicot	September 2, 2022	B4	NAD 83	17	565961	5325966	337	3	Grab		5D	1K	Silicate Fe facies BIF: rsty brn WS and greenish black to black FS; mafic comp with mod chl and wk to mod cb; gf in bands; vfg and bedded banded texture 5% qcs sub parallel to shearing weakly sheared < 1% py: weakly mag.	< 0.005
A852916	Roach/Racicot	September 2, 2022	B4	NAD 83	17	565990	5325996	337	3	Grab		5A	1K	Cherty mafic volcaniclastic: grey to greenish grey FS; strongly sil with cherty bands and weak relic chl; sheared banded texture; < 0.5% qcs and < 0.5% py; wk to mod mag	< 0.005
A852917	Roach/Racicot	September 2, 2022	B4	NAD 83	17	565908	5325938	339	4	Grab		5D		Silicate facies BIF: Fe stain WS and dk grey to blackish green FS: mafic comp with mod chl and wk ab; massive bed texture, vfg, < .5% qs and py; strongly mag.	0.01
A852918	Roach/Racicot	September 2, 2022	B4	NAD 83	17	565904	5325836	321	3	Grab		1K	1A	Mafic volcaniclastic: brn WS and black to greeen FS: mafic comp with mod chl in matrix; strongly shrd, < 0.5 % qcs and py; non mag	< 0.005
A852919	Roach/Racicot	September 2, 2022	B4	NAD 83	17	565816	5325904	320	4	Grab		1K	4E	Argillaceous Mafic Volcaniclaistc ; rsty brn WS and dirty greyish green FS; mafic comp with mod chl (argillaceous); mod to strong cb in frac, wk to mod GF, mod shred, 2-4 cs/qcs; < eq 1% and up to 5% patchy py on fract and shears; mod mag.	0.007
A852920	Roach/Racicot	September 2, 2022												Standard - Oreas 62C (8.79 g/t)	7.16
A852921	Roach/Racicot	September 3, 2022	Otto Rd and Valley View Rd	NAD 83	17	564967	5325513	318	4	Grab		1B	1K	Massive mafic flow volcaniclastic; locally rsty WS annd greysish white FS: altered mafic comp with mod to strong sil; sil flooding; wk to mod ser , wk to mod ep in matrix and wk cb; weakly foliated with local tour, fracture, < 0.5% qs; 5% vfg dissem py along jnts and shears; < 0.5% cpy ; non to very wk mag.	< 0.005
A852922	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565213	5325803	329	4	Grab		4A	1K?	Mafic volcaniclastic,Iron stain WS blackish to dk grey FS; mafic comp with mod chl and 5-10% biotite; vfg, massive band, <0.5 qs and up to 1-2% widely scatterd py	0.005
A852923	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565227	5326648	330	4	Grab		5A	(3A)	Cherty tuff; localy rsty brn WS, creamy grey-greysih white beige FS; strongly sil flooding in matrix with wk to mod ser and faint carb; wkly to mod sh,< 0.5% qs, 5% to l0% local vfg to fg dissem py; non mag	0.031
A852924	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565222	5325645	334	3	Grab		1E	FH	Shrd mafic pillow flow; brn rsty WS and dk blackish green to dk grn FS: mafic comp with mod chl,/ep in pillow selveges; wk patchy local sil in shears, wk patchy ser, strongly shrd pillow texture. < 0.5% qs, 4-8% fg to vfg py dissem along sh plane; non mag	< 0.005
A852925	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565231	5325621	342	4	Grab		5A	5E	Chert tuff to sulphide facies FM; mod rsty brn WS, and grey white to light grey FS; Strong sil flooding of matrix with wk ser altn in matrix massive beds with strongly shrd banding; < 1% qs. 10% to local 20-25% fg to vfg dissem and semi massive bands of py. Non mag.	< 0.005
A852926	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565175	5325584	330	4	Grab		5B	5D	Oxide silicate facies (BIF); mod to strng rsty WS, blackish grn to grn FS; alternating bands of mod chl and qtz; banded texture < 0.5 % qs , 1-2 % widely scatted vfg py; strongly mag	< 0.005
A852927	Roach/Racicot	September 4, 2022	B3, east Otto Road 1	NAD 83	17	565209	5325482	325	4	Grab		1B		Altered massive mafic flow: bleached light green to light greenish white FS; altered mafic comp with wk to mod ser/chl and ,mod to strng cb (cb frac filling); 5-10% tour xtals with possible fuchite; mod shrd, 2% cal joints, < 0.5% py. Non mag	< 0.005
A852928	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565344	5325796	320	3	Grab		5B		Oxide facies Fe Fm; wk to mod rsty brn WS and banded black and white FS, altning bands of qtz and massive magnetit; microcrystalline qtz, bedded texture, < 0.5 % qs and py; strngly mag	0.008
A852929	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565375	5325648	335	4	Grab		1K	1E	Mafic volcaniclastic; wk lt brn WS and green FS; altered mafic comp with mod chl and ep, all shrd controlled; strong to intense shearing <0.5% qs and py. Mod mag	< 0.005
A852930														Blank	< 0.005
A852931	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565394	5325504	336	4	Grab		1B		Massive Mafic flow; Light grenn togrn FS: altered mafic comp, with mod to strng ser in matrix and frac with mod chl, weak ep in frac; vfg and massive;; < .5% qs and py; non mag.	< 0.005
A852932	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565423	5325326	335	4	Grab		4B	5A?	Arenaceous meta sed; rsty WS and ligh tgry FS; sil comp in qtz biotite… arenaceous; 15-20% biotite (detrital?), vfg and occurs as a shear band; <0.5 qs andpy; mod to strng mag	< 0.005
A852933	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565489	5325333	345	4	Grab		5D		Silicate facies BIF, mod brn rsty WS and dk grn FS; mafic comp, with mod to strng chl and 15-20% vfg dissem magnetite; banded texture and vfg. < 0.5% qs and py. Srtng mag	< 0.005
A852934	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565512	5325440	348	3	Sub < rubble		1B		Massive mafic flow; wk Fe stain rsty brn WS and grn gry FS; altd mafic comp wih mod sil flooding of matrix with mod relic chl. 5-10% biotite. Massive appearanve and vfg. < 0.5% qs. 5% patchy dissem py, 2-3% scattered po and <1% cpy and bn?; wk to mod mag.	< 0.005

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A852935	Roach/Racicot	September 5, 2022	B3, east Otto Road 1	NAD 83	17	565518	5325441	351	3	Grab		1K	5A?	Cherty mafic volcaniclastic; mod brn rsty WS and lihht greenish gry to lt grn FS: altered mafic comp with mod sil and ser in matrix; vfg and wkly shrd. <0.5% qs; 15-30% vfg py n matrix of a band; wkly mag.	< 0.005
A852936	Roach/Racicot	September 6, 2022	B3, east Otto Road 1	NAD 83	17	565305	5325790	327	4	Grab		5D	1K	Silicate facies Fe FM and mafic / volcaniclastic;mod to strng rsty WS and dk gry to black FS; wk to mod sil altn of mafics; 5-10% magnetite bands, vfg and wkl to mod shrd; bedded; <0.5% qs; and 5 to 7% fg dissem py. Mod to strng mag.	< 0.005
A852937	Roach/Racicot	September 6, 2022	B3, east Otto Road 1	NAD 83	17	565292	5325733	331	4	Grab		1B		Fractured massive mafic flow; wkly local rsty WS and grn to dk grn FS: mafic comp with mod chl and wk local ank/ep fractures; vfg and fract with 5% qcs.qs; 2-3% vfg sctted py as frac and in matrix. spec cp. Non mag.	0.013
A852938	Roach/Racicot	September 6, 2022	B3, east Otto Road 1	NAD 83	17	565502	5325579	341	6	Grab		SH	1K	Creamy bleached lt grn FS: altered mafic comp with strng ser and mod sil, shear controlled. Local cb in frac; vfg and strngly shrd. <1% cs /qcs. Occ up to 1% py. Non mag	< 0.005
A852939	Roach/Racicot	September 6, 2022	B3, east Otto Road 1	NAD 83	17	565499	5325645	336	4	Grab		5A	1K	Chert/mafic volcaniclastic; mod rst brn bands WS; dk gry to blackish gry FS: mod chl in matrix with sil bands; argillaceous comp with wk gf. Banded texture. < 1% qs, banded/shrd texture; 5%fg to vfg scatted py cubes (porp). Wkly to mod mag	0.011
A852940														Standard - Oreas 15F (0.334 g/t Au)	0.333
A852941	Roach/Racicot	September 6, 2022	B3, east Otto Road 1	NAD 83	17	565324	5325611	332	5	Grab by Frank		5A		Chert: rsty brn WS and gry to litght gry FS; sil in comp with wk ser, vfg and massive, < 0.5% qs and < 1% py; non mag	0.024
A852942	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566514	5325722	335	3	Grab		5A	4B	Cherty arenite; wk to locally mod rsty brn WS and gryish white FS; sil matrix, sil comp with mod ser, lmainated banded text, < 0.5 % qs, up to 1% widly sctted py, wkly mag.	< 0.005
A852943	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566494	5325852	331	4	Grab		5D	4B	Silicate Facies Fe Fm/Arenite. Blk fresh FS; altrnating sil and chl bands, 80-85% massive magnetite, with wall rock < .5% qs; up to 1% local vfg py. 0.5% cpy; strngly mag	< 0.005
A852944	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566403	5325968	329	5	Grab		QV	1B	Qtz vein/ massive mafic flow (20%); milky white to white FS; QV is qtz comp and vfg and wkly frac; 20% wall rock- wk to mod chl; 80% QV < 0.5% py, non mag	0.031
A852945	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566427	5325867	336	4	Grab		5D		Silicate faciers Fe Fm; wk to mod rsty brn WS; dk grn to blakish grn FS; althernting mafic comp with mod chl in bands and 10-20% magnetiferous chl. Local cal in frac, < 0.5% qcs and 15-20% vfg dissem py, strngly mag	< 0.005
A852946	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566428	5325873	334	4	Grab		5D	SH	Sheard silicate Fe FM; mod rsty brn WS dk grnn to blackish gren FS; alternating mafic comp with mod to strng chl in matrix with 20-30% vfg dissem mag in chlotitic matrix. Shrd banded text and vfg, <0.5% qs, < 1% py, strongly mag	< 0.005
A852947	Roach/Racicot	September 7, 2022	Map B5 and B6	NAD 83	17	566424	5325887	342	5	Grab		5D		Silicate facies Fe FM; mod rsty brn WS and dk grn to blackish grn FS; alter maific comp with mod shear controlled ser and wk cb and chl; shrd banded texture and vfg, <.5% qcs and up to 1% to locally 2% vfg widely scatted py, mod to strng mag.	0.005
A852948	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565711	5325969	333	4	Grab		1B		Massive mafic flow; wk brn WS and dk grn to grn FS; mafic comp with mod chl, vfg and massive, deeply jointed, < 0.5% qcs, 2-3% py along joint faces; non mag.	< 0.005
A852949	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565715	5325938	344	4	Grab		SH	1A	Shrd mafic flow; wk to mod brn WS and greenish gry to grn FS: altered mafic comp with mod chl and wk to mod ser, wk cb; vfg and mod shrd, <0.5% qs, 1-3% scatted py in fract and ints; non mag	< 0.005
A852950														Blank	< 0.005
A852951	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565713	5325902	346	3	Grab		1B		Fracted massive mafic flow; grn and wht FS; mafic comp with mod chl and wk cb; mod frac with 10-15% qs; < 0.5% py, non mag.	< 0.005
A852952	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565709	5325768	344	3	Grab		SH	1E	Sheared mafic pillow flow; grnish gry grn and light grn FS; mafic comp with mod chl and wk to mod ep in pillow selveges; wk cb; vfg and strngly shrd;<0.5% qcs and 2-3% widely sctd vfg py; non mag.	< 0.005
A852953	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565783	5325535	350	4	Grab		1B		Silicified massive mafic flow; wkly rsty WS: dk gry FS; altered mafic comp with mod to strng sil and wk to mod ser, relic wk chl cb. Vfg and wkly shrd to massive; < 0.5% qs and 5-8% vfg dissem py and in local frac, <0.5% cp, non to wk mag.	< 0.005
A852954	Roach/Racicot	September 8, 2022	Map B4	NAD 83	17	565819	5325689	344	4	Grab		1K	SH	Silicfied mafic volcaniclastic; mod rsty brn WS and dk gy to grey FS; altered mafic comp with mod to strng sil flooding with wk to mod relic chl altn (cherty like). fg and wkly shrd. < 0.5% qcs; 15-25% fg to vfg dissem py with 5-7% py porphoblasts. Non to wk mag.	0.005
A852955	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565801	5325553	333	4	Grab		1B	SH	Shrd massive mafic flow; wk to mod rsty brn WS, and lt grn to gyish grn FS; alterd mafic comp with mod to stng sil flooding of matrix with assoc mod ser, vfg and wk to mod shrd, < 0.5% qs, 3-5% vfg dissem py asssoc with sil -ser altn, minor frac filling; non mag	< 0.005
A852956	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565799	5325548	332	4	Grab		1E	SH	wkly shrd mafic pillow flow; wkly rsty brn WS; light grey , grn and lite grn FS; alterd mafic comp with mod strg sil ser shr controlld; vfg and wk to (mod) shearing; < 1% qs, 5-10% vfg dissem py. Barely wk mag	< 0.005

