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Assessment Report
on the
Horne Project
2024 Field Program
Thunder Bay Mining Division
Northwestern Ontario

NTS MAP SHEETS 52A/05 AND 52A/12

Prepared for

5042078 Ontario Inc.

Prepared by
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Clark Exploration Consulting Inc.
January, 2025

Clark Exploration Consulting Inc.

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1.0 SUMMARY

The Horne Project is situated within NTS map sheets 52A/05 and 52A/12 in the Thunder Bay Mining Division, Northwestern Ontario, Canada, encompassing the Townships of Adrian, Horne, Laurie and Sackville. This report was prepared for 5042078 Ontario Inc by Clark Exploration Consulting Inc. The mining claims that comprise the Horne Project are located 45 kilometers west of the City of Thunder Bay, Ontario (Figure 1). The Horne Project comprises 77 unpatented contiguous single-cell mining claims totalling approximately 1560 hectares. The total work requirements for the Horne Project claim group is $30,800 annually. The total amount of work outlined in this report is $14,145.

The regional geology is characterized by Neoarchean rocks of the Superior Province and by Paleomesoproterozoic rocks of the Southern Province. The Neoarchean rocks are primarily a part of the Wawa Subprovince which contains the Shebandowan Greenstone Belt (Bajc, 1999). The Neoarchean rocks of the Shebandowan Greenstone Belt are composed mainly of ultramafic, mafic, intermediate and felsic metavolcanic rocks. The Horne Project also covers portions of the Shebandowan and Greenwater assemblages, which are primarily supracrustal rocks (Berger, 1993 and Berger and Rogers, 1994). The area of interest in this program lies within the Greenwater assemblage of volcanic and associated metasediments. The rock types found on the Horne Project include; mafic, ultramafic, intermediate metavolcanic, coarse clastic metasedimentary rocks, dacitic and andesitic flows, tuffs and breccias, felsic to intermediate metavolcanics, alkaline metavolcanic rocks, and metasedimentary rocks comprised of: conglomerate, arkose, arenite, wacke, sandstone, siltstone, and graphitic argillite.

In 2024, Clark Exploration Consulting Inc. was contracted by 5042078 Ontario Inc. to carry out a prospecting and sampling program on the Horne Project. The program consisted of 7 field days on the Horne Project and was conducted from October 12th to 14th and 16th to 19th of 2024. In total, 39 rock samples were collected of which 23 were sent for gold and multi-element analysis. The goals of the program were to explore target areas in the northeastern and northern extents of the claim group, which correspond to magnetic anomalies, and to follow up on historically reported samples in the northern extent. Additionally, areas of the Horne Project that are under-explored were targeted to observe outcrop exposure and potential trails. GPS tracks and sample locations are presented in Figures 6 through 9.

No anomalous values of Au were obtained, however sample E6096052 returned mildly elevated metal values of 105 ppm Co, 1200 ppm Cr, and 2410 ppm Ni.

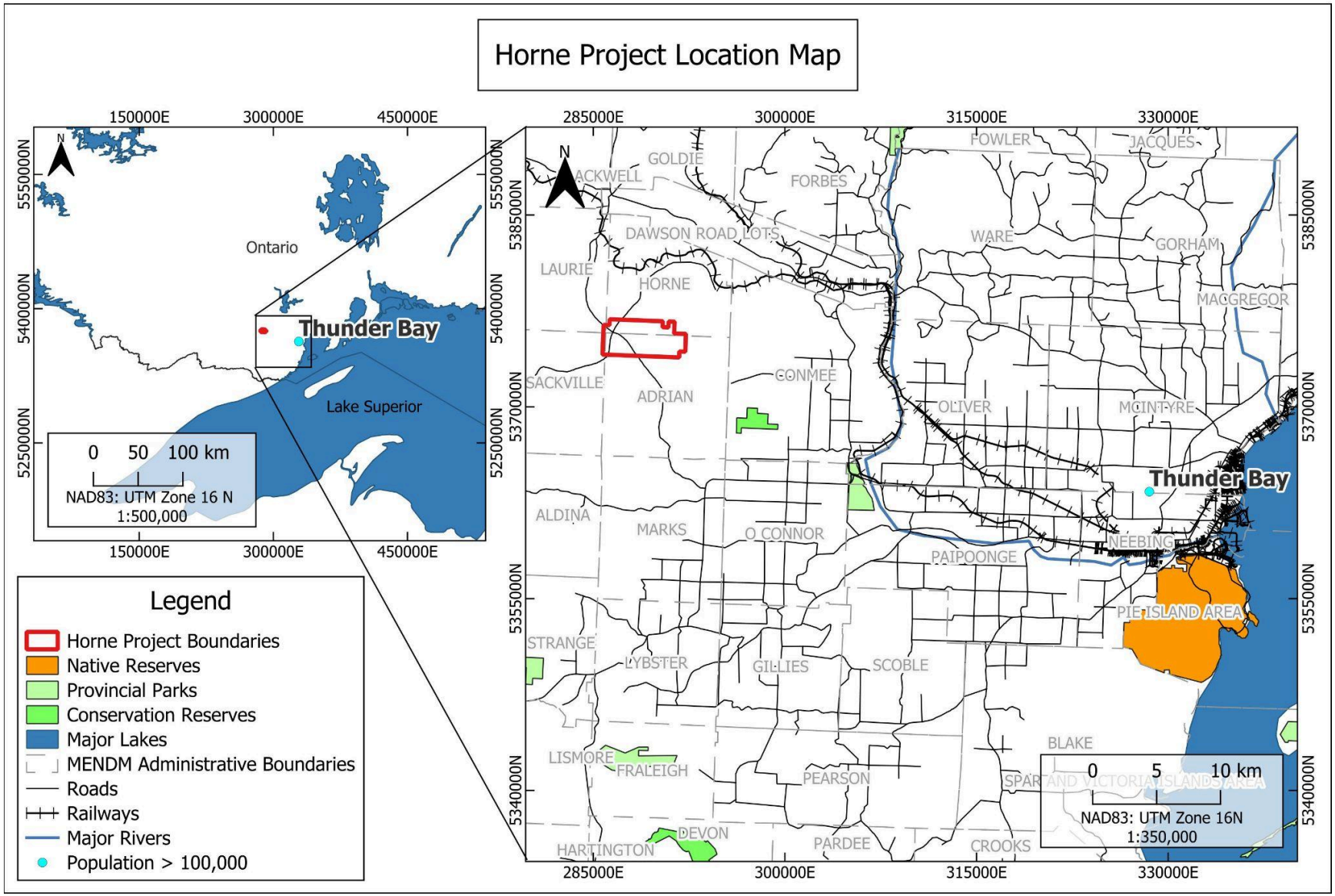

Figure 1: Horne Project Location Map

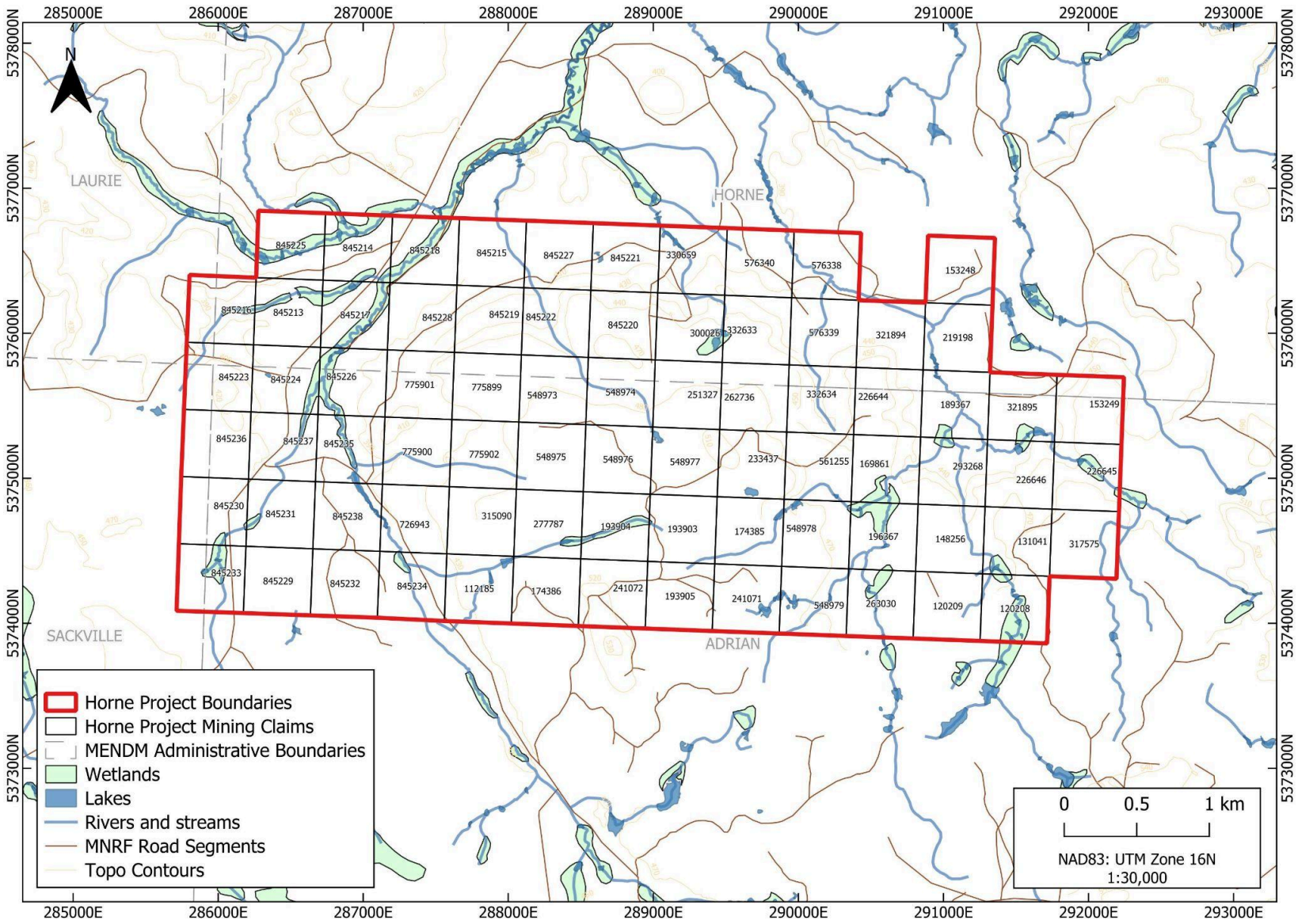

Figure 2: Horne Project Claims Map

2.0 INTRODUCTION

This report has been produced for 5042078 Ontario Inc. to document the work completed and present the results of the 2024 field work program carried out on the Horne Project ("the Project") mining claims. The Horne Project is located in the Townships of Adrian and Horne and partially in the Townships of Laurie and Sackville in the Thunder Bay Mining Division, Northwestern Ontario, Canada, about 45 kilometers west of the City of Thunder Bay, Ontario, Canada. This report was prepared using the guidelines for technical reports as outlined in the Technical Standards for Reporting Assessment Work Under the Provisions of the Mining Act R.S.O. 1990 using the work type of Grassroots Prospecting. In 2024, Clark Exploration Consulting Inc. ("Clark Exploration") was contracted by 5042078 Ontario Inc. to carry out a prospecting and sampling program on the Project. 7 days of work were completed on the Project from October 12th to 14th and 16th to 19th of 2024 by Geologist Jordan Perterzon and field partner Trevor Lavack. 39 rock samples were collected of which 23 were sent for gold and multi-element analysis.

The Horne Project claim group comprises 77 contiguous unpatented single-cell mining claims totalling an area of approximately 1560 hectares (Fig. 2, Appendix I). The claim group is centered at approximately (289000 mN, 537500 mE (NAD 83: UTM Zone 16N)). The claims upon which the work was completed are recorded in the name of 5042078 Ontario Inc. The Horne Project claim group has annual work requirements of $30,800. The total amount of work outlined in this report is $14,145.

2.1 UNITS OF MEASURE, ABBREVIATIONS

All units of measure in this report are metric and all dollar values are in Canadian dollars ($CDN). Location coordinates are expressed in Universal Transverse Mercator (UTM) grid coordinates using NAD 83, Zone 16N.

