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Exploration Assessment Report

Heli Property

District of Thunder Bay,

McMaster, Sterling, Hele and Lyons Townships

NTS 052A16.

Claim 582656

Thunder Bay Mining Division, Ontario, Canada

Benton Resources
684 Squier ST.
Thunder Bay, Ontario
Canada, P7B 4A8

February 8, 2023
Cathy Salo, P.Geol.
Daniel Courtney

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1. Summary

Benton Resources conducted an exploratory diamond drill hole on their Hele Property. The Hele property has been described by HTX Minerals Corp, as a “mafic to ultramafic dike-sill, funnel like body of similar rock types and geochemistry to the Seagull-Disraeli (EW Resources) and Current Lake Intrusive (Magma Metals) complexes”. The rock types hosted by the Hele complex include Peridotite and Olivine Gabbros intruding into the relatively flat lying Proterozoic, Animike and Sibley Sediments of siltstones and red shales. The Intrusives form a northwest trending body approximately 8x3 kms of surface expression and are related to Proterozoic Mid Continental Rifting.

DDH, HE-22-01 was drilled at -80 degree dip, due west to test the potential for Ni-Cu PGE in this favourable geology. This drillhole encountered an apparent layered sequence of Ultramafics, Gabbro, more Ultramafics and then Sibley Sediments of red carbonaceous siltstones with Diabase intruding this lower contact.

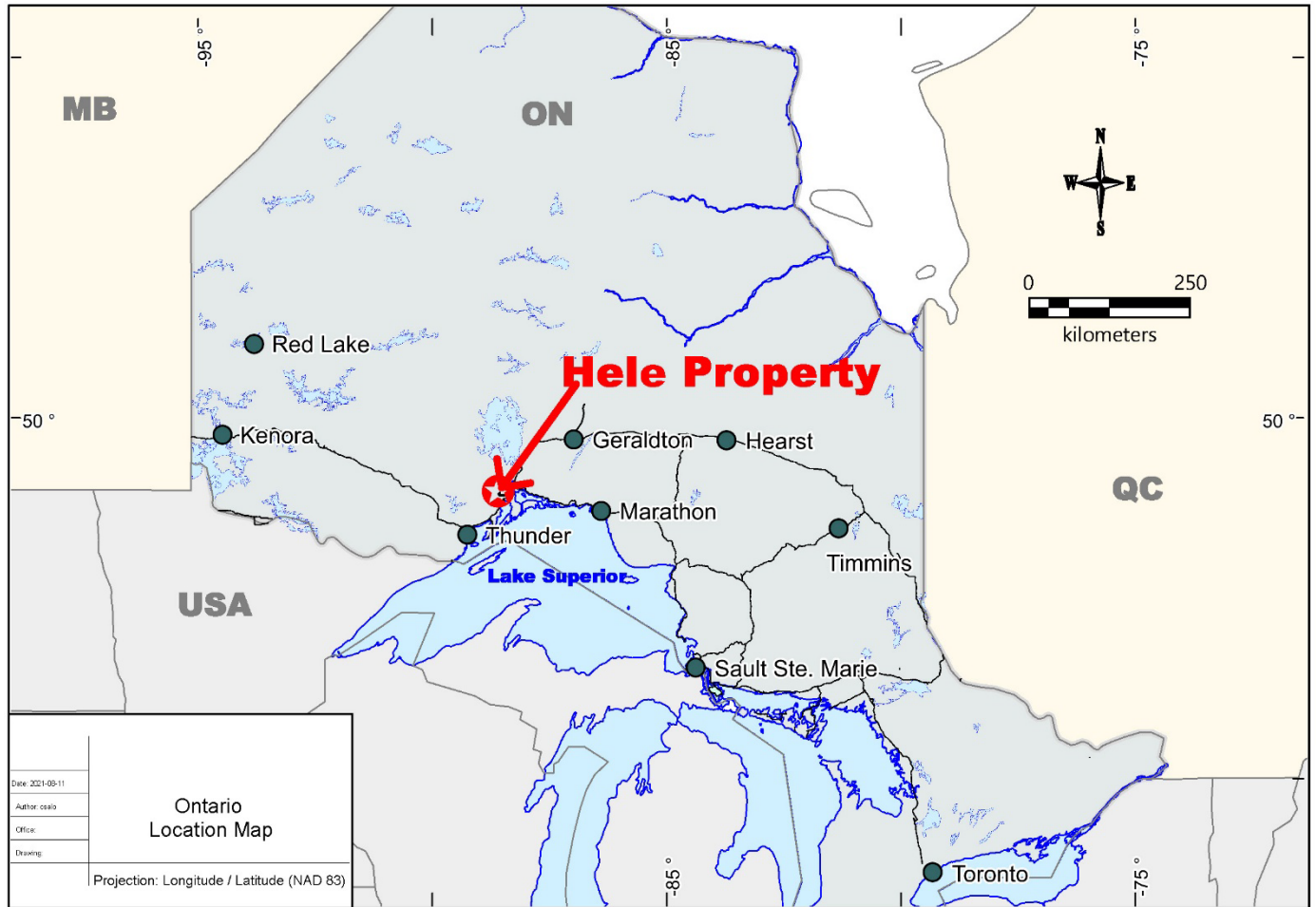


Figure 1: Ontario location map

2. Property Description

The Property consist of 31 claims, 20 of which are single cells and the other 11 are multiple cell samples which makes up 4224.7 hectares. The property is in the townships of McMaster, Sterling, Hele and Lyons in NTS 052A16. The center location of the property is 387,875 m E and 5,420,557 m N. Drilling occurred in claim 582656. See figure 2 for claim map.

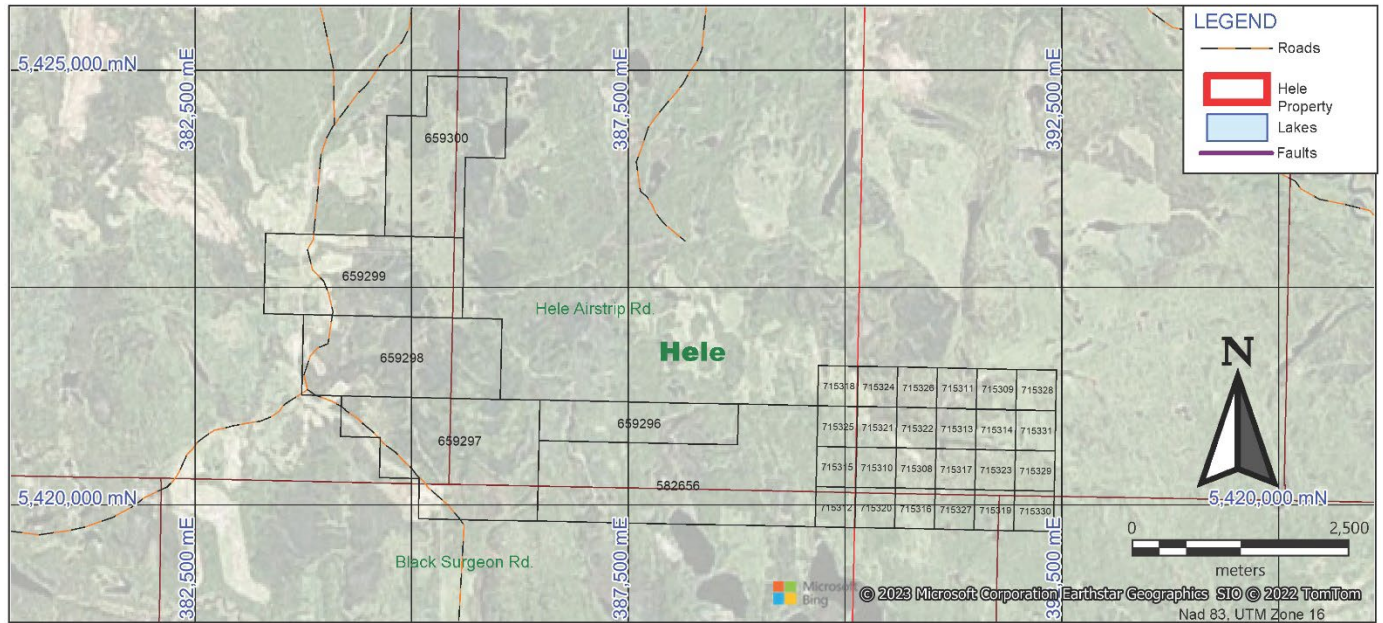


Figure 2: Claim Map.