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	Accuracy(m)	Sample Type	Interval Length (cm)	Litho 1	Litho 2	Description	Au (g/t)
A852957	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565774	5325601	333	4	Grab				Silicified Feldpasr prpy: lt gry grnish gry FS; alted felsic to intermed comp with mod to strng sil in matrix; with relic 10-20% fg ab phenocrysts giving relic porp text. < .5% qs, 2-4% vfg dissem py; non mag.	< 0.005
A852958	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565820	5325699	329	3	Grab		5A	1K	Chert/cherty mafic volcaniclastic ; wk to mod rsty brn WS; locally bleached dk gy to grnish gry FS; altered mafic comp with strng to intense sil flooding of matrix with wk to mod ser; vfg and wkly shrd.. < 0.5% qs ; 2-3% frac filled with lesser dissem py; non mag	< 0.005
A852959	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565857	5325688	331	3	Grab		5A		Chert; locally wk lite rsty WS; greenish gry to gry FS; sil comp with vfg microcrystallne qtz; wk to mod ser and local wk carb; vfg and laminated bedded. <0.5% qs, < 1% py; non mag	< 0.005
A852960														Standard - Oreas 17C (3.04 g/t Au)	3.05
A852961	Roach/Racicot	September 9, 2022	Map B4	NAD 83	17	565797	5325786	339	4	Grab		5B	5A	Silicate facies Fe Fm and chert; wk to mod rsty brn WS; dk gry FS; altered mafic comp with mod to strng sil bands alternating with mod to strg chl bands; vfg sheared band texture; < .5% qcs. 5% vfg to fg patchy dissem py, increase in py in chl and sil bands: strng mag	0.008

Humus Sample Descriptions and Gold Analyses

Sample Number	Sampler	Date	Zone/Area	Datum	UTM Zone	Easting	Northing	Elevation (m)	Sample Type	Depth	Color	Soil Texture	Organics (%)	Drainage (moisture)	Terrain	Slope/Facing	Vegetation	Other Comments	Au	Au
																			FA/AA (5 ppb)	INAA (1 ppb)
A852351	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566197	5326402	315	Humus	4	Black	Clay (>50%)/Loam	10	Moist	Moraine	Flat	White Spruce		50	22
A852352	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566194	5326390	316	Humus	3	Black	Clay (>50%)/Loam	25	Moist	Moraine	Flat	White Spruce & Deadfall	Poor humus	46	36
A852353	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566192	5326377	323	Humus	2	Black	Silt >50%	5 to 10	Dry	Moraine	Flat	White Spruce & Deadfall		44	32
A852354	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566193	5326363	324	Humus	<1	Black	Silt >50%	20 to 25	Dry	Moraine	Flat	White Spruce & Deadfall		55	39
A852355	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566184	5326345	327	Humus	<1	Black	Silt >50%	10 to 15	Dry	Hilly	20°/S	White Spruce & Deadfall	Beside trench - Green carbonate, quartz-ankerite vns & py	71	54
A852356	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566194	5326334	325	Humus	13	Black	Clay 100%	5	Wet	Swamp	Flat	Alder-Spruce	Base of S-facing-hill	31	6
A852357	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566194	5326325	325	Humus	12	Black	Clay 100%	5	Wet	Swamp	Flat	Alder-Spruce	Base of N-facing hill	38	10
A852358	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566198	5326313	329	Humus	4	Black	Silt >50%	10 to 15	Dry	Hilly	35°/N	White Spruce & Deadfall	Near 1B o/c	51	25
A852359	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566204	5326299	334	Humus	2	Black	Silt >50%	15 to 20	Dry	Hilly	50°/N	White Spruce & Deadfall	Top of N-facing hill - near bedrock	91	
A852360	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566196	5326285	329	Humus	2	Black	Silt >50%	15 to 20	Dry	Hilly	Flat	White Spruce & Deadfall	5% A-horizon	55	41
A852361	Roach/Racicot	September 10, 2022	Map A5	NAD 83	17	566193	5326272	330	Humus	2	Black	Silt >50%	20	Dry	Moraine	Flat	Deadfall &Tight White Spruce		35	45
A852362	Roach/Racicot	September 10, 2022	Map A5	Nad83	17	566185	5324260	328	Humus	8	Black	Clay >50%	15-Oct	Wet	Moraine	15°/S	Deadfall &Tight White Spruce	Near bedrock	43	36

APPENDIX 3

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-13465**
Report Date: **28-Oct-22**
Date Submitted: **20-Sep-22**
Your Reference: **Otto Gold (OG) Project - Canada Exploration**

PRODIGY GOLD
9600 Prototype ct.
Reno Nevada 89521
United States

ATTN: Stephen Roach

CERTIFICATE OF ANALYSIS

111 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-10g/m t Tbay	QOP AA-Au (Au - Fire Assay AA)	2022-09-25 12:29:23
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-10-21 08:23:04

REPORT **A22-13465**

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:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