Abbreviations:
m - meters
km - kilometers
mg = milligrams
ml - milliliters
ppm - parts per million
Ma - millions of years ago
Au - Gold
Co - Cobalt
Cr - Chromium
Ni - Nickel

3.0 LOCATION AND ACCESS

The Horne Project is located 45 km west of the City of Thunder Bay, Ontario, Canada, in the Townships of Adrian and Horne and partially in the Townships of Laurie and Sackville in the Thunder Bay Mining Division of Ontario, Canada, within NTS map sheets 52A/05 and 52A/12. The City of Thunder Bay has a population of 110,000 and provides support services, equipment, and skilled labour for both the mineral exploration and mining industry. Rail, national highway, port and international airport services are also available out of Thunder Bay.

From Thunder Bay, the Horne Project can be reached by travelling west on Highway 11/17 and then west on Highway 590 which is just past the town of Kakabeka Falls, Ontario. Follow Highway 590 for approximately 12 km to the Adrian Lake Road. The Project can be directly accessed via Adrian Lake Road. Alternatively, the Project can be accessed via Boreal Timber Road off Highway 590 past the turn off for Adrian Lake Road. Road access throughout the Project is good.

4.0 REGIONAL GEOLOGY

The area is underlain by Neoarchean rocks of the Superior Province and by Paleomesoproterozoic rocks of the Southern Province which are both a part of the Canadian Shield (Berger, 1993 and Berger and Rogers, 1994). The Neoarchean rocks are primarily a part of the Wawa Subprovince which contains the Shebandowan Greenstone Belt (Bajc, 1999). The Shebandowan Greenstone Belt is fault-bounded to the north by metasedimentary and felsic intrusive rocks of the Quetico Subprovince and is overlain to the south by Paleoproterozoic metasedimentary rocks of the Animikie Group also known as the Gunflint and Rove Formations (Bajc, 1999). The Neoarchean rocks of the Shebandowan Greenstone Belt are composed mainly of ultramafic, mafic, intermediate and felsic metavolcanic rocks. Related intrusive rocks include; peridotite, gabbro, quartz feldspar porphyries, and clastic and chemical metasedimentary rocks (Berger, 1993 and Berger and Rogers, 1994). The supracrustal rocks are divided into two assemblages based on morphology, composition, structure and metamorphism which correlate with the Greenwater and Shebandowan assemblages described in the work of Carter (1985 and 1986) and Williams et al (1991) (Berger, 1993 and Berger and Rogers, 1994). The entirety of Horne Township is underlain by Archean rocks which are composed primarily of a metavolcanic sequence or a Keewatin-type sequence (Carter, 1990).

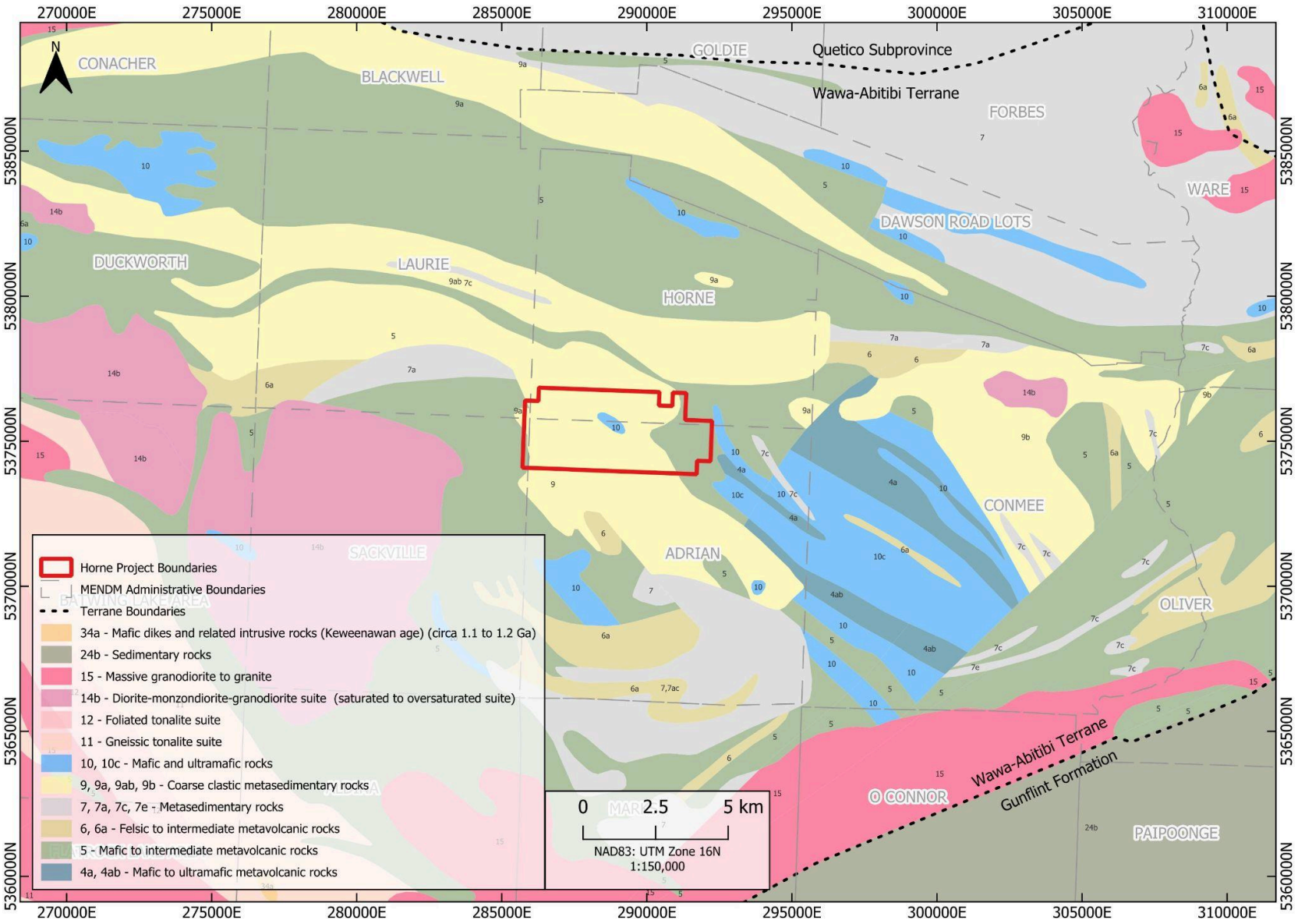

Figure 3: Horne Project Regional Geology with terrane boundaries from A revised terrane subdivision of the Superior Province (Stott et. al, 2010)

5.0 PROJECT GEOLOGY

The Horne Project is located within the eastern portion of the Shebandowan Greenstone Belt (Berger, 1993 and Berger and Rogers, 1994) in the Wawa Subprovince of the Superior Province, the world's largest Archean craton. The Project also covers portions of the Shebandowan and Greenwater assemblages, which are primarily supracrustal rocks (Berger, 1993 and Berger and Rogers, 1994). The area of interest in this program lies within the Greenwater assemblage of volcanic and associated metasediments. The rocks types found within the Project boundary include; mafic, ultramafic, intermediate metavolcanic, coarse clastic metasedimentary rocks, dacitic and andesitic flows, tuffs and breccias, felsic to intermediate metavolcanics, alkaline metavolcanic rocks, and metasedimentary rocks comprised of: conglomerate, arkose, arenite, wacke, sandstone, siltstone, and graphitic argillite. There is a fault running northwest – southeast through the Project, and there are two iron occurrences within the Project boundary. Portions of the Project are also underlain by mafic intrusive rocks (Bajc, 1999).

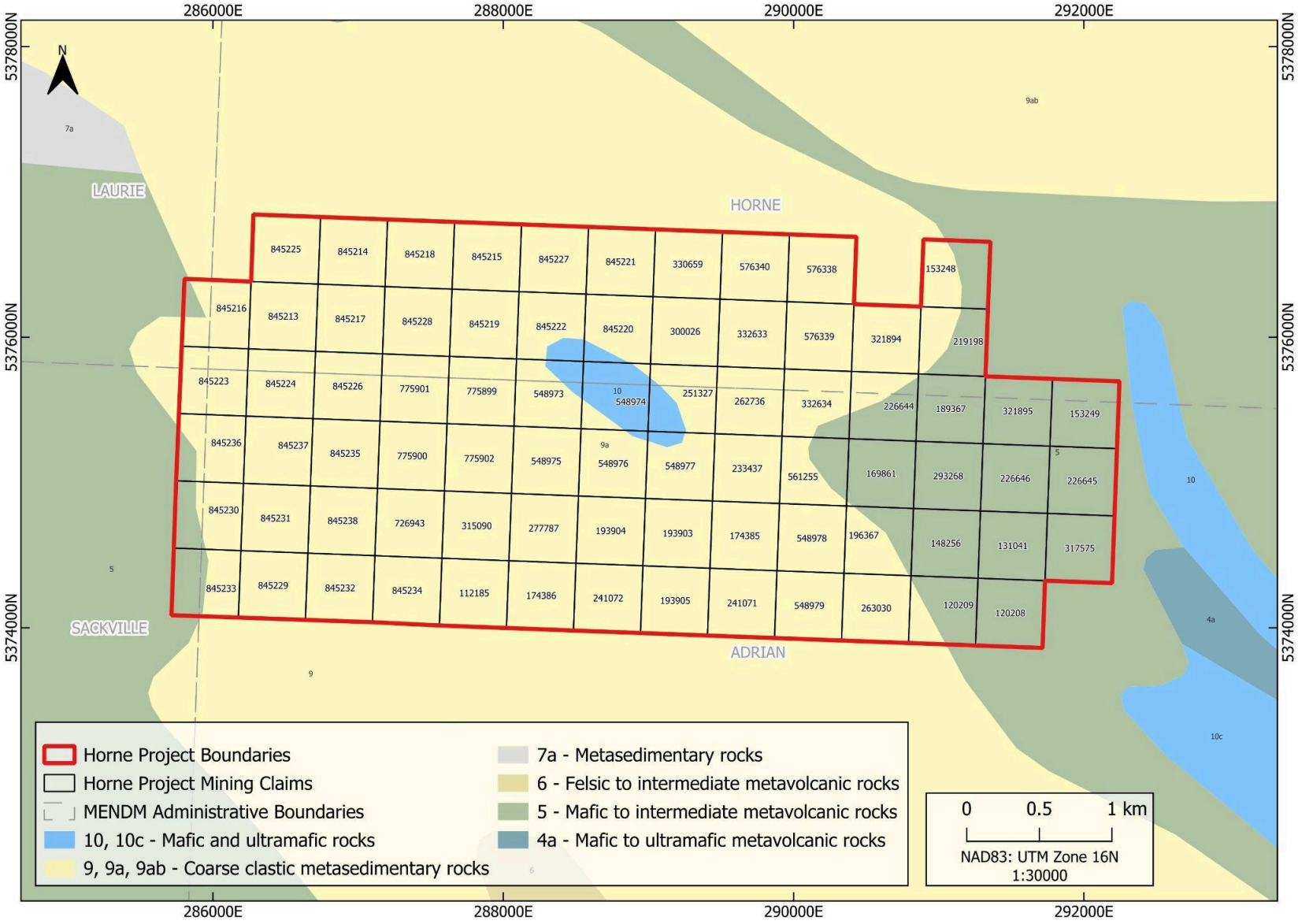

Figure 4: Horne Project Geology Map

6.0 EXPLORATION HISTORY

This review of Exploration History was performed using a GIS based assessment work boundary layer and intersecting it with the current Project boundary of the Horne Project. It should be noted that this is not a complete review and a physical search of the assessment files should be performed to ensure it is complete (regarding filed assessment work). Because of the odd shape of the Project a thorough compilation of assessment data should be performed to locate the exact positions of the work performed.