3. Location and Access

The Hele Property is in north-western Ontario, approximately 75 km north-east of Thunder Bay, approximately 5km north of the Trans-Canada Highway. The property is easily accessible by road through multiple access points including a logging road that cuts across the mineral claims, this makes target areas easily accessible year-round. The Property can be assessed through Black Sturgeon Road on the west or Hele Airstrip Road on the east. See figure 3 for general location of the property and access.

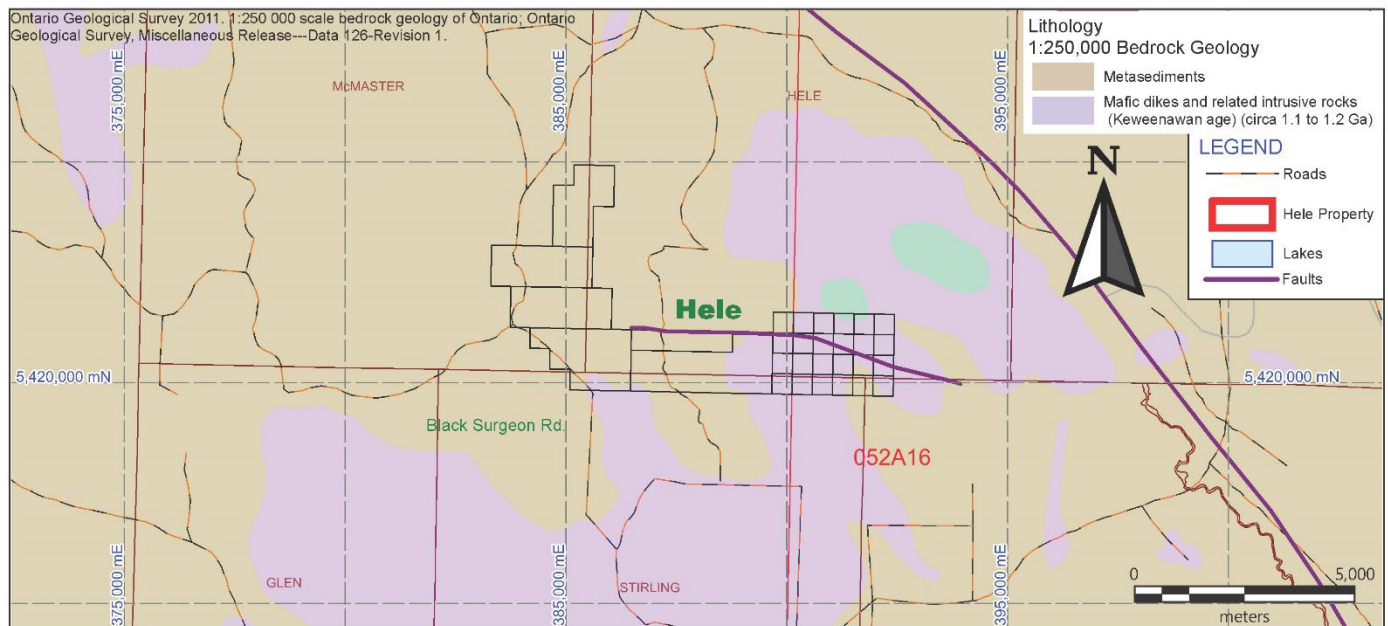


Figure 4: General bedrock geology, 1:250,000

5. Property Geology

The Hele Property has been considered favorable for Cu-Ni-PGE mineralization as a result of its proximity to the Black Sturgeon Fault Zone. The property is also underlain by a large part of a mafic-ultramafic Keweenawan intrusion; similar to an intrusion 35km northwest which is known to host Cu-Ni-PGE mineralization. The Hele Sill, a zoned intrusion of peridotite and olivine-gabbro is the dominating underlying intrusion on the property. The predominant lithologies on the property are mainly mafic to ultramafic volcanics such as diabase sills, dikes and other various volcanic flows and sediments known as the Osler Group. The Sibley Group is also seen on the property which consists of various sediments such as sandstones, and clasts dominated by quartz arenites, with minor basalt and granite fragments. The Hele Property is considered to be favorable for rift-related Ni-Cu-PGE mineralization due to its age similarities and geochemical footprints similar to those of known Ni-Cu-PGE deposits, elevated levels of Ni-Cu and Pt, as well as the previously mentioned proximity to the Black Sturgeon Fault Zone.

6. Mineralization

The Hele property is being explored for Cu-Ni-PGE mineralization. Samples have been taken during prospecting programs over the spring and summer of 2021, but further prospecting and exploration is needed to further understand the property and any potential economic interest there may be. Some mineralized outcrops were found on the property containing minor sulfides.

7. Exploration History

1967, Coats: ODM regional bedrock mapping.

1976, BP Minerals: Exploration for Uranium.

1999-2001, Eastwest Resources and Canadian Golden Dragon Resources: mapping, sampling, ground magnetics and IP Survey, 37km of Mega TEM airborne.

2001-2002, Teck Explorations: under option completed 16km of UTEM ground EM and drilled 2 diamond drill holes totaling 504m.

2003-2005: Ontario Geological Survey completed bedrock mapping.

2009-2010, HTX Minerals: Prospecting, sampling, helicopter VTEM, and 4 diamond drill holes totaling 913m.

8. Exploration Drilling

The compositional changes between the Ultramafic and Gabbroic rocks are gradational suggesting fractionation of the parent magma. The Ultramafics encountered also have elevated Chrome values to 1700 ppm and slightly elevated Cobalt values reaching 93 ppm. Nickel values also mostly correspond well with the geology with relatively strong anomalism, up to 913 ppm, in the Ultramafics as well as some elevated values up to 593 ppm in complex Diabase diking (which may in part be U/M). Whilst Copper assay values are low in the upper Ultramafic unit and the first few meters of the lower Ultramafic, they are anomalous throughout the Gabbro and Diabase (>100 to 385 ppm).

Platinum values returned, display a close correlation with the Ultramafic layers as well as the 'Diabase' reaching 68 ppm near the lower contact of the lower U/M unit. Palladium is weakly anomalous in the Ultramafic units as well ranging from 21 to 99 ppm (the 99 ppm is also located close to the lower contact of the lower U/M).

While the anomalous Base metals and slightly elevated PGE values do not represent economic grade. Geologically the fractionated nature of mafic to ultramafic rocks, the corresponding base metal and PGE anomalism and the age and location of the Hele Complex within the Mid Continental Rift all indicate potential for possible economic enrichment elsewhere or deeper within the intrusive complex.

Recommendations

If possible, acquisition and analyses of magnetic and geophysical surveys of HTX Mineral Corp 2008-2010 data should be undertaken.

Geologically, feeder dikes to the Hele sills are more likely to carry potential for economic grades. An analysis of these data may serve to delineate deeper portions of the Ultramafics or possible feeder dikes and in turn should help in the planning of future diamond drilling. Providing encouragement from the data it is suggested to drill 3 DDH's in areas interpreted to have ultramafic rocks at greater depth. A vertical depth of at least 300m is also recommended for these holes.

Also, consideration to a gravity geophysical survey should be made. Given the density contrasts of the Ultramafic rocks, a gravity survey could serve to delineate the Ultramafics at depth given the complex nature to the magnetics to these host rocks.

9. Qualifications

Cathy Salo, of 475 Francis St. East, Thunder Bay, Ontario, do hereby certify that:

1. I hold a Bachelor of Science Degree in Earth Science (1989) from Memorial University of Newfoundland, St. John's, Newfoundland and Labrador.
2. I have practiced my profession in Ontario since 1989 and have been employed directly by Ontario mining exploration companies since 2002 as the sole proprietary of Salo Geoscience Services.
3. I am a professional geologist.

Cathy Salo, P.Ge

Salo Geoscience Services

Date: February 8, 2023

10. References

Report on 2008 – 2010 Hele Property Exploration Programs for HTX Mineral corp.

Hart, T.R.. 2005 Open File Report 6165 Precambrian Geology of the Southern Black Sturgeon River and Seagull Lake Area, Nipigon Embayment, Northwestern Ontario: Lithogeochemical, Assay and Compilation Data

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.