SCC Accredited LAB
LAB Accrédité CCN
TM

LabID: 673

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	
DESCRIPTION	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
DETECTION	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	
A0852851	< 0.005	< 0.2	< 0.5	108	418	< 1	42	< 2	25	1.61	< 2	31	13	< 0.5	< 2	2.50	25	61	2.79	< 10	< 1	0.03	< 10	
A0852852	< 0.005	< 0.2	< 0.5	570	273	< 1	112	15	22	1.00	3	31	26	< 0.5	< 2	1.09	22	248	6.95	< 10	< 1	0.05	98	
A0852853	< 0.005	< 0.2	< 0.5	48	1100	< 1	20	< 2	52	2.32	< 2	33	15	1.6	< 2	1.71	24	31	6.31	10	< 1	0.05	< 10	
A0852854	< 0.005	< 0.2	< 0.5	35	141	< 1	13	8	13	0.13	< 2	37	< 10	< 0.5	< 2	0.38	15	19	4.23	< 10	< 1	0.06	< 10	
A0852855	0.019	0.3	< 0.5	139	280	1	112	8	127	1.11	43	25	< 10	< 0.5	3	0.32	46	106	18.4	< 10	< 1	0.05	< 10	
A0852856	0.012	< 0.2	< 0.5	29	102	2	20	8	149	0.26	10	36	38	< 0.5	< 2	0.12	6	42	3.43	< 10	< 1	0.08	< 10	
A0852857	0.008	0.2	< 0.5	433	601	2	47	7	178	2.30	58	32	< 10	< 0.5	< 2	0.28	48	39	7.58	10	< 1	0.03	< 10	
A0852858	< 0.005	< 0.2	< 0.5	86	690	< 1	57	< 2	39	1.93	< 2	31	14	< 0.5	< 2	3.57	24	151	4.04	< 10	< 1	0.09	< 10	
A0852859	< 0.005	< 0.2	< 0.5	63	790	< 1	36	< 2	46	2.35	< 2	31	23	< 0.5	< 2	1.35	22	93	4.45	< 10	< 1	0.06	< 10	
A0852860	0.328	< 0.2	< 0.5	49	702	2	125	< 2	65	1.62	126	26	106	< 0.5	< 2	1.29	30	46	5.05	< 10	< 1	0.06	13	
A0852861	0.011	0.7	< 0.5	2	293	5	42	4	8	0.08	< 2	34	12	< 0.5	< 2	0.17	9	53	1.14	< 10	< 1	< 0.01	< 10	
A0852862	< 0.005	< 0.2	< 0.5	94	538	1	57	< 2	34	1.70	< 2	29	18	< 0.5	< 2	2.11	22	103	3.38	< 10	< 1	0.05	< 10	
A0852863	< 0.005	< 0.2	< 0.5	41	858	1	483	< 2	30	1.36	2	34	62	< 0.5	< 2	0.81	41	1030	3.06	< 10	< 1	0.13	< 10	
A0852864	< 0.005	< 0.2	< 0.5	65	346	< 1	373	< 2	15	1.27	10	28	< 10	< 0.5	< 2	0.99	27	571	1.59	< 10	< 1	0.07	< 10	
A0852865	< 0.005	< 0.2	< 0.5	72	509	< 1	223	7	71	2.52	2	30	178	0.6	< 2	1.05	29	247	4.70	< 10	< 1	1.48	19	
A0852866	0.005	< 0.2	< 0.5	28	530	19	532	5	23	0.68	20	26	41	< 0.5	< 2	0.54	68	883	3.64	< 10	< 1	0.02	< 10	
A0852867	< 0.005	< 0.2	< 0.5	78	563	< 1	57	< 2	38	1.79	< 2	26	11	< 0.5	< 2	1.22	28	173	3.86	< 10	< 1	0.04	< 10	
A0852868	< 0.005	< 0.2	< 0.5	128	676	< 1	30	< 2	47	1.97	< 2	26	29	< 0.5	< 2	1.60	23	53	4.70	< 10	< 1	0.08	< 10	
A0852869	< 0.005	< 0.2	< 0.5	113	459	< 1	34	< 2	29	1.40	< 2	27	17	< 0.5	< 2	1.34	31	51	3.51	< 10	< 1	0.08	< 10	
A0852870	< 0.005	< 0.2	< 0.5	44	490	< 1	40	3	51	1.84	< 2	25	51	< 0.5	< 2	0.99	17	59	3.18	< 10	< 1	0.15	10	
A0852871	< 0.005	< 0.2	< 0.5	52	831	< 1	67	7	65	1.57	32	30	17	1.1	< 2	3.72	24	109	4.05	< 10	< 1	0.05	36	
A0852872	< 0.005	< 0.2	< 0.5	45	133	1	8	2	18	0.27	< 2	32	< 10	< 0.5	< 2	1.11	14	13	2.21	< 10	< 1	0.02	17	
A0852873	< 0.005	< 0.2	< 0.5	105	1080	< 1	103	< 2	66	1.97	14	28	98	< 0.5	< 2	5.69	36	173	4.83	< 10	< 1	0.22	< 10	
A0852874	< 0.005	< 0.2	< 0.5	75	434	4	91	5	31	1.10	3	28	14	< 0.5	< 2	1.30	27	263	3.47	< 10	< 1	0.04	15	
A0852875	< 0.005	< 0.2	< 0.5	20	563	< 1	84	< 2	43	1.69	< 2	28	< 10	< 0.5	< 2	1.19	31	199	3.80	< 10	< 1	0.04	< 10	
A0852876	< 0.005	< 0.2	< 0.5	90	337	< 1	94	< 2	23	1.13	< 2	29	17	< 0.5	< 2	0.90	39	220	3.02	< 10	< 1	0.02	< 10	
A0852877	< 0.005	< 0.2	< 0.5	145	519	4	39	< 2	44	1.66	< 2	30	< 10	< 0.5	< 2	1.15	35	42	5.56	< 10	< 1	0.04	< 10	
A0852878	< 0.005	< 0.2	< 0.5	381	879	< 1	77	< 2	58	2.85	< 2	26	19	< 0.5	< 2	2.18	53	47	7.89	< 10	< 1	0.10	< 10	
A0852879	< 0.005	< 0.2	< 0.5	74	913	< 1	40	< 2	37	1.99	< 2	31	19	< 0.5	< 2	1.94	22	105	4.62	< 10	< 1	0.04	< 10	
A0852880	3.03																							
A0852881	< 0.005	< 0.2	< 0.5	52	1110	< 1	82	< 2	92	1.61	< 2	26	61	< 0.5	< 2	3.09	41	132	3.83	< 10	< 1	0.30	< 10	
A0852882	0.015	0.4	< 0.5	269	613	< 1	179	11	92	2.40	128	22	< 10	< 0.5	4	0.64	59	129	17.4	< 10	< 1	0.12	< 10	
A0852883	< 0.005	< 0.2	< 0.5	91	224	< 1	14	< 2	56	0.25	11	32	25	< 0.5	< 2	0.61	10	11	1.75	< 10	< 1	0.03	< 10	
A0852884	< 0.005	< 0.2	< 0.5	63	986	< 1	197	< 2	69	3.13	< 2	25	47	< 0.5	< 2	5.50	35	118	4.88	< 10	< 1	0.21	< 10	
A0852885	< 0.005	< 0.2	< 0.5	82	793	4	105	4	94	1.07	< 2	30	17	< 0.5	< 2	2.61	40	74	6.13	< 10	< 1	0.03	14	
A0852886	< 0.005	< 0.2	< 0.5	176	432	< 1	35	< 2	56	2.58	< 2	31	19	< 0.5	< 2	0.96	22	67	6.59	< 10	< 1	0.16	< 10	
A0852887	< 0.005	< 0.2	< 0.5	118	1390	3	89	< 2	75	1.87	< 2	31	30	< 0.5	< 2	3.82	50	208	5.39	< 10	< 1	0.14	< 10	
A0852888	< 0.005	< 0.2	< 0.5	23	795	< 1	41	9	63	0.52	< 2	32	20	< 0.5	< 2	3.04	17	54	3.22	< 10	< 1	0.07	19	
A0852889	< 0.005	< 0.2	< 0.5	89	1640	< 1	47	2	48	0.28	< 2	32	25	< 0.5	< 2	4.99	31	37	6.50	< 10	< 1	0.08	< 10	
A0852890	< 0.005	< 0.2	< 0.5	46	504	< 1	41	2	51	1.73	< 2	30	42	< 0.5	< 2	0.96	18	60	3.22	< 10	< 1	0.16	< 10	
A0852891	< 0.005	< 0.2	< 0.5	525	954	< 1	45	< 2	50	2.17	< 2	30	21	< 0.5	< 2	2.29	32	44	6.10	< 10	< 1	0.07	< 10	
A0852892	< 0.005	< 0.2	< 0.5	132	909	< 1	33	7	66	3.32	4	32	15	< 0.5	< 2	1.75	25	58	8.04	< 10	1	0.08	< 10	
A0852893	< 0.005	< 0.2	< 0.5	71	498	< 1	28	< 2	41	1.71	2	33	11	< 0.5	< 2	1.50	20	27	3.74	< 10	< 1	0.03	< 10	
A0852894	< 0.005	0.3	1.0	246	364	2	22	8	346	1.22	4	30	< 10	< 0.5	< 2	0.46	16	49	3.61	< 10	< 1	0.03	< 10	
A0852895	< 0.005	< 0.2	< 0.5	243	654	< 1	38	< 2	50	2.23	3	27	< 10	< 0.5	< 2	0.94	38	68	5.00	< 10	< 1	0.05	< 10	
A0852896	< 0.005	< 0.2	< 0.5	84	393	9	18	11	251	1.40	6	28	150	< 0.5	< 2	0.68	13	26	2.77	< 10	< 1	0.25	10	
A0852897	< 0.005	< 0.2	< 0.5	75	492	< 1	32	< 2	29	1.08	< 2	30	< 10	< 0.5	< 2	1.66	26	160	3.11	< 10	< 1	0.03	< 10	
A0852898	< 0.005	< 0.2	< 0.5	127	373	< 1	95	< 2	54	1.77	< 2	25	15	< 0.5	< 2	0.60	28	318	4.02	< 10	< 1	0.05	< 10	
A0852899	< 0.005	< 0.2	< 0.5	104	1370	< 1	39	< 2	68	4.09	< 2	25	13	< 0.5	< 2	3.06	30	57	10.4	< 10	1	0.03	< 10	
A0852900	0.960	< 0.2	< 0.5	63	1030	2	131	4	71	1.48	405	28	74	< 0.5	< 2	1.28	30	45	5.83	< 10	< 1	0.07	14	
A0852901	< 0.005	< 0.2	< 0.5	99	1180	2	95	3	72	1.82	3	29	32	< 0.5	2	5.15	40	124	7.12	< 10	< 1	0.09	< 10	
A0852902	< 0.005	< 0.2	< 0.5	61	1110	3	80	4	70	0.67	< 2	30	50	< 0.5	< 2	2.87	29	164	2.97	< 10	< 1	0.13	< 10	
A0852903	< 0.005	< 0.2	< 0.5	95	1190	< 1	87	2	115	1.93	< 2	32	65	< 0.5	< 2	3.01	35	271	4.35	< 10	< 1	0.30	< 10	
A0852904	< 0.005	< 0.2	< 0.5	74	1580	9	71	2	94	0.80	< 2	26	28	< 0.5	< 2	3.96	39	136	3.94	< 10	< 1	0.22	< 10	
A0852905	< 0.005	< 0.2	< 0.5	55	1360	2	61	3	74	0.67	< 2	27	52	< 0.5	< 2	4.16	32	78	3.80	< 10	< 1	0.19	< 10	
A0852906	< 0.005	< 0.2	< 0.5	120	598	< 1	71	< 2	44	1.96	< 2	29	58	< 0.5	< 2	1.54	41	45	4.49	< 10	< 1	0.14	< 10	
A0852907	< 0.005	< 0.2	< 0.5	129	730	1	49	2	80	2.67	< 2	32	116	< 0.5	< 2	1.53	35	72	6.39	10	< 1	0.14	< 10	
A0852908	< 0.005	< 0.2	< 0.5	25	461	1	29	< 2	36	1.81	4	32	< 10	< 0.5	< 2	2.14	20	66	3.20	< 10	< 1	0.02	< 10	