AFRI_FID	YEAR	PERFORM FOR	Work Performed	GO_LINK
52A05NW0008	1967	Noranda Inc	Diamond Drilling Program consisting of 2 holes (121m)	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0008.html
52A05NW0011	1967	Noranda Exploration Co	Electromagnetic and Magnetometer survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0011.html
52A05NW0009	1967	Noranda Exploration Co	Diamond Drilling Program consisting of 1 hole totaling (107m)	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0009.html
52A12SW0062	1971	Noranda Exploration Co	Electromagnetic and Magnetometer survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW0062.html
52A05NW0004	1977	Noranda Exploration Co	Electromagnetic and Magnetometer survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0004.html
52A05NW0003	1978	Noranda Exploration Co	379 Soil Samples	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0003.html
52A12SW0056	1988	Royex Gold Mining Corp	Linecutting (61 Miles), geological mapping, 592 soil samples, Ground Magnetometer and VLF-EM	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW0056.html
52A12SE0060	1988	Jet Mining Expl Inc	Airborne Magnetic and VLF-EM Survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SE0060.html
52F04NE9650	1990	Mingold Resources Inc	Bulk Till sampling program	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52F04NE9650.html

AFRI_FID	YEAR	PERFORM FOR	Work Performed	GO_LINK
52A05NW0030	1992	A Murdy, D Laderoute	Prospecting, Lithogeochemical sampling (29 soil samples), Ground magnetometer and Max-Min surveys	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW0030.html
52A05NW8102	1992	A Murdy, D Laderoute	Ground magnetic and horizontal loop EM survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A05NW8102.html
52A12SW0006	1992	A Murdy, D Laderoute	Same report as 52A05NW0030	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW0006.html
52A12SW0044	1995	E Kukkee, Russell Kwiatkowski	17 Assays	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW0044.html
52A12SW0043	1997	Starcore Resc Ltd	VLF-EM survey 20.5 line kilometers	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW0043.html
52A12SW2020	2000	Cassidy Gold Resc Inc	Prospecting	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/52A12SW2020.html
20000000033	2006	Kenneth Robert Kukkee	94 samples taken, trenching and stripping	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000000033.html
20000003029	2007	Sabina Silver Corp	Trenching and sampling completed in Adrian township	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000003029.html
20000002921	2007	Sabina Silver Corp	Airborne VTEM survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000002921.html
20000005522	2009	Benton Resources Corp, Melvin Angus Stewart, Michael Robert Stares	Trenching and ground geophysics	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000005522.html
20000004010	2009	Kenneth Robert Kukkee	Prospecting, linecutting, and radiometric survey	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000004010.html
20000006712	2010	Benton Resources Corp, Melvin Angus Stewart, Michael Robert Stares	4 Diamond Drill Holes totaling 812 meters. Assays up to 0.22% Ni over 30.5m including 0.4% over 6.0m.	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000006712.html

AFRI_FID	YEAR	PERFORM FOR	Work Performed	GO_LINK
20000007399	2012	Greencastle Resources Ltd	4 Diamond Drill holes totaling 916 meters. Assays up to 3578 ppm Zn and 613 ppm Cu	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000007399.html
20000007993	2013	Greencastle	Trenching and ground geophysics	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000007993.html
20000017981	2019	1401385 Ontario Inc	Ground Geophysics & Prospecting	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/afri/data/records/20000017981.html

The most recent work on the Horne Project was performed in 2022 and 2023:

In 2022, 10 days of work was completed on the Project between July 29th and Oct 18th by staff of Clark Exploration. Prospecting and sampling occurred at a historic gold occurrence as well as historic geophysical anomalies. An area dubbed the Gossan Stripping was hand stripped during the program. The Gossan Stripping targets a historic gold occurrence identified by previous programs. A 250 m^2 area of strongly to intensely oxidized rock was exposed. This rock unit is believed to be banded iron formation indicated by the chert rich and iron rich layers. A total of 44 samples were collected (7 grab samples, 37 channel samples). No significant gold values were found.

In 2023, Channel sampling and backpack diamond drilling were performed at the Gossan Stripping by Clark Exploration on behalf of 5042078 Ontario Inc. 13 channel samples were collected from the stripping across 5 channels. A metasedimentary unit makes up the majority of the Gossan Stripping with varying silica alteration observed throughout the exposure. The variation in silica alteration leads to portions of the outcrop appearing cherty with other non-silica altered portions displaying intense oxidation and appearing iron-rich. 5 diamond drill holes totalling 6.2 m were drilled using a Shaw Backpack drill. These holes ranged 0.35 m to 1.78 m in length and targeted areas with surficial pyrite mineralization or historic grade. No significant gold values were found.

7.0 PROSPECTING AND SAMPLING

Clark Exploration personnel carried out a 7 day prospecting and sampling program for 5042078 Ont. Inc. on the Horne Project from October 12th to 14th and 16th to 19th of 2024. In total, 39 samples were collected of which 23 were sent for gold and multi-element analyses. The goals of the program were to explore target areas in the northeastern and northern extents of the Project, which correspond to magnetic anomalies, and follow up on historically reported samples in the northern extent. Additionally, areas of the Project that are under-explored were targeted to evaluate outcrop exposure and potential trails. GPS tracks and sample locations are displayed in Figure 5.

The main rock units observed during the program include: undeformed to moderately sheared basalt, intermediate volcanic units often referred to as quartz-feldspar porphyry, and weakly deformed conglomerates. Quartz veins are present sporadically but not in a large abundance from observed outcrops and are not necessarily hosted within a specific lithology. The most notable structure is a moderate to strongly deformed east-west trending shear fabric often present in basalts. The intermediate volcanics do not typically display any major fabric or deformation but do have a weak foliation. The magnetic anomalies exhibit a potential northwest-southeast trending structure. Mineralization appears to be disseminated through the property averaging around 1-2%. Areas of higher mineralization (~5%) are present in the north-east extent close to the high magnetic anomalies, and in the south-east central magnetic anomalies. The mineralized zones are typically rusted and more altered than the unmineralized zones. Mineralization is described as pyrite, chalcopyrite +/- galena +/- pyrrhotite.

7.1 INSTRUMENTATION

A handheld magnetic susceptibility meter (KT-10 v2) was used on the primary lithology at some sample stations to collect magnetic susceptibility data. The instrument is calibrated at the factory and periodic calibration is not required. Readings are taken by hitting the initialize button when the KT-10 is in free air then contacting the node of the KT-10 to the rock/sample and hitting the initialize button again, the last step is moving the KT-10 back to "free air" before the final magnetic susceptibility reading appears on the screen. These readings are recorded by the field crew in the sample descriptions (Appendix III, Appendix IV).