Appendix I
Claim List

Claim List

Tenure No.	Type	Status	Issue date	Anniversary	Claim due	Holder
582656	Multi-cell Mining Claim	Active	20200324	20230221	20230221	(100) BENTON RESOURCES INC.
659296	Multi-cell Mining Claim	Active	20210602	20230507	20230507	(100) BENTON RESOURCES INC.
659297	Multi-cell Mining Claim	Active	20210602	20230507	20230507	(100) BENTON RESOURCES INC.
659298	Multi-cell Mining Claim	Active	20210602	20230510	20230510	(100) BENTON RESOURCES INC.
659299	Multi-cell Mining Claim	Active	20210602	20230510	20230510	(100) BENTON RESOURCES INC.
659300	Multi-cell Mining Claim	Active	20210602	20230511	20230511	(100) BENTON RESOURCES INC.
715308	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715309	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715310	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715311	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715312	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715313	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715314	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715315	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715316	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715317	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715318	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715319	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715320	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715321	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715322	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715323	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715324	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715325	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715326	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715327	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715328	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715329	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715330	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.
715331	Single Cell Mining Claim	Active	20220321	20240321	20240321	(100) BENTON RESOURCES INC.

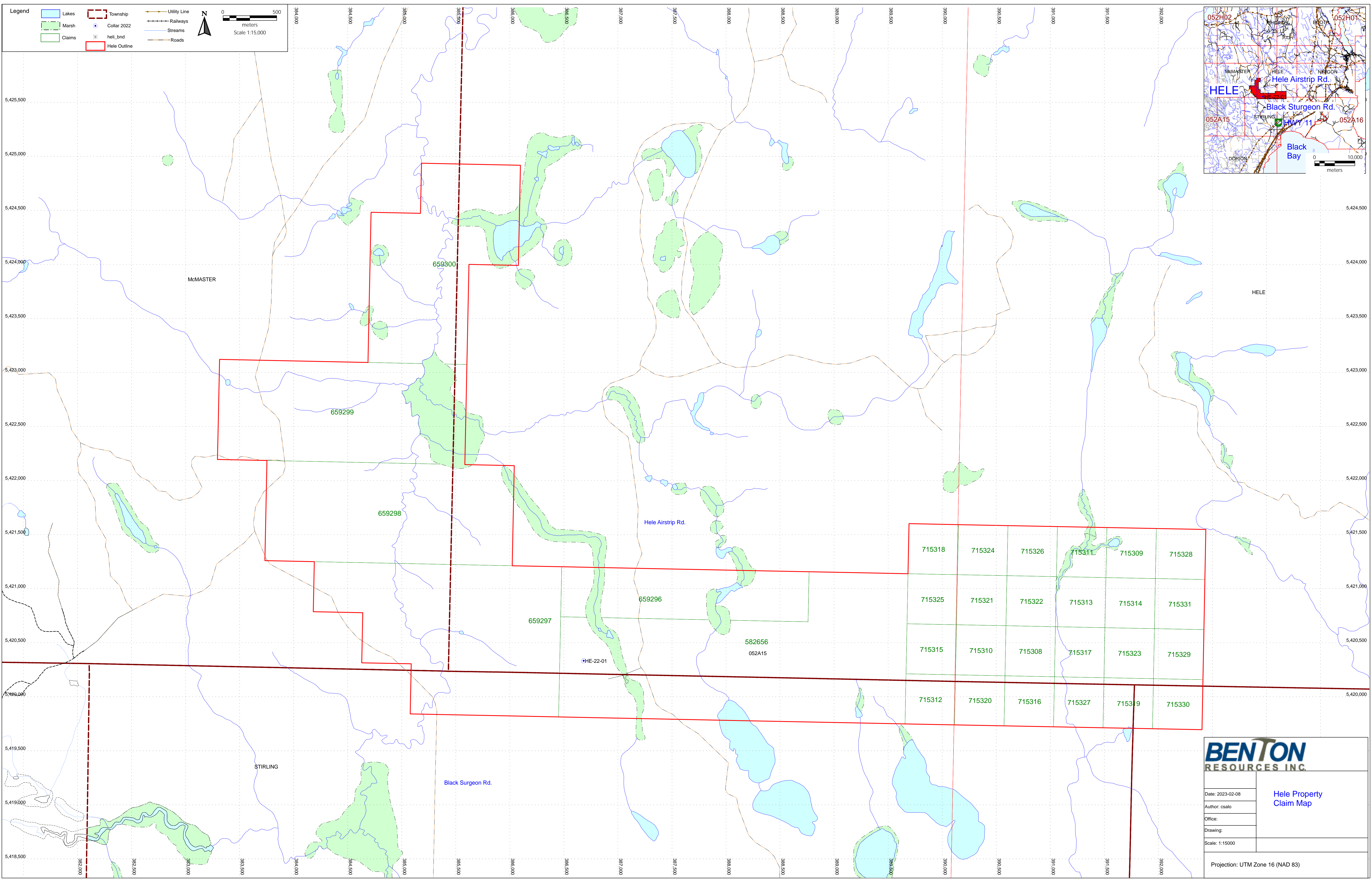
Appendix II

Claim Map

Legend

- Lakes
- Marsh
- Claims
- Township
- Collar 2022
- heli_bnd
- Hele Outline
- Utility Line
- Railways
- Streams
- Roads

Scale 1:15,000
0 500 meters



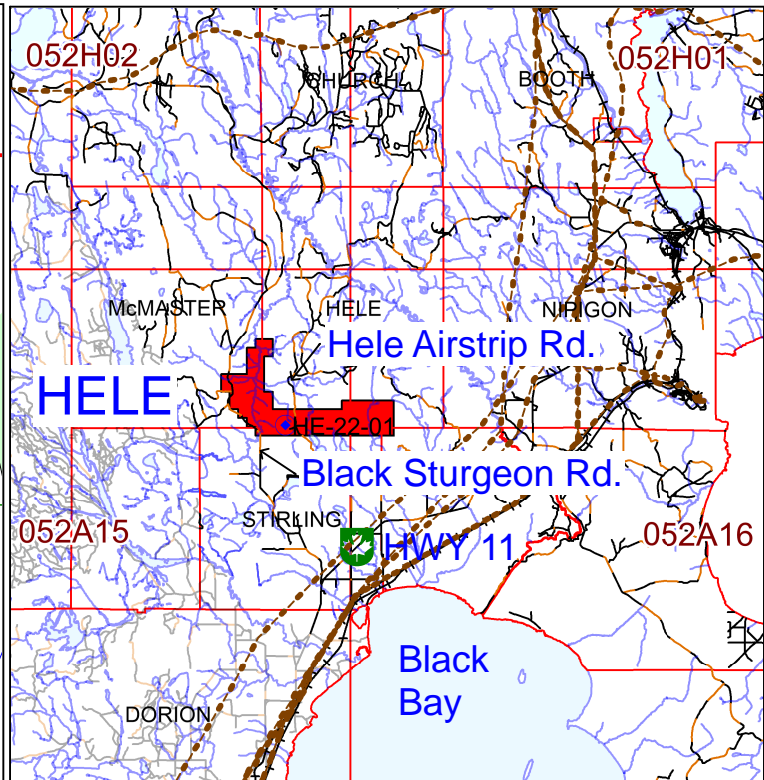
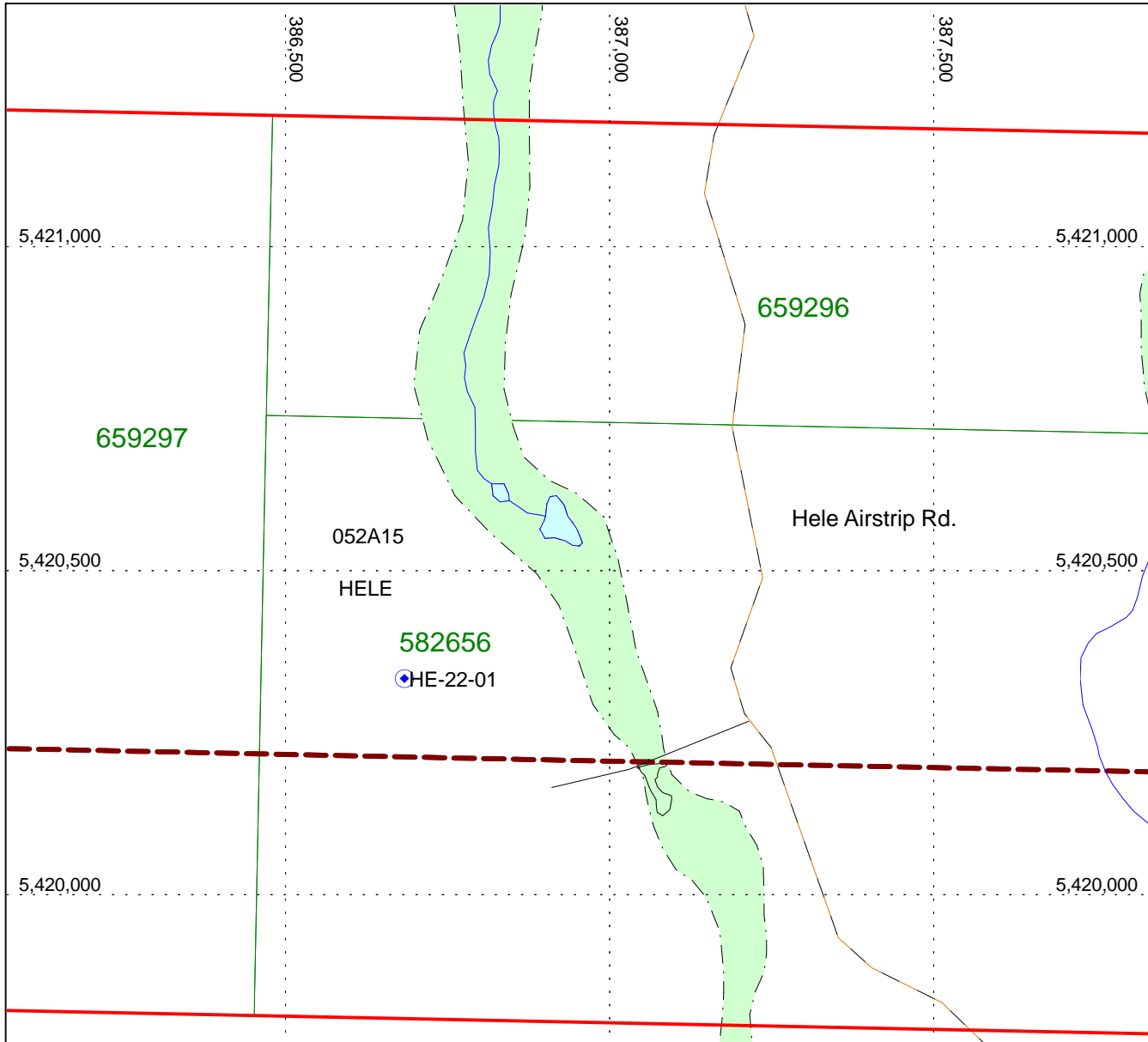
715318	715324	715326	715311	715309	715328
715325	715321	715322	715313	715314	715331
715315	715310	715308	715317	715323	715329
715312	715320	715316	715327	715319	715330