	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	
DESCRIPTION	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
DETECTION	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	
A0852909	< 0.005	< 0.2	< 0.5	45	452	1	106	< 2	26	1.69	3	30	38	< 0.5	< 2	1.84	20	240	2.23	< 10	< 1	0.05	< 10	
A0852910	< 0.005	< 0.2	< 0.5	41	522	< 1	40	< 2	48	1.92	< 2	31	55	< 0.5	< 2	1.38	17	69	3.26	< 10	< 1	0.21	< 10	
A0852911	< 0.005	< 0.2	< 0.5	133	1430	< 1	86	< 2	106	2.26	2	33	52	< 0.5	< 2	3.35	50	111	6.28	< 10	< 1	0.30	< 10	
A0852912	< 0.005	< 0.2	< 0.5	18	2260	< 1	84	< 2	69	1.85	< 2	31	90	< 0.5	< 2	3.73	35	118	6.45	< 10	< 1	0.17	< 10	
A0852913	< 0.005	< 0.2	< 0.5	82	725	< 1	83	< 2	69	2.34	< 2	30	170	< 0.5	< 2	3.32	40	222	3.96	< 10	< 1	0.37	< 10	
A0852914	< 0.005	< 0.2	< 0.5	20	1640	< 1	182	3	85	2.09	3	30	33	< 0.5	4	4.20	36	443	5.96	< 10	< 1	0.14	< 10	
A0852915	< 0.005	< 0.2	< 0.5	50	491	< 1	6	2	78	1.18	3	36	19	< 0.5	< 2	0.87	8	14	4.56	< 10	< 1	0.07	< 10	
A0852916	< 0.005	< 0.2	< 0.5	14	591	< 1	13	3	71	1.49	< 2	35	31	< 0.5	< 2	1.31	11	26	2.94	< 10	< 1	0.14	10	
A0852917	0.010	< 0.2	< 0.5	29	117	< 1	1	< 2	11	0.24	3	30	< 10	0.6	3	0.48	< 1	8	10.3	< 10	< 1	0.04	< 10	
A0852918	< 0.005	< 0.2	< 0.5	27	996	< 1	25	< 2	75	2.53	< 2	35	112	< 0.5	< 2	1.27	20	14	5.41	10	< 1	0.44	14	
A0852919	0.007	< 0.2	3.4	162	615	2	98	7	1090	2.02	28	36	27	< 0.5	< 2	1.59	39	137	4.15	< 10	< 1	0.08	< 10	
A0852920	7.16																							
A0852921	< 0.005	< 0.2	< 0.5	15	995	7	79	< 2	42	1.47	5	32	< 10	< 0.5	< 2	2.06	25	95	4.89	< 10	< 1	0.03	< 10	
A0852922	0.005	< 0.2	< 0.5	365	698	< 1	53	3	89	2.42	< 2	32	12	< 0.5	< 2	1.52	51	72	6.76	< 10	< 1	0.04	< 10	
A0852923	0.031	0.3	< 0.5	113	398	8	41	11	143	0.89	6	32	< 10	< 0.5	< 2	0.21	33	47	6.02	< 10	< 1	0.22	< 10	
A0852924	< 0.005	< 0.2	< 0.5	48	530	< 1	147	< 2	157	1.64	< 2	34	16	< 0.5	< 2	1.41	60	181	7.15	< 10	< 1	0.20	14	
A0852925	< 0.005	< 0.2	< 0.5	16	681	8	8	< 2	20	0.11	3	31	< 10	< 0.5	< 2	0.13	6	24	3.41	< 10	< 1	< 0.01	< 10	
A0852926	< 0.005	< 0.2	< 0.5	34	2810	1	116	5	127	2.09	< 2	29	38	< 0.5	< 2	2.24	39	148	6.92	< 10	< 1	0.20	18	
A0852927	< 0.005	< 0.2	< 0.5	50	621	< 1	43	4	26	0.98	< 2	35	37	< 0.5	< 2	2.73	11	79	1.40	< 10	< 1	0.10	13	
A0852928	0.008	< 0.2	< 0.5	38	147	1	2	< 2	176	0.30	20	33	< 10	0.6	2	0.45	2	28	6.60	< 10	< 1	0.03	< 10	
A0852929	< 0.005	< 0.2	< 0.5	60	610	< 1	169	< 2	46	1.94	< 2	33	43	< 0.5	< 2	2.22	28	371	3.62	< 10	< 1	0.21	14	
A0852930	< 0.005	< 0.2	< 0.5	81	488	< 1	48	< 2	71	1.94	2	36	51	< 0.5	< 2	1.07	18	72	3.60	< 10	< 1	0.20	11	
A0852931	< 0.005	< 0.2	< 0.5	35	296	< 1	35	< 2	56	0.87	8	33	35	< 0.5	< 2	1.48	9	78	3.51	< 10	< 1	0.12	11	
A0852932	< 0.005	< 0.2	< 0.5	41	911	2	21	2	52	1.28	< 2	35	403	< 0.5	< 2	0.36	8	103	4.79	< 10	< 1	0.67	< 10	
A0852933	< 0.005	< 0.2	< 0.5	26	1150	< 1	13	< 2	69	3.34	< 2	32	123	< 0.5	< 2	1.77	17	22	10.1	10	< 1	0.29	< 10	
A0852934	< 0.005	< 0.2	< 0.5	99	279	< 1	117	< 2	57	1.02	< 2	41	42	< 0.5	< 2	0.61	28	116	3.85	< 10	< 1	0.24	< 10	
A0852935	< 0.005	< 0.2	< 0.5	56	399	1	83	19	63	1.28	4	36	41	< 0.5	< 2	0.60	24	138	3.38	< 10	< 1	0.28	10	
A0852936	< 0.005	< 0.2	< 0.5	317	422	2	11	< 2	104	1.30	2	37	< 10	< 0.5	< 2	1.91	13	23	5.96	< 10	< 1	0.05	< 10	
A0852937	0.013	< 0.2	< 0.5	105	424	< 1	18	4	33	1.80	< 2	28	< 10	< 0.5	< 2	2.11	26	28	4.03	< 10	< 1	0.03	< 10	
A0852938	< 0.005	< 0.2	< 0.5	37	606	2	29	4	32	1.10	< 2	31	31	< 0.5	< 2	2.77	12	30	1.44	< 10	< 1	0.12	10	
A0852939	0.011	0.2	0.6	127	582	2	30	12	288	1.49	3	35	24	< 0.5	< 2	1.21	31	46	5.07	< 10	< 1	0.15	< 10	
A0852940	0.333	< 0.2	< 0.5	48	678	2	122	< 2	67	1.59	127	33	100	< 0.5	< 2	1.23	31	46	5.02	< 10	< 1	0.06	14	
A0852941	0.024	0.5	< 0.5	229	298	6	3	5	83	0.32	< 2	33	< 10	< 0.5	< 2	0.27	2	25	2.48	< 10	< 1	0.03	< 10	
A0852942	< 0.005	< 0.2	< 0.5	43	375	1	32	3	31	0.77	3	33	21	< 0.5	< 2	0.90	12	57	2.48	< 10	< 1	0.15	< 10	
A0852943	< 0.005	< 0.2	< 0.5	108	683	< 1	35	< 2	14	0.93	2	25	30	< 0.5	< 2	3.34	9	95	12.6	< 10	< 1	0.07	< 10	
A0852944	0.031	< 0.2	< 0.5	23	248	1	16	7	21	0.34	< 2	39	788	< 0.5	< 2	0.60	5	34	1.13	< 10	< 1	0.13	13	
A0852945	< 0.005	< 0.2	< 0.5	333	326	< 1	105	< 2	34	0.80	< 2	35	23	< 0.5	< 2	1.20	24	142	5.25	< 10	< 1	0.07	< 10	
A0852946	< 0.005	< 0.2	< 0.5	116	185	< 1	13	< 2	11	0.02	< 2	38	< 10	< 0.5	2	0.48	2	4	7.50	< 10	< 1	< 0.01	< 10	
A0852947	0.005	< 0.2	< 0.5	53	452	< 1	8	9	52	1.42	2	36	37	< 0.5	< 2	0.45	7	17	5.02	< 10	< 1	0.34	< 10	
A0852948	< 0.005	< 0.2	< 0.5	697	1310	< 1	33	2	121	4.22	< 2	30	13	< 0.5	< 2	1.47	24	3	12.2	< 10	1	0.08	< 10	
A0852949	< 0.005	< 0.2	< 0.5	238	314	3	28	3	56	1.33	< 2	35	50	< 0.5	< 2	0.53	46	39	4.40	< 10	< 1	0.24	< 10	
A0852950	< 0.005	< 0.2	< 0.5	44	516	< 1	40	< 2	56	2.08	< 2	37	52	< 0.5	< 2	1.16	18	61	3.54	< 10	< 1	0.21	11	
A0852951	< 0.005	< 0.2	< 0.5	23	387	< 1	46	< 2	27	1.89	< 2	31	13	< 0.5	< 2	1.80	16	214	2.21	< 10	< 1	0.04	< 10	
A0852952	< 0.005	< 0.2	< 0.5	61	683	2	253	4	40	2.16	< 2	38	62	< 0.5	< 2	1.45	44	607	4.82	< 10	< 1	0.23	15	
A0852953	< 0.005	< 0.2	< 0.5	58	385	2	133	< 2	80	2.04	< 2	36	29	< 0.5	2	0.63	29	254	4.10	< 10	< 1	0.97	< 10	
A0852954	0.005	0.6	< 0.5	80	413	3	22	15	52	1.96	30	30	< 10	< 0.5	4	0.12	13	76	10.9	< 10	< 1	0.10	< 10	
A0852955	< 0.005	< 0.2	< 0.5	39	284	2	87	7	24	1.14	4	37	32	< 0.5	< 2	1.20	18	124	3.93	< 10	< 1	0.07	14	
A0852956	< 0.005	< 0.2	< 0.5	127	715	< 1	36	9	12	0.78	3	26	29	< 0.5	< 2	3.67	10	156	7.63	< 10	< 1	0.10	20	
A0852957	< 0.005	< 0.2	< 0.5	12	303	< 1	26	3	42	1.16	< 2	39	84	< 0.5	< 2	0.57	10	64	2.49	< 10	< 1	0.45	15	
A0852958	< 0.005	< 0.2	< 0.5	12	319	1	4	3	17	0.15	4	27	22	< 0.5	< 2	1.12	2	25	4.23	< 10	< 1	0.03	< 10	
A0852959	< 0.005	< 0.2	< 0.5	39	668	< 1	26	49	142	1.51	< 2	38	22	< 0.5	< 2	0.54	11	33	3.60	< 10	< 1	0.24	< 10	
A0852960	3.05																							
A0852961	0.008	< 0.2	< 0.5	424	350	1	66	< 2	11	0.05	< 2	35	< 10	< 0.5	< 2	0.49	28	15	6.06	< 10	< 1	< 0.01	< 10	
GXR-6		0.2	< 0.5	70	1120	< 1	23	101	124	6.87	240	32	767	1.0	< 2	0.12	14	79	5.69	20	1	0.98	< 10	
GXR-6		0.3	< 0.5	70	1090	< 1	23	99	122	6.79	243	33	757	1.0	< 2	0.12	13	78	5.62	20	< 1	0.97	< 10	
GXR-6		0.2	< 0.5	71	1080	1	23	98	127	7.09	240	34	741	1.0	< 2	0.12	14	80	5.91	20	2	1.00	< 10	
OREAS 98 (Aqua Regia)		40.6		> 10000				267	1160						15		109							

	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
DESCRIPTION	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
DETECTION	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
OREAS 922 (AQUA REGIA)		0.7	< 0.5	2290	798	< 1	34	62	253	2.78	3		73	0.8	7	0.36	20	43	5.25	< 10		0.38	33
OREAS 922 (AQUA REGIA)		1.6	< 0.5	2310	798	< 1	35	62	251	2.80	5		76	0.8	7	0.37	20	44	5.26	< 10		0.39	34
OREAS 922 (AQUA REGIA)		0.6	< 0.5	2260	775	< 1	33	62	267	2.83	5		71	0.8	10	0.36	20	47	5.29	< 10		0.39	34
OREAS 923 (AQUA REGIA)		1.6	< 0.5	4470	904	< 1	31	85	335	2.79	7		59	0.7	13	0.37	22	41	5.95	< 10		0.32	31
OREAS 923 (AQUA REGIA)		1.4	< 0.5	4640	932	< 1	34	93	340	2.88	5		63	0.8	14	0.38	22	42	6.17	< 10		0.34	32
OREAS 923 (AQUA REGIA)		4.1	< 0.5	4400	860	< 1	32	86	326	2.80	5		55	0.7	14	0.35	22	41	5.93	< 10		0.32	31
Oreas 96 (Aqua Regia)		11.0		> 10000				92	408						9		49						
Oreas 96 (Aqua Regia)		11.1		> 10000				94	408						3		49						
Oreas 96 (Aqua Regia)		11.0		> 10000				88	414						16		48						
OREAS 45f (Aqua Regia)				364	180	1	237	8	25	6.75			153	1.2	< 2	0.07	41	359	14.1	20	2	0.09	< 10
OREAS 45f (Aqua Regia)				363	178	< 1	232	9	25	6.80			151	1.2	2	0.07	40	352	14.1	20	< 1	0.09	< 10
OREAS 45f (Aqua Regia)				363	168	< 1	232	7	25	6.82			142	1.2	< 2	0.06	40	357	14.4	20	< 1	0.09	< 10
OREAS 238 (Fire Assay)	2.99																						
OREAS 238 (Fire Assay)	3.05																						
OREAS 238 (Fire Assay)	3.09																						
OREAS 238 (Fire Assay)	3.02																						
OREAS 238 (Fire Assay)	2.98																						
OREAS 238 (Fire Assay)	3.03																						
Oreas E1336 (Fire Assay)	0.501																						
Oreas E1336 (Fire Assay)	0.516																						
Oreas E1336 (Fire Assay)	0.507																						
Oreas E1336 (Fire Assay)	0.492																						
Oreas E1336 (Fire Assay)	0.513																						
Oreas 620 (Aqua Regia)		41.4	162	1890	458	8	16	> 5000	> 10000	1.23	51		< 10	0.7	< 2	1.27	14	17	2.69	< 10	2	0.28	25
Oreas 620 (Aqua Regia)		40.9	163	2020	454	7	13	> 5000	> 10000	1.22	50		< 10	0.7	< 2	1.26	14	17	2.69	< 10	2	0.28	25
Oreas 620 (Aqua Regia)		41.3	163	1800	448	8	12	> 5000	> 10000	1.26	50		< 10	0.7	3	1.24	14	18	2.69	< 10	2	0.28	24
A0852853 Orig		< 0.2	< 0.5	48	1100	< 1	20	< 2	52	2.32	< 2	33	15	1.6	< 2	1.71	24	31	6.31	10	< 1	0.05	< 10
A0852853 Dup		< 0.2	< 0.5	45	1090	< 1	22	< 2	51	2.26	< 2	37	14	1.6	< 2	1.69	24	31	6.20	10	< 1	0.05	< 10
A0852859 Orig	< 0.005																						
A0852859 Dup	< 0.005																						
A0852866 Orig	0.005																						
A0852866 Dup	0.009																						
A0852875 Orig	< 0.005																						
A0852875 Dup	< 0.005																						
A0852876 Orig		< 0.2	< 0.5	90	337	< 1	94	< 2	23	1.13	< 2	29	17	< 0.5	< 2	0.90	39	220	3.02	< 10	< 1	0.02	< 10
A0852876 Dup		< 0.2	< 0.5	92	342	< 1	95	< 2	24	1.15	< 2	27	17	< 0.5	< 2	0.91	38	224	3.04	< 10	< 1	0.02	< 10
A0852881 Orig		< 0.2	< 0.5	52	1110	< 1	82	< 2	92	1.61	< 2	26	61	< 0.5	< 2	3.09	41	132	3.83	< 10	< 1	0.30	< 10
A0852881 Dup		< 0.2	< 0.5	50	1090	< 1	81	< 2	91	1.61	< 2	26	60	< 0.5	< 2	3.03	40	132	3.78	< 10	< 1	0.30	< 10
A0852890 Orig	< 0.005	< 0.2	< 0.5	46	504	< 1	41	2	51	1.73	< 2	30	42	< 0.5	< 2	0.96	18	60	3.22	< 10	< 1	0.16	< 10