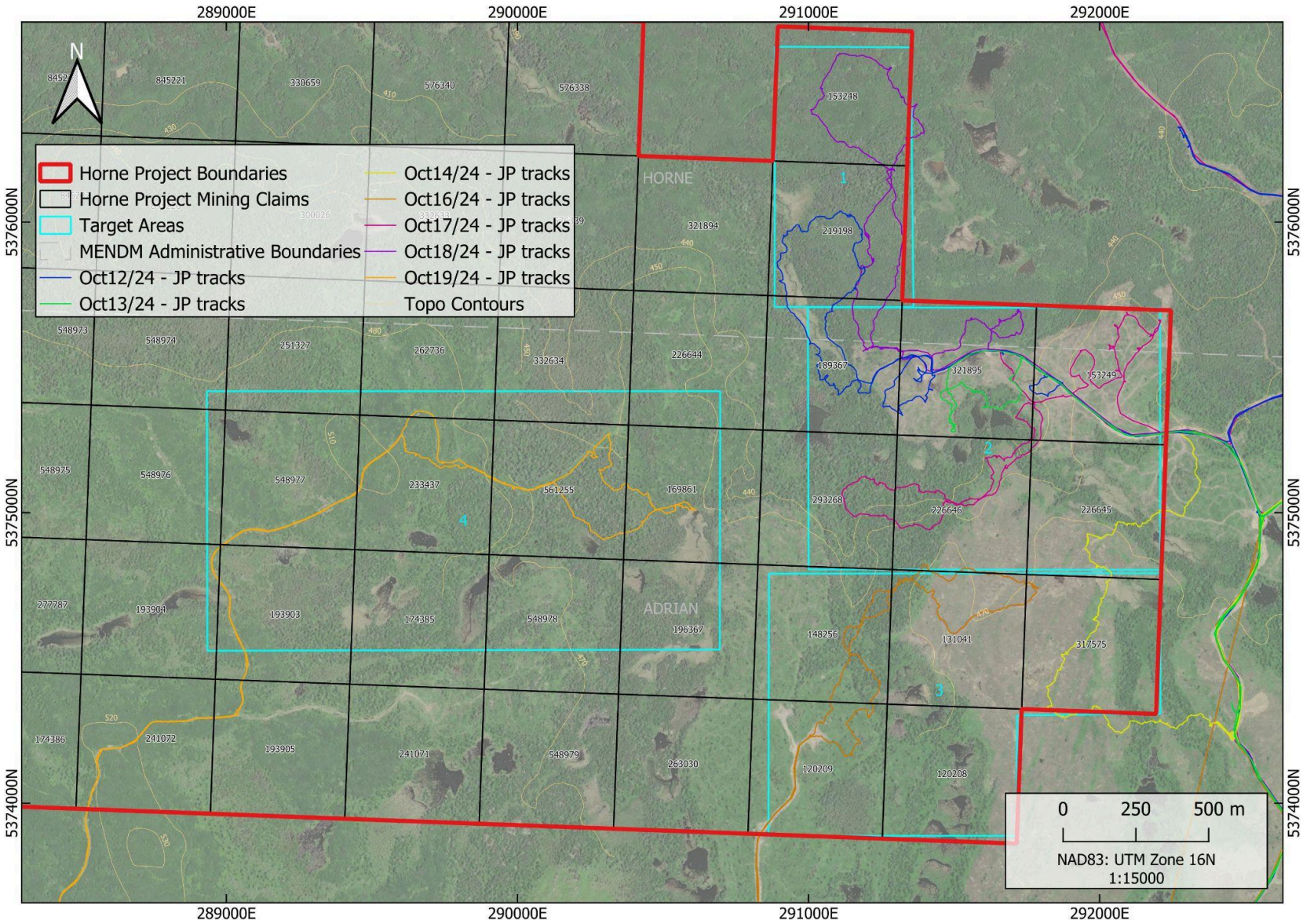

Figure 5: Horne Project 2024 Field Program GPS Tracks

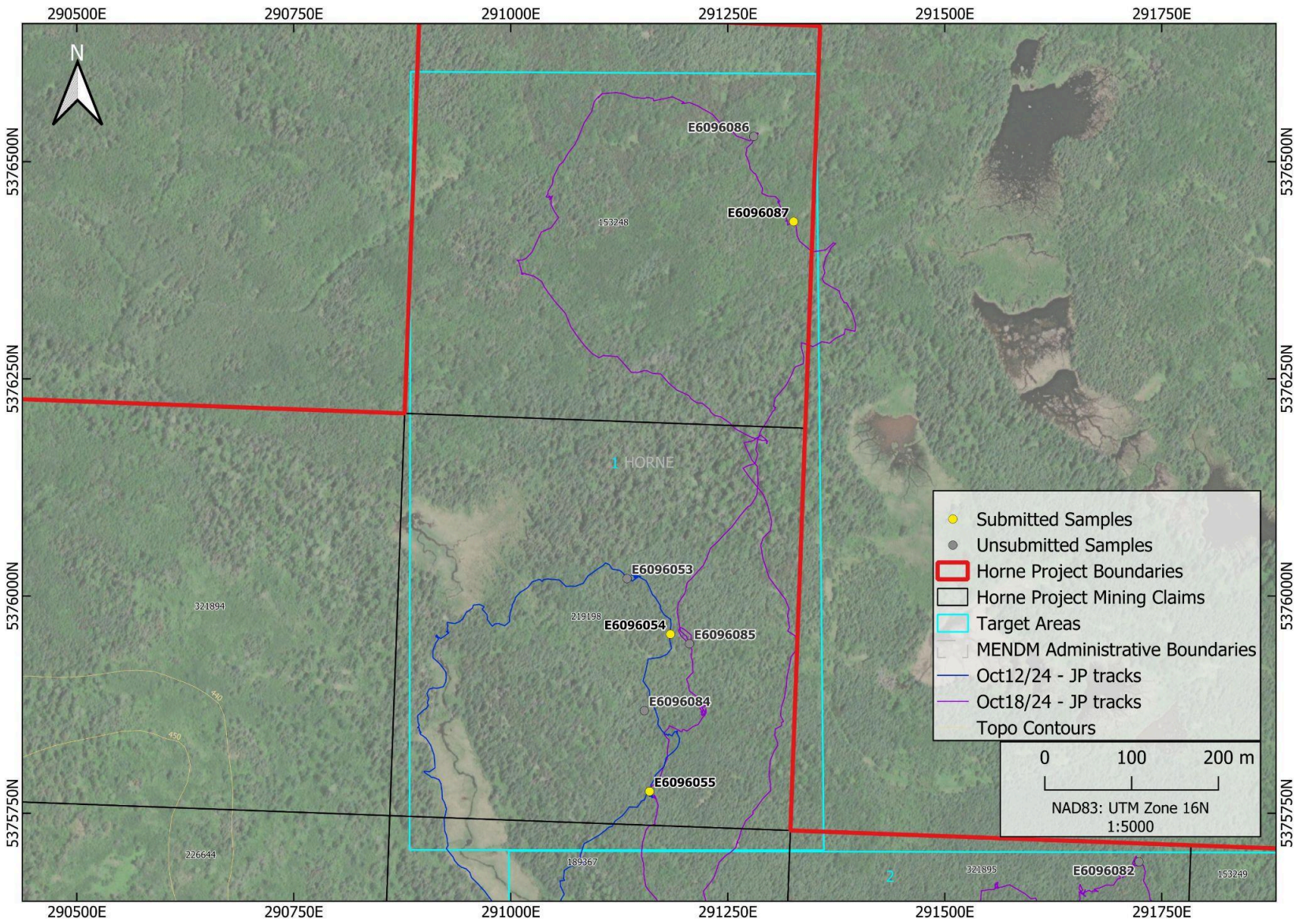

Figure 6: Horne Project 2024 Field Program Target Area 1 Prospecting

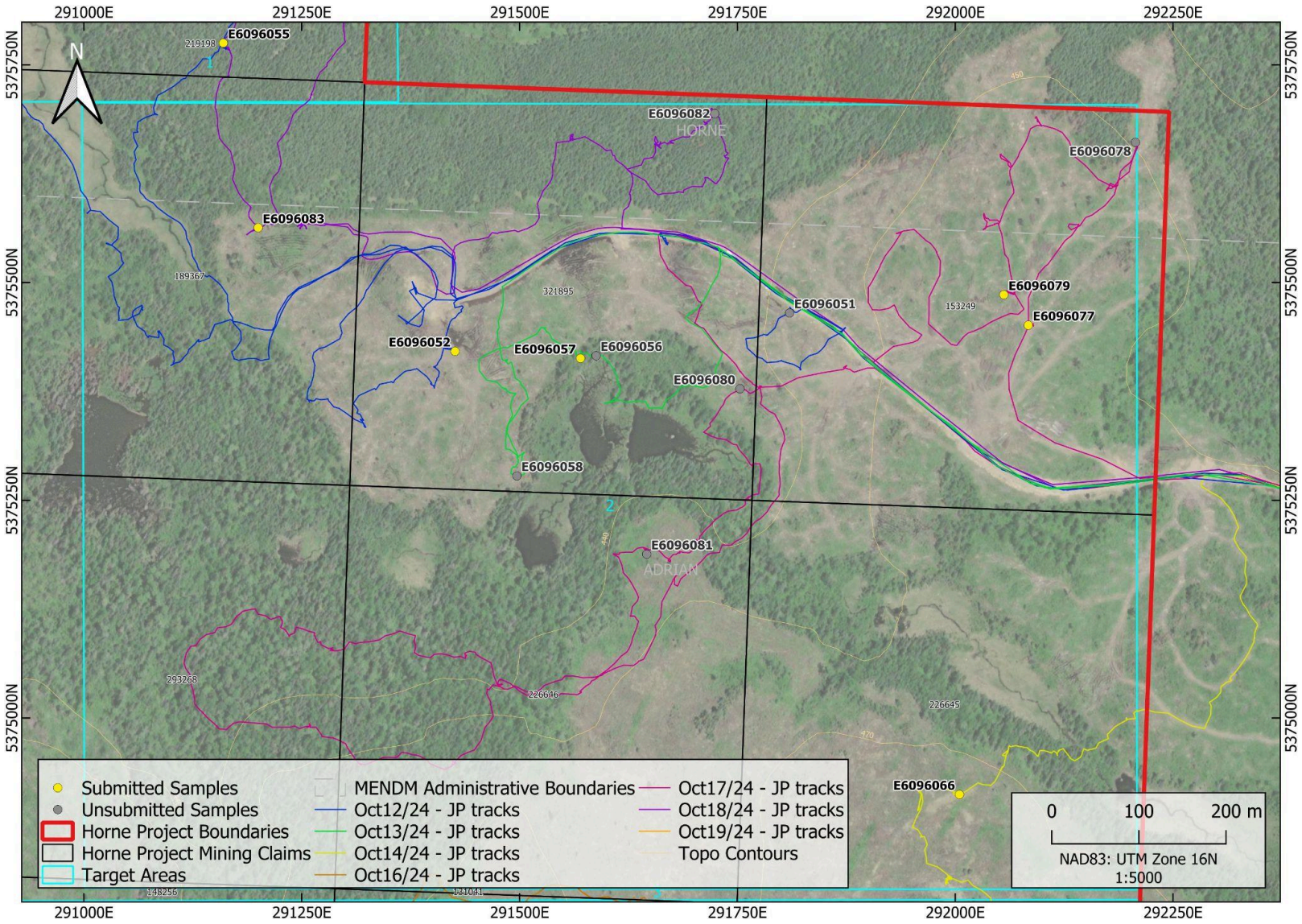

Figure 7: Horne Project 2024 Field Program Target Area 2 Prospecting

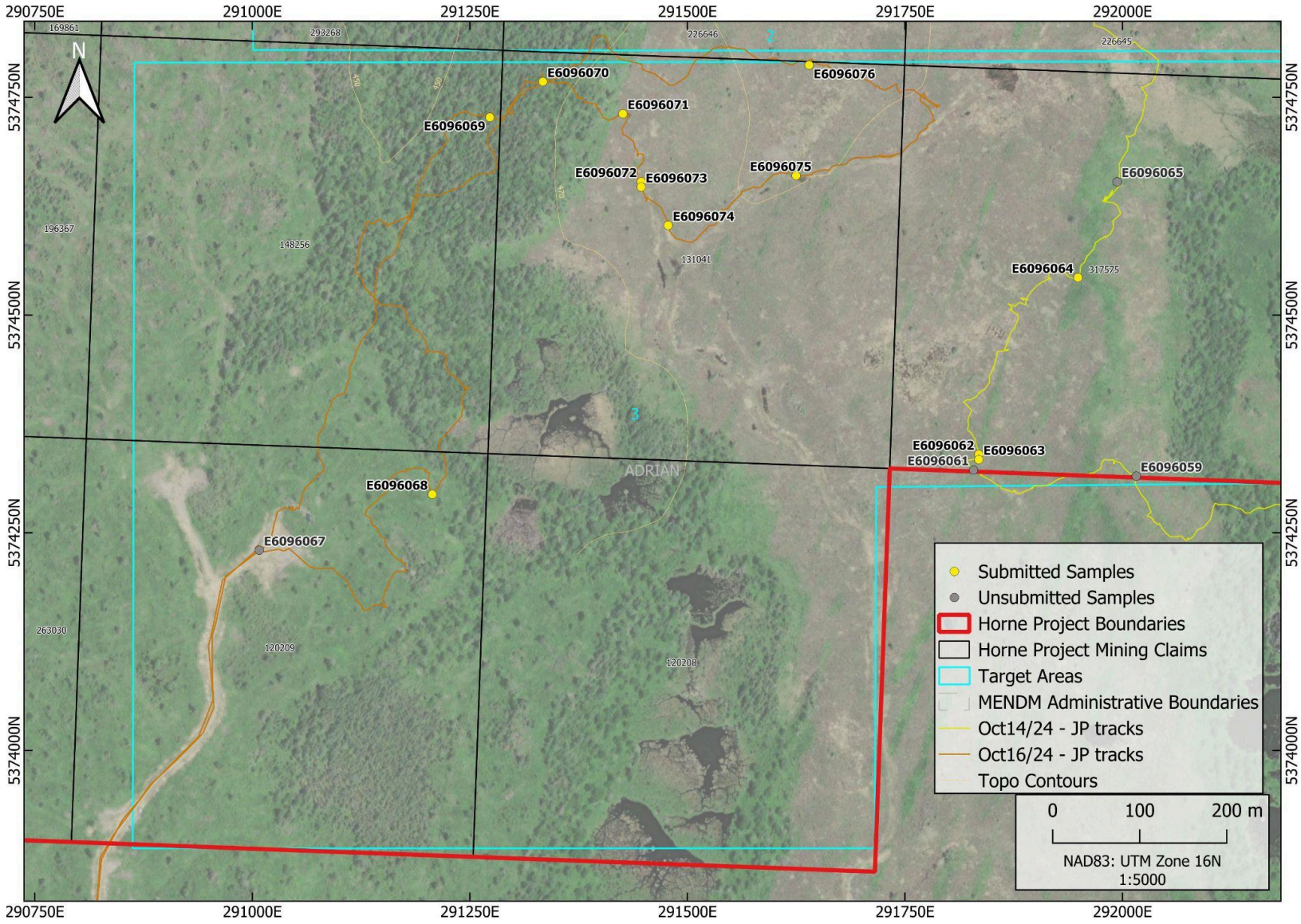

Figure 8: Horne Project 2024 Field Program Target Area 3 Prospecting

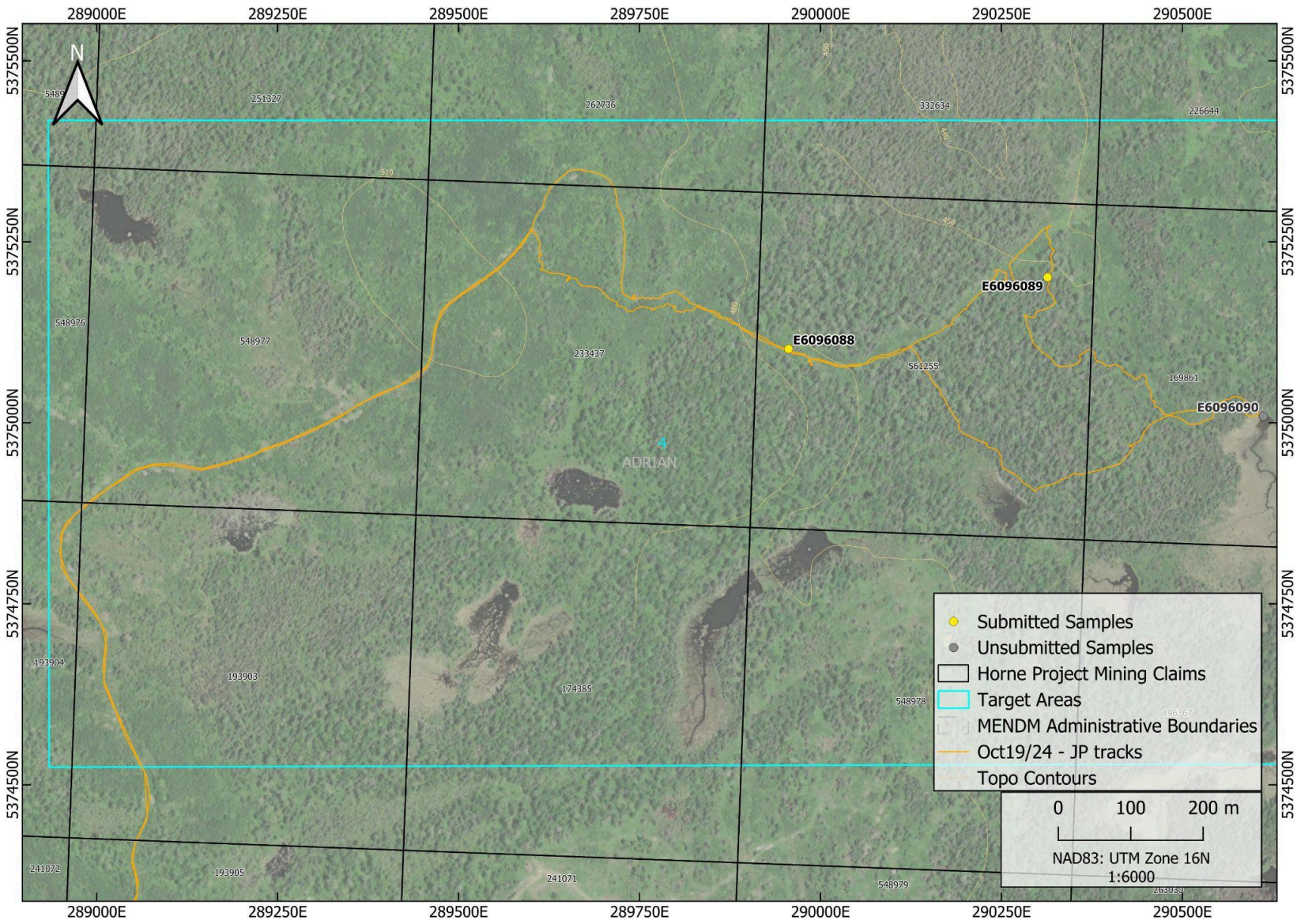

Figure 9: Horne Project 2024 Field Program Target Area 4 Prospecting

8.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

Rock samples were collected and placed in sample polybags with appropriate sample tags and sealed with zip ties. All samples were delivered directly to AGAT Laboratories in Thunder Bay, Ontario, by Clark Exploration staff. AGAT Laboratories is independent of 5042078 Ontario Inc. and Clark Exploration. All samples were analyzed using Fire Assay and 4 Acid Digest procedures.