BENTON RESOURCES INC.

Hele Property Claim Map

Date: 2023-02-08
 Author: csalo
 Office:
 Drawing:
 Scale: 1:15000
 Projection: UTM Zone 16 (NAD 83)

Appendix III
Plan Map and Section



BENTON
RESOURCES INC.

Date: 2023-02-08	<p>Hele Property 2022 Drill Plan map</p>
Author: csalo	
Office:	
Drawing:	
Scale: 1:10000	

Legend

Lakes	Township	Utility Line
Marsh	Collar 2022	Railways
Claims	Hele Outline	Streams
		Roads

0 500
meters
Scale 1:10,000

Projection: UTM Zone 16 (NAD 83)

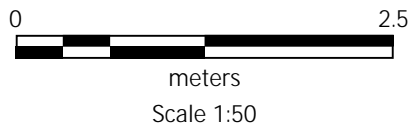
Plan View

052A15

Heli

Claim 582656

HE-22-01



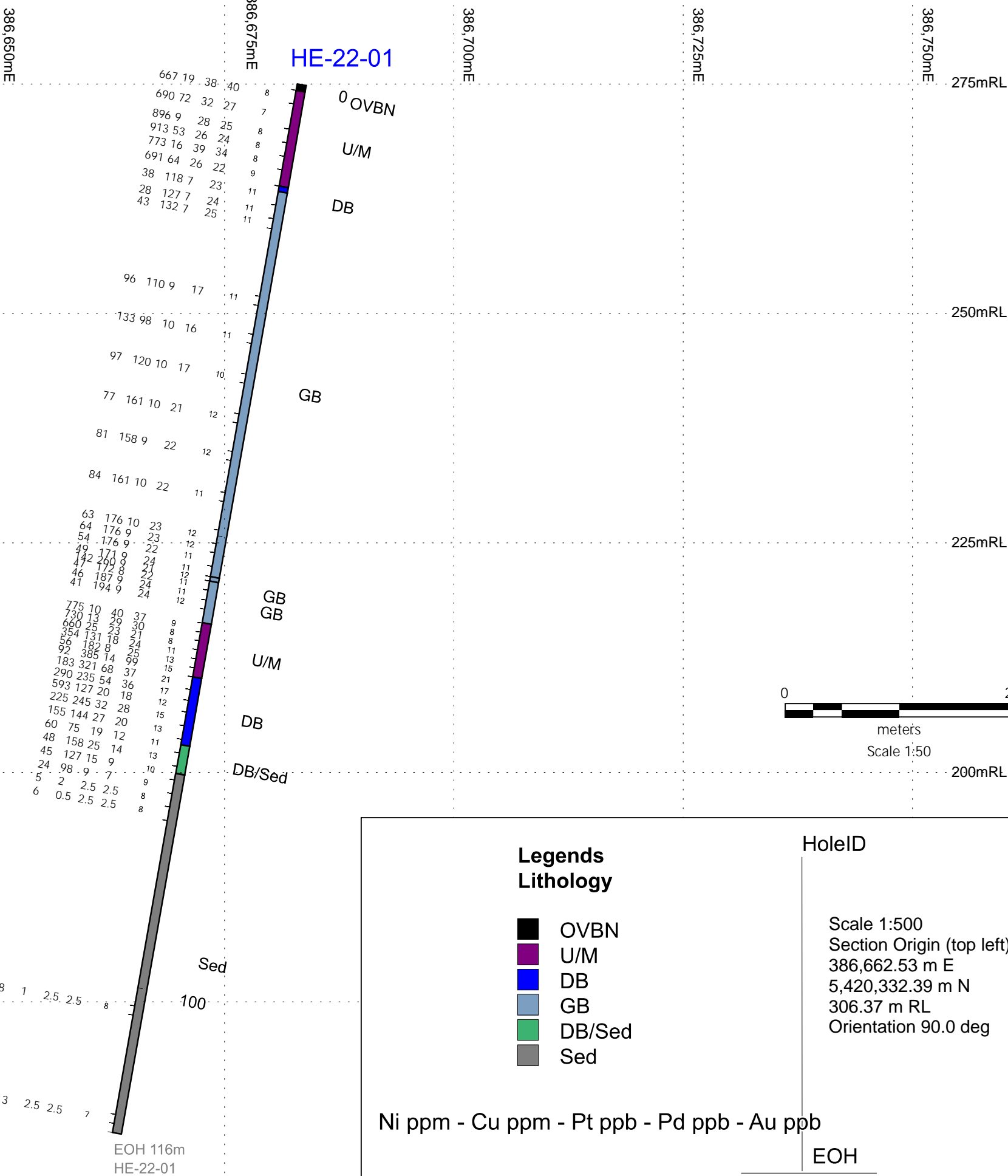
BENTON
RESOURCES INC.