	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
DESCRIPTION	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
DETECTION	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
A0852890 Dup	< 0.005	< 0.2	< 0.5	51	502	< 1	42	2	51	1.72	< 2	30	41	< 0.5	< 2	0.95	18	60	3.16	< 10	< 1	0.16	14
A0852898 Orig	< 0.005																						
A0852898 Dup	< 0.005																						
A0852899 Split OrigPREP DUP	< 0.005	< 0.2	< 0.5	104	1370	< 1	39	< 2	68	4.09	< 2	25	13	< 0.5	< 2	3.06	30	57	10.4	< 10	1	0.03	< 10
A0852899 SplitPREP DUP	< 0.005	< 0.2	< 0.5	101	1340	< 1	39	< 2	68	4.03	< 2	31	12	< 0.5	< 2	3.02	29	56	10.2	< 10	< 1	0.03	< 10
A0852901 Orig	< 0.005																						
A0852901 Dup	< 0.005																						
A0852902 Orig		< 0.2	< 0.5	61	1110	3	80	4	70	0.67	< 2	30	50	< 0.5	< 2	2.87	29	164	2.97	< 10	< 1	0.13	< 10
A0852902 Dup		< 0.2	< 0.5	60	1090	3	83	4	71	0.65	< 2	32	49	< 0.5	< 2	2.84	28	163	2.94	< 10	< 1	0.13	< 10
A0852916 Orig		< 0.2	< 0.5	14	591	< 1	13	3	71	1.49	< 2	35	31	< 0.5	< 2	1.31	11	26	2.94	< 10	< 1	0.14	10
A0852916 Dup		< 0.2	< 0.5	14	596	< 1	12	< 2	71	1.50	< 2	38	32	< 0.5	< 2	1.32	11	26	2.99	< 10	< 1	0.15	11
A0852921 Orig		< 0.2	< 0.5	15	995	7	79	< 2	42	1.47	5	32	< 10	< 0.5	< 2	2.06	25	95	4.89	< 10	< 1	0.03	< 10
A0852921 Dup		< 0.2	< 0.5	14	1010	7	82	< 2	43	1.48	4	32	< 10	< 0.5	2	2.08	24	98	4.93	< 10	< 1	0.03	< 10
A0852927 Orig	< 0.005																						
A0852927 Dup	< 0.005																						
A0852932 Orig		< 0.2	< 0.5	41	911	2	21	2	52	1.28	< 2	35	403	< 0.5	< 2	0.36	8	103	4.79	< 10	< 1	0.67	< 10
A0852932 Dup		< 0.2	< 0.5	41	913	3	21	< 2	53	1.29	< 2	37	428	< 0.5	< 2	0.36	8	104	4.81	< 10	< 1	0.68	< 10
A0852942 Orig	< 0.005																						
A0852942 Dup	< 0.005																						
A0852946 Orig		< 0.2	< 0.5	116	185	< 1	13	< 2	11	0.02	< 2	38	< 10	< 0.5	2	0.48	2	4	7.50	< 10	< 1	< 0.01	< 10
A0852946 Dup		< 0.2	< 0.5	115	188	< 1	13	< 2	10	0.02	< 2	36	< 10	< 0.5	< 2	0.49	2	4	7.56	< 10	< 1	< 0.01	< 10
A0852951 Split OrigPREP DUP	< 0.005	< 0.2	< 0.5	23	387	< 1	46	< 2	27	1.89	< 2	31	13	< 0.5	< 2	1.80	16	214	2.21	< 10	< 1	0.04	< 10
A0852951 SplitPREP DUP	< 0.005	< 0.2	< 0.5	25	405	< 1	49	< 2	35	1.91	< 2	32	14	< 0.5	< 2	1.78	17	222	2.31	< 10	< 1	0.04	< 10
A0852952 Orig	< 0.005																						
A0852952 Dup	< 0.005																						
A0852955 Orig	< 0.005																						
A0852955 Dup	< 0.005																						
A0852958 Orig		< 0.2	< 0.5	12	319	1	4	3	17	0.15	4	27	22	< 0.5	< 2	1.12	2	25	4.23	< 10	< 1	0.03	< 10
A0852958 Dup		< 0.2	< 0.5	12	317	1	5	3	17	0.15	4	29	22	< 0.5	< 2	1.12	2	24	4.21	< 10	< 1	0.03	< 10
A0852959 Orig	< 0.005																						
A0852959 Dup	< 0.005																						
A0852961 Split OrigPREP DUP	0.008	< 0.2	< 0.5	424	350	1	66	< 2	11	0.05	< 2	35	< 10	< 0.5	< 2	0.49	28	15	6.06	< 10	< 1	< 0.01	< 10
A0852961 SplitPREP DUP	< 0.005	< 0.2	< 0.5	394	352	< 1	64	2	11	0.05	< 2	31	< 10	< 0.5	< 2	0.49	28	14	6.09	< 10	< 1	< 0.01	< 10
A0852961 Orig		< 0.2	< 0.5	424	350	1	66	< 2	11	0.05	< 2	35	< 10	< 0.5	< 2	0.49	28	15	6.06	< 10	< 1	< 0.01	< 10
A0852961 Dup		< 0.2	< 0.5	421	355	< 1	66	< 2	11	0.05	< 2	32	< 10	< 0.5	3	0.50	29	16	6.14	< 10	< 1	< 0.01	< 10

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
A0852851	0.93	0.048	0.026	0.41	2	5	169	0.32	< 20	1	< 2	< 10	74	< 10	7	3
A0852852	1.48	0.045	0.277	2.08	4	2	64	0.28	40	2	< 2	< 10	94	< 10	28	7
A0852853	1.77	0.225	0.043	0.23	2	16	44	0.37	< 20	6	< 2	< 10	183	< 10	11	6
A0852854	0.24	0.090	0.033	3.24	< 2	2	15	0.29	< 20	1	< 2	< 10	25	< 10	4	22
A0852855	0.91	0.036	0.044	> 20.0	6	4	9	0.20	< 20	< 1	< 2	< 10	54	< 10	4	15
A0852856	0.18	0.069	0.018	1.34	< 2	1	12	0.15	< 20	< 1	< 2	< 10	24	< 10	2	11
A0852857	1.80	0.036	0.040	3.12	3	8	10	0.13	< 20	< 1	< 2	< 10	59	< 10	5	18
A0852858	1.51	0.092	0.032	0.12	2	8	35	0.28	< 20	4	< 2	< 10	83	< 10	7	3
A0852859	2.04	0.092	0.039	0.02	< 2	8	31	0.28	< 20	3	< 2	< 10	94	< 10	9	3
A0852860	2.23	0.355	0.118	0.22	3	3	92	0.21	< 20	2	< 2	< 10	32	< 10	11	3
A0852861	0.15	0.040	0.002	0.45	< 2	2	7	< 0.01	< 20	2	< 2	< 10	8	< 10	< 1	< 1
A0852862	1.47	0.069	0.025	0.18	< 2	6	148	0.29	< 20	< 1	< 2	< 10	86	< 10	7	3
A0852863	1.07	0.080	0.012	0.05	6	8	8	0.18	< 20	4	< 2	< 10	68	< 10	3	2
A0852864	1.18	0.045	0.011	0.01	3	3	34	0.13	< 20	1	< 2	< 10	27	< 10	3	1

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
A0852865	2.45	0.036	0.182	0.30	3	3	123	0.29	< 20	< 1	< 2	< 10	98	< 10	8	13
A0852866	0.77	0.062	0.019	0.62	4	4	16	0.24	< 20	3	< 2	< 10	68	< 10	3	5
A0852867	1.72	0.121	0.017	0.19	2	8	40	0.21	< 20	< 1	< 2	< 10	81	< 10	6	3
A0852868	1.35	0.147	0.033	0.28	< 2	10	10	0.25	< 20	6	< 2	< 10	100	< 10	7	3
A0852869	1.39	0.094	0.022	0.63	< 2	6	21	0.18	< 20	2	< 2	< 10	78	< 10	5	2
A0852870	1.15	0.057	0.045	0.08	< 2	4	45	0.21	< 20	7	< 2	< 10	57	< 10	4	7
A0852871	1.38	0.134	0.065	0.70	2	7	108	0.20	< 20	4	< 2	< 10	89	< 10	13	9
A0852872	0.23	0.076	0.092	0.58	< 2	2	16	0.36	< 20	3	< 2	< 10	46	< 10	11	19
A0852873	0.99	0.079	0.029	0.35	2	13	33	0.24	< 20	2	< 2	< 10	149	< 10	7	2
A0852874	1.65	0.056	0.072	1.41	3	3	31	0.17	< 20	2	< 2	< 10	58	< 10	7	6
A0852875	2.13	0.120	0.014	0.39	< 2	7	17	0.17	< 20	< 1	< 2	< 10	74	< 10	5	2
A0852876	1.28	0.050	0.017	0.88	< 2	3	21	0.23	< 20	5	< 2	< 10	55	< 10	5	3
A0852877	1.43	0.115	0.043	1.09	< 2	9	16	0.31	< 20	2	< 2	< 10	119	< 10	10	3
A0852878	1.25	0.173	0.039	1.45	3	16	37	0.20	< 20	< 1	< 2	< 10	136	< 10	9	6
A0852879	1.34	0.145	0.036	0.21	2	9	29	0.25	< 20	< 1	< 2	< 10	78	< 10	8	3
A0852880																
A0852881	2.49	0.022	0.045	0.10	2	16	47	< 0.01	< 20	< 1	< 2	< 10	60	< 10	4	1
A0852882	2.18	0.020	0.024	12.3	9	14	6	0.01	< 20	< 1	< 2	< 10	110	< 10	2	8
A0852883	0.12	0.023	0.025	0.24	< 2	2	7	0.02	< 20	< 1	< 2	< 10	17	< 10	3	2
A0852884	3.76	0.021	0.014	0.20	4	9	169	< 0.01	< 20	< 1	< 2	< 10	55	< 10	2	2
A0852885	1.33	0.062	0.100	1.87	2	10	56	0.46	< 20	2	< 2	< 10	129	< 10	10	18
A0852886	1.04	0.098	0.051	0.39	3	16	29	0.30	< 20	2	< 2	< 10	168	< 10	7	3
A0852887	3.53	0.035	0.045	0.74	5	21	75	< 0.01	< 20	< 1	< 2	< 10	80	< 10	3	2
A0852888	1.56	0.049	0.094	0.89	3	6	70	< 0.01	< 20	< 1	< 2	< 10	30	< 10	5	2
A0852889	1.73	0.040	0.036	1.76	4	16	79	0.02	< 20	< 1	< 2	< 10	114	< 10	4	3
A0852890	1.13	0.042	0.044	0.05	< 2	4	38	0.19	< 20	3	< 2	< 10	60	< 10	4	7
A0852891	1.05	0.122	0.031	0.62	2	13	9	0.20	< 20	< 1	< 2	< 10	100	< 10	7	3
A0852892	1.73	0.188	0.036	0.21	3	18	12	0.27	< 20	< 1	< 2	< 10	164	< 10	7	3
A0852893	1.08	0.085	0.033	0.09	< 2	7	34	0.28	< 20	3	< 2	< 10	99	< 10	9	3
A0852894	0.84	0.020	0.021	0.72	< 2	3	8	0.07	< 20	< 1	< 2	< 10	35	< 10	3	5
A0852895	1.90	0.099	0.021	0.57	2	6	16	0.27	< 20	< 1	< 2	< 10	91	< 10	6	2
A0852896	0.72	0.046	0.083	0.21	< 2	5	15	0.19	< 20	3	< 2	< 10	35	< 10	7	3
A0852897	1.16	0.092	0.019	0.55	< 2	6	30	0.27	< 20	3	< 2	< 10	72	< 10	7	3
A0852898	1.80	0.070	0.025	0.52	3	5	6	0.28	< 20	3	< 2	< 10	66	< 10	6	5
A0852899	2.30	0.132	0.034	0.24	4	17	25	0.24	< 20	< 1	< 2	< 10	167	< 10	9	3
A0852900	2.28	0.303	0.141	0.66	3	3	83	0.16	< 20	4	< 2	< 10	36	< 10	10	3
A0852901	2.77	0.034	0.023	1.51	4	23	100	0.03	< 20	< 1	< 2	< 10	171	< 10	4	4
A0852902	1.76	0.042	0.030	0.27	2	14	74	< 0.01	< 20	< 1	< 2	< 10	34	< 10	3	4
A0852903	2.96	0.032	0.039	0.06	4	21	54	< 0.01	< 20	< 1	< 2	< 10	77	< 10	4	2
A0852904	1.93	0.043	0.033	0.99	< 2	13	50	< 0.01	< 20	< 1	< 2	< 10	42	< 10	5	2
A0852905	2.17	0.053	0.069	0.70	3	16	69	< 0.01	< 20	< 1	< 2	< 10	48	< 10	4	2
A0852906	1.33	0.141	0.034	0.19	2	15	33	0.30	< 20	< 1	< 2	< 10	149	< 10	8	2
A0852907	2.13	0.163	0.041	0.26	3	16	41	0.34	< 20	2	< 2	< 10	164	< 10	10	4
A0852908	1.06	0.065	0.015	0.11	< 2	6	6	0.16	< 20	< 1	< 2	< 10	74	< 10	4	1
A0852909	1.22	0.030	0.014	0.06	< 2	5	21	0.22	< 20	2	< 2	< 10	54	< 10	4	2
A0852910	1.08	0.094	0.042	0.04	< 2	5	52	0.22	< 20	7	< 2	< 10	67	< 10	5	8
A0852911	2.59	0.049	0.035	0.47	4	29	79	< 0.01	< 20	< 1	< 2	< 10	103	< 10	4	3
A0852912	2.79	0.061	0.046	0.17	3	20	58	< 0.01	< 20	< 1	< 2	< 10	96	< 10	4	2
A0852913	3.59	0.039	0.037	0.19	3	15	58	< 0.01	< 20	2	< 2	< 10	85	< 10	3	2
A0852914	4.26	0.012	0.009	0.41	5	15	109	< 0.01	< 20	< 1	< 2	< 10	85	< 10	4	2
A0852915	0.45	0.065	0.055	0.09	< 2	5	11	0.10	< 20	< 1	< 2	< 10	26	< 10	6	6
A0852916	0.93	0.098	0.033	0.08	< 2	5	19	0.19	< 20	2	< 2	< 10	31	< 10	6	14
A0852917	0.17	0.029	0.084	0.27	5	< 1	6	< 0.01	< 20	< 1	< 2	< 10	8	< 10	2	4
A0852918	1.21	0.121	0.122	0.04	2	10	90	0.37	< 20	3	< 2	< 10	153	< 10	7	7
A0852919	1.58	0.086	0.045	0.67	< 2	9	21	0.21	< 20	< 1	< 2	< 10	73	< 10	7	8
A0852920																
A0852921	0.64	0.014	0.022	1.46	< 2	4	154	0.32	< 20	3	< 2	< 10	49	< 10	5	9
A0852922	1.27	0.172	0.039	0.84	4	18	15	0.33	< 20	8	< 2	< 10	177	< 10	11	4