Summarized from AGAT Laboratories' website:
During the preparation of mineral samples, geological material is broken-down into a fine, dry pulp that can be sub-sampled to provide a representative sample of the original rock. Sample preparation is key in ensuring that the target elements are effectively released from the rock for decomposition and further analysis. Quality protocols including proper handling, safety and sample tracking are followed at AGAT Laboratories during all stages of sample preparation.

Procedures (provided by AGAT Laboratories):

Fire Assay - Au Trace Levels, ICP-OES finish
Sample Decomposition: Fire Assay Fusion, Atomic Absorption Spectroscopy

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead. The bead is digested in 0.5 ml dilute nitric acid in the microwave oven, 0.5 ml concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 ml with demineralized water and analyzed by atomic absorption spectroscopy against matrix-matched standards.
.
4 Acid Digest – ICP-OES
Sample Decomposition: HNO_3 – $HClO_4$ – HF – HCl digestion, HCl Leach (4Acid)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and the resulting solution is analysed by ICP-AES spectrometry. Results are corrected for spectral interelement interferences.

AGAT's Quality System is accredited to international quality standards through the following organizations:

- Standards Council of Canada (SCC)
- Canadian Association for Laboratory Accreditation (CALA)

AGAT Laboratories is accredited and/or certified to the following standards:

- ISO/IEC 17025:2017
- ISO 9001:2015

9.0 CONCLUSIONS AND RECOMMENDATIONS

The program was successful in prospecting and sampling in unexplored parts of the Project and unsuccessful in obtaining anomalous Au values. Some areas of high-sulphide mineralization were identified (samples E6096074, E6096085). The most noteworthy assay results are from sample E6096052, described as an andesitic basalt with 2% disseminated pyrite, with mildly elevated metal values of 105 ppm Co, 1200 ppm Cr, and 2410 ppm Ni.

Recommendations for further exploration at the Horne Project include:

- Additional prospecting of Target Area 3 (specifically in the northwest and central region), following up on the mineralized zones for hand stripping or channel sampling. Targeting the high magnetic anomalies along the northern boundary of the Project is also recommended to evaluate areas that were not targeted during this program. Ultimately this exploration work would be to delineate a target for diamond drilling.

- Due to the lack of outcrop in Target Area 4, a soil geochemistry survey should be considered. A survey grid made up of North-South oriented lines spaced at 200 m with stations along the lines every 100 m would allow for a large area of the Project to be covered. Samples should be collected from the B-horizon and sent for multi-element and gold analysis. Anomalies identified can be refined with a tighter spaced soil survey, followed by diamond drilling or mechanized stripping to test the anomaly.

- Although the assays from the high-sulphide mineralized samples presented only mildly elevated metal values, the areas around them warrant further exploration in the form of additional prospecting or handstripping and channel sampling.

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12.0 CERTIFICATE AND QUALIFICATIONS

Daniel Chodur
21 Lindale Avenue
Tiny, Ontario
Canada, L9M 0J2
Telephone: 705-543-1631
Email: dchodur@protonmail.com

CERTIFICATE OF QUALIFIED PERSON

I, Daniel Chodur, G.I.T. (#11400), do hereby certify that:

1. I am a consulting geologist with an office at 941 Cobalt Crescent, Thunder Bay, Ontario.

2. I graduated with a Bachelor of Science (Geology) from Acadia University, Wolfville, Nova Scotia in 2022.

3. "Assessment Report" refers to the report titled "Assessment Report On the Horne Project 2024 Field Program Thunder Bay Mining Division Northwestern Ontario", dated January 2025.

4. I am a registered Geoscientist in Training with the Professional Geoscientists of Ontario (#11400).

5. I have worked as a Geologist since I graduated from University.

6. I am the author of this report and am responsible for all sections of this Assessment Report.

7. As of the date of this certificate, and to the best of my knowledge, information and belief, this Assessment Report contains all scientific and technical information that is required to be disclosed to make this Assessment Report not misleading.

Dated this day of January 2025.

"Daniel Chodur"

Daniel Chodur

Daniel Chodur, G.I.T.

APPENDIX I

Horne Project Claims List

TENURE NUM	TITLE TY_1	ISSUE DATE	CLAIM DUE	HOLDER
845213	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845214	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845215	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845216	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845217	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845218	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845219	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
548978	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
548979	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
845220	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845221	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845222	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845223	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845224	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845225	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845226	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845227	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845230	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845228	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845229	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845231	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845232	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845233	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845234	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845235	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845236	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845237	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
845238	Single Cell Mining Claim	2023-07-11	2025-07-11	(100) 5042078 Ontario Inc.
548973	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.

548974	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
548975	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
548976	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
548977	Single Cell Mining Claim	2019-04-27	2025-04-27	(100) 5042078 Ontario Inc.
112185	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
775899	Single Cell Mining Claim	2023-01-14	2025-01-14	(100) 5042078 Ontario Inc.
775900	Single Cell Mining Claim	2023-01-14	2025-01-14	(100) 5042078 Ontario Inc.
775901	Single Cell Mining Claim	2023-01-14	2025-01-14	(100) 5042078 Ontario Inc.
775902	Single Cell Mining Claim	2023-01-14	2025-01-14	(100) 5042078 Ontario Inc.
120208	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
120209	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
131041	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
148256	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
153248	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
153249	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
169861	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
174385	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
174386	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
576338	Single Cell Mining Claim	2020-02-11	2025-02-11	(100) 5042078 Ontario Inc.
576339	Single Cell Mining Claim	2020-02-11	2025-02-11	(100) 5042078 Ontario Inc.
189367	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
193903	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
193904	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
193905	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
196367	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
561255	Single Cell Mining Claim	2019-10-06	2025-10-06	(100) 5042078 Ontario Inc.
219198	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
576340	Single Cell Mining Claim	2020-02-11	2025-02-11	(100) 5042078 Ontario Inc.
226644	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
226645	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
226646	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
233437	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
241071	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.

241072	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
251327	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
262736	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
263030	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
277787	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
726943	Single Cell Mining Claim	2022-05-20	2025-05-20	(100) 5042078 Ontario Inc.
293268	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
300026	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
317575	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
315090	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
321894	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
321895	Single Cell Mining Claim	2018-04-10	2025-04-27	(100) 5042078 Ontario Inc.
332633	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
332634	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.
330659	Single Cell Mining Claim	2018-04-10	2025-02-08	(100) 5042078 Ontario Inc.

APPENDIX II

Daily Logs

Geologist: Jordan Peterzon

Field Partner: Trevor Lavack

October 12th, 2024

Overcast with sun in the afternoon, 5-10 degrees.

Loaded up quads at the office and got to the field at 9. drove the quads up the northeastern extent of the roads beside the claim boundary to see access into the target high mag area. Drove quads into target 1 - 2 intersection and started taking samples. ended at the extent of quad trail and hiked into the high mag zone of target 1 in the northern claims. Not a lot of visible outcrop along the southwestern extent of the high mag zone, but the south eastern had good exposure. Hiked approximately 2.5km through thick brush and dense forest into the high mag area. Took 5 samples in total today. Hiked back to quads for 4pm and left the field at 4:30 to get to town for 5:30 and offload data.

The main lithos observed were basalt and feldspar porphyry. Mineralization is predominantly pyrite at 1% with occasional chalcopyrite, both are disseminated. Alteration is variable, but mostly weak to moderate silica alteration.

October 13th, 2024

Partly cloudy, wind and rain, ~5 deg C.

Arrived at the field at 8:20 and hiked off road towards the southern mag anomaly of target area 1. Both high mag areas are covered by swamp or pond, so samples and stations were taken around the exterior when possible. Main lithologies sampled were feldspar porphyry and a fresh vesicular basalt.

Rain started to get more intense around 12pm, resulting in us heading to the truck to warm up. The weather got worse. Decided to scope out the remainder of the southern mag anomalies in the target zones to see access. Found good access spots for southern areas of target zones 1 and 2. Left field around 2:15 and got to town around 3:30 to upload data and organize samples.

October 14th, 2024

Clouds, freezing rain and snow, 2 deg C

Took quads to the southeastern area of map and hiked in to the claim boundaries. Sampled and collected stations along southeastern boundaries and hiked north, just outside target area 1. 7 samples were collected in total, consisting of QFP, basalt, and quartz veins. Up to 2% disseminated sulfides present in some samples, with varying degrees of alteration (sericite, hematite, epidote, chlorite). It rained heavily throughout the day. Found good access spots for the northeastern extent of target zones 1 and 2, which

will be the goal for Wednesday the 16th. Hiked out to the road and walked back to quads. Left field at 3:45 as a freezing rain storm began.

October 16th, 2024

Clear skies, frost in the morning, warming up in the afternoon (-1 to 15 deg C)

Took quads into the southern access for target zone 1. Hiked into the east and up north crossing 2 mag highs. Good walking in the forest with some game trails. Lots of outcrop exposure, mainly partially mineralized intermediate to mafic volcanics. The mag high had mineralization up to 3% locally with pyrite + chalcopyrite and potentially galena. Fairly altered and sheared rock in the high mag zone. Hiked northwest until 3:45 then back to the quads to get to the truck for 4:15, left field at 4:30. Saw a cow moose in the early morning.

October 17th, 2024

Clear skies, cold in the morning (2) warmed up in the afternoon (15 deg C)

Took quads to the end of the access road of the eastern section of target 2. Hiked into the clearings and took outcrop samples and stations of mainly basalt with some (up to 1% mineralization). Spent the majority of the morning doing infill stations and sampling. Afternoon focused on the intercept of target 1 and 2. Very little outcrop exposure in the forested areas, and little mineralization present. The clear cut areas had better outcrop exposure. Took the quads up the northern road off claims to scope out access to the northern areas of target 1. Left field at 4.

October 18th, 2024

Clear skies, 6 degrees in the morning, 19 in the afternoon.

Took quads to the end of Adrian Lake North Rd. Dipped in the bush to the north to see what outcrop exposure was like and infill tracks. Then hiked to the extent of the northernmost claims and target 1. Grabbed samples of mineralized intermediate volcanics and less-mineralized volcanics in the north. Really thick bush on the way to the northern boundary but forest opens up nicely once up there. Hiked back to quads grabbing stations on the way. Left field at 4.

October 19th, 2024

Overcast and rainy. 5 degrees most of the day, warming up to about 10 in the afternoon.

Grabbed quads from the stash spot and took them on the trailer to Adrian Lake. Took quads to the target area 3. Went up the extent of the accessible road then parked quads and hiked across the southern area until coming across an old skidder trail. Good bit of basalt to intermediate volcanics that are weakly sheared and show little mineralization. Few float/subcrop samples with up to 1% patchy pyrite. Really thick bush with very little outcrop exposure. Hiked to the eastern extent and turned around once hitting the lake. It would be worth coming back to explore the northern part of the target zone.