Date:
2023-02-08
Author: csalo
Office:
Drawing:
Scale: 1:500

Hele Property
HE-22-01

Projection: Non-Earth (meters)

Section



Appendix IV

Assay Results

Final Report
Activation Laboratories

Assay Results

report	sample no.	From	To	sample length	Au-ppb-2-FA-ICP-2	Pd-ppb-5-FA-ICP-5	Pt-ppb-5-FA-ICP-5	Cu-ppm-1-AR-ICP-1	Ni-ppm-1-AR-ICP-1
A22-05567	397051	0.70	2.20	1.50	8	40	38	19	667
A22-05567	397052	2.20	5.00	2.80	7	27	32	72	690
A22-05567	397053	5.00	6.50	1.50	8	25	28	9	896
A22-05567	397054	6.50	8.00	1.50	8	24	26	53	913
A22-05567	397055	8.00	9.50	1.50	8	34	39	16	773
A22-05567	397056	9.50	11.30	1.80	9	22	26	64	691
A22-05567	397057	11.30	13.40	2.10	11	23	7	118	38
A22-05567	397058	13.40	14.90	1.50	11	24	7	127	28
A22-05567	397059	14.90	16.00	1.10	11	25	7	132	43
A22-05567	397061	23.50	24.50	1.00	11	17	9	110	96
A22-05567	397062	27.70	28.70	1.00	11	16	10	98	133
A22-05567	397063	32.10	33.10	1.00	10	17	10	120	97
A22-05567	397064	36.50	37.50	1.00	12	21	10	161	77
A22-05567	397065	40.65	41.65	1.00	12	22	9	158	81
A22-05567	397066	45.20	46.20	1.00	11	22	10	161	84
A22-05567	397067	49.35	50.85	1.50	12	23	10	176	63
A22-05567	397068	50.85	51.85	1.00	12	23	9	176	64
A22-05567	397069	51.85	53.35	1.50	11	22	9	176	54
A22-05567	397071	53.35	54.50	1.15	11	24	9	171	49
A22-05567	397072	54.50	55.00	0.50	12	21	9	260	142
A22-05567	397073	55.00	56.00	1.00	11	22	8	172	47
A22-05567	397074	56.00	57.10	1.10	11	24	9	187	46
A22-05567	397075	57.10	58.10	1.00	12	24	9	194	41
A22-05567	397076	59.65	60.65	1.00	9	37	40	10	775
A22-05567	397077	60.65	61.60	0.95	8	30	29	13	730
A22-05567	397078	61.60	62.60	1.00	8	21	23	25	660
A22-05567	397079	62.60	63.60	1.00	11	24	18	131	354
A22-05567	397081	63.60	64.60	1.00	13	25	8	182	56
A22-05567	397082	64.60	65.60	1.00	15	99	14	385	92
A22-05567	397083	65.60	67.00	1.40	21	37	68	321	183
A22-05567	397084	67.00	68.20	1.20	17	36	54	235	290
A22-05567	397085	68.20	69.50	1.30	12	18	20	127	593
A22-05567	397086	69.50	71.00	1.50	15	28	32	245	225
A22-05567	397087	71.00	72.50	1.50	13	20	27	144	155
A22-05567	397088	72.50	74.00	1.50	11	12	19	75	60
A22-05567	397089	74.00	75.50	1.50	13	14	25	158	48
A22-05567	397090	75.50	77.00	1.50	10	9	15	127	45
A22-05567	397091	77.00	78.50	1.50	9	7	9	98	24
A22-05567	397092	78.50	80.00	1.50	8	2.5	2.5	2	5
A22-05567	397093	80.00	81.50	1.50	8	2.5	2.5	0.5	6
A22-05567	397094	102.00	103.00	1.00	8	2.5	2.5	1	8
A22-05567	397095	114.00	115.00	1.00	7	2.5	2.5	3	4

Hole_ID	From	To	Rock Type	Description	Alteration 1	Alteration 2	Min 1	Min 1 %	Min 2	Min 2 %
HE-22-01	0.0	0.7	OVBN	Overburden no recovery						
HE-22-01	0.7	11.3	U/M	Ultramafic. Fgr, Msv very dk near blk. Mafic component of pyroxene at least in part, -can be chl altered. Fgr but phaneritic. Rock displays bands or fine 'seams' of chl, commonly running down core axis -brittle deformation. Strongly magnetic, non calcic. 1-2% chl/calc/qz veining, <1cm and mostly undulating down core axis. Very gradational lower contact.	chl					
HE-22-01	11.3	11.9	DB	Diabase dikelet; Fgr, massive. Wk-mod magnetic. Vfgr and very dk grey. Moderately fractured with one small xenolith of gabbro. Sharp contacts at steep angle to core axis.						
HE-22-01	11.9	54.5	GB	Gabbro; Fgr Msv mafic intrusive. Relatively Fsp rich. Fgr, phaneritic. Fine gry/brn fsp can xtalize in masses. Gen Msv, equigranular intrusive texture. 1% chl/cb +/- qz +/- MnO veinlets or fracture fill. 2 veins, <1cm with white talc (Kaol?) near 16 & 18m. Wk to mod fracturing with MnO/Chl infill. At 49m material develops 'rosettes' or blasts of white radiating Fsp -magmatic segregation?	chl	talc				
HE-22-01	54.5	55.0	GB	As above however rock becomes banded. Light gry Fsp rich bands vs darker more mafic bands which locally contained spotted n-blebbly Cpy and Po. Curvilinear at very shallow angle to core axis. Banding may be resultant from cummlate layering.			Cpy	0.1	Po	0.1
HE-22-01	55.0	59.6	GB	Same Gabbro, no banding - Gradational lower contact						
HE-22-01	59.6	65.6	U/M	Ultramafic. Fgr, Msv very dk near blk. Mafic component of pyroxene at least in part, -can be chl altered. Fgr but phaneritic. 61.2-61.7 Rock becomes very fgr gradationally -Likely Diabase with chilled sharp contact @ 85 tca. Last 50cm becomes very fgr -chilled with sharp contact @ 70 tca. 1 talc (kaol) vein or seam at 63.2m	chl	talc				
HE-22-01	65.6	73.1	DB	Mafic (to u/m intrusive?) Likely Diabase. Med-dk gry becoming gry + tan or beige with brnish Fsp. Mod-str fracturing with chl/cb/MnO infill. Commonly broken to rubble. 72.1-73.1 has a 5mm fract/fault with clay & mica infill -late deform'n.	chl	cb				
HE-22-01	73.1	76.3	DB/Sed	Intercalated mixture of Sibley seds and mafic Diabase?. Strongly magnetic. Mafic is Fgr phaneritic likely diabase as above. Multi-cm bedded and banded sediments as in unit below.						
HE-22-01	76.3	116.0	Sed	Sediments; Banded, bedded and extremely fgr -aphhanitic. Be/cream/wh bands alternaate with red, Hem stained bands/beds. Rock is mostly carbonate with str Hematized siltstone -sandstone?. Red, non-calcic beds display local carb clasts up to 2cm. <1% planar calc veinlets. Non-Magnetic. Very locally with white Talc in upper part of unit.	Hem	talc				

Appendix V
Assay Certificates



Report No.: A22-05567
Report Date: 10-Jun-22
Date Submitted: 27-Apr-22
Your Reference:

Benton Resources Inc.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Stephen Stares

CERTIFICATE OF ANALYSIS

45 Core samples were submitted for analysis.

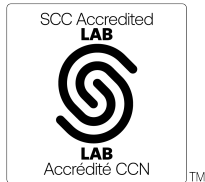
Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1C-OES, 1E3, QOP PGE-OES (Fire Assay ICPOES), and QOP AquaGeo (Aqua Regia ICPOES).

REPORT A22-05567

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

Notes:

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



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-05567

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	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
Method Code	FA-ICP	FA-ICP	FA-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
397051	8	40	38	< 0.2	< 0.5	19	484	< 1	667	6	35	1.50	< 2	36	95	< 0.5	< 2	1.55	64	1110	5.37	< 10	< 1
397052	7	27	32	< 0.2	< 0.5	72	879	< 1	690	43	76	1.07	< 2	52	37	< 0.5	< 2	1.89	58	1700	5.50	< 10	< 1
397053	8	25	28	< 0.2	< 0.5	9	696	< 1	896	6	48	0.94	< 2	30	33	< 0.5	< 2	1.41	81	1420	6.12	< 10	< 1
397054	8	24	26	< 0.2	< 0.5	53	731	< 1	913	3	44	0.91	< 2	20	21	< 0.5	< 2	1.16	93	1190	6.52	< 10	< 1
397055	8	34	39	< 0.2	< 0.5	16	786	< 1	773	< 2	45	1.03	< 2	10	34	< 0.5	< 2	1.28	90	940	6.78	< 10	< 1
397056	9	22	26	< 0.2	< 0.5	64	811	< 1	691	3	75	1.19	< 2	15	76	< 0.5	< 2	1.21	83	1090	6.85	< 10	< 1
397057	11	23	7	< 0.2	< 0.5	118	611	2	38	57	79	2.64	< 2	62	54	< 0.5	< 2	2.81	19	35	3.80	10	< 1
397058	11	24	7	< 0.2	< 0.5	127	441	< 1	28	3	37	2.60	< 2	403	46	< 0.5	< 2	2.53	17	26	3.62	< 10	< 1
397059	11	25	7	< 0.2	< 0.5	132	464	< 1	43	12	54	3.31	< 2	17	53	< 0.5	< 2	2.84	21	25	3.95	10	< 1
397060	164	1290	392	1.5	< 0.5	3560	640	< 1	242	8	57	3.20	< 2	< 10	32	< 0.5	< 2	2.56	51	107	6.53	< 10	< 1
397061	11	17	9	< 0.2	< 0.5	110	523	< 1	96	< 2	52	5.19	< 2	< 10	31	< 0.5	< 2	3.19	32	8	4.70	10	< 1
397062	11	16	10	< 0.2	< 0.5	98	531	< 1	133	< 2	46	5.81	< 2	< 10	30	< 0.5	< 2	3.42	36	6	4.79	10	1
397063	10	17	10	< 0.2	< 0.5	120	480	< 1	97	< 2	48	5.27	< 2	< 10	35	< 0.5	< 2	3.33	31	8	4.46	10	1
397064	12	21	10	< 0.2	< 0.5	161	465	< 1	77	< 2	55	4.55	< 2	< 10	36	< 0.5	< 2	2.90	27	8	4.59	10	1
397065	12	22	9	< 0.2	< 0.5	158	455	< 1	81	< 2	51	4.71	< 2	< 10	27	< 0.5	< 2	2.98	28	12	4.60	10	< 1
397066	11	22	10	< 0.2	< 0.5	161	456	< 1	84	< 2	51	4.39	< 2	< 10	24	< 0.5	< 2	2.81	29	9	4.55	< 10	< 1
397067	12	23	10	< 0.2	< 0.5	176	463	< 1	63	< 2	53	4.47	< 2	< 10	33	< 0.5	< 2	2.88	26	12	4.60	10	< 1
397068	12	23	9	< 0.2	< 0.5	176	471	< 1	64	< 2	55	4.30	< 2	< 10	48	< 0.5	< 2	2.76	25	12	4.61	10	< 1
397069	11	22	9	< 0.2	< 0.5	176	486	< 1	54	< 2	52	4.43	2	< 10	44	< 0.5	< 2	2.93	24	15	4.54	10	< 1
397070	8	< 5	5	< 0.2	< 0.5	9	276	< 1	16	6	50	1.25	< 2	< 10	77	< 0.5	< 2	0.66	8	36	2.07	< 10	< 1
397071	11	24	9	< 0.2	< 0.5	171	448	< 1	49	2	48	4.16	< 2	< 10	48	< 0.5	< 2	2.87	23	18	4.67	10	1
397072	12	21	9	< 0.2	< 0.5	260	502	< 1	142	16	104	3.56	< 2	19	36	< 0.5	< 2	2.81	47	24	6.33	10	< 1
397073	11	22	8	< 0.2	< 0.5	172	426	< 1	47	< 2	53	4.18	< 2	< 10	40	< 0.5	< 2	2.81	22	15	4.59	10	< 1
397074	11	24	9	< 0.2	< 0.5	187	440	< 1	46	< 2	56	4.21	< 2	< 10	45	< 0.5	< 2	2.78	22	15	4.52	10	< 1
397075	12	24	9	< 0.2	< 0.5	194	451	< 1	41	< 2	59	4.35	< 2	< 10	65	< 0.5	< 2	2.85	21	16	4.41	10	< 1
397076	9	37	40	< 0.2	< 0.5	10	1150	< 1	775	9	84	0.99	< 2	19	62	< 0.5	< 2	0.91	93	754	6.86	< 10	1
397077	8	30	29	< 0.2	< 0.5	13	1190	< 1	730	9	86	1.09	< 2	10	71	< 0.5	< 2	1.24	89	824	6.90	< 10	< 1
397078	8	21	23	< 0.2	< 0.5	25	1190	< 1	660	8	96	1.29	< 2	10	106	< 0.5	2	1.27	81	954	6.67	< 10	< 1
397079	11	24	18	< 0.2	< 0.5	131	839	< 1	354	5	81	2.55	< 2	20	100	< 0.5	< 2	1.93	57	529	5.88	< 10	< 1
397080	118	1210	399	1.5	< 0.5	3540	630	< 1	240	7	57	3.17	< 2	< 10	34	< 0.5	< 2	2.54	51	107	6.43	< 10	< 1
397081	13	25	8	< 0.2	< 0.5	182	566	< 1	56	3	69	4.01	< 2	< 10	105	< 0.5	< 2	2.66	25	28	4.65	10	< 1
397082	15	99	14	< 0.2	< 0.5	385	661	< 1	92	9	95	3.66	< 2	10	99	< 0.5	< 2	2.45	33	32	5.85	10	< 1
397083	21	37	68	< 0.2	2.5	321	569	< 1	183	62	272	1.56	< 2	< 10	22	< 0.5	< 2	1.67	40	358	4.04	< 10	< 1
397084	17	36	54	0.3	12.0	235	1140	4	290	400	1270	1.88	< 2	11	32	< 0.5	< 2	1.85	52	319	4.93	< 10	< 1
397085	12	18	20	< 0.2	< 0.5	127	855	< 1	593	53	165	1.48	< 2	20	31	< 0.5	< 2	0.97	86	562	6.42	< 10	< 1
397086	15	28	32	< 0.2	2.2	245	646	< 1	225	56	349	1.74	< 2	< 10	15	< 0.5	< 2	1.73	47	489	4.87	< 10	< 1
397087	13	20	27	< 0.2	15.3	144	488	3	155	800	769	1.70	< 2	< 10	16	< 0.5	< 2	1.54	41	438	5.22	10	< 1
397088	11	12	19	< 0.2	21.8	75	455	3	60	656	798	1.82	< 2	< 10	30	0.6	< 2	2.32	29	104	5.55	10	< 1
397089	13	14	25	< 0.2	0.7	158	491	< 1	48	65	100	1.90	< 2	< 10	102	0.6	< 2	3.07	34	50	7.01	10	< 1
397090	10	9	15	< 0.2	< 0.5	127	511	< 1	45	4	59	2.10	< 2	11	130	0.6	< 2	5.65	27	92	4.88	10	< 1
397091	9	7	9	< 0.2	< 0.5	98	500	< 1	24	< 2	30	2.19	< 2	< 10	184	0.6	< 2	> 10.0	10	66	2.44	< 10	< 1
397092	8	< 5	< 5	< 0.2	< 0.5	2	384	< 1	5	< 2	12	2.07	2	< 10	201	0.6	< 2	> 10.0	2	16	1.23	< 10	< 1
397093	8	< 5	< 5	< 0.2	< 0.5	< 1	363	< 1	6	< 2	15	1.96	2	< 10	250	0.6	< 2	> 10.0	2	17	1.20	< 10	< 1
397094	8	< 5	< 5	< 0.2	< 0.5	1	368	< 1	8	< 2	12	1.09	3	15	881	0.5	< 2	6.00	4	20	1.20	< 10	< 1
397095	7	< 5	< 5	< 0.2	< 0.5	3	174	1	4	< 2	6	0.32	4	< 10	18	< 0.5	< 2	1.05	3	20	0.59	< 10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	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
397051	0.29	< 10	7.59	0.197	0.054	0.02	9	5	68	0.20	< 20	< 1	< 2	< 10	71	< 10	5	7
397052	0.11	< 10	9.71	0.136	0.037	0.03	11	6	43	0.20	< 20	< 1	< 2	18	92	< 10	8	8
397053	0.13	< 10	10.4	0.181	0.038	0.02	9	6	46	0.18	< 20	< 1	< 2	< 10	57	< 10	4	6
397054	0.11	< 10	10.4	0.179	0.041	0.03	9	6	51	0.18	< 20	< 1	< 2	< 10	54	< 10	3	6
397055	0.12	< 10	9.27	0.190	0.047	0.01	8	5	57	0.18	< 20	< 1	< 2	< 10	54	< 10	3	8
397056	0.25	< 10	8.03	0.211	0.054	0.02	9	5	71	0.22	< 20	< 1	< 2	< 10	69	< 10	5	10
397057	0.23	16	1.70	0.522	0.047	0.01	< 2	6	56	0.27	< 20	< 1	< 2	16	198	< 10	18	11
397058	0.21	13	1.31	0.435	0.048	0.03	< 2	6	51	0.28	< 20	1	< 2	13	196	< 10	16	11
397059	0.23	24	1.45	0.454	0.052	0.06	< 2	4	61	0.26	< 20	< 1	< 2	< 10	158	< 10	15	13
397060	0.14	17	1.76	0.526	0.161	0.77	3	4	247	0.17	< 20	< 1	< 2	< 10	201	< 10	6	7
397061	0.13	< 10	1.96	0.660	0.028	< 0.01	2	2	83	0.11	< 20	< 1	< 2	< 10	98	< 10	6	3
397062	0.09	< 10	2.45	0.720	0.024	< 0.01	< 2	2	89	0.08	< 20	< 1	< 2	< 10	78	< 10	5	2
397063	0.11	< 10	1.74	0.692	0.029	< 0.01	< 2	2	86	0.12	< 20	< 1	< 2	< 10	99	< 10	6	3
397064	0.15	< 10	1.33	0.605	0.039	< 0.01	< 2	2	80	0.18	< 20	< 1	< 2	< 10	135	< 10	9	7
397065	0.12	< 10	1.40	0.645	0.038	< 0.01	< 2	2	82	0.18	< 20	< 1	< 2	< 10	138	< 10	9	6
397066	0.11	< 10	1.46	0.599	0.039	< 0.01	< 2	2	75	0.19	< 20	< 1	< 2	< 10	140	< 10	9	7
397067	0.13	< 10	1.17	0.641	0.042	0.01	< 2	3	78	0.24	< 20	< 1	< 2	< 10	153	< 10	10	8
397068	0.20	< 10	1.18	0.606	0.042	0.01	< 2	3	77	0.22	< 20	< 1	< 2	< 10	153	< 10	10	8
397069	0.18	< 10	1.11	0.643	0.043	0.01	2	3	80	0.22	< 20	< 1	< 2	< 10	154	< 10	10	6
397070	0.51	29	0.93	0.108	0.067	0.01	< 2	3	58	0.24	< 20	< 1	< 2	< 10	37	< 10	4	5
397071	0.22	< 10	1.07	0.575	0.044	0.01	< 2	4	79	0.22	< 20	< 1	< 2	< 10	165	< 10	11	6
397072	0.16	< 10	1.07	0.376	0.074	0.13	2	3	59	0.19	< 20	< 1	< 2	< 10	204	< 10	9	7
397073	0.17	< 10	0.93	0.598	0.045	0.01	< 2	3	75	0.23	< 20	< 1	< 2	< 10	169	< 10	11	8
397074	0.16	< 10	1.12	0.611	0.046	0.01	< 2	4	76	0.25	< 20	< 1	< 2	< 10	166	< 10	11	8
397075	0.23	< 10	0.94	0.668	0.047	0.01	< 2	4	78	0.22	< 20	< 1	< 2	< 10	163	< 10	11	8
397076	0.27	< 10	9.71	0.152	0.044	0.04	6	5	35	0.13	< 20	< 1	< 2	< 10	44	< 10	3	5
397077	0.26	< 10	9.25	0.202	0.046	0.03	7	6	52	0.17	< 20	1	< 2	< 10	53	< 10	4	7
397078	0.42	< 10	8.21	0.220	0.058	0.02	8	6	49	0.19	< 20	< 1	< 2	< 10	64	< 10	4	7
397079	0.39	< 10	4.83	0.425	0.047	0.03	5	5	69	0.20	< 20	< 1	< 2	< 10	98	< 10	6	9
397080	0.14	16	1.73	0.510	0.159	0.76	3	4	244	0.16	< 20	< 1	< 2	< 10	198	< 10	6	6
397081	0.29	< 10	1.61	0.625	0.045	0.02	< 2	5	73	0.22	< 20	< 1	< 2	< 10	140	< 10	10	6
397082	0.33	< 10	1.72	0.521	0.062	0.05	3	6	84	0.18	< 20	< 1	< 2	< 10	184	< 10	12	7
397083	0.09	10	2.93	0.103	0.070	0.13	3	7	35	0.31	< 20	< 1	< 2	< 10	111	< 10	5	9
397084	0.09	11	4.30	0.127	0.067	0.14	4	7	36	0.24	< 20	< 1	< 2	< 10	103	< 10	5	12
397085	0.16	< 10	6.94	0.112	0.059	0.07	5	5	44	0.12	< 20	< 1	< 2	< 10	74	< 10	4	7
397086	0.06	12	3.91	0.102	0.064	0.17	4	8	29	0.29	< 20	< 1	< 2	< 10	117	< 10	6	11
397087	0.07	14	4.33	0.082	0.074	0.21	4	10	37	0.31	< 20	< 1	< 2	< 10	151	< 10	7	13
397088	0.08	19	4.47	0.091	0.057	0.13	3	8	42	0.50	< 20	2	< 2	< 10	174	< 10	10	5
397089	0.05	19	3.57	0.091	0.021	0.14	3	6	31	0.67	< 20	3	< 2	< 10	199	< 10	11	8
397090	0.31	19	4.44	0.076	0.062	0.18	3	5	41	0.47	< 20	2	< 2	< 10	131	< 10	9	7
397091	0.62	16	4.66	0.079	0.040	0.06	< 2	4	53	0.29	< 20	< 1	< 2	< 10	57	< 10	8	5
397092	0.47	14	4.76	0.059	0.020	0.06	< 2	3	62	0.04	< 20	< 1	< 2	< 10	18	< 10	8	2
397093	0.30	15	4.67	0.068	0.022	0.02	< 2	3	59	0.04	< 20	< 1	< 2	< 10	17	< 10	7	12
397094	0.46	13	4.70	0.179	0.020	0.03	< 2	2	52	0.01	< 20	< 1	< 2	< 10	12	< 10	6	1
397095	0.09	< 10	0.32	0.016	0.009	< 0.01	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	7