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
A0852923	0.51	0.031	0.040	3.98	< 2	4	6	0.14	< 20	< 1	< 2	< 10	38	< 10	4	30
A0852924	1.18	0.106	0.102	3.52	3	8	50	0.63	< 20	6	< 2	< 10	117	< 10	11	10
A0852925	0.03	0.009	0.005	1.70	< 2	< 1	8	< 0.01	< 20	< 1	< 2	< 10	4	< 10	< 1	2
A0852926	0.69	0.131	0.102	1.32	3	6	86	0.31	< 20	3	< 2	< 10	57	< 10	7	9
A0852927	0.48	0.099	0.107	0.04	< 2	3	132	0.26	< 20	4	< 2	< 10	46	< 10	6	8
A0852928	0.12	0.023	0.052	0.18	2	< 1	10	0.01	< 20	< 1	< 2	< 10	7	< 10	2	2
A0852929	1.13	0.103	0.141	0.09	2	9	117	0.24	< 20	2	< 2	< 10	84	< 10	5	6
A0852930	1.24	0.108	0.049	0.06	< 2	5	57	0.23	< 20	2	< 2	< 10	72	< 10	5	9
A0852931	0.54	0.116	0.095	0.05	< 2	4	69	0.23	< 20	1	< 2	< 10	47	< 10	7	9
A0852932	0.57	0.136	0.021	0.10	2	6	15	0.20	< 20	2	< 2	< 10	39	< 10	4	9
A0852933	0.94	0.361	0.044	0.17	4	15	31	0.23	< 20	1	< 2	< 10	252	< 10	9	4
A0852934	0.99	0.088	0.088	1.40	3	3	27	0.17	< 20	3	< 2	< 10	49	< 10	4	12
A0852935	1.00	0.097	0.066	0.72	< 2	5	32	0.26	< 20	3	< 2	< 10	66	< 10	5	10
A0852936	0.38	0.052	0.031	1.50	2	3	34	0.10	< 20	5	< 2	< 10	26	< 10	5	8
A0852937	0.92	0.135	0.037	0.59	2	9	107	0.33	< 20	7	< 2	< 10	92	< 10	10	3
A0852938	0.26	0.073	0.042	0.26	< 2	1	87	0.16	< 20	1	< 2	< 10	22	< 10	4	8
A0852939	0.60	0.095	0.020	2.20	2	3	36	0.12	< 20	4	< 2	< 10	27	< 10	3	18
A0852940	2.22	0.345	0.116	0.22	< 2	3	92	0.19	< 20	3	< 2	< 10	30	< 10	11	3
A0852941	0.08	0.023	0.011	0.13	< 2	< 1	36	0.03	< 20	1	< 2	< 10	4	12	1	3
A0852942	0.24	0.043	0.040	0.58	< 2	3	41	0.18	< 20	5	< 2	< 10	36	< 10	5	6
A0852943	0.51	0.072	0.062	0.19	5	3	60	0.07	< 20	3	< 2	< 10	38	< 10	3	4
A0852944	0.33	0.093	0.034	0.05	< 2	< 1	188	0.17	< 20	2	< 2	< 10	20	< 10	5	22
A0852945	0.62	0.062	0.055	1.70	2	3	42	0.06	< 20	< 1	< 2	< 10	27	< 10	3	5
A0852946	0.27	0.012	0.018	0.33	3	1	7	< 0.01	< 20	4	< 2	< 10	20	< 10	< 1	3
A0852947	0.62	0.043	0.036	0.73	2	4	24	0.14	< 20	< 1	< 2	< 10	38	< 10	3	13
A0852948	1.98	0.117	0.034	1.05	3	10	16	0.22	< 20	< 1	< 2	< 10	93	< 10	10	7
A0852949	0.34	0.111	0.051	1.03	< 2	7	21	0.24	< 20	3	< 2	< 10	84	< 10	5	13
A0852950	1.16	0.105	0.052	0.06	2	5	61	0.25	< 20	< 1	< 2	< 10	69	< 10	6	10
A0852951	1.00	0.046	0.016	< 0.01	2	5	28	0.17	< 20	< 1	< 2	< 10	54	< 10	5	2
A0852952	1.20	0.096	0.104	0.58	4	11	102	0.32	< 20	7	< 2	< 10	117	< 10	7	11
A0852953	1.61	0.090	0.056	1.42	3	11	49	0.30	< 20	3	< 2	< 10	104	< 10	6	16
A0852954	1.18	0.011	0.037	4.38	5	4	7	0.09	< 20	6	< 2	< 10	43	< 10	3	13
A0852955	0.80	0.081	0.112	1.17	< 2	3	73	0.30	< 20	4	< 2	< 10	61	< 10	7	15
A0852956	0.31	0.044	0.117	1.85	3	5	67	0.27	< 20	3	< 2	< 10	124	< 10	5	15
A0852957	0.93	0.117	0.086	0.35	< 2	3	46	0.25	< 20	4	< 2	< 10	55	< 10	5	14
A0852958	0.07	0.011	0.053	1.11	< 2	< 1	18	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	2
A0852959	0.79	0.049	0.026	0.18	< 2	5	22	0.14	< 20	1	< 2	< 10	37	< 10	4	12
A0852960																
A0852961	0.24	0.013	0.017	2.10	4	1	4	0.01	< 20	1	< 2	< 10	25	< 10	2	5
GXR-6	0.38	0.059	0.035	0.01	5	21	29		< 20	< 1	< 2	< 10	164	< 10	4	7
GXR-6	0.37	0.058	0.034	0.01	4	20	29		< 20	< 1	< 2	< 10	163	< 10	4	9
GXR-6	0.39	0.060	0.035	0.01	3	19	29		< 20	< 1	< 2	< 10	162	< 10	4	6
OREAS 98 (Aqua Regia)					17											
OREAS 922 (AQUA REGIA)	1.30	0.019	0.064	0.37	3	3	16		< 20		< 2	< 10	32	< 10	15	3
OREAS 922 (AQUA REGIA)	1.30	0.019	0.064	0.38	3	4	16		< 20		< 2	< 10	32	< 10	16	6
OREAS 922 (AQUA REGIA)	1.30	0.020	0.064	0.37	5	3	16		< 20		< 2	< 10	32	< 10	16	13
OREAS 923 (AQUA REGIA)	1.38		0.061	0.68	5	3	14		< 20		< 2	< 10	31	< 10	14	6
OREAS 923 (AQUA REGIA)	1.42		0.062	0.70	3	4	14		< 20		< 2	< 10	32	< 10	15	7
OREAS 923 (AQUA REGIA)	1.37		0.060	0.66	3	3	14		< 20		< 2	< 10	31	< 10	14	15
Oreas 96 (Aqua Regia)				3.92	6											
Oreas 96 (Aqua Regia)				3.94	6											

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Oreas 96 (Aqua Regia)				4.11	7											
OREAS 45f (Aqua Regia)	0.17	0.033	0.022	0.02		29	14	0.12	< 20		< 2	< 10	202		5	15
OREAS 45f (Aqua Regia)	0.17	0.033	0.022	0.02		28	14	0.13	< 20		< 2	< 10	202		5	17
OREAS 45f (Aqua Regia)	0.17	0.034	0.021	0.02		27	14	0.11	< 20		< 2	< 10	197		5	12
OREAS 238 (Fire Assay)																
OREAS 238 (Fire Assay)																
OREAS 238 (Fire Assay)																
OREAS 238 (Fire Assay)																
OREAS 238 (Fire Assay)																
OREAS 238 (Fire Assay)																
Oreas E1336 (Fire Assay)																
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Oreas E1336 (Fire Assay)																
Oreas 620 (Aqua Regia)	0.27	0.117	0.031	2.63	61		20		< 20		< 2	< 10	8	< 10	7	30
Oreas 620 (Aqua Regia)	0.27	0.118	0.030	2.61	62		19		< 20		< 2	< 10	8	< 10	7	26
Oreas 620 (Aqua Regia)	0.27	0.116	0.031	2.63	61		19		< 20		< 2	< 10	8	< 10	7	30
A0852853 Orig	1.77	0.225	0.043	0.23	2	16	44	0.37	< 20	6	< 2	< 10	183	< 10	11	6
A0852853 Dup	1.74	0.224	0.043	0.23	2	16	44	0.38	< 20	< 1	< 2	< 10	180	< 10	11	6
A0852859 Orig																
A0852859 Dup																
A0852866 Orig																
A0852866 Dup																
A0852875 Orig																
A0852875 Dup																
A0852876 Orig	1.28	0.050	0.017	0.88	< 2	3	21	0.23	< 20	5	< 2	< 10	55	< 10	5	3
A0852876 Dup	1.29	0.050	0.017	0.88	< 2	3	22	0.23	< 20	2	< 2	< 10	56	< 10	5	3
A0852881 Orig	2.49	0.022	0.045	0.10	2	16	47	< 0.01	< 20	< 1	< 2	< 10	60	< 10	4	1
A0852881 Dup	2.46	0.021	0.045	0.10	2	16	47	< 0.01	< 20	< 1	< 2	< 10	59	< 10	4	1
A0852890 Orig	1.13	0.042	0.044	0.05	< 2	4	38	0.19	< 20	3	< 2	< 10	60	< 10	4	7
A0852890 Dup	1.13	0.042	0.044	0.05	< 2	4	39	0.19	< 20	4	< 2	< 10	61	< 10	4	7
A0852898 Orig																
A0852898 Dup																
A0852899 Split OrigPREP DUP	2.30	0.132	0.034	0.24	4	17	25	0.24	< 20	< 1	< 2	< 10	167	< 10	9	3
A0852899 SplitPREP DUP	2.27	0.131	0.033	0.24	3	17	25	0.23	< 20	< 1	< 2	< 10	164	< 10	9	3
A0852901 Orig																
A0852901 Dup																
A0852902 Orig	1.76	0.042	0.030	0.27	2	14	74	< 0.01	< 20	< 1	< 2	< 10	34	< 10	3	4
A0852902 Dup	1.75	0.042	0.029	0.27	2	14	72	< 0.01	< 20	2	< 2	< 10	34	< 10	3	4
A0852916 Orig	0.93	0.098	0.033	0.08	< 2	5	19	0.19	< 20	2	< 2	< 10	31	< 10	6	14
A0852916 Dup	0.95	0.099	0.033	0.08	< 2	5	20	0.20	< 20	1	< 2	< 10	31	< 10	6	14
A0852921 Orig	0.64	0.014	0.022	1.46	< 2	4	154	0.32	< 20	3	< 2	< 10	49	< 10	5	9