APPENDIX III

Rock Sample Descriptions (Submitted for Assay)

Sample Number	UTM Easting	UTM Northing	Date Created	Geologist	Type	Rock Type	Grain Size	Colour	Sulphides	Sulphide %	Sulphide Style	Description
E6096052	291426	5375421	2024-10-12T11:14:57-04:00	Jordan Peterzon	Outcrop	Basalt	Medium	Green-Grey	Pyrite	2	Disseminated	medium grained intermediate volcanic to basalt. Grey. 2% disseminated py
E6096054	291184	5375956	2024-10-12T14:29:49-04:00	Jordan Peterzon	Subcrop	Feldspar Porphyry	Medium	Grey	Pyrite	1	Disseminated	Medium grained intermediate volcanic to QFP. Up to 1% py. No predominant alteration (moderate silica). light grey.
E6096055	291160	5375775	2024-10-12T14:59:54-04:00	Jordan Peterzon	Outcrop	Basalt	Very Fine	Drk Grey	Chalcopyrite	2	Disseminated	Fine grained basalt. dark grey. up to 2% local CCP disseminated. Minor rusting.
E6096057	291570	5375413	2024-10-13T09:54:11-04:00	Jordan Peterzon	Outcrop	Feldspar Porphyry	Medium	Grey	Pyrite	1	Disseminated	Medium to fine grained. intermediate volcanic. Grey. Up to 1% disseminated pyrite.
E6096062	291835	5374334	2024-10-14T10:52:05-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Red-Brown	Pyrite	2	Blebby	Rusted intermediate volcanic. Medium grained. Red to brown from alteration. Up to 2% blebby pyrite.
E6096063	291835	5374334	2024-10-14T11:02:29-04:00	Jordan Peterzon	Outcrop	Quartz Vein	Pegmatitic	White	Pyrite	1	Selvage	Coarse grained quartz vein. Minor rusting. Mica and tourmaline(?) present. Some trace pyrite.
E6096064	291949	5374543	2024-10-14T11:42:40-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Fine	Green-Grey	Pyrite	2	Patchy	Medium to fine grained intermediate volcanic. Grey to greenish. up to 2% patchy pyrite.
E6096066	292005	5374912	2024-10-14T13:37:53-04:00	Jordan Peterzon	Float	Quartz Vein	Coarse	White	Pyrite	1	Disseminated	Coarse to medium grained qtz vein. Minor rusting. up to 1% py.
E6096068	291207	5374294	2024-10-16T11:30:32-04:00	Jordan Peterzon	Subcrop	Quartz Vein	Coarse	White	Pyrite	Trace	Disseminated	qtz vein beside outcrop. rusty. trace py. hosted in mafic volcanic. coarse grained
E6096069	291273	5374727	2024-10-16T12:24:19-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Fine	Grey	Pyrite	2	Disseminated	Intermediate volcanic. grey with silica alt. disseminated rusted sulfides throughout. no evident fabric. mag sus 271
E6096070	291334	5374768	2024-10-16T12:52:03-04:00	Jordan Peterzon	Subcrop	Intermediate Volcanic	NA	Grey	Pyrite	3	Patchy	intermediate volcanic. grey. silica altered strong sulfide presence up to 3% locally. not entirely rusted out. mag sus
E6096071	291426	5374731	2024-10-16T13:14:15-04:00	Jordan Peterzon	Outcrop	Mafic Volcanic	Fine	Grey	Pyrite	2	Disseminated	sheared volcanic. rusted. sulfides up to 2%. fine grained dark grey. mag sus 272. east west trending
E6096072	291447	5374647	2024-10-16T13:41:24-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Grey	Pyrite	2	Disseminated	intermediate volcanic. Light grey. sulfides present up to 2%. qtz veining also present. 2 samples taken 1 of vein 1 of host rock. mag sus 273
E6096073	291447	5374647	2024-10-16T13:41:24-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Grey	Pyrite	2	Disseminated	intermediate volcanic. Light grey. sulfides present up to 2%. qtz veining also present. 2 samples taken 1 of vein 1 of host rock. mag sus 274
E6096074	291478	5374603	2024-10-16T14:07:58-04:00	Jordan Peterzon	Outcrop	Mafic Volcanic	Medium	Red-Brown	Chalcopyrite	5	Disseminated	reddish-brown fine grained. lots of sulfides up to 5% py ccp abandoned pyr. si and fe rich. mag sus 274
E6096075	291625	5374660	2024-10-16T14:27:13-04:00	Jordan Peterzon	Float	Intermediate Volcanic	Medium	Red-Brown	Pyrite	3	Massive	rusty float just beside outcrop of same Litho. sulfide rich up to 5% py ccp. strongly altered reddish-brown. mag sus 275
E6096076	291640	5374787	2024-10-16T15:00:41-04:00	Jordan Peterzon	Outcrop	Mafic Volcanic	Fine	Drk Grey	Pyrite	1	Disseminated	sheared mafic volcanic. remnant pyrite up to 1%. moderately altered and rusty Mag sus 277
E6096077	292084	5375451	2024-10-17T09:38:44-04:00	Jordan Peterzon	Outcrop	Basalt	Fine	Grey	Pyrite	1	Disseminated	sheared basalt. fine grained. moderate silica alt. up to 1% disseminated pyrite +-chalcopyrite. grey with some rust. mag sus 278.
E6096079	292056	5375486	2024-10-17T11:15:23-04:00	Jordan Peterzon	Outcrop	Basalt	Fine	Grey	Pyrite	2	Disseminated	weakly sheared basalt. up to 2% disseminated pyrite and ccp. not really altered, minor silica. grey and fine grained,. mag sus 284
E6096083	291200	5375563	2024-10-18T11:36:15-04:00	Jordan Peterzon	Subcrop	Intermediate volcanic	Medium	Grey	Pyrite	1	Disseminated	intermediate volcanic. up to 1% pyrite and ccp. sample number
E6096088	289956	5375102	2024-10-19T11:34:25-04:00	Jordan Peterzon	Float	Mafic Volcanic	Fine	Grey	Pyrite	2	Patchy	angular float in an area with basement outcrop. dark grey, basalt. very fine grained 2% patchy sulfides (pyrite mainly). mag sus 306
E6096089	290314	5375201	2024-10-19T12:26:31-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	NA	Medium	Pyrite	1	Disseminated	medium grained intermediate volcanic. grey. rusty sulfides. mag sus 307

APPENDIX IV

Rock Sample Descriptions (Not Submitted)

Sample Number	UTM Easting	UTM Northing	Date Created	Geologist	Type	Rock Type	Grain Size	Colour	Sulphides	Sulphide %	Sulphide Style	Description
E6096051	291810	5375465	2024-10-12T10:32:46-04:00	Jordan Peterzon	Subcrop	Basalt	Medium	Green-Grey	Pyrite	1	Disseminated	medium grained basalt. grey. weak silica alteration. up to 1% pyrite disseminated.
E6096053	291134	5376020	2024-10-12T14:00:19-04:00	Jordan Peterzon	Outcrop	Feldspar Porphyry	Medium	Grey	Pyrite	Trace	Disseminated	Medium grained intermediate volcanic to QFP. Trace disseminated py. No predominant alteration (moderate silica). grey.
E6096056	291588	5375416	2024-10-13T09:35:53-04:00	Jordan Peterzon	Subcrop	Basalt	Fine	Drk Grey	Pyrite	1	Disseminated	fine grained basalt to intermediate volcanic. up to 1% disseminated pyrite. dark grey. Some silica alteration.
E6096058	291497	5375278	2024-10-13T10:42:11-04:00	Jordan Peterzon	Outcrop	Basalt	Medium	Green	Pyrite	Trace	Disseminated	Medium grained. dark grey. likely basalt. trace disseminated pyrite. weak chlorite alteration.
E6096059	292016	5374315	2024-10-14T09:48:57-04:00	Jordan Peterzon	Outcrop	Basalt	Fine	Green-Grey	Pyrite	1	Disseminated	Fine grained basalt. up to 1% diss py. Weak silica alteration. Grey
E6096061	291829	5374322	2024-10-14T10:35:07-04:00	Jordan Peterzon	Outcrop	Basalt	Fine	Grey	Pyrite	Trace	Disseminated	Fine grained basalt. trace py. Grey.
E6096065	291994	5374653	2024-10-14T12:27:28-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Fine	Red-Brown	Pyrite	Trace	Disseminated	Fine grained intermediate volcanic. Reddish brown with trace diss py
E6096067	291008	5374230	2024-10-16T10:40:50-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Very Fine	Grey	Pyrite	1	Stringer	cherty and hematite rich sheared volcanic. visible stringer pyrite up to 1% very fine grained.
E6096078	292207	5375661	2024-10-17T10:08:06-04:00	Jordan Peterzon	Outcrop	Basalt	Fine	Grey	Pyrite	Trace	Disseminated	sheared fine grained basalt. grey and rusty. trace pyrite disseminated. likely fe alt. roughly e-w shear. mag sus 280
E6096080	291753	5375378	2024-10-17T12:17:46-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Light Grey	Pyrite	Trace	Disseminated	grey intermediate volcanic. medium grained. some visible pyrite. silica and sericite altered. mag sus 286
E6096081	291646	5375188	2024-10-17T13:04:43-04:00	Jordan Peterzon	Float	Basalt	Very Fine	Drk Grey	Pyrite	1	Nodules	fine grained basalt float. dark grey. nodule filled pyrite . mag sus 289.
E6096082	291724	5375694	2024-10-18T12:03:32-04:01	Jordan Peterzon	Outcrop	Mafic Volcanic	Medium	Grey	Nul	0	Nul	fine grained dark grey mafic volcanic. minor qtz vein, no obvious sulfides. rusty. mag sus 296.
E6096084	291154	5375868	2024-10-18T12:16:11-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Grey	Pyrite	4	Disseminated	mag sus 298 juicy pyrite in a large cliff side outcrop. silica and rusty alt. grey.
E6096085	291206	5375945	2024-10-18T12:39:34-04:00	Jordan Peterzon	Float	Mafic Volcanic	Medium	Grey	Pyrite	10	Massive	float sample. mafic volcanic. super rusty. up to 4% pyrite and ccp.
E6096086	291280	5376529	2024-10-18T13:52:25-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	Medium	Grey	Pyrite	0	Nul	intermediate volcanic. no observed min. medium e grained and grey. mag sus 300.
E6096090	290612	5375009	2024-10-19T13:20:23-04:00	Jordan Peterzon	Outcrop	Intermediate Volcanic	NA	Medium	Pyrite	1	Disseminated	volcaniclastic? medium to fine grained. no obvious sulfides but sort of rusty. clasts make it look like conglomerate

APPENDIX V

Assay Certificates

AGAT Laboratories

2620 21st Street NE
CALGARY, ALBERTA
CANADA T2E 7L3
TEL (403) 765-1200

http://www.agatlabs.com

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.
941 COBALT CRESCENT
THUNDER BAY, ON P7B 5Z4
807-622-3284

ATTENTION TO: Garry Clark
PROJECT: Horne Project
AGAT WORK ORDER: 24B212785
FIRE ASSAY REVIEWED BY: Haoran Jing, Lab Tech
FINAL REVIEW REVIEWED BY: Mark Scheible, Report Writer
PRODUCTION CHEMISTRY REVIEWED BY: Mark Scheible, Report Writer
SOLID ANALYSIS REVIEWED BY: Haoran Jing, Lab Tech
DATE REPORTED: Nov 01, 2024
PAGES (INCLUDING COVER): 12

Should you require any information regarding this analysis please contact your client services representative at (403) 765-1200

*Notes

Disclaimer:

- *All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.*
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Certificate of Analysis

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 01, 2024 | SAMPLE TYPE: Rock

	Analyte:	Au
	Unit:	ppm
Sample ID (AGAT ID)	RDL:	0.002
E6096084 (6254092)		<0.002
E6096085 (6254093)		0.003

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 01, 2024 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
Sample ID (AGAT ID) RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.01	5	0.01
E6096084 (6254092)	<0.5	4.91	2	210	<0.5	<1	4.79	5.6	39	510	71.2	8.43	15	0.42
E6096085 (6254093)	0.7	2.42	2	142	<0.5	4	0.33	1.5	48	25.7	201	13.6	10	0.32

Analyte:	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	2	1	0.01	1	0.5	0.01	0.5	10	1	0.01	1	1	1	5
E6096084 (6254092)	4	44	2.24	956	0.5	0.04	97.7	195	11	3.68	<1	32	109	<5
E6096085 (6254093)	3	19	0.94	785	2.0	0.16	102	203	18	9.78	<1	3	7	<5