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	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
Method Code	FA-ICP	FA-ICP	FA-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
OREAS 45d (Aqua Regia) Meas						359	419		207	17	35	5.51	4		78		4	0.09	26	489	13.2	20	
OREAS 45d (Aqua Regia) Cert						345	400		176	17	30.6	4.86	6.50		80		0.30	0.09	26.2	467	13.7	17.9	
OREAS 45d (Aqua Regia) Meas						353	406		208	17	35	5.31	7		77		6	0.09	27	493	13.1	20	
OREAS 45d (Aqua Regia) Cert						345	400		176	17	30.6	4.86	6.50		80		0.30	0.09	26.2	467	13.7	17.9	
OREAS 922 (AQUA REGIA) Meas				0.7	< 0.5	2290	781	< 1	33	59	259	2.78	6		69	0.8	6	0.38	20	47	5.09	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 922 (AQUA REGIA) Meas				4.2	< 0.5	2370	797	< 1	35	61	267	2.79	6		69	0.8	8	0.38	20	48	5.24	< 10	
OREAS 922 (AQUA REGIA) Cert				0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62	
OREAS 907 (Aqua Regia) Meas				1.2	< 0.5	6530	362	5	4	35	149	1.25	36		250	1.1	22	0.28	47	10	8.25	20	
OREAS 907 (Aqua Regia) Cert				1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7	
CDN-PGMS-27 Meas	4770	2010	1320																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-27 Meas	4760	2010	1300																				
CDN-PGMS-27 Cert	4800	2000	1290.00																				
CDN-PGMS-30 Meas	1830	1740	245																				
CDN-PGMS-30 Cert	1900	1660	223																				
CDN-PGMS-30 Meas	2020	1710	234																				
CDN-PGMS-30 Cert	1900	1660	223																				
OREAS 263 (Aqua Regia) Meas				0.2	< 0.5	88	506	< 1	71	35	130	1.89	29		181	1.4	< 2	1.02	33	60	3.73	< 10	< 1
OREAS 263 (Aqua Regia) Cert				0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170
OREAS 130 (Aqua Regia) Meas				6.3	29.1	233	1660	8	32	1310	> 10000	1.24	209				4	1.68	27	26	7.01	< 10	1
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
OREAS 130 (Aqua Regia) Meas				6.2	28.2	223	1590	7	30	1270	> 10000	1.18	198				4	1.61	27	24	6.75	< 10	2
OREAS 130 (Aqua Regia) Cert				6.27	28.8	226	1630	8.25	35.2	1300	16900	1.10	205				3.05	1.81	27.1	23.2	7.27	4.78	0.670
Oreas 623 (Aqua Regia) Meas				20.1	51.4	> 10000	536	8	15	2350	9410	1.71	75			< 0.5	13	0.97	207	18	11.8	10	1