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
A0852921 Dup	0.65	0.014	0.022	1.44	< 2	4	156	0.32	< 20	< 1	< 2	< 10	49	< 10	5	9
A0852927 Orig																
A0852927 Dup																
A0852932 Orig	0.57	0.136	0.021	0.10	2	6	15	0.20	< 20	2	< 2	< 10	39	< 10	4	9
A0852932 Dup	0.57	0.137	0.021	0.10	< 2	6	15	0.20	< 20	< 1	< 2	< 10	40	< 10	4	9
A0852942 Orig																
A0852942 Dup																
A0852946 Orig	0.27	0.012	0.018	0.33	3	1	7	< 0.01	< 20	4	< 2	< 10	20	< 10	< 1	3
A0852946 Dup	0.27	0.012	0.018	0.33	3	1	7	< 0.01	< 20	< 1	< 2	< 10	20	< 10	< 1	3
A0852951 Split OrigPREP DUP	1.00	0.046	0.016	< 0.01	2	5	28	0.17	< 20	< 1	< 2	< 10	54	< 10	5	2
A0852951 SplitPREP DUP	1.05	0.047	0.017	< 0.01	< 2	5	28	0.18	< 20	2	< 2	< 10	56	< 10	5	2
A0852952 Orig																
A0852952 Dup																
A0852955 Orig																
A0852955 Dup																
A0852958 Orig	0.07	0.011	0.053	1.11	< 2	< 1	18	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	2
A0852958 Dup	0.07	0.011	0.052	1.11	< 2	< 1	18	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	2
A0852959 Orig																
A0852959 Dup																
A0852961 Split OrigPREP DUP	0.24	0.013	0.017	2.10	4	1	4	0.01	< 20	1	< 2	< 10	25	< 10	2	5
A0852961 SplitPREP DUP	0.24	0.013	0.016	2.10	3	1	4	< 0.01	< 20	1	< 2	< 10	25	< 10	2	5
A0852961 Orig	0.24	0.013	0.017	2.10	4	1	4	0.01	< 20	1	< 2	< 10	25	< 10	2	5
A0852961 Dup	0.24	0.013	0.017	2.16	< 2	1	4	0.01	< 20	< 1	< 2	< 10	25	< 10	2	5

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-13467**
Report Date: **30-Nov-22**
Date Submitted: **20-Sep-22**
Your Reference: **Otto Gold (OG) Project - Canada Exploration**

PRODIGY GOLD
9600 Prototype ct.
Reno Nevada 89521
United States

ATTN: Stephen Roach

CERTIFICATE OF ANALYSIS

12 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
2A-15g	QOP INAAGEO (Humus INAA)	2022-11-28 14:59:10

REPORT **A22-13467**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

Footnote: insufficient material for sample A852359.

Footnote: INAA data may be suppressed due to high concentrations of some analytes.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

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Report No.: **A22-13467**
Report Date: **30-Nov-22**
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Your Reference: **Otto Gold (OG) Project - Canada Exploration**

PRODIGY GOLD
9600 Prototype ct.
Reno Nevada 89521
United States

ATTN: Stephen Roach

CERTIFICATE OF ANALYSIS

12 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay (10g/m t)	QOP AA-Au (Au - Fire Assay AA)	2022-09-25 12:29:23
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2022-10-20 18:13:47

REPORT **A22-13467**

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

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

Footnote: insufficient material for sample A852359.

Footnote: INAA data may be suppressed due to high concentrations of some analytes.

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

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	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAMPLE	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	
DESCRIPTION	g/mt	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	
DETECTION	0.005	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	
A852351	0.050	0.4	1.2	51	2130	< 1	63	59	170	2.67	6	37	203	0.9	< 2	1.27	14	75	2.18	< 10	< 1	0.13	17	
A852352	0.046	< 0.2	0.9	31	949	< 1	41	45	113	1.42	3	36	128	< 0.5	< 2	0.79	16	52	1.39	< 10	< 1	0.10	14	
A852353	0.044	0.2	0.6	24	241	1	40	73	105	0.75	4	30	105	< 0.5	< 2	0.37	9	68	1.40	< 10	< 1	0.06	< 10	
A852354	0.055	0.5	0.7	21	202	< 1	16	70	103	0.20	3	31	112	< 0.5	< 2	0.43	2	12	0.41	< 10	< 1	0.07	< 10	
A852355	0.071	< 0.2	0.7	22	963	< 1	26	61	169	0.54	4	29	149	< 0.5	< 2	0.73	5	29	0.88	< 10	< 1	0.08	< 10	
A852356	0.031	0.7	2.2	146	2280	< 1	129	27	211	4.63	2	27	246	2.1	< 2	0.93	28	114	3.73	< 10	< 1	0.16	41	
A852357	0.038	0.4	1.8	138	3280	1	143	31	275	4.54	7	34	253	1.8	< 2	0.99	41	119	4.40	< 10	< 1	0.20	30	
A852358	0.051	< 0.2	1.6	31	69	< 1	14	66	81	0.38	< 2	23	167	< 0.5	< 2	0.23	3	39	0.93	< 10	< 1	0.05	< 10	
A852359	0.091																							
A852360	0.055	< 0.2	< 0.5	13	129	< 1	11	37	41	0.39	3	27	100	< 0.5	< 2	0.19	2	27	0.82	< 10	< 1	0.05	< 10	
A852361	0.035	< 0.2	< 0.5	12	263	< 1	8	44	66	0.31	3	27	64	< 0.5	< 2	0.40	2	24	0.52	< 10	< 1	0.06	< 10	
A852362	0.043	< 0.2	0.9	35	59	< 1	23	55	37	0.53	3	26	58	< 0.5	< 2	0.34	5	32	0.83	< 10	< 1	0.05	< 10	
GXR-6		0.2	< 0.5	69	1050	< 1	21	99	124	6.51	235	32	719	1.0	< 2	0.12	14	78	5.60	20	2	0.98	< 10	
GXR-6		0.3	< 0.5	69	1050	< 1	22	100	124	6.56	238	28	718	1.0	< 2	0.11	14	77	5.54	20	2	0.96	< 10	
GXR-6		0.3	< 0.5	70	1060	< 1	21	102	126	6.56	233	29	720	1.0	< 2	0.12	14	78	5.53	20	2	0.96	< 10	
STSD-1																								
OREAS 98 (Aqua Regia)		40.4		> 10000				268	1140						24		96							
OREAS 98 (Aqua Regia)		42.1		> 10000				275	1180						30		98							
OREAS 98 (Aqua Regia)		42.3		> 10000				276	1170						33		99							
OREAS 922 (AQUA REGIA)		0.7	< 0.5	2210	764	< 1	34	61	254	2.67	5		74	0.8	6	0.36	20	44	5.08	< 10		0.40	34	
OREAS 922 (AQUA REGIA)		0.7	< 0.5	2270	774	< 1	33	62	264	2.74	5		73	0.8	7	0.36	20	44	5.23	< 10		0.39	34	
OREAS 922 (AQUA REGIA)		0.7	< 0.5	2230	771	< 1	35	61	266	2.71	5		71	0.8	9	0.36	20	44	5.20	< 10		0.39	34	
OREAS 923 (AQUA REGIA)		1.3	< 0.5	4310	867	< 1	32	86	331	2.69	5		59	0.7	13	0.36	23	40	5.77	< 10		0.33	31	
OREAS 923 (AQUA REGIA)		1.4	< 0.5	4390	872	< 1	31	87	343	2.73	8		59	0.7	15	0.36	23	40	5.90	< 10		0.33	31	
OREAS 923 (AQUA REGIA)		1.7	< 0.5	4500	889	< 1	31	91	340	2.76	7		53	0.7	13	0.37	23	41	5.96	< 10		0.33	32	
Oreas 96 (Aqua Regia)		10.9		> 10000				90	407						15		45							
Oreas 96 (Aqua Regia)		11.2		> 10000				90	411						19		45							
OREAS 45f (Aqua Regia)				343	163	< 1	223	8	25	6.29			135	1.1	< 2	0.06	39	334	13.2	20	1	0.08	< 10	
OREAS 45f (Aqua Regia)				345	160	< 1	222	9	25	6.21			135	1.1	< 2	0.06	38	332	13.3	20	4	0.08	< 10	
OREAS 45f (Aqua Regia)				344	165	< 1	226	9	25	6.34			137	1.1	< 2	0.06	40	341	13.3	20	< 1	0.08	< 10	
OREAS 238 (Fire Assay)	3.15																							
Oreas E1336 (Fire Assay)	0.523																							
Oreas 620 (Aqua Regia)		40.9	159	1800	442	7	14	> 5000	> 10000	1.20	50		< 10	0.7	2	1.24	14	17	2.64	< 10	2	0.28	24	
Oreas 620 (Aqua Regia)		41.6	160	1840	437	7	13	> 5000	> 10000	1.20	50		11	0.7	< 2	1.24	14	19	2.64	< 10	3	0.28	25	
Oreas 620 (Aqua Regia)		42.5	166	1870	453	8	12	> 5000	> 10000	1.24	52		< 10	0.8	3	1.28	14	16	2.72	< 10	2	0.29	25	
A852359 Orig	0.091																							
A852359 Dup	0.077																							

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Ag	As	Ba	Br	Ca	Co	
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	1	2	1	100	1	0.5	1	
A852351	0.69	0.022	0.103	0.11	< 2	4	69	0.05	< 20	< 1	< 2	< 10	31	< 10	6	2	22	< 2	8	800	25	0.6	17	
A852352	0.50	0.022	0.085	0.10	< 2	3	49	0.06	< 20	< 1	< 2	< 10	25	< 10	5	1	36	< 2	4	700	12	1.6	20	