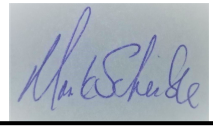
Analyte:	Ti	Tl	U	V	W	Zn
Unit:	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	5	5	0.5	1	0.5
E6096084 (6254092)	0.35	<5	5	184	18	2670
E6096085 (6254093)	0.08	<5	15	23.7	<1	49.1

Comments: RDL - Reported Detection Limit

6254092-6254093 As, Sb values may be low due to digestion losses.
Analysis completed at AGAT 2620 Calgary

Analysis performed at AGAT Calgary (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(200-) Sample Login Weight

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 01, 2024 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
E6096084 (6254092)	2.422
E6096085 (6254093)	1.172

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

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Certificate of Analysis

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 01, 2024 | SAMPLE TYPE: Rock

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.1
E6096084 (6254092)	86.5

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

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Certificate of Analysis

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 01, 2024 | SAMPLE TYPE: Rock

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.1
E6096084 (6254092)	95.6

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Quality Assurance - Replicate

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Ag	6254092	<0.5	<0.5	NA	6254093	0.7	0.6	NA								
Al	6254092	4.91	5.29	7.5%	6254093	2.42	2.11	13.7%								
As	6254092	2	2	NA	6254093	2	2	NA								
Ba	6254092	210	232	10.0%	6254093	142	138	2.9%								
Be	6254092	<0.5	<0.5	NA	6254093	<0.5	<0.5	NA								
Bi	6254092	<1	<1	NA	6254093	4	3	NA								
Ca	6254092	4.79	5.32	10.5%	6254093	0.33	0.28	16.4%								
Cd	6254092	5.6	6.4	13.3%	6254093	1.5	1.6	NA								
Co	6254092	39	44	12.0%	6254093	48	55	13.6%								
Cr	6254092	510	546	6.8%	6254093	25.7	22.5	13.3%								
Cu	6254092	71.2	78.6	9.9%	6254093	201	246	20.1%								
Fe	6254092	8.43	9.26	9.4%	6254093	13.6	14.0	2.9%								
Ga	6254092	15	16	NA	6254093	10	9	NA								
K	6254092	0.42	0.46	9.1%	6254093	0.32	0.30	6.5%								
La	6254092	4	5	NA	6254093	3	3	NA								
Li	6254092	44	49	10.8%	6254093	19	16	17.1%								
Mg	6254092	2.24	2.49	10.6%	6254093	0.94	0.90	4.3%								
Mn	6254092	956	1070	11.3%	6254093	785	774	1.4%								
Mo	6254092	0.5	0.6	NA	6254093	2.0	2.0	NA								
Na	6254092	0.04	0.04	NA	6254093	0.16	0.13	20.7%								
Ni	6254092	97.7	110	11.8%	6254093	102	122	17.9%								
P	6254092	195	216	10.2%	6254093	203	195	4.0%								
Pb	6254092	11	12	8.7%	6254093	18	19	5.4%								
S	6254092	3.68	4.12	11.3%	6254093	9.78	>0.00	NA								
Sb	6254092	<1	1	NA	6254093	<1	<1	NA								
Sc	6254092	32	36	11.8%	6254093	3	3	NA								
Sr	6254092	109	121	10.4%	6254093	7	6	NA								
Th	6254092	<5	<5	NA	6254093	<5	<5	NA								
Ti	6254092	0.35	0.39	10.8%	6254093	0.08	0.07	NA								
Tl	6254092	<5	<5	NA	6254093	<5	<5	NA								
U	6254092	5	7	NA	6254093	15	17	NA								

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Quality Assurance - Replicate

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

V	6254092	184	208	12.2%	6254093	23.7	22.1	7.0%								
W	6254092	18	19	5.4%	6254093	<1	1	NA								
Zn	6254092	2670	2900	8.3%	6254093	49.1	41.3	17.3%								
(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)																
	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	6254092	<0.002	<0.002	NA	6254093	0.003	0.003	NA								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

	CRM #1 (Ref.Oreas 85)			
Parameter	Expect	Actual	Recovery	Limits
Ag	0.581	0.668		
Al	6.77	6.59		
As	2.12	0.185		
Ba	82.0	81.6		
Ca	6.34	6.16		
Co	178	170		
Cr	480	510		
Cu	1760	1650		
Fe	9.53	8.38		
Ga	11.5	10.0		
K	0.208	0.231		
La	3.89	4.35		
Li	7.72	8.51		
Mg	8.20	7.77		
Mn	1280	1300		
Mo	1.54	1.44		
Na	1.02	1.11		
Ni	3440	3290		
P	250	246		
Pb	5.50	5.71		
S	2.01	1.94		
Sc	28.0	28.4		
Sr	140	144		
Ti	0.267	0.256		
V	151	147		
Zn	79.0	66.3		

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

	CRM #1 (ref.CM51)			
Parameter	Expect	Actual	Recovery	Limits
Au	0.46	0.39		

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ag	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Al	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
As	MIN-283-12008 & MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ba	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Be	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Bi	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ca	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cd	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Co	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cr	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cu	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Fe	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ga	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
K	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
La	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Li	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mg	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mn	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mo	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Na	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ni	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
P	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Pb	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
S	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sb	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sc	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sr	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212785

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Th	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ti	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Tl	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
U	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
V	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
W	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Zn	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE

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CLIENT NAME: CLARK EXPLORATION CONSULTING INC.
941 COBALT CRESCENT
THUNDER BAY, ON P7B 5Z4
807-622-3284

ATTENTION TO: Garry Clark
PROJECT: Horne Project
AGAT WORK ORDER: 24B212787
FIRE ASSAY REVIEWED BY: Sampada Neupane, Lab Technician
FINAL REVIEW REVIEWED BY: Mark Scheible, Report Writer
PRODUCTION CHEMISTRY REVIEWED BY: Mark Scheible, Report Writer
SOLID ANALYSIS REVIEWED BY: Mark Scheible, Report Writer
DATE REPORTED: Nov 20, 2024
PAGES (INCLUDING COVER): 15

Should you require any information regarding this analysis please contact your client services representative at (403) 765-1200

*Notes

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Certificate of Analysis

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample ID (AGAT ID) RDL:	0.002
E6096052 (6254230)	0.006
E6096054 (6254231)	0.005
E6096055 (6254232)	0.006
E6096057 (6254233)	0.002
E6096062 (6254234)	0.008
E6096063 (6254235)	0.012
E6096064 (6254236)	0.008
E6096066 (6254237)	0.008
E6096068 (6254238)	<0.002
E6096069 (6254239)	<0.002
E6096070 (6254240)	<0.002
E6096071 (6254241)	<0.002
E6096072 (6254242)	0.006
E6096073 (6254243)	0.007
E6096074 (6254244)	0.010
E6096075 (6254245)	0.008
E6096076 (6254246)	0.004
E6096077 (6254247)	0.006
E6096079 (6254248)	0.007
E6096083 (6254249)	0.006
E6096087 (6254250)	0.008
E6096088 (6254251)	0.007
E6096089 (6254252)	0.005

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
Sample ID (AGAT ID) RDL:	0.5	0.01	1	1	0.5	1	0.01	0.5	1	0.5	0.5	0.01	5	0.01
E6096052 (6254230)	<0.5	1.02	7	6	<0.5	2	1.01	<0.5	105	1200	3.6	6.06	<5	0.01
E6096054 (6254231)	<0.5	7.11	12	433	<0.5	<1	3.86	<0.5	49	300	89.1	5.85	16	0.85
E6096055 (6254232)	0.8	6.16	3	681	1.4	6	0.23	<0.5	23	32.7	135	10.8	18	3.56
E6096057 (6254233)	1.6	7.55	6	451	1.3	<1	5.86	<0.5	41	9.0	15.7	9.30	22	1.13
E6096062 (6254234)	0.7	3.41	7	11	0.7	6	0.21	<0.5	8	103	101	11.7	12	0.11
E6096063 (6254235)	<0.5	2.37	163	246	<0.5	<1	1.18	0.7	7	85.0	4.0	2.10	6	2.09
E6096064 (6254236)	<0.5	6.89	2	44	<0.5	2	6.80	<0.5	45	100	104	7.14	16	0.31
E6096066 (6254237)	<0.5	4.73	1	11	<0.5	<1	5.72	<0.5	2	25.7	85.5	2.15	23	0.05
E6096068 (6254238)	<0.5	0.34	<1	28	<0.5	1	0.35	<0.5	1	19.8	1.7	4.84	<5	0.14
E6096069 (6254239)	0.6	7.00	6	28	<0.5	5	7.16	<0.5	103	1420	95.9	7.20	16	0.10
E6096070 (6254240)	<0.5	7.69	2	142	<0.5	<1	6.33	<0.5	49	162	110	6.65	16	0.23
E6096071 (6254241)	<0.5	0.49	33	115	<0.5	<1	0.04	<0.5	4	32.0	7.3	0.79	<5	0.24
E6096072 (6254242)	0.7	2.04	38	8	<0.5	<1	28.2	<0.5	20	220	18.8	3.20	<5	0.12
E6096073 (6254243)	0.8	6.75	8	646	1.6	6	0.66	<0.5	20	120	77.9	10.0	20	2.97
E6096074 (6254244)	<0.5	0.06	4	3	<0.5	2	0.15	<0.5	3	22.4	29.5	6.19	<5	0.02
E6096075 (6254245)	<0.5	5.75	3	330	0.6	2	0.29	<0.5	7	19.3	33.8	4.09	14	1.81
E6096076 (6254246)	0.7	7.43	3	774	0.9	6	0.77	<0.5	13	56.3	40.3	9.81	16	4.58
E6096077 (6254247)	<0.5	6.42	1	132	<0.5	3	6.88	<0.5	61	515	120	6.84	14	0.34
E6096079 (6254248)	<0.5	6.05	4	311	<0.5	3	6.93	<0.5	55	484	92.1	7.61	13	0.32
E6096083 (6254249)	0.5	5.46	2	337	<0.5	2	1.86	<0.5	13	27.5	8.2	2.82	13	3.06
E6096087 (6254250)	<0.5	9.08	15	399	0.8	<1	1.35	<0.5	15	34.5	18.1	5.05	24	1.01
E6096088 (6254251)	1.6	8.87	5	529	2.4	4	0.40	<0.5	5	12.4	48.9	8.95	22	2.88
E6096089 (6254252)	<0.5	6.37	15	62	<0.5	3	9.36	<0.5	67	712	87.6	5.76	14	0.16

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Certificate of Analysis

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	2	1	0.01	1	0.5	0.01	0.5	10	1	0.01	1	1	1	5
E6096052 (6254230)	<2	<1	17.1	774	<0.5	<0.01	2410	46	1	0.15	1	8	7	<5
E6096054 (6254231)	3	59	3.91	1440	0.6	1.58	296	273	3	0.32	2	41	99	<5
E6096055 (6254232)	23	10	1.27	562	3.3	0.05	41.4	398	8	1.53	<1	8	20	<5
E6096057 (6254233)	48	21	2.41	1380	1.5	2.02	13.9	1640	3	0.22	5	21	770	<5
E6096062 (6254234)	11	12	1.63	363	1.0	0.01	34.0	383	11	1.04	<1	5	4	<5
E6096063 (6254235)	4	7	0.42	321	0.7	0.03	28.1	223	2	0.02	1	3	14	<5
E6096064 (6254236)	3	18	3.71	1290	<0.5	1.53	72.1	247	2	0.05	<1	36	193	<5
E6096066 (6254237)	<2	1	0.18	344	<0.5	0.05	9.0	59	3	0.01	3	3	129	<5
E6096068 (6254238)	<2	<1	0.19	280	<0.5	0.02	5.4	134	2	<0.01	<1	<1	11	<5
E6096069 (6254239)	3	12	4.29	2670	<0.5	1.17	910	252	2	0.10	<1	42	91	<5
E6096070 (6254240)	4	9	4.76	1910	<0.5	1.67	123	308	2	0.13	<1	47	158	<5
E6096071 (6254241)	<2	<1	0.06	115	2.0	0.01	5.4	28	4	0.03	<1	3	2	<5
E6096072 (6254242)	3	<1	1.51	4680	<0.5	0.04	127	73	2	<0.01	<1	12	80	<5
E6096073 (6254243)	12	21	2.39	511	0.6	0.43	64.9	663	9	0.60	<1	13	71	<5
E6096074 (6254244)	<2	<1	0.03	105	1.5	<0.01	6.8	210	4	3.88	<1	<1	2	<5
E6096075 (6254245)	11	10	1.12	335	1.0	1.15	12.1	321	12	1.79	<1	4	104	<5
E6096076 (6254246)	18	10	1.79	572	<0.5	0.04	48.0	795	6	0.06	<1	11	21	<5
E6096077 (6254247)	4	10	3.69	1430	<0.5	1.64	170	311	3	0.78	<1	41	153	<5
E6096079 (6254248)	3	10	5.47	1680	<0.5	1.89	153	252	2	0.15	<1	39	196	<5
E6096083 (6254249)	13	8	0.93	369	1.8	0.14	29.9	371	2	0.38	2	7	31	<5
E6096087 (6254250)	20	27	2.17	739	<0.5	3.67	40.3	764	5	1.13	1	10	741	<5
E6096088 (6254251)	39	42	2.47	178	4.6	1.15	22.1	1100	6	0.25	1	6	125	5
E6096089 (6254252)	2	32	6.33	1580	0.5	1.00	346	186	2	0.14	1	36	110	<5