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	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
Method Code	FA-ICP	FA-ICP	FA-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
Oreas 623 (Aqua Regia) Cert				20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830
Oreas 623 (Aqua Regia) Meas				19.9	49.3	> 10000	526	8	13	2270	9110	1.68	78			< 0.5	8	0.95	208	17	11.7	10	2
Oreas 623 (Aqua Regia) Cert				20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830
Oreas 623 (Aqua Regia) Meas				19.6	48.1	> 10000	518	7	12	2220	8750	1.64	72			< 0.5	12	0.93	203	18	11.4	10	1
Oreas 623 (Aqua Regia) Cert				20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830
397056 Orig				< 0.2	< 0.5	62	808	< 1	688	3	76	1.19	< 2	15	76	< 0.5	< 2	1.21	83	1090	6.83	< 10	< 1
397056 Dup				< 0.2	< 0.5	66	814	< 1	695	4	74	1.19	< 2	15	77	< 0.5	< 2	1.21	83	1090	6.87	< 10	< 1
397057 Orig	10	23	7																				
397057 Dup	12	24	7																				
397071 Orig	12	23	8																				
397071 Dup	11	24	9																				
397074 Orig				< 0.2	< 0.5	186	441	< 1	46	< 2	55	4.23	< 2	< 10	44	< 0.5	< 2	2.77	22	15	4.54	10	< 1
397074 Dup				< 0.2	< 0.5	189	438	< 1	46	2	56	4.20	< 2	< 10	45	< 0.5	< 2	2.79	22	15	4.50	10	< 1
397079 Orig	11	24	18																				
397079 Dup	10	24	17																				
397090 Orig	10	9	16																				
397090 Dup	10	9	15																				
397091 Orig				< 0.2	< 0.5	98	496	< 1	23	< 2	29	2.11	< 2	< 10	179	0.6	< 2	> 10.0	10	65	2.38	< 10	< 1
397091 Dup				< 0.2	< 0.5	98	504	< 1	24	< 2	31	2.28	< 2	< 10	190	0.7	< 2	> 10.0	10	68	2.50	< 10	< 1
397095 Orig	7	< 5	< 5	< 0.2	< 0.5	3	174	1	4	< 2	6	0.32	4	< 10	18	< 0.5	< 2	1.05	3	20	0.59	< 10	< 1
397095 Split PREP DUP	8	< 5	< 5	< 0.2	< 0.5	3	174	1	4	< 2	7	0.31	< 2	< 10	18	< 0.5	< 2	1.05	3	20	0.59	< 10	< 1
Method Blank				< 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
Method Blank				< 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
Method Blank				< 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
Method Blank				< 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
Method Blank	8	< 5	5																				
Method Blank	8	< 5	< 5																				
Method Blank	14	5	< 5																				
Method Blank	8	5	5																				

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	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
OREAS 45d (Aqua Regia) Meas	0.11	11	0.17	0.045	0.033	0.04		42	13		< 20			< 10	186			5
OREAS 45d (Aqua Regia) Cert	0.097	10.0	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201			5.08
OREAS 45d (Aqua Regia) Meas	0.10	< 10	0.16	0.043	0.033	0.04		42	12		< 20			< 10	183			5
OREAS 45d (Aqua Regia) Cert	0.097	10.0	0.144	0.031	0.035	0.045		41.50	11.0		11.3			1.64	201			5.08
OREAS 922 (AQUA REGIA) Meas	0.42	37	1.35	0.030	0.063	0.38	3	4	16		< 20		< 2	< 10	33	< 10	21	8
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.41	38	1.39	0.032	0.066	0.39	3	4	16		< 20		< 2	< 10	33	< 10	21	9
OREAS 922 (AQUA REGIA) Cert	0.376	32.5	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 907 (Aqua Regia) Meas	0.35	39	0.24	0.120	0.021	0.06	5	2	13	0.03	< 20	< 1	< 2	< 10	6	< 10	8	5
OREAS 907 (Aqua Regia) Cert	0.286	36.1	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-27 Meas																		
CDN-PGMS-27 Cert																		
CDN-PGMS-30 Meas																		
CDN-PGMS-30 Cert																		
CDN-PGMS-30 Meas																		
CDN-PGMS-30 Cert																		
OREAS 263 (Aqua Regia) Meas	0.36		0.61	0.103	0.042	0.12	7	4	19		< 20	< 1	< 2	< 10	27			13
OREAS 263 (Aqua Regia) Cert	0.288		0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8			12.0
OREAS 130 (Aqua Regia) Meas	0.54	23	0.94		0.087	6.34	7	4	21	0.04	< 20	< 1	< 2	< 10	37	11	14	34
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
OREAS 130 (Aqua Regia) Meas	0.50	21	0.90		0.084	6.07	6	3	19	0.03	< 20	< 1	< 2	< 10	35	< 10	13	32
OREAS 130 (Aqua Regia) Cert	0.500	26.4	0.892		0.0860	6.02	4.69	3.42	23.2	0.0270	10.3	0.170	5.92	8.36	33.1	1.40	13.0	19.0
Oreas 623 (Aqua Regia) Meas	0.17	16	1.04	0.065	0.041	8.74	20	4	13		< 20	< 1	< 2	< 10	17	< 10	8	77

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	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
Oreas 623 (Aqua Regia) Cert	0.175	17.9	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Oreas 623 (Aqua Regia) Meas	0.16	16	1.02	0.063	0.041	8.76	22	4	13		< 20	< 1	< 2	< 10	17	< 10	8	75
Oreas 623 (Aqua Regia) Cert	0.175	17.9	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Oreas 623 (Aqua Regia) Meas	0.16	16	1.00	0.061	0.040	8.46	21	4	12		< 20	< 1	< 2	< 10	17	< 10	8	71
Oreas 623 (Aqua Regia) Cert	0.175	17.9	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
397056 Orig	0.25	< 10	7.99	0.211	0.054	0.02	8	5	72	0.22	< 20	1	< 2	< 10	69	< 10	5	11
397056 Dup	0.25	< 10	8.07	0.211	0.054	0.01	10	5	71	0.22	< 20	< 1	< 2	< 10	69	< 10	5	9
397057 Orig																		
397057 Dup																		
397071 Orig																		
397071 Dup																		
397074 Orig	0.16	< 10	1.12	0.610	0.046	0.01	< 2	4	76	0.25	< 20	< 1	< 2	< 10	166	< 10	11	8
397074 Dup	0.16	< 10	1.12	0.612	0.046	0.01	2	4	77	0.25	< 20	< 1	< 2	< 10	165	< 10	11	8
397079 Orig																		
397079 Dup																		
397090 Orig																		
397090 Dup																		
397091 Orig	0.60	16	4.50	0.078	0.041	0.06	< 2	4	53	0.30	< 20	1	< 2	< 10	58	< 10	8	6
397091 Dup	0.64	17	4.82	0.080	0.038	0.06	< 2	4	53	0.29	< 20	< 1	< 2	< 10	56	< 10	8	4
397095 Orig	0.09	< 10	0.32	0.016	0.009	< 0.01	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	7
397095 Split PREP DUP	0.08	< 10	0.32	0.015	0.009	< 0.01	< 2	< 1	6	< 0.01	< 20	< 1	< 2	< 10	3	< 10	4	7
Method Blank	< 0.01	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	< 10	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		

Summary of Diamond Drilling

Nad 83, UTM Zone 16

Hole id	Easting	Northing	Azimuth	Dip	E.o.h.
He22-01	386, 682.91mE	5,420,332.39m N	270	-80	116m

Core Stored	Capping Method	Number of Samples	Commodity	Drilling Company
684 Squir St.	Aluminium cap	42	Ni-Cu PGE	Drilling BY Berube Repairs Ltd.

Elevation	Date started	Dated End
275m	19-Mar-22	22-Mar-22

Casing	logged by	Core Size
in place	Daniel Courtney	NQ