	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SAMPLE	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Ag	As	Ba	Br	Ca	Co
DESCRIPTION	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm
DETECTION	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	1	2	1	100	1	0.5	1
A852353	0.25	0.012	0.065	0.09	< 2	1	24	0.04	< 20	< 1	< 2	< 10	30	< 10	1	< 1	32	< 2	7	700	13	1.4	13
A852354	0.06	0.011	0.076	0.11	< 2	< 1	25	0.01	< 20	1	< 2	< 10	9	< 10	< 1	< 1	39	< 2	6	400	13	0.6	4
A852355	0.18	0.011	0.082	0.10	< 2	< 1	32	0.03	< 20	1	< 2	< 10	19	< 10	< 1	< 1	54	< 2	6	900	12	1.2	9
A852356	0.66	0.026	0.217	0.09	3	7	48	0.09	< 20	< 1	< 2	< 10	47	< 10	14	3	6	< 2	8	500	44	< 0.5	40
A852357	0.77	0.027	0.142	0.10	3	5	48	0.08	< 20	1	< 2	< 10	60	< 10	11	2	10	< 2	11	1100	47	2.9	57
A852358	0.06	0.010	0.041	0.04	< 2	< 1	18	< 0.01	< 20	2	< 2	< 10	28	< 10	1	< 1	25	< 2	6	1100	8	< 0.5	11
A852359																							
A852360	0.09	0.010	0.037	0.03	< 2	< 1	14	0.05	< 20	2	< 2	< 10	27	< 10	1	< 1	41	< 2	5	900	8	< 0.5	5
A852361	0.08	0.010	0.044	0.05	< 2	< 1	18	0.02	< 20	1	< 2	< 10	17	< 10	< 1	< 1	45	< 2	5	800	8	3.3	8
A852362	0.11	0.011	0.050	0.06	< 2	< 1	23	0.04	< 20	< 1	< 2	< 10	24	< 10	2	< 1	36	< 2	7	900	15	< 0.5	8
GXR-6	0.37	0.057	0.034	0.01	4	19	28		< 20	1	< 2	< 10	158	< 10	4	7							
GXR-6	0.37	0.057	0.034	0.01	3	19	28		< 20	5	< 2	< 10	156	< 10	4	7							
GXR-6	0.37	0.056	0.034	0.01	5	19	28		< 20	< 1	< 2	< 10	156	< 10	4	8							
STSD-1																	4		22	1100	40	3.6	19
OREAS 98 (Aqua Regia)					15																		
OREAS 98 (Aqua Regia)					16																		
OREAS 98 (Aqua Regia)					17																		
OREAS 922 (AQUA REGIA)	1.25	0.019	0.062	0.37	2	3	16		< 20		< 2	< 10	31	< 10	16	10							
OREAS 922 (AQUA REGIA)	1.29	0.019	0.063	0.38	4	3	16		< 20		< 2	< 10	32	< 10	16	11							
OREAS 922 (AQUA REGIA)	1.28	0.019	0.063	0.37	5	4	16		< 20		< 2	< 10	32	< 10	16	9							
OREAS 923 (AQUA REGIA)	1.33		0.059	0.66	3	3	14		< 20		< 2	< 10	31	< 10	15	14							
OREAS 923 (AQUA REGIA)	1.36		0.060	0.67	< 2	3	14		< 20		< 2	< 10	31	< 10	14	13							
OREAS 923 (AQUA REGIA)	1.38		0.061	0.68	3	3	14		< 20		< 2	< 10	31	< 10	15	12							
Oreas 96 (Aqua Regia)				3.73	7																		
Oreas 96 (Aqua Regia)				3.72	6																		
OREAS 45f (Aqua Regia)	0.16	0.031	0.020	0.02		26	13	0.11	< 20		< 2	< 10	183		4	15							
OREAS 45f (Aqua Regia)	0.16	0.031	0.020	0.02		26	13	0.10	< 20		< 2	< 10	183		4	13							
OREAS 45f (Aqua Regia)	0.16	0.031	0.020	0.02		27	13	0.11	< 20		< 2	< 10	188		4	15							
OREAS 238 (Fire Assay)																							
Oreas E1336 (Fire Assay)																							
Oreas 620 (Aqua Regia)	0.26	0.115	0.031	2.58	61		19		< 20		< 2	< 10	8	< 10	7	33							
Oreas 620 (Aqua Regia)	0.27	0.117	0.031	2.60	60		20		< 20		< 2	< 10	8	< 10	7	36							
Oreas 620 (Aqua Regia)	0.27	0.120	0.030	2.66	66		20		< 20		< 2	< 10	8	< 10	7	18							
A852359 Orig																							
A852359 Dup																							

	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SAMPLE	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th	U	W	Zn	La	Ce	Nd	Sm
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5	0.1	1	20	0.1	1	3	0.1
A852351	114	4.6	2.63	1.8	< 0.5	< 5	< 0.5	6600	< 10	30	0.8	11.4	< 2	< 100	< 0.5	8.2	1.4	< 1	250	228	40	43	3.6
A852352	83	4.5	1.81	1.9	< 0.5	< 5	< 0.5	9100	< 10	70	0.9	7.1	< 2	< 100	< 0.5	3.6	0.9	< 1	140	183	35	30	2.8
A852353	169	1.9	2.02	4.3	< 0.5	< 5	< 0.5	10000	< 10	40	0.9	5.5	< 2	< 100	< 0.5	2.9	< 0.1	< 1	180	97.1	19	11	1.4
A852354	53	< 0.5	0.79	2.6	< 0.5	< 5	< 0.5	5500	< 10	< 20	1.2	2.8	< 2	< 100	< 0.5	1.9	1.3	< 1	110	55.0	10	7	0.7

	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SAMPLE	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sr	Ta	Th	U	W	Zn	La	Ce	Nd	Sm
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	1	0.5	0.05	0.5	0.5	5	0.5	100	10	20	0.1	0.1	2	100	0.5	0.5	0.1	1	20	0.1	1	3	0.1
A852355	85	2.7	1.49	3.0	< 0.5	< 5	< 0.5	8700	< 10	< 20	1.0	5.8	< 2	< 100	< 0.5	3.0	0.4	< 1	270	71.2	16	4	1.2
A852356	194	7.4	4.85	3.0	< 0.5	< 5	< 0.5	8200	< 10	140	0.2	17.1	< 2	< 100	< 0.5	11.1	2.3	< 1	140	615	152	93	10.6
A852357	223	8.8	5.56	2.8	< 0.5	< 5	< 0.5	7800	< 10	120	0.8	16.1	< 2	< 100	< 0.5	11.4	2.7	< 1	510	462	103	85	8.0
A852358	210	< 0.5	1.83	8.0	< 0.5	< 5	< 0.5	17400	< 10	60	1.2	9.9	< 2	< 100	< 0.5	4.5	2.3	< 1	80	146	30	19	2.1
A852359																							
A852360	151	1.4	1.69	7.1	< 0.5	< 5	< 0.5	18800	< 10	80	0.7	7.0	< 2	< 100	< 0.5	3.8	< 0.1	< 1	100	125	23	20	1.8
A852361	234	0.8	1.63	8.7	< 0.5	< 5	< 0.5	14500	< 10	< 20	0.9	9.7	< 2	< 100	< 0.5	5.1	1.5	< 1	90	144	27	22	2.0
A852362	149	1.5	1.90	6.3	< 0.5	< 5	< 0.5	14600	< 10	80	1.0	8.2	< 2	< 100	< 0.5	4.5	< 0.1	< 1	50	134	23	8	2.0
GXR-6																							
GXR-6																							
GXR-6																							
STSD-1	69	< 0.5	4.43	6.7			2.8	14600	< 10	40	3.3	12.7		< 100	< 0.5	3.2	8.8	< 1	130	283	55	62	6.6
OREAS 98 (Aqua Regia)																							
OREAS 98 (Aqua Regia)																							
OREAS 98 (Aqua Regia)																							
OREAS 922 (AQUA REGIA)																							
OREAS 922 (AQUA REGIA)																							
OREAS 922 (AQUA REGIA)																							
OREAS 923 (AQUA REGIA)																							
OREAS 923 (AQUA REGIA)																							
OREAS 923 (AQUA REGIA)																							
Oreas 96 (Aqua Regia)																							
Oreas 96 (Aqua Regia)																							
OREAS 45f (Aqua Regia)																							
OREAS 45f (Aqua Regia)																							
OREAS 45f (Aqua Regia)																							
OREAS 238 (Fire Assay)																							
Oreas E1336 (Fire Assay)																							
Oreas 620 (Aqua Regia)																							
Oreas 620 (Aqua Regia)																							
Oreas 620 (Aqua Regia)																							
A852359 Orig																							
A852359 Dup																							

	INAA	INAA	INAA	INAA	INAA
SAMPLE	Eu	Tb	Yb	Lu	Mass
DESCRIPTION	ppm	ppm	ppm	ppm	g
DETECTION	0.2	0.2	0.1	0.1	
A852351	1.1	0.3	1.4	0.1	5.44
A852352	0.8	< 0.2	1.1	0.1	6.54
A852353	0.4	< 0.2	0.9	< 0.1	6.81
A852354	< 0.2	< 0.2	0.6	< 0.1	6.86
A852355	0.4	< 0.2	0.7	< 0.1	6.55
A852356	2.6	1.4	3.1	0.3	6.82

	INAA	INAA	INAA	INAA	INAA
SAMPLE	Eu	Tb	Yb	Lu	Mass
DESCRIPTION	ppm	ppm	ppm	ppm	g
DETECTION	0.2	0.2	0.1	0.1	
A852357	2.0	0.6	2.4	0.2	6.98
A852358	0.7	< 0.2	1.9	0.2	6.97
A852359					
A852360	0.6	< 0.2	1.5	0.2	6.86
A852361	0.6	< 0.2	1.8	0.2	6.26
A852362	0.7	< 0.2	1.6	0.1	4.61
GXR-6					
GXR-6					
GXR-6					
STSD-1	1.8	1.4	4.2	0.5	
OREAS 98 (Aqua Regia)					
OREAS 98 (Aqua Regia)					
OREAS 98 (Aqua Regia)					
OREAS 922 (AQUA REGIA)					
OREAS 922 (AQUA REGIA)					
OREAS 922 (AQUA REGIA)					
OREAS 923 (AQUA REGIA)					
OREAS 923 (AQUA REGIA)					
OREAS 923 (AQUA REGIA)					
Oreas 96 (Aqua Regia)					
Oreas 96 (Aqua Regia)					
OREAS 45f (Aqua Regia)					
OREAS 45f (Aqua Regia)					
OREAS 45f (Aqua Regia)					
OREAS 238 (Fire Assay)					
Oreas E1336 (Fire Assay)					
Oreas 620 (Aqua Regia)					
Oreas 620 (Aqua Regia)					
Oreas 620 (Aqua Regia)					
A852359 Orig					
A852359 Dup					

APPENDIX 4

Month	Day	Roach	Racicot	Property	Description of work
August (2022)	20	x		Otto	Drive from Dubreuilville to Kirkland Lake
	21	x	x	Otto	Orientation on Otto Gold; Racicot drive from Sudbury yo Kirkland Lake
	22	x	x	Otto	Field Orientation with Racicot on Otto Gold
	23	x	x	Otto	Mapping (0.575 km)and Sampling (12 samples)
	24	x	x	Otto	Mapping (1.55 km)and Sampling (5 samples)
	25	x	x	Otto	Mapping (1.2 km)and Sampling (7 samples)
	26	x	x	Otto	Mapping (0.65 km)and Sampling (4 samples)
	27	x	x	Otto	Mapping (0.95 km)and Sampling (8 samples)
	28	x	x	Otto	Mapping (1.2 km)and Sampling 7 samples)
	29	x	x	Otto	Update maps and data entry of sample descriptions
	30	x	x	Otto	Mapping (0.925 km)and Sampling (6 samples)
	31	x	x	Otto	Mapping and Sampling (4 samples)
September (2022)	1	x	x	Otto	Mapping (1.3 km)and Sampling (9 samples)
	2	x	x	Otto	Mapping (0.9 km)and Sampling 6 samples)
	3	x	x	Otto	Mapping (2.05 km)and Sampling (1 samples)
	4	x	x	Otto	Mapping (1.1 km)and Sampling (6 samples)
	5	x	x	Otto	Mapping (1.2 km)and Sampling (8 samples)
	6	x	x	Otto	Mapping (1.0 km)and Sampling (6 samples)
	7	x	x	Otto	Mapping (1.0 km)and Sampling (6 samples)
	8	x	x	Otto	Mapping (1.4 km)and Sampling (7 samples)
	9	x	x	Otto	Mapping (0.5 km)and Sampling (7 samples)
	10	x	x	Otto	Soil Orientation (12 samples); Organize samples; Racicot to Sudbury
	11	x		Otto	Drive from Kirkland Lake to Dubreuilville
December (2022)	4	x		Otto	Report Writing
	8	x		Otto	Report Writing
September (2023)	5	x		Otto	Report Writing
	6	x		Otto	Report Writing
	7	x		Otto	Report Writing
	15	x		Otto	Report Writing
	16	x		Otto	Report Writing
	17	x (0.2)		Otto	Report Writing