Certified By:

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Certificate of Analysis

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

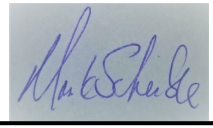
Analyte:	Ti	Tl	U	V	W	Zn
Unit:	%	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID) RDL:	0.01	5	5	0.5	1	0.5
E6096052 (6254230)	0.06	<5	<5	28.8	2	44.4
E6096054 (6254231)	0.43	<5	5	231	2	99.4
E6096055 (6254232)	0.26	<5	10	62.6	<1	118
E6096057 (6254233)	1.56	<5	7	289	<1	144
E6096062 (6254234)	0.15	<5	12	48.0	3	91.6
E6096063 (6254235)	0.05	<5	<5	27.4	<1	242
E6096064 (6254236)	0.44	<5	5	230	<1	89.3
E6096066 (6254237)	0.04	<5	<5	135	<1	11.1
E6096068 (6254238)	0.01	<5	<5	7.6	<1	12.8
E6096069 (6254239)	0.42	<5	<5	232	<1	117
E6096070 (6254240)	0.52	<5	<5	272	<1	102
E6096071 (6254241)	0.02	<5	<5	9.4	<1	27.3
E6096072 (6254242)	0.11	<5	12	56.7	<1	29.5
E6096073 (6254243)	0.37	<5	9	100	<1	114
E6096074 (6254244)	<0.01	<5	<5	2.1	1	6.2
E6096075 (6254245)	0.14	<5	<5	30.6	3	37.0
E6096076 (6254246)	0.32	<5	8	81.3	<1	86.9
E6096077 (6254247)	0.42	<5	<5	227	<1	79.1
E6096079 (6254248)	0.41	<5	7	219	2	111
E6096083 (6254249)	0.22	<5	<5	52.2	<1	22.1
E6096087 (6254250)	0.39	<5	<5	87.1	1	108
E6096088 (6254251)	0.38	<5	8	60.4	<1	65.9
E6096089 (6254252)	0.30	<5	6	196	<1	150

Comments: RDL - Reported Detection Limit

6254230-6254252 As, Sb values may be low due to digestion losses.
Analysis completed at AGAT 2620 Calgary

Analysis performed at AGAT Calgary (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



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AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(200-) Sample Login Weight

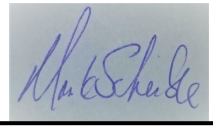
DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight
Unit:	kg
Sample ID (AGAT ID) RDL:	0.005
E6096052 (6254230)	3.678
E6096054 (6254231)	1.749
E6096055 (6254232)	2.790
E6096057 (6254233)	1.560
E6096062 (6254234)	1.730
E6096063 (6254235)	2.230
E6096064 (6254236)	1.490
E6096066 (6254237)	1.530
E6096068 (6254238)	1.290
E6096069 (6254239)	2.070
E6096070 (6254240)	1.700
E6096071 (6254241)	1.650
E6096072 (6254242)	1.150
E6096073 (6254243)	2.290
E6096074 (6254244)	1.370
E6096075 (6254245)	2.250
E6096076 (6254246)	1.210
E6096077 (6254247)	1.650
E6096079 (6254248)	1.810
E6096083 (6254249)	1.190
E6096087 (6254250)	2.230
E6096088 (6254251)	1.140
E6096089 (6254252)	1.370

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



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Certificate of Analysis

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

Sieving - % Passing (Crushing)

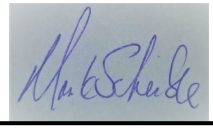
DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	Crush-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.1
E6096052 (6254230)	93.96
E6096087 (6254250)	89.80

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



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AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

Sieving - % Passing (Pulverizing)

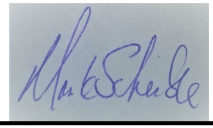
DATE SAMPLED: Oct 23, 2024 | DATE RECEIVED: Oct 24, 2024 | DATE REPORTED: Nov 20, 2024 | SAMPLE TYPE: Rock

Analyte:	Pul-Pass %
Unit:	%
Sample ID (AGAT ID) RDL:	0.1
E6096052 (6254230)	93
E6096054 (6254231)	90

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *)
Insufficient Sample : IS
Sample Not Received : SNR

Certified By:



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Quality Assurance - Replicate

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

	REPLICATE #1				REPLICATE #2				REPLICATE #3							
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD				
Ag	6254237	<0.5	<0.5	NA	6254231	<0.5	<0.5	NA	6254252	<0.5	<0.5	NA				
Al	6254237	4.73	4.69	0.8%	6254231	7.11	7.25	1.9%	6254252	6.37	6.07	4.8%				
As	6254237	1	2	NA	6254231	12	12	0.0%	6254252	15	16	6.5%				
Ba	6254237	11	11	0.0%	6254231	433	431	0.5%	6254252	62	62	0.0%				
Be	6254237	<0.5	<0.5	NA	6254231	<0.5	<0.5	NA	6254252	<0.5	<0.5	NA				
Bi	6254237	<1	<1	NA	6254231	<1	<1	NA	6254252	3	4	NA				
Ca	6254237	5.72	5.82	1.7%	6254231	3.86	3.97	2.8%	6254252	9.36	9.03	3.6%				
Cd	6254237	<0.5	<0.5	NA	6254231	<0.5	<0.5	NA	6254252	<0.5	0.6	NA				
Co	6254237	2	3	NA	6254231	49	48	2.1%	6254252	67	68	1.5%				
Cr	6254237	25.7	20.1	24.5%	6254231	300	315	4.9%	6254252	712	690	3.1%				
Cu	6254237	85.5	86.2	0.8%	6254231	89.1	88.0	1.2%	6254252	87.6	85.0	3.0%				
Fe	6254237	2.15	2.27	5.4%	6254231	5.85	5.84	0.2%	6254252	5.76	5.97	3.6%				
Ga	6254237	23	23	NA	6254231	16	16	NA	6254252	14	14	NA				
K	6254237	0.05	0.05	NA	6254231	0.85	0.86	1.2%	6254252	0.16	0.15	6.5%				
La	6254237	<2	<2	NA	6254231	3	3	NA	6254252	2	2	NA				
Li	6254237	1	<1	NA	6254231	59	60	1.7%	6254252	32	30	6.5%				
Mg	6254237	0.18	0.15	18.2%	6254231	3.91	3.99	2.0%	6254252	6.33	6.29	0.6%				
Mn	6254237	344	361	4.8%	6254231	1440	1450	0.7%	6254252	1580	1600	1.3%				
Mo	6254237	<0.5	<0.5	NA	6254231	0.6	<0.5	NA	6254252	0.5	<0.5	NA				
Na	6254237	0.05	0.05	NA	6254231	1.58	1.61	1.9%	6254252	1.00	0.95	5.1%				
Ni	6254237	9.0	6.1	38.4%	6254231	296	291	1.7%	6254252	346	353	2.0%				
P	6254237	59	61	NA	6254231	273	274	0.4%	6254252	186	182	2.2%				
Pb	6254237	3	3	NA	6254231	3	2	NA	6254252	2	2	NA				
S	6254237	0.01	0.01	NA	6254231	0.32	0.31	3.2%	6254252	0.14	0.14	0.0%				
Sb	6254237	3	3	NA	6254231	2	2	NA	6254252	1	<1	NA				
Sc	6254237	3	3	NA	6254231	41	41	0.0%	6254252	36	37	2.7%				
Sr	6254237	129	136	5.3%	6254231	99	99	0.0%	6254252	110	102	7.5%				
Th	6254237	<5	<5	NA	6254231	<5	<5	NA	6254252	<5	<5	NA				
Ti	6254237	0.04	0.04	NA	6254231	0.43	0.43	0.0%	6254252	0.30	0.31	3.3%				
Tl	6254237	<5	<5	NA	6254231	<5	<5	NA	6254252	<5	<5	NA				
U	6254237	<5	<5	NA	6254231	5	<5	NA	6254252	6	5	NA				

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CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

V	6254237	135	138	2.2%	6254231	231	239	3.4%	6254252	196	190	3.1%				
W	6254237	<1	<1	NA	6254231	2	<1	NA	6254252	<1	<1	NA				
Zn	6254237	11.1	10.1	9.4%	6254231	99.4	100	0.6%	6254252	150	144	4.1%				

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

	REPLICATE #1				REPLICATE #2											
Parameter	Sample ID	Original	Replicate	RPD	Sample ID	Original	Replicate	RPD								
Au	6254231	0.005	0.003	NA	6254245	0.008	0.008	NA								

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

(201-070) 4 Acid Digest - Metals Package, ICP-OES finish (CGY)

	CRM #1 (Ref.Oreas 243)				CRM #2 (Ref.Oreas 85)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Ag	3.04	3.23			0.581	0.704										
Al	6.38	6.40			6.77	6.94										
As	85.0	88.7			2.12	3.78										
Ba	252	246			82.0	81.9										
Be	0.520	0.376														
Ca	5.59	5.75			6.34	6.61										
Cd	0.790	0.742														
Co	39.3	36.2			178	168										
Cr	85.0	84.6			480	494										
Cu	173	174			1760	1820										
Fe	7.55	7.47			9.53	8.75										
Ga	15.4	14.2			11.5	9.92										
K	0.643	0.670			0.208	0.235										
La	6.71	6.54			3.89	3.59										
Li	12.3	11.1			7.72	7.91										
Mg	3.19	3.35			8.20	8.33										
Mn	1260	1260			1280	1290										
Mo	1.93	1.72			1.54	1.46										
Na	2.04	1.92			1.02	1.03										
Ni	65.0	64.8			3440	3270										
P	440	431			250	255										
Pb	38.3	34.0			5.50	6.82										
S	0.527	0.655			2.01	2.09										
Sb	2.24	3.05														
Sc	35.9	36.3			28.0	27.9										
Sr	98.0	84.8			140	146										
Ti	0.600	0.537			0.267	0.249										
V	258	236			151	145										
W	37.7	32.7														
Zn	160	166			79.0	78.7										

(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)

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Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

ATTENTION TO: Garry Clark

	CRM #1 (ref.CM51)				CRM #2 (ref.SS2205)											
Parameter	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits								
Au	0.46	0.40			5.84	5.88										

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-12019	BUGBEE, E: A Textbook of Fire Assaying	AA

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Ag	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Al	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
As	MIN-283-12008 & MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ba	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Be	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Bi	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ca	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cd	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Co	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cr	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Cu	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Fe	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ga	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
K	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
La	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Li	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mg	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mn	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Mo	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Na	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ni	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
P	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Pb	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
S	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sb	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sc	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Sr	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES

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Method Summary

CLIENT NAME: CLARK EXPLORATION CONSULTING INC.

AGAT WORK ORDER: 24B212787

PROJECT: Horne Project

ATTENTION TO: Garry Clark

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Th	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Ti	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Tl	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
U	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
V	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
W	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Zn	MIN-283-12008 and MIN-283-12025	Fletcher, WK: V1, 1981. pp. 58-66	ICP-OES
Solid Analysis			
Sample Login Weight	MIN-12009		BALANCE
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE