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REPORT OF TRENCHING

BEYER ZAVITZ AU-CU PROPERTY

ZAVITZ-HINCKS TOWNSHIPS

PORCUPINE AND LARDER LAKE MINING DIVISIONS

ONTARIO



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Summary

Trenching was carried out on the Beyer Au-Cu property (98 claim cells, ~2,120 Ha; Zavitz & Hincks townships) during summer 2021. Results of the program boast assay results of up to 13 g/T Au associated with a NNW striking visible gold-bearing quartz vein dipping steeply to the east. Additional economic gold values occur associated with quartz veining in the vicinity of intersections of E-W and NE-SW striking sub-vertical moderate shear zones. Elevated concentrations of barium, bismuth and copper directly correlate with these elevated gold values. Continued exploration is recommended including field mapping, soil sampling and trenching methods.

Introduction

The Beyer Gold-Copper Property is located 50 kilometres south-southeast of Timmins, Ontario, in east-central Zavitz – west-central Hincks Townships, straddling the boundary between Larder Lake and Porcupine Mining Divisions. The property is comprised of 92 claim cells including 5 partial boundary claim cells for an approximate area of 1,907 hectares. Access is via secondary and tertiary gravel surface lumber roads traversing south from both Timmins and South Porcupine.

Historic exploration carried out on the Beyer Property has dominantly focused on the east-central portion where widespread copper mineralization occurs associated with anomalous gold values immediately west of the southeastern extent of Kitchiming Lake. Historic findings are best described by Carlson, 1971 and reads as follows:

“The subject claim group is underlain by mafic volcanic flow rocks, including massive, pillowed, amygdaloidal and spherulitic andesites and basalts, which have been folded into a tight synclinal structure plunging steeply to the west: the nose of this fold occupies the east-central part of the claim group and the axial plane strikes east-west across the south row of three claims. Intensive prospecting of the ground has so far been confined to claim 292706, the

center claim of the group. Sulphide minerals, including chalcopyrite, pyrrhotite, pyrite and bornite, as well as traces of native copper, were found by grub-hoe prospecting at eighteen rather widely scattered localities on this claim, as amygdaloidal fillings, massive stringers, coarse disseminated grains and small, irregular masses in the volcanic rocks. Minor silicification and epidotization are evident locally, and there are a few minor shear zones, but otherwise the mafic flows are fresh, massive, dense, tough and hard to break.”

2010-2018 prospecting efforts by Beyer et al have uncovered numerous anomalous gold, silver and copper showings on the property with the discovery of visible gold near the southeastern corner of Kitchiming Lake. Table 1 below displays the significant results to 2018.

Table 1: Significant Historic Results (Beyer 2010-2018)

UTM Easting	UTM Northing	Au (ppm)	Ag (ppm)	Cu (ppm)
492224	5322422	0.1	2.1	1,565
492529	5323551	1.2	1.7	54
492873	5323762	4.3		
492911	5323767	8.9		
492920	5323858	1.7		
493584	5323280	0.021	1.3	2,550
493643	5324047	0.8	12.7	228
493648	5324058	0.246	6.5	>10,000
493660	5324059	0.6	6.5	65
493702	5324039	0.01	1.2	1,157
493707	5324104	330		
493714	5324084	0.046	3.4	3,170
493718	5324082	0.4	1.6	1,033
493721	5324078	15,556.50	25.4	7,370
493721	5324078	0.6	6.1	7,564
493736	5324061	5.4	6.1	1,240
493740	5324098	0.166	9.4	6,960
493752	5324088	0.211	10.4	9,130

Table 1: Significant Historic Results (Beyer 2010-2018) ct'd

UTM Easting	UTM Northing	Au (ppm)	Ag (ppm)	Cu (ppm)
493823	5323975	1.1		
493823	5323977	6.56	92.7	>10,000
493841	5324093	0.16	3.2	4,540
493847	5324090	1.8		
493850	5324104	0.08	3.2	5,190
494101	5323796	0.387	7.1	1,800
494101	5323798	2.6	4	98
494101	5323800	0.084	0.9	1,540
494105	5323794	9.2		
494105	5323794	1.2		
494108	5323803	13.9	8.4	747
494108	5323803	0	15.4	15,300
494108	5323803	6.2		
494108	5323803	0.2	7.7	12,600
494108	5323803	7.4		

Location and Access

The property is located approximately 65km southeast of Timmins in east-central Zavitz and west-central Hincks townships. Access is via secondary gravel roads utilizing Pine Street South from Timmins and turning east on the Matachewan Road and then north on a tertiary lumber road or by taking Stringers Road from South Porcupine and then turning south on the same tertiary lumber road.

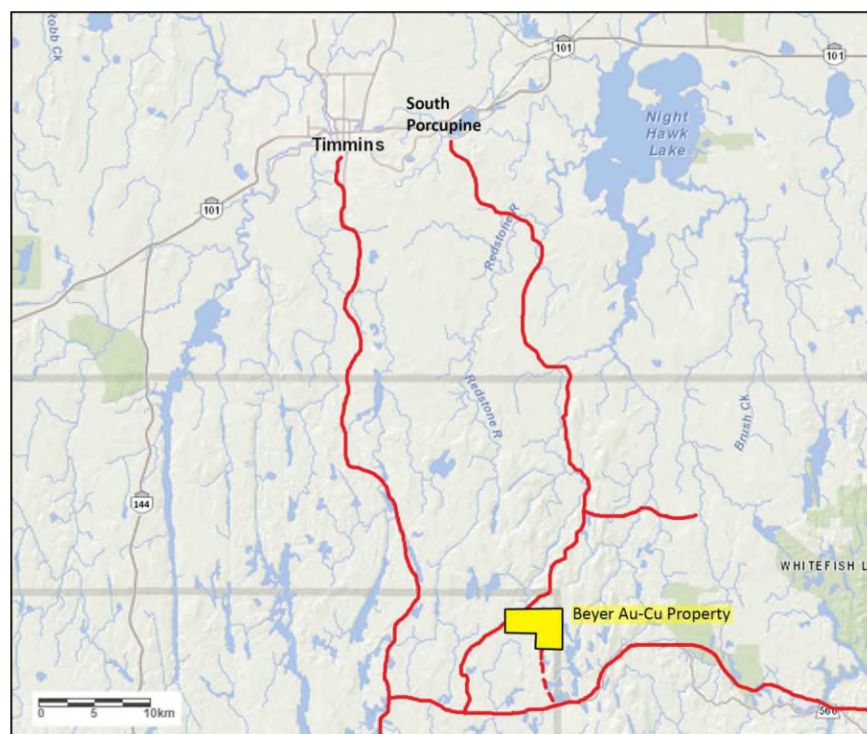


Figure 1: Location Map

Previous Exploration

Table 2 below lists the historic exploration work carried out on the Beyer Property to date.

Table 2: Historic Exploration

Assessment Report No.	Year	Company	Work Done
42A03SE0186	1964	Voyageur Exploration Ltd.	Diamond drilling, south property boundary
42A03SE0185	1971	H. Carlson	Trenching, central part of the property
42A03SE0164	1981	Falconbridge Nickel Mines Ltd.	VLF-EM geophysical survey, central part of the property
42A03SE0166	1982	Falconbridge Nickel Mines Ltd.	Assaying, central part of the property
42A03NE0075	1990	Donald Garden	Prospecting road traverse
42A03SE0012	1993	N. McBride	Prospecting, magnetic and VLF geophysical surveys
20004883	2008	Golden Chalice Resources Inc.	Magnetic geophysical survey, south-central part of the property
20006239	2008	Golden Chalice Resources Inc.	Prospecting
20010247	2010-2011	Brian Beyer	Prospecting
20013634	2012	Brian Beyer	Prospecting
20013109	2013	Brian Beyer	Prospecting
2_57639_10	2015-2016	Brian Beyer	Prospecting
20000017015_01	2017-2018	Brian Beyer	Prospecting

In the fall of 1970, grub-hoe prospecting by three prospectors along the north limb of a shallowly west-plunging syncline discovered widespread copper mineralization near the south end of Kitchiming Lake. The excavation of two, 1,000 foot long trenches was undertaken by an optioning party (J. Helpert) and later blasting of the bedrock along the trenched lengths. Ten to twenty-pound rock samples were taken every 10 feet along the trenches where overburden depths accommodated. Results of the sampling indicated a zone of disseminated copper mineralization at least 800 feet by 400 feet in size trending a little west of north and grading 0.2% copper with minor values of gold and silver (Carlson, 1971).

Several other operators listed in Table 1 carried out prospecting and geophysical surveys on parts of the current property mainly focused on investigating the character of the copper mineralization. Of note, in 1982 Falconbridge Nickel Mines Ltd. performed a VLF survey over an area covering the south end of Kitchiming Lake and identified several conductors. No follow up exploration was recorded.

No diamond drilling has been carried out to date on the Beyer Au-Cu Property.

Regional Geology

The Beyer Zavitz Property lies within the west-central part of the Abitibi Metavolcanic-Metasedimentary Belt of the Superior Province of the Canadian Shield. It is situated at the southeastern extent of the Bartlett Dome, a geological feature described as an eastward facing homoclinal sequence composed of supracrustal metavolcanics and metasedimentary rocks intruded by large felsic plutons including the Adams Pluton, Geikie Pluton and the Kenogamissi batholith. A lower sequence of mafic and ultramafic volcanic rocks, a central sequence of intermediate to felsic volcanic rocks and an upper sequence of ultramafic and mafic volcanic rocks define the volcanic sequence. Ultramafic to felsic smaller intrusions and Proterozoic diabase dikes intrude the volcano-sedimentary succession. Metamorphic grade is greenschist facies, however, rocks are locally sheared and intensely altered (Houle, Baldwin et al, 2008).

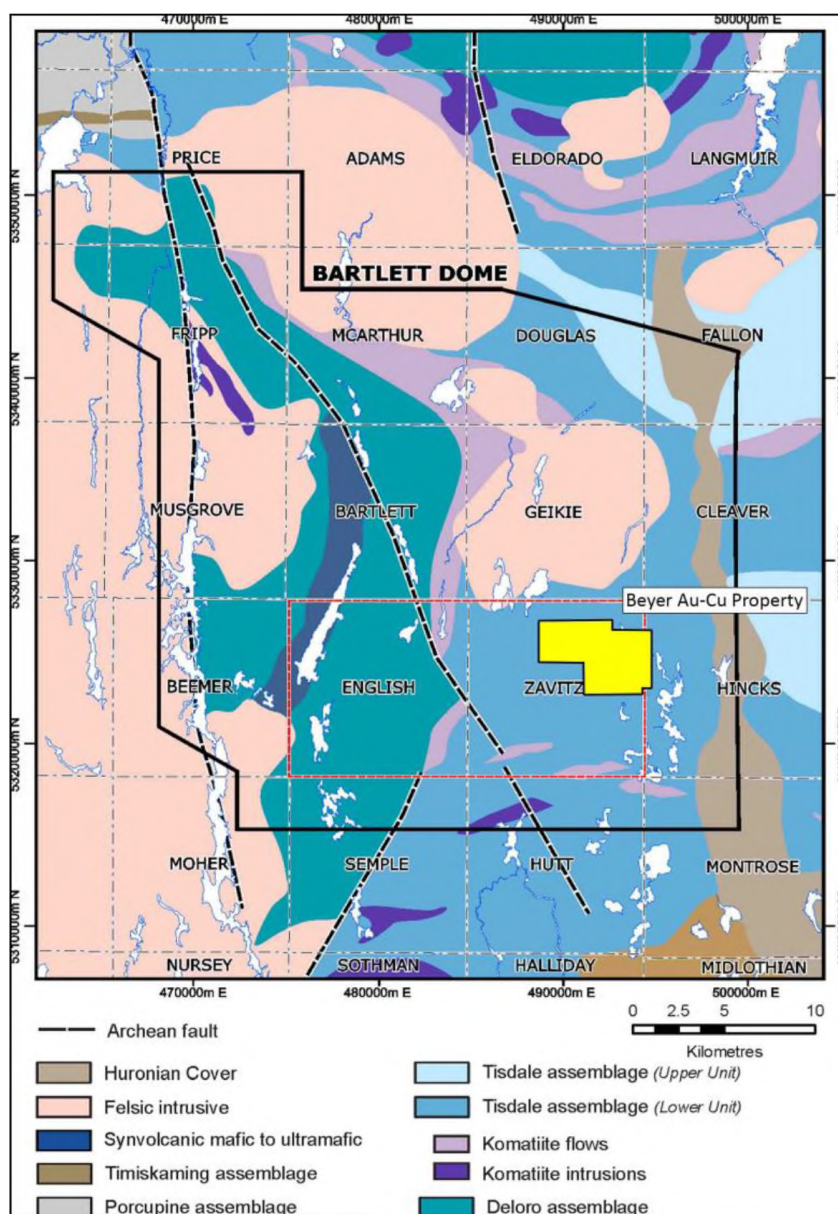


Figure 2: Regional Geology (Houle, Prefontaine et al, 2008)

Property Geology

Geology on the Beyer Zavitz Twp Property is dominated by interlayered actinolite-bearing and subordinate tremolite-bearing massive to pillowed mafic and intermediate volcanic flows (Bright, 1984) with lesser intercalated *sensu stricto*

komatiitic flows and komatiitic basalt flows belonging to the upper section of the Lower Tisdale assemblage. They are typically dark green, actinolitic and pillowed flows with subordinate interlayered light grey-green colored tremolitic metavolcanics. The massive flows are characterized by amygdaloidal tops and rare flow-top breccia. Most of the massive pillowed flows have medium to coarse grained flow centers and pillow breccias are common. Massive to banded chert horizons are seen near the base of this volcanic section south of Kitchiming Lake (Bright, 1984). Several felsic to mafic intrusions intrude the volcanic package.

Rocks southwest of Kitchiming Lake are folded about a shallowly west plunging synclinal axis (Bright, 1984). Much of the historic and recent gold and copper mineralization has been discovered along the northern limb of this fold structure near the south end of Kitchiming Lake.

Falconbridge Nickel Mines Ltd. performed a VLF geophysical survey on the property in 1982 with several conductors identified at the southern extent of Kitchiming Lake. Most of the interpreted conductors terminated within the lake near the west shore inferring a probable north-south striking fault (Falconbridge, 1982). Findings based on geological mapping carried out by INCO Gold Company indicate a north-south fault with sinistral movement of 100 meters located 2 kilometers directly south of the Falconbridge suggested fault structure.

2021 Trenching Program

Trenching efforts were carried out on the Beyer property between June 28th and September 12th, 2021. An area of 1,120 m² was uncovered during the present program. A Caterpillar 322L excavator was used to facilitate digging with overburden depths ranging from 0.5 to 4 metres. Overburden consists mainly of clay-rich loam and vegetation is dominated by a mixed forest including cedar, birch, spruce, balsam and jack pine tree cover. A total of 133.5 hours of excavating was carried out over a 35-day period in two separate areas; Kitchiming West trench (Mining Claim No. 149211: 740 m²) and Kitchiming East trench (Mining Claim No.167874: 340 m²). Steep banks were caved at the end of the program and

excavated piles were leveled to relatively shallow mounds in an effort to reduce any potential environmental hazards.

Exposed subcrop was washed utilizing Honda 1160 and Champion 224 gas powered water pumps and assorted 1.5-inch high-pressure fire hose. Washing was carried out over 31 days by Brian Beyer Sr., Brian Beyer Jr. and Austin Beyer often including the use of shovels to enable access to narrow crevice's where the excavator bucket could not accommodate. Randall Salo and Shelly Moretti carried out the trench mapping and Randall Salo and Brian Beyer acted as supervisors directing the program often based on the findings of the day. 76 samples were sent for analysis of their gold content (1A2, 1A3) to Activation Laboratories in Timmins, Ontario, 5 were sent for rare earth element analysis (8-REE), and 14 were sent for multi-element analysis (UT-7).

Program Results

Volcanic stratigraphy uncovered during the program is bi-modal and includes massive felsic flows, massive mafic flows and pillowed mafic flow rocks including variolitic textured, all of which occur at both the Kitchiming West trench (KW trench; center 493700E, 5324075N, Nad 83, Zone 17,) and at the Kitchiming East trench (KE trench; center 494100E, 5323790N, Nad 83, Zone 17,). At KW trench, three quartz-feldspar porphyry dikes cut volcanic stratigraphy. At KE trench, a short strike length fine-grained mafic intrusive dike occurs within a mafic pillowed flow unit. Quartz veining cuts all lithologies often spatially associated with flow contacts and local shearing.

Felsic volcanic flows (rhyolite) are noted at both trenches and can be up to ten metres in thickness, are non-magnetic and fine-grained with 2% <4mm rounded white to glassy porphyritic quartz phenocrysts and locally 5% disseminated fine-grained porphyritic biotite laths <3mm. On a fresh surface the massive felsic flow rocks are hard, glassy, light grey to green colored and have a waxy texture. On a weathered surface they are white to tan buff colored with common local areas of weak pervasive iron-carbonate alteration. Common felsic inclusions occur within the overlying pillowed mafic flows derived from the felsic flow top facing to the west at KW trench.

Mafic massive flow rocks of at least 10 metres thickness are found at both trenches and along with their blocky nature, they have flow centers dominated by mafic minerals generally euhedral pyroxene crystals <3mm exhibiting a medium-grained pelletal texture. Grain-size fines toward flow contacts within the felsic volcanic and mafic pillowed volcanic units where contacts are dominantly sharp and irregular. Massive flows are locally weakly magnetic.

Mafic pillowed flows are fine-grained and contain generally rounded or sub-rounded pillows from 0.5m to 3m in size. Locally pillows are stretched up to 3:1 ratio. The pillowed flows are medium green colored and weakly magnetic locally. Pillows display distinct regionally carbonate altered selvages up to 6cm in width and can be variolitic whereby varioles can occupy up to 50% by volume and occasionally show a migration of primary gas bubbles upward. Vesicles are carbonate filled and white in color often completely occupying the center of individual pillows. Way-up directions from pillow form, gas bubble migration and inclusion/xenolith location infer tops up to the west at KW trench and tops up to the northwest at KE trench.

A 1m-wide quartz-feldspar porphyry dike transects the KW trench from east to west. A second similar dike 0.5m in width bifurcates from this dike and trends sub-parallel to the south. The northern extent of the KW trench uncovered similar intrusive porphyry rocks at the northeast and northwest extents. It is not clear that these two locations are from the same intrusive body, however, they are identical in mineralogy and are certainly related. Dike contacts are sharp at the northern extent and although sharp in the middle of the KW trench, volcanic rocks are moderately sheared for up to 1m from the contact of the porphyry. The porphyry is medium-grained, matrix supported with 40% <3mm euhedral quartz and white feldspar crystals set in a dark fine-grained siliceous matrix. The porphyry is non-magnetic. On weathered surface the intrusive is buff white colored and in the vicinity of shearing can be light pink colored due at least in part by weak to moderate pervasive hematite alteration associated with shearing.

Structures uncovered during the trenching dominantly trend in three directions and are sub-vertical in character. Brittle to locally ductile shearing <4m in width strikes east-west and occurs at three locations in the KW trench; south and south-central, the third east-west striking fault is observed at 5324080N dextrally offsetting the rhyolite stratigraphy in that vicinity. East-west striking <5cm wide veining at KE trench is associated with elevated gold values (sample 70012 – 1.22 g/T Au)

A prominent north-east striking brittle shear zone approximately 3m in width is noted in the north-central part of the KW trench and another near the northern extent. Similar shearing is seen at the western extent of the trenched area that is likely the southwestern extent of the former. <3cm wide quartz veins at KE trench follows the same northeast trend as shearing observed in KW trench.

North-northwest striking steeply east dipping locally moderately deformed <10cm extensional quartz veins are scattered throughout the KW trench indicating a strong fabric in this direction. Sample 70632 taken from one of these north trending quartz veins contains visible gold and what appears to be telluride mineralization (+anomalous bismuth).

Both directions of shearing (E-W and NE-SW) host weakly to moderately deformed quartz veining with weak to strong fracture-controlled hematite alteration and fine-grained euhedral to coarse-grained anhedral brassy colored pyrite, and subordinate irregular <1cm masses of generally malachite-stained chalcopyrite mineralization. Locations where these two directions of quartz veins cross-cut each other, elevated gold values are present up to 8.92 g/T Au. Associated with the elevated gold values are anomalous barium, bismuth and copper values. Chondrite normalized rare earth element plots of rhyolite samples from the KW and KE trenches show a negative europium anomaly and higher heavy rare earth element concentrations from the KW trench compared to results from the KE trench.

Table 3 – Trenching Results Highlights

Kitchiming West Trench (KW)				
Sample No.	UTM N	UTM E	Description	Au g/mt
70611	5324050.0	493704.9	Mafic volcanic, fine-grained, 1% disseminated pyrite.	1.68
70613	5324051.2	493703.9	Mafic volcanic, fine-grained, 3% disseminated pyrite and chalcopyrite.	0.75
70615	5324051.6	493702.9	Mafic volcanic, fine-grained, 3% disseminated and veinlet pyrite and chalcopyrite.	2.29
70616	5324051.7	493701.9	Mafic volcanic, fine-grained, 5% disseminated and veinlet pyrite and chalcopyrite, malachite staining. At rhyolite contact.	8.92
70632	5324078.0	493721.0	mafic volcanic, 1.5cm white chlorite laminated quartz vein with 3% fracture-controlled chalcopyrite aggregates and minor pyrite aggregates.	13.00
70633	5324080.5	493712.2	moderately sheared mafic volcanic, 8% aggregate chalcopyrite and minor pyrite. Quartz vein trending 330-55E.	3.58
70634	5324080.5	493713.2	mafic volcanic, 0.5cm white to clear quartz vein with 3% fracture-controlled aggregate pyrite and chalcopyrite.	1.43
70635	5324086.5	493712.3	mafic volcanic, 0.2cm white to clear quartz vein with 3% fracture-controlled aggregate pyrite and chalcopyrite.	5.38
70002	5324064.0	493691.5	mafic (possibly intercalated ultramafic) volcanic, moderately magnetic, 3% disseminated fine-grained pyrite.	0.40
70006	5324065.5	493692.0	moderately magnetic pervasive moderately hematite altered quartz-feldspar porphyry dike with 5% biotite leaves, trace disseminated fine-grained pyrite.	3.31
70008	5324066.0	493693.0	strongly sheared and oxidized mafic volcanic, 1% fine-grained disseminated pyrite.	0.48

Table 3 – Trenching Results Highlights ct'd

Kitchiming East Trench (KE)				
Sample No.	UTM N	UTM E	Description	Au g/mt
70012	5323796.0	494099.0	mafic volcanics, quartz vein 2cm, sheared at strike 280 deg., subvertical, 1% vein contact related fine-grained pyrite.	1.22
70015	5323797.0	494092.5	at contact of 280-75 (RHR) quartz vein and hosting felsic volcanics, trace disseminated fine-grained pyrite/oxide mineral.	0.24
70018	5323792.0	494093.5	felsic volcanic, light to medium green-yellow colour, 2% disseminated primary pyrite and chalcopyrite grains <3mm.	0.245
70019	5323786.5	494110.3	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, 1.5cm white quartz vein trending 45 deg., 2% disseminated aggregates of fine-grained pyrite/chalcopyrite, 60cm from felsic/mafic volcanic contact.	0.608
70022	5323793.0	494091.5	1cm white quartz vein at mafic/felsic volcanic contact, 1% fine-grained subhedral vein contact related pyrite and chalcopyrite.	0.16

Nad 83, Zone 17

Program Conclusions and Recommendations

Structures and associated quartz veining on the Beyer property are observed as sub-vertically dipping and striking dominantly in three directions; E-W, NE-SW, and NNW. Results of the 2021 trenching program display a strong correlation between elevated gold values and cross-cutting E-W and NE-SW striking quartz vein bearing shear structures at both the KW and KE trenches. Continued exploration should be

focused on identifying these types of structural trends on the property while targeting for economic gold.

Recommendations include field mapping along a corridor surrounding the synclinal axis, the prominent E-W striking structural feature on the property, in an effort toward discovery of potential structural intersections and economic gold concentrations. A soil sampling program is additionally recommended to aid in targeting areas hosting cross-cutting structures where overburden depths do not accommodate traditional prospecting methods. Geochemical gold and priority structural anomalies should be further investigated utilizing trenching and stripping methods that proved successful during the 2021 program.

Sincerely,

A handwritten signature in black ink that reads "Randall Salo". The signature is written in a cursive style with a large, stylized initial 'R'.

Randall Salo, P.Geol
April 16, 2022

APPENDIX

Statement of Qualifications

I, Randall W. Salo of 800 Gervais Street North, Porcupine, Ontario do hereby certify that I:

- am a graduate of Lakehead University with an Honours Bachelor degree in Geology/Physics (1998).
- have been involved and working in mining exploration for more than 40 years in Canada, Mexico and Asia.
- am a member of the Association of Professional Geoscientists of Ontario since 2005 with member number 1265.
- have included in this report all relevant data derived from both private and public sources.
- have been physically on the property and have expressed personal opinions in this report.
- have an ownership interest in the subject property.

Sincerely disclosed,

A handwritten signature in black ink that reads "Randall W. Salo". The signature is written in a cursive style with a large, stylized 'R' and 'S'.

Randall W. Salo, P.Geo

January 31, 2022

References

- Bright, E.G., 1984: Geology of the Ferrier Lake - Canoeshed Lake Area, District of Sudbury; Ontario Geological Survey Report 231, 60 p. Accompanied by Maps 2289, 2290, 2291, scale 1:31,680.
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- Falconbridge Nickel Mines Ltd., 1982; Rochon Option, Zavitz Township, Geophysical Survey Report. Assessment File 42A03SE0164.
- Houlé, M.G., Préfontaine, S. and Brown, G.H. 2008. Geology and mineral potential of English and Zavitz townships in the Bartlett Dome, Abitibi greenstone belt; *in* Summary of Field Work and Other Activities 2008, Ontario Geological Survey, Open File Report 6226, p.10-1 to 10-17.
- Houlé, M.G., Baldwin, G. and Thurston, P.C. 2008b. Day 3: Physical volcanology of the Bartlett dome; *in* Field trip guidebook to the stratigraphy and volcanology of supracrustal assemblages hosting base metal and gold mineralization in the Abitibi greenstone belt, Timmins, Ontario; Ontario Geological Survey, Open File Report 6225, p.59-73.
- INCO Gold Company, 1989; Geological and Geophysical Surveys, Zavitz Project, Zavitz and Hincks Townships, Ontario, NTS 42-A-3. Assessment File 42A02SW0114.

BEYER ZAVITZ AU-CU PROPERTY
PROPERTY MAP
 ZAVITZ & HINCKS TOWNSHIPS
 APRIL 16, 2022 RANDALL SALO

Administrative Districts

Township
ZAVITZ & HINCKS TOWNSHIPS
 Mining Division
Porcupine
 Land Registry
SUDBURY
 Natural Resources and Forestry District Office
Timmins

Topographic

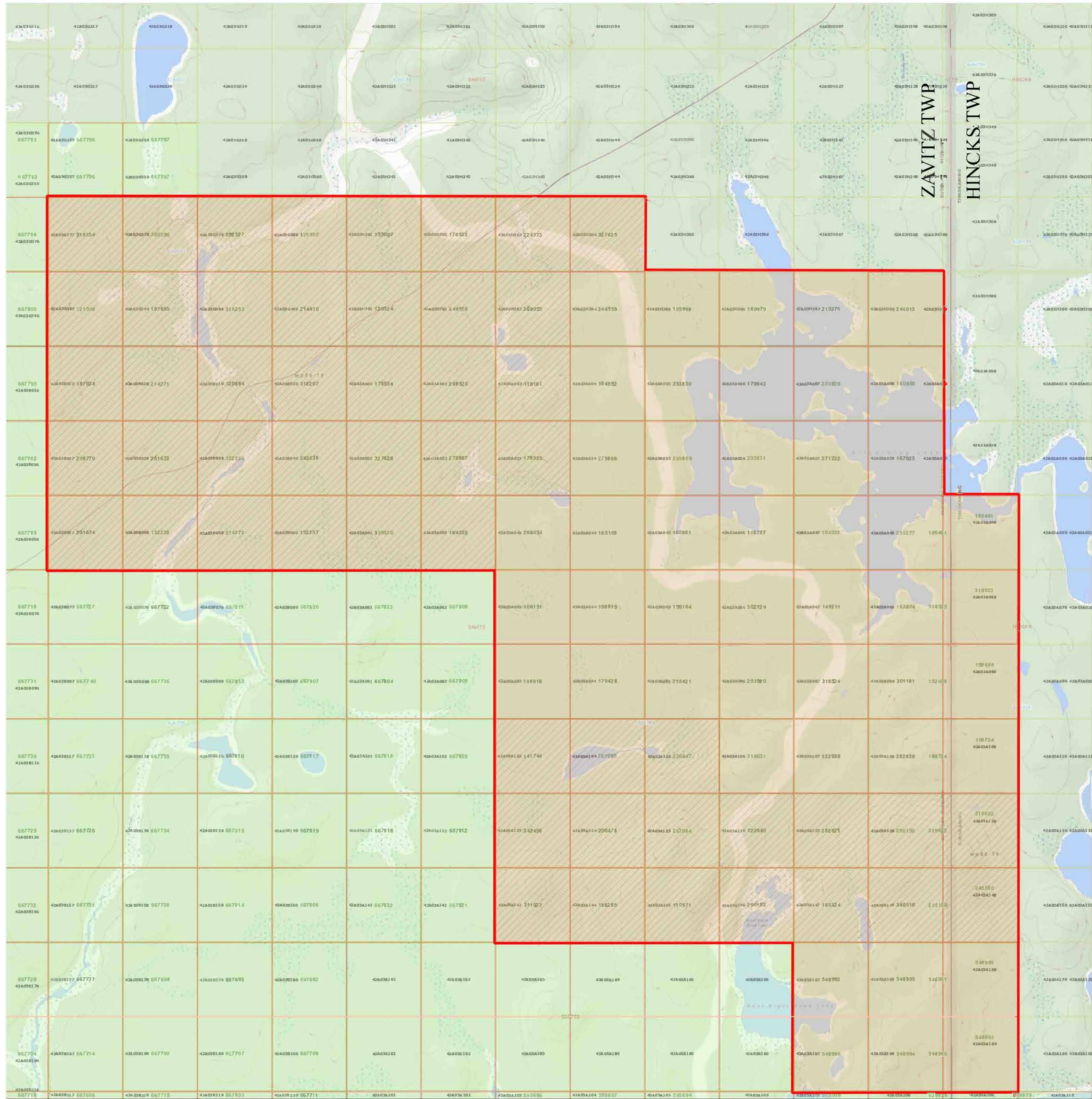
- Building on Symbol
- Building to Scale
- Runway
- Helipad / Hopper / Helport
- Seasonal Base
- Ferry Route
- Trail Head 1
- Trail
- Railway / Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major or Minor)
- Water Road
- Road with Bridge
- Road with Tunnel
- Road with Ramp
- AD (Surface Roadway)
- Secondary Highway
- Tertiary Highway
- Driveway / Access Easement or Municipal Road
- Not Highway
- One Way Road
- Road with Interchange
- Driveway / Access
- Road with Address Ranges
- Hydro Line / Communication Line or Cable / Transmission Line #
- Natural Gas Pipeline / Water Pipeline
- Iron Contour
- Contour
- Wooded Area
- Wetland
- Watershed
- Watershed Elevation
- Watershed
- Falls
- Rapids
- Rocks/Islets
- Rocks
- Lock Gate
- Dam / Hydro Wall
- Dam / Hydro Wall
- Provincial / State Boundary
- Intermunicipal Boundary
- Upper Tier / District / Municipal Boundary
- Lower Tier / Single Tier / Municipal Boundary
- Lot Line
- Iron Contour
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands

Legend

- Mining Claim**
 - Mining Claim
 - Boundary Claim
 - Legacy Claim
- Alienation**
 - Withdrawal
 - Notice
- NDM Administrative Boundaries**
 - NDM Townships and Areas
 - Geographic Lot Fabric
 - Mining Division
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council
 - Federal Land Other
 - Property Boundary**

Scale: 1:4,514
 0 1.81 km

Map Datum: NAD 83
 Projection: Web Mercator



Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.
 Completeness and accuracy are not guaranteed.

Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry.
 The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.
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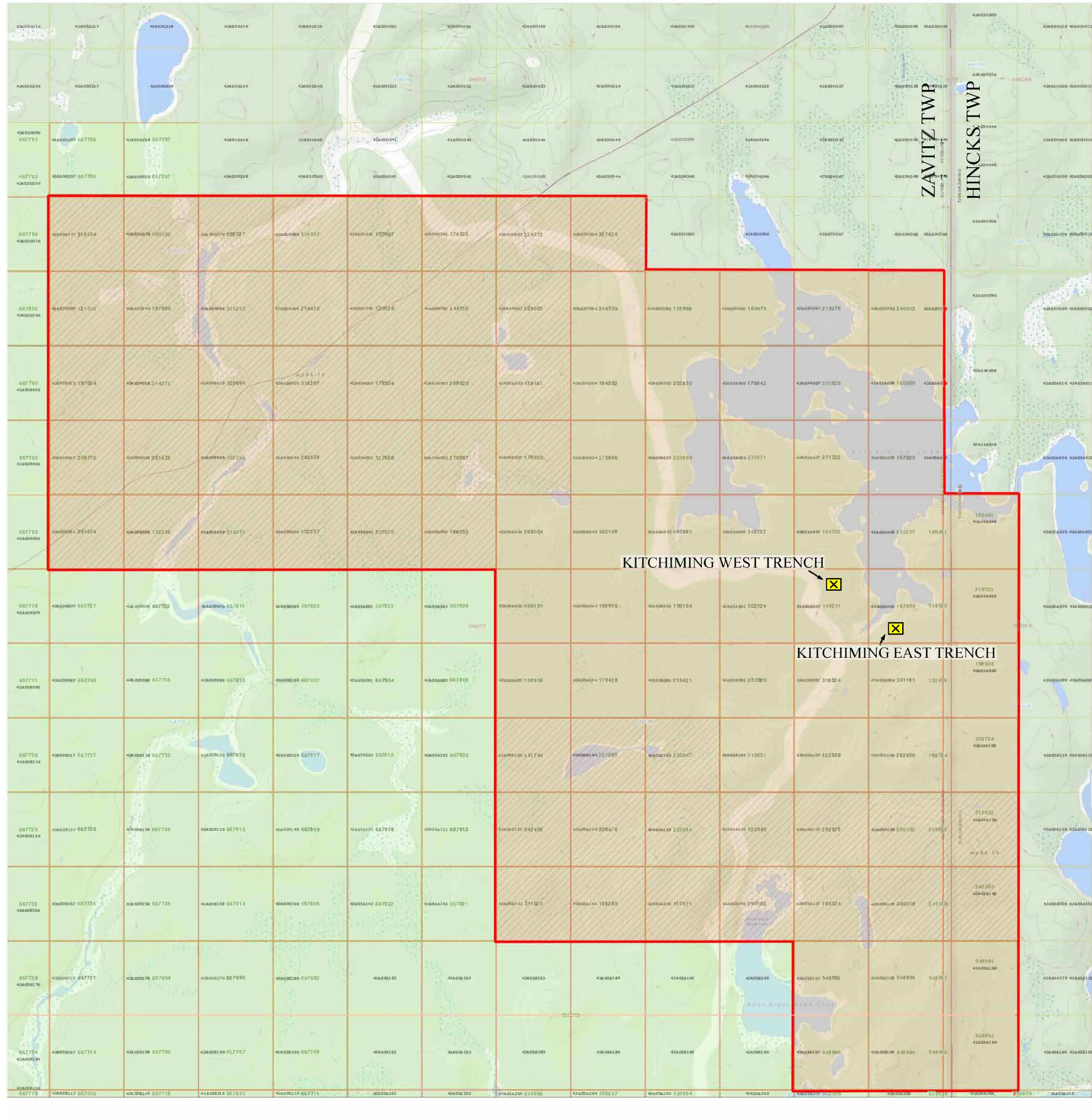


Beyer Zavitz Township Au-Cu Property - Cell List

Legacy Claim Id	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied	Available Consultation Reserve	Available Exploration Reserve	Total Reserve	Conversion Bank Credit
4255204	ZAVITZ	104332	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4261891	ZAVITZ	106151	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4267441	HINCKS,ZAVITZ	108724	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	110371	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4261891	ZAVITZ	118727	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4241138	ZAVITZ	119161	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	120524	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	120864	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	121507	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	121508	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4267441	ZAVITZ	122939	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	4365	4365	0
4267442	ZAVITZ	122940	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	4452	4452	0
4255201	ZAVITZ	132236	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	132237	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	132238	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	141744	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255202	ZAVITZ	149211	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4261891	ZAVITZ	150164	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4255202	HINCKS,ZAVITZ	152698	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4241140	ZAVITZ	159007	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	160979	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	160980	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4261891	ZAVITZ	160981	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4261891	ZAVITZ	165108	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	167025	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255202	ZAVITZ	167874	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	6562	6562	0
4241138	ZAVITZ	178533	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	178534	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241138	ZAVITZ	178535	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	179428	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	179943	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	184552	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4241138	ZAVITZ	184553	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	185998	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4267441	ZAVITZ	186324	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255202	HINCKS,ZAVITZ	186461	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	188285	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	197034	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	197680	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4261891	ZAVITZ	198915	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	198916	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	200478	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	214271	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	214272	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	214410	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	215276	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	215277	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	215421	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4241138	ZAVITZ	224373	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	233829	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	233830	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	233831	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	236947	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	243638	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	244559	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4241138	ZAVITZ	244560	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4267441	HINCKS,ZAVITZ	245580	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	246013	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255201	ZAVITZ	251673	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	251674	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0

Legacy Claim Id	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied	Available Consultation Reserve	Available Exploration Reserve	Total Reserve	Conversion Bank Credit
4241140	ZAVITZ	252327	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	253520	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	267083	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	267084	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	2574	2574	0
4241138	ZAVITZ	269053	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4261891	ZAVITZ	269054	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	271722	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4255204	ZAVITZ	279866	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4241138	ZAVITZ	279867	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4267441	ZAVITZ	282820	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4267441	ZAVITZ	282821	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255204	ZAVITZ	289869	Single Cell Mining Claim	2023-05-11	Active	100	400	400	0	0	0	0
4267441	ZAVITZ	290152	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	290153	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	7425	7425	0
4241138	ZAVITZ	298520	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	298770	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	300356	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255202	ZAVITZ	301181	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4261891	ZAVITZ	302729	Single Cell Mining Claim	2023-05-18	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	311027	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	318207	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	318354	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4241140	ZAVITZ	318355	Single Cell Mining Claim	2023-04-30	Active	100	400	1600	0	0	0	0
4255202	HINCKS,ZAVITZ	318523	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4255202	ZAVITZ	318524	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4267442	ZAVITZ	319631	Single Cell Mining Claim	2023-04-15	Active	100	400	400	0	0	0	0
4267441	HINCKS,ZAVITZ	319632	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4241138	ZAVITZ	327625	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	327626	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4255201	ZAVITZ	339520	Single Cell Mining Claim	2023-04-21	Active	100	400	1600	0	0	0	0
4267441	ZAVITZ	340510	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
4267442	ZAVITZ	342456	Single Cell Mining Claim	2023-07-20	Active	100	400	1600	0	0	0	0
	ZAVITZ	548990	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
	HINCKS,ZAVITZ	548991	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
	ZAVITZ	548992	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
	HINCKS,ZAVITZ	548993	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
	ZAVITZ	548994	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
	ZAVITZ	548995	Single Cell Mining Claim	2023-04-28	Active	100	400	800	0	0	0	0
Total		98							Total	25,378		

BEYER ZAVITZ AU-CU PROPERTY
TRENCH LOCATION MAP
 ZAVITZ & HINCKS TOWNSHIPS
 APRIL 16, 2022 | RANDALL SALO



Administrative Districts

- Township
ZAVITZ & HINCKS TOWNSHIPS
- Mining Division
Porcupine
- Land Registry
SUDBURY
- Natural Resources and Forestry District Office
Timmins

Topographic

- Building Symbol
- Building to Scale
- Runway
- Harbour / Wharves / Pier
- Seasonal Drain
- Ferry Route
- Trail Head 1
- Trail
- Railway Train Station
- Railway with Bridge
- Railway with Tunnel
- Road (Major - 4 Lanes)
- Water Road
- Road with Bridge
- Road with Tunnel
- Secondary Highway
- Tertiary Highway
- Driveway/Access Easement or Multiple Road
- Footway
- One Way Road
- Road with Interchange
- Road with Address Ranges
- Hydro Line, Communication Line or Cable/Power Transmission Line
- Natural Gas Pipeline, Water Pipeline
- Water Main
- Water Pipe
- Spot Height
- Index Contour
- Contour
- Wooded Area
- Wetland
- Waterbody
- Waterbody Elevation
- Watercourse
- Falls
- Rapids
- Rocks 1/ Falls
- Rapids
- Rocks
- Lock Gate
- Dam 1 Hydro Wall
- Dam 1 Hydro Wall
- Proposed 1 State Boundary
- Intermunicipal Boundary
- Upper Tier 1 District
- Lower Tier 1 Single Tier
- Municipal Boundary
- Lot Line
- Indian Reserve
- Provincial Park
- National Park
- Conservation Reserve
- Military Lands

Legend

- Mining Claim**
 - Mining Claim
 - Boundary Claim
 - Legacy Claim
- Alienation**
 - Withdrawal
 - Notice
- NDM Administrative Boundaries**
 - NDM Townships and Areas
 - Geographic Lot Fabric
 - Mining Division
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council
 - Federal Land Other
 - Property Boundary

Scale: 1:4,514
 0 | 1.81 km

Map Datum: NAD 83
 Projection: Web Mercator



Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.
 Completeness and accuracy are not guaranteed.

Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry.
 The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.
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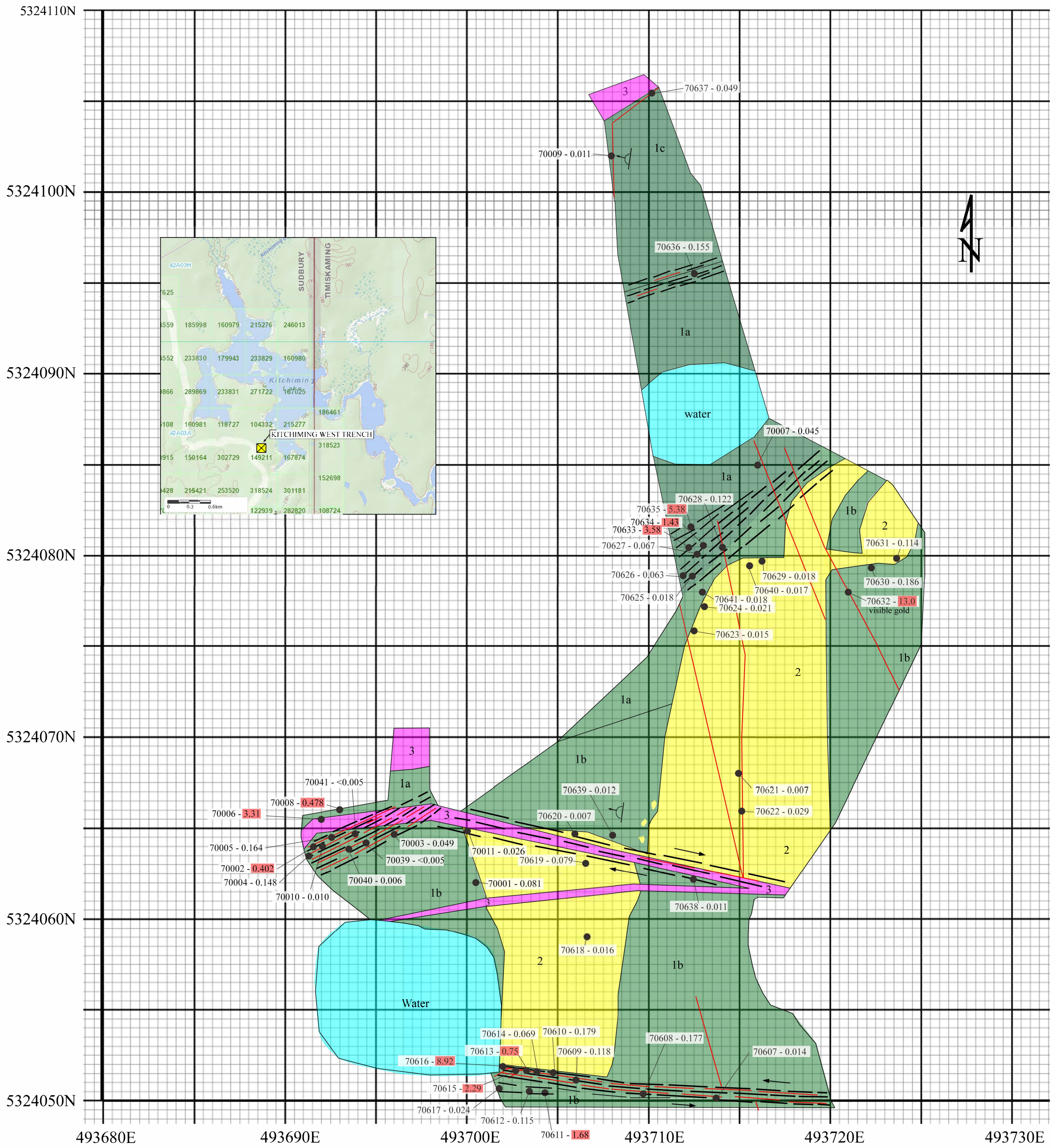
Zavitz Project - Kitchiming West Trench (KW) Sample Descriptions and Results				
Sample No.	UTM N	UTM E	Description	Au g/mt
70607	5324050.0	493713.8	Mafic volcanic/quartz vein contact with fine-grained pyrite within the white quartz vein and within hosting mafics near contact.	0.01
70608	5324050.0	493709.6	Mafic volcanic/quartz vein contact with fine-grained pyrite within the white quartz vein and within hosting mafics near contact, non-magnetic.	0.18
70609	5324051.2	493706.6	Mafic volcanic/quartz vein contact with fine-grained pyrite within the white quartz vein and within hosting mafics near rhyolite contact.	0.12
70610	5324051.5	493704.9	Mafic volcanic, fine-grained, 3% disseminated and veinlet pyrite, blocky.	0.18
70611	5324050.0	493704.9	Mafic volcanic, fine-grained, 1% disseminated pyrite.	1.68
70612	5324050.0	493703.9	Mafic volcanic, fine-grained, 1% disseminated pyrite.	0.12
70613	5324051.2	493703.9	Mafic volcanic, fine-grained, 3% disseminated pyrite and chalcopyrite.	0.75
70614	5324051.2	493705.9	Mafic volcanic, fine-grained, 1% disseminated pyrite. At rhyolite contact.	0.07
70615	5324051.6	493702.9	Mafic volcanic, fine-grained, 3% disseminated and veinlet pyrite and chalcopyrite.	2.29
70616	5324051.7	493701.9	Mafic volcanic, fine-grained, 5% disseminated and veinlet pyrite and chalcopyrite, malachite staining. At rhyolite contact.	8.92
70617	5324050.4	493701.0	Mafic volcanic, fine-grained, 1% disseminated pyrite.	0.02
70618	5324059.0	493706.6	Felsic volcanic, 2cm quartz vein with 1% disseminated pyrite at contact.	0.02
70619	5324063.0	493706.6	Felsic volcanic, rhyolite, fine-grained, 3% disseminated and veinlet pyrite and chalcopyrite, malachite staining.	0.08
70620	5324065.7	493707.0	massive felsic volcanic, medium green colour, waxy texture, trace disseminated fine-grained pyrite.	0.01
70621	5324067.9	493715.0	Felsic volcanic. 1% disseminated fine-grained pyrite, medium green colour.	0.01
70622	5324065.9	493715.0	Felsic volcanic, medium green colour, waxy texture, 3cm quartz vein, trace fracture-controlled fine-grained pyrite, non magnetic.	0.03
70623	5324075.9	493712.5	felsic volcanic, light green colour, fine-grained pyrite aggregates	0.02
70624	5324077.2	493712.7	felsic volcanic, light green colour, fine-grained pyrite aggregates, very fine-grained brown coloured alteration mineral.	0.02
70625	5324078.9	493712.1	mafic volcanic, 0.5cm white to clear quartz vein with 3% fracture-controlled aggregate pyrite and chalcopyrite.	0.02
70626	5324078.9	493711.9	0.5cm vuggy quartz vein hosted by mafic volcanics, 2% fine-grained disseminated pyrite within and along vein contacts.	0.06

Sample No.	UTM N	UTM E	Description	Au g/mt
70627	5324080.2	493712.7	0.5cm vuggy quartz vein hosted by mafic volcanics, 4% fine-grained veinlet and aggregate pyrite and chalcopyrite within and along vein contacts.	0.07
70628	5324080.5	493714.0	0.5cm vuggy quartz vein hosted by mafic volcanics, 2% fine-grained veinlet and aggregate pyrite and chalcopyrite within and along vein contacts.	0.12
70629	5324079.9	493716.3	felsic volcanic, light green colour, 2% disseminated circular pyrite +/- chalcopyrite aggregates, non-magnetic.	0.02
70630	5324079.4	493722.3	mafic volcanic, 4% aggregate coarse-grained pyrite along fractures.	0.19
70631	5324079.6	493723.6	felsic volcanic, light green colour, 3% disseminated shiny silver coloured pyrite sub- to euhedral cubes.	0.11
70632	5324078.0	493721.0	mafic volcanic, 1.5cm white chlorite laminated quartz vein with 3% fracture-controlled chalcopyrite aggregates and minor pyrite aggregates.	13.00
70633	5324080.5	493712.2	moderately sheared mafic volcanic, 8% aggregate chalcopyrite and minor pyrite. Quartz vein trending 330-55E.	3.58
70634	5324080.5	493713.2	mafic volcanic, 0.5cm white to clear quartz vein with 3% fracture-controlled aggregate pyrite and chalcopyrite.	1.43
70635	5324086.5	493712.3	mafic volcanic, 0.2cm white to clear quartz vein with 3% fracture-controlled aggregate pyrite and chalcopyrite.	5.38
70636	5324095.5	493712.5	mafic volcanic, several 3mm wide quartz veins with 2% disseminated fine-grained subhedral pyrite within vein and along vein contacts.	0.16
70637	5324105.4	493710.1	90% quartz vein material hosted within mafic volcanic, trace contact related fine-grained pyrite.	0.05
70638	5324062.4	493712.5	Felsic intrusive, fine-grained siliceous matrix, 10% euhedral fine-grained biotite laths randomly oriented, 1% subhedral fine-grained pyrite, non-magnetic.	0.01
70639	5324062.4	493709.5	Mafic volcanic, pervasive altered to medium green colour, 2cm quartz vein with 1% fracture-controlled fine-grained pyrite.	0.01
70640	5324080.7	493707.3	felsic volcanic, light green colour, fine-grained, siliceous, 2% pyrite veinlets filling late fractures.	0.02
70641	5324078.4	493706.0	mafic volcanic with 1cm white quartz vein hosting 3% fine-grained euhedral and aggregate pyrite.	0.02
70001	5324062.0	493700.5	mafic (possibly intercalated ultramafic) volcanic, moderately magnetic, 3% disseminated fine-grained pyrite.	0.08
70002	5324064.0	493691.5	mafic (possibly intercalated ultramafic) volcanic, moderately magnetic, 3% disseminated fine-grained pyrite.	0.40
70003	5324064.6	493696.0	mafic volcanic, strong bleaching - albite?, several mm-scale quartz veins, 3% fine-grained fracture-controlled subhedral pyrite.	0.05

Sample No.	UTM N	UTM E	Description	Au g/mt
70004	5324063.5	493691.4	mafic volcanic, strong bleaching - albite?, rare mm-scale quartz vein, 3% fine-grained fracture-controlled subhedral pyrite, weakly magnetic	0.15
70005	5324064.5	493693.0	strongly oxidized ankerite altered mafic volcanic, several 0.5cm quartz veins, 2% fine-grained fracture-controlled pyrite.	0.16
70006	5324065.5	493692.0	moderately magnetic pervasive moderately hematite altered quartz-feldspar porphyry dike with 5% biotite leaves, trace disseminated fine-grained pyrite.	3.31
70007	5324085.0	493716.0	massive mafic (possibly ultramafic) volcanic, 2% disseminated fine-grained pyrite and chalcopyrite grains.	0.05
70008	5324066.0	493693.0	strongly sheared and oxidized mafic volcanic, 1% fine-grained disseminated pyrite.	0.48
70009	5324102.0	493708.0	mafic volcanic, 3cm chlorite laminated quartz vein, 1% fine-grained pyrite along vein contacts.	0.01
70010	5324064.0	493692.0	strongly oxidized ankerite altered mafic volcanic, several 0.5cm quartz veins, 2% fine-grained fracture-controlled pyrite.	0.01
70011	5324064.7	493700.0	felsic volcanic, medium green colour, moderately sheared, 4% disseminated and stringer fine-grained pyrite.	0.03
70039	5324064.0	493694.5	mafic volcanic, numerous mm quartz veinlets randomly oriented but generally striking east-west, bleaching alteration following vein contacts - albite?, 1% fracture-controlled fine-grained pyrite associated with quartz veining.	< 0.005
70040	5324064.0	493693.5	2cm quartz veins, strong iron carbonate - ankerite alteration, 2% quartz vein related pyrite.	0.01
70041	5324064.3	493694.0	mafic volcanic, numerous mm quartz veinlets randomly oriented but generally striking east-west, bleaching alteration following vein contacts - albite?, 1% fracture-controlled fine-grained pyrite associated with quartz veining.	< 0.005

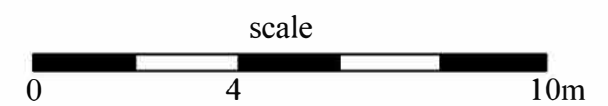
Zavitz Project - Kitchiming East Trench (KE) Sample Descriptions and Results				
Sample No.	UTM N	UTM E	Description	Au g/mt
70012	5323796.0	494099.0	mafic volcanics, quartz vein 2cm, sheared at strike 280 deg., subvertical, 1% vein contact related fine-grained pyrite.	1.22
70013	5323787.0	494100.0	contact sheared zone of mafic/felsic volcanics, striking 45 deg., moderate hematite-chlorite fracture-controlled alteration, 1% fracture-controlled pyrite fine-grained, malachite staining.	0.013
70014	5323793.0	494097.0	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, area of raised oxidized mineral 3mm veining.	0.045
70015	5323797.0	494092.5	at contact of 280-75 (RHR) quartz vein and hosting felsic volcanics, trace disseminated fine-grained pyrite/oxide mineral.	0.24
70016	5323794.5	494101.0	45 deg. striking 1cm quartz vein within hosting felsic volcanics, common mm hematite red veinlets, 2% very fine-grained vein contacts related silver coloured pyrite and chalcopryite aggregates.	0.061
70017	5323800.0	494080.0	350 deg. striking narrow quartz veining, chlorite laminated, common red hematite altered veins, trace contact related fine-grained pyrite, hosting mafic volcanics.	0.012
70018	5323792.0	494093.5	felsic volcanic, light to medium green-yellow colour, 2% disseminated primary pyrite and chalcopryite grains <3mm.	0.245
70019	5323786.5	494110.3	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, 1.5cm white quartz vein trending 45 deg., 2% disseminated aggregates of fine-grained pyrite/chalcopryite, 60cm from felsic/mafic volcanic contact.	0.608
70020	5323790.0	494095.0	felsic volcanic, light to medium green-yellow colour, 2% disseminated primary pyrite and chalcopryite grains <3mm.	0.009
70021	5323798.5	494090.0	280-80 quartz vein 0.5cm, mafic volcanic, 1% fine-grained disseminated pyrite.	0.043
	5323796.0	494089.5	fine-grained mafic dike cutting felsic volcanics, non-magnetic.	
70022	5323793.0	494091.5	1cm white quartz vein at mafic/felsic volcanic contact, 1% fine-grained subhedral vein contact related pyrite and chalcopryite.	0.16
70023	5323784.0	494110.0	45 deg. Contact with mafic/felsic volcanics, 2% fracture-controlled fine-grained and aggregate pyrite and chalcopryite, non-magnetic.	0.049

Sample No.	UTM N	UTM E	Description	Au g/mt
70024	5323796.0	494092.5	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization.	0.087
70025	5323784.6	494111.0	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, malachite staining.	< 0.005
70026	5323792.0	494094.5	felsic volcanic, light to medium green-yellow colour, 2% disseminated primary pyrite and chalcopyrite grains <3mm.	0.017
70027	5323786.0	494110.5	felsic volcanic, light to medium green-yellow colour, 2% disseminated primary pyrite and chalcopyrite grains <3mm.	0.023
70028	5323784.7	494111.0	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, 2% disseminated primary medium-grained pyrite and chalcopyrite subhedral grains, malachite staining.	0.042
70029	5323784.6	494110.8	felsic volcanic, light green-yellow colour, fine-grained - glassy, common flat and square brown to black coloured mineral precipitated along late fractures often aggregating to for hexagonal to round shapes, primary mineralization, 2% disseminated primary medium-grained pyrite and chalcopyrite subhedral grains, malachite staining.	0.029
70030	494088.0	5323799.0	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70031	494086.0	5323796.5	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70032	494089.0	5323795.5	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70033	494105.0	5323793.0	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70034	494108.0	5323793.0	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70035	494110.0	5323790.0	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70036	494120.0	5323786.5	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70037	494121.0	5323781.5	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005
70038	491101.0	5323786.0	mafic volcanic, 1% disseminated fine-grained pyrite	<0.005



LEGEND

- | | | |
|---|------------------|--------------------------|
| 1a mafic volcanic - massive flow rocks | way-up direction | shear movement direction |
| 1b mafic volcanic - pillowed flow rocks | shear zone | sample location |
| 1c mafic volcanic - pillowed flow rocks variolitic | quartz vein | sample # - Au g/mt |
| 2 felsic volcanic - massive flow rocks | | |
| 3 felsic intrusive - quartz-feldspar porphyry | | |

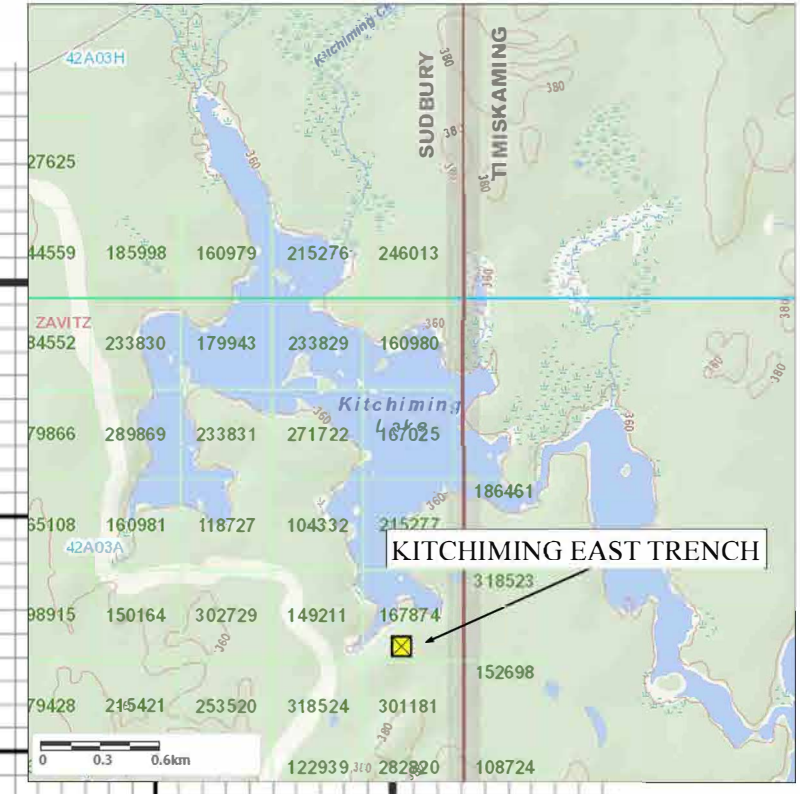
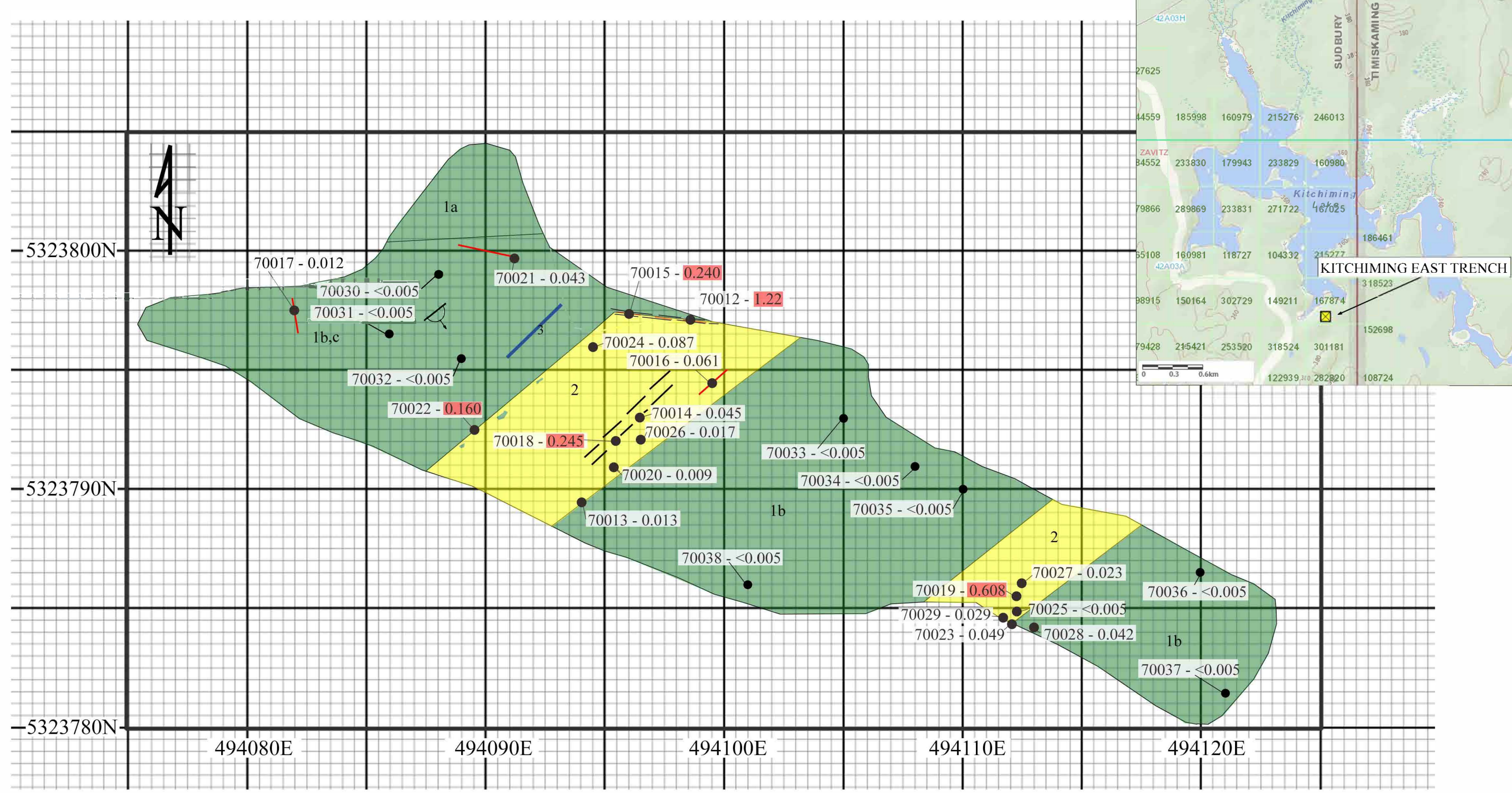


BEYER GOLD PROPERTY

ZAVITZ & HINCKS TOWNSHIPS
PORCUPINE & LARDER LAKE MINING DIVISIONS

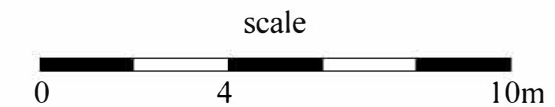
STRIPPING MAP - KITCHIMING WEST

Randall Salo	Mining Claim: 149211 Area: 740 m ²	October 26, 2021
--------------	--	------------------



LEGEND

- 1a mafic volcanic - massive flow rocks
- 1b mafic volcanic - pillowed flow rocks
- 1c mafic volcanic - pillowed flow rocks variolitic
- 2 felsic volcanic - massive flow rocks
- mafic intrusive dike
- b way-up direction
- / / / / shear zone
- / quartz vein
- shear movement direction
- sample location
sample # - Au g/mt



Datum: NAD 83, Zone 17

BEYER GOLD PROPERTY
 ZAVITZ & HINCKS TOWNSHIPS
 PORCUPINE & LARDER LAKE MINING DIVISIONS
STRIPPING MAP - KITCHIMING EAST

Randall Salo Mining Claim: 167874 October 26, 2021
 Area: 380 m²



Report No.: A21-17297
Report Date: 04-Nov-21
Date Submitted: 14-Sep-21
Your Reference: Douglas

Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

76 Rock samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details. Rows include 1A2-Timmins (10g/m t) and 1A3-Timmins.

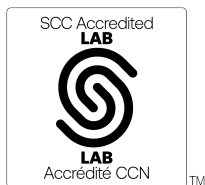
REPORT A21-17297

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Notes:

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

Total includes all elements in % oxide to the left of total.



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

**Rock N Roll Prospecting Inc
800 Gervais St. North
Box 1983
Porcupine Ontario P0N 1C0
Canada**

**Report No.: A21-17297
Report Date: 04-Nov-21
Date Submitted: 14-Sep-21
Your Reference: Douglas**

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

76 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-REE Assay Package	QOP WRA/ QOP WRA 4B2 (Major/Trace Elements Fusion ICPOES/ICPMS)	2021-10-20 13:58:49
UT-7	QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES + ICPMS)	2021-10-22 14:30:47

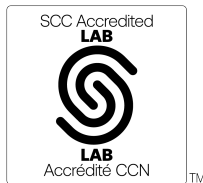
REPORT **A21-17297**

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Notes:

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

Total includes all elements in % oxide to the left of total.



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:

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10
Method Code	FA-AA	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
70607	0.014																						
70608	0.177																						
70609	0.118																						
70610	0.179																						
70611	1.68																						
70612	0.115																						
70613	0.750																						
70614	0.069																						
70615	2.29																						
70616	8.92	6.37	109	30	542	< 3	503	0.33	3	246	33.3	60	2.8	> 10000	9.3	3.0	7.6	9.35	16.2	25.1	3.4	1.4	< 10
70617	0.024																						
70618	0.016																						
70619	0.079	6.65	10	40	374	< 3	< 2	0.50	< 2	23.1	11.5	50	3.3	1700	3.5	2.5	0.6	2.06	16.2	3.0	2.9	0.6	< 10
70620	0.007																						
70621	0.007																						
70622	0.029																						
70623	0.015																						
70624	0.021																						
70625	0.018																						
70626	0.063																						
70627	0.067																						
70628	0.122																						
70629	0.018																						
70630	0.186																						
70631	0.114																						
70632	> 10.0																						
70633	3.58	3.06	6	< 10	29	< 3	140	1.54	8	9.4	167	80	4.2	> 10000	3.0	1.8	1.2	18.0	12.3	2.6	3.2	0.6	< 10
70634	1.43																						
70635	5.38																						
70636	0.155																						
70637	0.049																						
70638	0.011																						
70639	0.012																						
70640	0.017	7.19	< 5	20	424	< 3	< 2	0.14	< 2	21.4	1.7	70	1.3	26	4.6	2.7	0.8	0.58	16.4	3.2	1.6	0.8	< 10
70641	0.018																						
70001	0.081																						
70002	0.402																						
70003	0.049																						
70004	0.148																						
70005	0.164																						
70006	3.31																						
70007	0.045																						
70008	0.478																						
70009	0.011																						
70010	0.010																						
70011	0.026																						
70012	1.22																						
70013	0.013																						
70014	0.045	7.64	< 5	30	446	< 3	< 2	0.14	< 2	21.7	2.0	70	2.1	69	1.7	0.4	0.6	0.61	16.2	3.6	1.5	< 0.2	< 10

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10
Method Code	FA-AA	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2
70015	0.240																						
70016	0.061	5.32	< 5	< 10	319	< 3	5	0.92	< 2	23.9	5.6	80	1.7	805	1.1	0.3	0.4	0.95	11.4	1.8	1.3	< 0.2	< 10
70017	0.012																						
70018	0.245	6.01	12	10	524	< 3	< 2	2.26	< 2	16.2	8.4	90	1.4	85	1.3	0.6	0.4	2.30	15.1	1.2	1.7	< 0.2	< 10
70019	0.608	6.03	< 5	10	289	< 3	24	1.00	< 2	32.8	5.4	90	2.4	774	0.6	0.2	0.7	0.85	15.7	1.6	1.5	< 0.2	< 10
70020	0.009	7.66	< 5	20	868	< 3	< 2	0.61	< 2	32.8	2.4	70	1.2	103	1.8	0.5	0.8	0.82	18.9	2.9	1.4	< 0.2	< 10
70021	0.043	7.43	< 5	< 10	159	< 3	< 2	8.88	< 2	9.8	48.9	200	0.7	30	3.9	2.8	1.0	8.97	16.3	4.1	3.1	1.0	< 10
70022	0.160																						
70023	0.049																						
70024	0.087																						
70025	< 0.005																						
70026	0.017	7.67	< 5	30	919	< 3	< 2	0.39	< 2	25.9	2.2	80	1.5	37	1.3	0.5	0.7	1.08	18.4	3.9	1.4	< 0.2	< 10
70027	0.023	7.16	< 5	30	276	< 3	< 2	1.18	< 2	36.6	13.6	70	1.5	619	< 0.3	< 0.1	0.9	0.81	16.8	2.1	1.8	< 0.2	< 10
70028	0.042	7.33	< 5	20	542	< 3	< 2	0.84	< 2	24.8	11.8	70	2.0	1350	1.7	0.5	0.9	1.78	18.9	2.6	1.7	0.3	< 10
70029	0.029	7.58	< 5	20	915	< 3	< 2	0.29	< 2	35.3	2.4	110	1.8	139	1.5	0.7	0.9	1.50	22.7	2.4	1.5	0.2	< 10
70030	< 0.005																						
70031	< 0.005																						
70032	< 0.005																						
70033	< 0.005																						
70034	< 0.005																						
70035	< 0.005																						
70036	< 0.005																						
70037	< 0.005																						
70038	< 0.005																						
70039	< 0.005																						
70040	0.006																						
70041	< 0.005																						

Analyte Symbol	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	0.2	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6	
Method Code	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	
70607																								
70608																								
70609																								
70610																								
70611																								
70612																								
70613																								
70614																								
70615																								
70616		2.0	3.0	113	15	0.37	252	16	7.1	147	30	355	33.7	154	5.62	2	26	25.7	34.5	5.5	22	1.2	2.9	106
70617																								
70618																								
70619		< 0.2	3.2	9.7	10	0.43	173	7	9.8	11.7	10	36.4	3.2	190	0.19	< 2	26	> 30.0	2.9	1.6	28	1.3	0.7	< 6
70620																								
70621																								
70622																								
70623																								
70624																								
70625																								
70626																								
70627																								
70628																								
70629																								
70630																								
70631																								
70632																								
70633		2.5	0.3	3.1	9	1.56	1340	10	5.9	6.3	50	71.4	1.6	37.9	5.43	< 2	57	24.5	1.7	21.8	41	1.0	0.5	44
70634																								
70635																								
70636																								
70637																								
70638																								
70639																								
70640		< 0.2	1.2	10.3	< 3	0.04	63	4	11.8	12.9	20	26.7	3.1	48.8	< 0.01	< 2	11	> 30.0	3.1	1.8	63	1.2	0.6	10
70641																								
70001																								
70002																								
70003																								
70004																								
70005																								
70006																								
70007																								
70008																								
70009																								
70010																								
70011																								
70012																								
70013																								
70014		< 0.2	1.3	10.3	3	0.06	52	4	12.4	12.4	20	19.9	2.9	72.4	< 0.01	< 2	11	> 30.0	3.4	< 0.5	69	1.5	0.2	9

Analyte Symbol	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
70015																							
70016	< 0.2	0.6	10.3	7	0.14	116	5	8.1	11.9	20	45.2	3.1	48.8	0.09	< 2	< 8	> 30.0	1.5	1.3	81	1.4	0.3	16
70017																							
70018	< 0.2	1.2	7.2	13	0.25	171	5	9.0	7.1	30	47.2	2.1	61.5	0.77	< 2	< 8	> 30.0	1.7	1.2	67	1.1	0.3	< 6
70019	< 0.2	0.9	16.3	5	0.07	105	4	8.9	17.3	30	29.8	4.1	60.4	0.05	< 2	< 8	> 30.0	2.5	1.1	90	1.1	0.2	10
70020	< 0.2	0.8	15.5	5	0.04	47	3	13.8	16.9	20	20.3	3.7	36.0	0.16	< 2	11	> 30.0	3.2	1.3	76	1.5	0.4	9
70021	< 0.2	0.7	3.9	11	2.69	1620	3	10.4	8.3	100	23.9	2.1	41.9	0.18	< 2	15	23.8	2.9	7.3	290	1.5	0.7	7
70022																							
70023																							
70024																							
70025																							
70026	< 0.2	1.1	11.1	3	0.04	52	3	12.6	12.4	30	23.8	3.2	51.0	0.17	< 2	< 8	> 30.0	3.0	0.9	77	1.6	0.3	8
70027	< 0.2	0.8	19.0	8	0.05	48	2	11.2	21.3	10	45.3	4.8	53.2	0.22	< 2	13	> 30.0	1.3	1.3	109	1.8	0.1	< 6
70028	< 0.2	1.0	10.6	6	0.16	88	4	11.7	11.2	30	39.1	3.0	60.4	0.28	< 2	23	> 30.0	2.5	1.8	123	1.6	0.3	< 6
70029	< 0.2	1.3	15.9	4	0.05	66	5	13.0	16.1	50	24.9	4.1	55.1	0.51	< 2	< 8	> 30.0	3.0	1.3	63	1.7	0.4	8
70030																							
70031																							
70032																							
70033																							
70034																							
70035																							
70036																							
70037																							
70038																							
70039																							
70040																							
70041																							

Analyte Symbol	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Au	LOI	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	%	%	%	%	%	%	%	%	%	%	%	
Lower Limit	0.1	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.03		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FA-GRA	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	
70607																								
70608																								
70609																								
70610																								
70611																								
70612																								
70613																								
70614																								
70615																								
70616		3.4	0.03	0.9	0.5	1.0	8	4.4	33.9	2.8	110													
70617																								
70618																								
70619		4.3	0.03	0.8	0.3	1.3	< 5	4.4	18.3	2.6	50		2.25	75.32	12.95	3.07	0.020	0.71	0.75	0.34	3.82	0.050	0.02	99.31
70620																								
70621																								
70622																								
70623													1.34	76.57	13.79	1.31	0.010	0.08	0.19	3.16	2.50	0.050	0.01	99.02
70624																								
70625																								
70626																								
70627																								
70628																								
70629																								
70630																								
70631																								
70632												13.0												
70633		0.3	0.45	0.3	0.3	0.2	213	597	14.6	2.0	420													
70634																								
70635																								
70636																								
70637																								
70638																								
70639																								
70640		4.3	0.03	0.3	0.4	1.1	< 5	5.0	22.5	2.6	< 30													
70641																								
70001																								
70002																								
70003																								
70004																								
70005																								
70006																								
70007																								
70008																								
70009																								
70010																								
70011																								
70012																								
70013																								
70014		3.6	0.01	0.4	< 0.1	1.1	< 5	3.8	5.7	0.4	< 30		0.85	76.47	14.94	0.90	0.009	0.09	0.24	5.29	1.53	0.022	0.04	100.4

Analyte Symbol	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Au	LOI	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Total	
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	%	%	%	%	%	%	%	%	%	%	%	
Lower Limit	0.1	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.03		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	0.01	
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FA-GRA	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	
70015																								
70016	2.5	0.01	0.2	< 0.1	1.0	21	3.0	4.0	0.4	< 30														
70017																								
70018	2.1	0.06	0.4	< 0.1	0.7	57	2.3	5.8	0.7	< 30														
70019	2.5	0.02	0.3	< 0.1	0.8	8	3.5	2.8	0.2	< 30														
70020	3.6	0.01	0.2	< 0.1	1.1	6	3.4	6.8	0.8	< 30														
70021	0.3	0.69	0.2	0.4	0.5	367	10.7	22.8	2.9	90														
70022																								
70023																								
70024																								
70025																								
70026	3.5	0.02	0.2	< 0.1	1.0	7	4.1	5.9	0.6	< 30														
70027	3.0	0.02	0.3	< 0.1	1.0	6	2.5	3.0	0.2	< 30														
70028	3.4	0.02	0.2	< 0.1	1.2	15	3.3	6.7	0.5	30		1.04	74.81	14.06	2.60	0.015	0.27	1.15	5.21	1.13	0.040	0.05	100.4	
70029	3.7	0.01	0.3	< 0.1	1.2	11	1.3	6.0	0.5	50		1.37	74.54	14.91	2.24	0.010	0.08	0.44	5.09	1.55	0.024	0.03	100.3	
70030																								
70031																								
70032																								
70033																								
70034																								
70035																								
70036																								
70037																								
70038																								
70039																								
70040																								
70041																								

Analyte Symbol	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	1	1	5	20	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	
70607																								
70608																								
70609																								
70610																								
70611																								
70612																								
70613																								
70614																								
70615																								
70616																								
70617																								
70618																								
70619		1	< 1	< 5	< 20	9	< 20	1520	40	14	2	7	170	22	21	74	5	3	1.3	< 0.2	< 1	< 0.5	3.3	355
70620																								
70621																								
70622																								
70623		1	< 1	< 5	< 20	1	< 20	30	40	19	1	< 5	90	34	21	80	7	< 2	< 0.5	< 0.2	1	< 0.5	0.8	684
70624																								
70625																								
70626																								
70627																								
70628																								
70629																								
70630																								
70631																								
70632																								
70633																								
70634																								
70635																								
70636																								
70637																								
70638																								
70639																								
70640																								
70641																								
70001																								
70002																								
70003																								
70004																								
70005																								
70006																								
70007																								
70008																								
70009																								
70010																								
70011																								
70012																								
70013																								
70014		< 1	1	< 5	20	2	< 20	70	< 30	19	1	< 5	73	61	6	52	9	2	< 0.5	< 0.2	< 1	< 0.5	1.9	428
70015																								

Analyte Symbol	Sc	Be	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Lower Limit	1	1	5	20	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	
70016																								
70017																								
70018																								
70019																								
70020																								
70021																								
70022																								
70023																								
70024																								
70025																								
70026																								
70027																								
70028		1	1	14	20	11	< 20	1310	< 30	17	1	< 5	57	109	7	49	7	2	0.9	< 0.2	1	< 0.5	1.1	531
70029		< 1	1	8	40	2	< 20	130	< 30	22	< 1	< 5	57	57	7	54	10	3	< 0.5	< 0.2	< 1	< 0.5	1.1	904
70030																								
70031																								
70032																								
70033																								
70034																								
70035																								
70036																								
70037																								
70038																								
70039																								
70040																								
70041																								

Analyte Symbol	Bi	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.4	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
70607																						
70608																						
70609																						
70610																						
70611																						
70612																						
70613																						
70614																						
70615																						
70616																						
70617																						
70618																						
70619	0.6	10.4	21.8	2.60	10.1	2.6	0.51	2.6	0.5	3.3	0.6	1.9	0.31	2.2	0.31	2.7	0.6	< 1	0.8	12	4.0	1.2
70620																						
70621																						
70622																						
70623	< 0.4	14.4	30.1	3.43	13.2	3.8	0.73	3.5	0.6	3.8	0.8	2.3	0.35	2.3	0.36	3.5	0.8	2	0.5	21	4.9	1.4
70624																						
70625																						
70626																						
70627																						
70628																						
70629																						
70630																						
70631																						
70632																						
70633																						
70634																						
70635																						
70636																						
70637																						
70638																						
70639																						
70640																						
70641																						
70001																						
70002																						
70003																						
70004																						
70005																						
70006																						
70007																						
70008																						
70009																						
70010																						
70011																						
70012																						
70013																						
70014	< 0.4	12.0	25.1	2.87	11.8	3.1	0.48	2.2	0.3	1.3	0.2	0.5	0.07	0.4	0.05	2.5	1.8	< 1	0.4	< 5	4.0	1.1
70015																						

Analyte Symbol	Bi	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.4	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
70016																						
70017																						
70018																						
70019																						
70020																						
70021																						
70022																						
70023																						
70024																						
70025																						
70026																						
70027																						
70028	0.6	13.1	26.5	3.03	12.1	3.1	0.59	2.1	0.3	1.5	0.2	0.6	0.09	0.5	0.07	2.3	0.9	< 1	0.3	11	3.5	1.1
70029	< 0.4	14.7	33.0	3.63	14.3	3.3	0.48	2.3	0.3	1.4	0.2	0.5	0.07	0.4	0.06	2.6	1.1	< 1	0.3	< 5	3.8	1.2
70030																						
70031																						
70032																						
70033																						
70034																						
70035																						
70036																						
70037																						
70038																						
70039																						
70040																						
70041																						

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10
Method Code	FA-AA	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
PTM-1a Meas			2010								> 5000				> 10000								
PTM-1a Cert			2200								20500.00				249600.00								
NIST 696 Meas		> 25.0										340											
NIST 696 Cert		28.9										321.0											
DTS-2b Meas		0.21						0.12															
DTS-2b Cert		0.240						0.0900															
SY-4 Meas																							
SY-4 Cert																							
Oreas 74a (Fusion) Meas			49								575	1850		1190				13.8					
Oreas 74a (Fusion) Cert			50								581	1800.00		1240.00				13.7					
BIR-1a Meas																							
BIR-1a Cert																							
ZW-C Meas																							
ZW-C Cert																							
MP-1b Meas			> 10000				965	2.57	541						> 10000			8.19					
MP-1b Cert			23000.00				954.0000	2.47	527.0000						30700			8.19					
OREAS 101a (Fusion) Meas										1340	51.1			454	32.9	20.7	9.1	11.2		35.9		6.5	
OREAS 101a (Fusion) Cert										1396	48.8			434	33.3	19.5	8.06	11.06		43.4		6.46	
OREAS 101a (Fusion) Meas										1320	51.4			420	31.3	19.7	8.2			42.2		6.5	
OREAS 101a (Fusion) Cert										1396	48.8			434	33.3	19.5	8.06			43.4		6.46	
OREAS 101b (Fusion) Meas																							
OREAS 101b (Fusion) Cert																							
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas																							
USZ 25-2006 Cert																							
NCS DC86315 Meas																							
NCS DC86315 Cert																							
NCS DC86314 Meas														2910									
NCS DC86314 Cert														2830									
USZ 42-2006																							

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10
Method Code	FA-AA	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Meas																							
USZ 42-2006 Cert																							
CZN-4 Meas		0.06	333						2690		90.0			3850									
CZN-4 Cert		0.0715	356.00 00						2604.0 000		93.5			4030.0 00									
Lithium Tetraborate FX-LT 100 lot#220610B Meas				> 10000																			
Lithium Tetraborate FX-LT 100 lot#220610B Cert				255700																			
REE-1 Meas																							
REE-1 Cert																							
OREAS 922 (Peroxide Fusion) Meas		7.70						0.51										5.81					
OREAS 922 (Peroxide Fusion) Cert		7.59						0.49										5.71					
OREAS 621 (Peroxide Fusion) Meas		6.87	74		2600	< 3	4	1.98	287	48.1	27.0	80	3.8	3540				3.86	26.2				
OREAS 621 (Peroxide Fusion) Cert		6.63	85		2610	2	4	2.00	295	52.0	31.4	50	3.6	3680				3.71	26.5				
CCU-1e Meas		0.13																> 30.0					
CCU-1e Cert		0.139																30.7					
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas	2.29																						
Oreas 237 (Fire Assay) Cert	2.21																						
Oreas 237 (Fire Assay) Meas	2.22																						
Oreas 237 (Fire Assay) Cert	2.21																						
Oreas 237 (Fire Assay) Meas	2.28																						
Oreas 237 (Fire Assay) Cert	2.21																						
OREAS 680 (Peroxide Fusion) Meas		7.39	105		688		< 2	5.58	8	37.0	320	2090	3.8	8970	2.8	1.9	1.4	11.9	18.7	3.4		0.6	
OREAS 680 (Peroxide Fusion) Cert		7.19	120		649		1.66	5.80	8.18	38.7	334	2140	3.94	9040	3.07	1.74	1.30	11.9	16.5	3.77		0.580	
OREAS 228b (Fire Assay) Meas	8.19																						
OREAS 228b (Fire Assay) Cert	8.57																						
OREAS 228b (Fire Assay) Meas	8.88																						

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10
Method Code	FA-AA	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
OREAS 228b (Fire Assay) Cert	8.57																						
OREAS 139 (Peroxide Fusion) Meas		3.63	327			< 3	7	1.20	288	45.1	26.7			3.9	278		1.8	11.6	10.1				
OREAS 139 (Peroxide Fusion) Cert		3.70	332			3.17	6.64	1.20	296	49.4	26.0			3.21	274		1.69	11.9	10.2				
OREAS 624 (Peroxide Fusion) Meas		4.27	113		1100		21	1.47	130	33.0	289			0.9	> 10000			16.4	18.8				
OREAS 624 (Peroxide Fusion) Cert		4.32	115		1070		21.3	1.49	133	32.9	273			1.32	30800			16.3	22.1				
OREAS 624 (Peroxide Fusion) Meas			112		1080		22		141	33.3	275			1.7	> 10000				23.8				
OREAS 624 (Peroxide Fusion) Cert			115		1070		21.3		133	32.9	273			1.32	30800				22.1				
OREAS 124 (Peroxide Fusion) Meas		4.60			1050	< 3		0.08		47.3		100			3.1	1.7	1.4	1.52	12.5	4.6		0.7	10
OREAS 124 (Peroxide Fusion) Cert		4.62			1020	1.83		0.0880		47.6		51.0			2.82	1.60	1.15	1.56	10.5	3.47		0.580	6.22
AMIS 0346 (Peroxide Fusion) Meas																		> 30.0					
AMIS 0346 (Peroxide Fusion) Cert																		44.3					
NCS DC73520 Meas																							
NCS DC73520 Cert																							
OREAS 148 (Peroxide Fusion) Meas		5.33						0.94										3.08					
OREAS 148 (Peroxide Fusion) Cert		5.37						0.90										3.06					
70616 Orig	8.19																						
70616 Dup	9.65																						
70626 Orig	0.051																						
70626 Dup	0.074																						
70636 Orig	0.153																						
70636 Dup	0.158																						
70015 Orig	0.238																						
70015 Dup	0.242																						
70018 Orig		6.00	12	10	540	< 3	< 2	2.24	< 2	16.0	8.8	80	1.6	91	1.2	0.5	0.3	2.30	14.8	1.4	1.7	< 0.2	< 10
70018 Dup		6.01	12	20	507	< 3	< 2	2.29	< 2	16.4	8.1	100	1.2	78	1.4	0.7	0.4	2.30	15.4	1.0	1.6	< 0.2	< 10
70023 Orig	0.048																						
70023 Dup	0.049																						
70024 Orig	0.109																						
70024 Dup	0.066																						

Analyte Symbol	Au	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Ho	Hf	
Unit Symbol	g/mt	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
Lower Limit	0.005	0.01	5	10	3	3	2	0.01	2	0.8	0.2	30	0.1	2	0.3	0.1	0.1	0.05	0.2	0.1	0.7	0.2	10	
Method Code	FA-AA	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	FUS- MS- Na2O2	
70034 Orig	< 0.005																							
70034 Dup	< 0.005																							
70037 Orig	< 0.005																							
70037 Dup	< 0.005																							
Method Blank																								
Method Blank																								
Method Blank																								
Method Blank	0.005																							
Method Blank	0.006																							
Method Blank	< 0.005																							
Method Blank	< 0.005																							
Method Blank	< 0.005																							
Method Blank	< 0.005																							
Method Blank		< 0.01						< 0.01										< 0.05						
Method Blank		< 0.01	< 5	10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	1.1	50	0.3	6	< 0.3	< 0.1	< 0.1	< 0.05	< 0.2	< 0.1	< 0.7	< 0.2	< 10	
Method Blank		< 0.01	< 5	< 10	< 3	< 3	< 2	< 0.01	< 2	< 0.8	1.2	130	0.2	5	< 0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.1	< 0.7	< 0.2	< 10	
Method Blank																								
Method Blank																								

Analyte Symbol	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6
Method Code	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
PTM-1a Meas										> 10000				21.9									
PTM-1a Cert										474400.00				22.4									
NIST 696 Meas																							
NIST 696 Cert																							
DTS-2b Meas					> 30.0												19.1						
DTS-2b Cert					29.8												18.4						
SY-4 Meas																							
SY-4 Cert																							
Oreas 74a (Fusion) Meas										> 10000				7.36			15.7						
Oreas 74a (Fusion) Cert										32400.00				7.25			15.14						
BIR-1a Meas																							
BIR-1a Cert																							
ZW-C Meas																							
ZW-C Cert																							
MP-1b Meas	576				0.03		294				> 5000			13.4			16.9		> 10000				
MP-1b Cert	565.0000				0.024		285				20900			13.79			16.79		16100				
OREAS 101a (Fusion) Meas		2.3	821		1.18	964	21		403				123					51.6					6.7
OREAS 101a (Fusion) Cert		2.34	816		1.23	964	21.9		403				134					48.8					5.92
OREAS 101a (Fusion) Meas			786			963	22		406				129					48.8					6.3
OREAS 101a (Fusion) Cert			816			964	21.9		403				134					48.8					5.92
OREAS 101b (Fusion) Meas																							
OREAS 101b (Fusion) Cert																							
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas																							
USZ 25-2006 Cert																							
NCS DC86315 Meas									3554.5													8350	
NCS DC86315 Cert									3640.000													8350.000	
NCS DC86314 Meas				> 10000										> 5000					154				
NCS DC86314 Cert				18100.00										11400					152				
USZ 42-2006																							

Analyte Symbol	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
Meas																							
USZ 42-2006 Cert																							
CZN-4 Meas											1840			> 25.0		77	0.26						
CZN-4 Cert											1861.0000			33.07		86.7	0.295						
Lithium Tetraborate FX-LT 100 lot#220610B Meas				> 10000																			
Lithium Tetraborate FX-LT 100 lot#220610B Cert				82100																			
REE-1 Meas																							
REE-1 Cert																							
OREAS 922 (Peroxide Fusion) Meas		2.7			1.57									0.38			> 30.0						
OREAS 922 (Peroxide Fusion) Cert		2.60			1.61									0.389			30.51						
OREAS 621 (Peroxide Fusion) Meas	1.4	2.2	26.0		0.50	532	16	10.8	21.0		> 5000	5.5	81.4	4.37	132		28.1			107			
OREAS 621 (Peroxide Fusion) Cert	1.9	2.23	26.1		0.516	554	14	10.4	24.2		13300	6.64	89.0	4.51	146		28.1			101			
CCU-1e Meas					0.69									> 25.0									
CCU-1e Cert					0.706									35.3									
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
OREAS 680 (Peroxide Fusion) Meas		1.2	18.3	13	3.66	1250		8.1	21.1	> 10000	2610	4.7	78.8	5.06	20		20.1	5.8		407		0.6	
OREAS 680 (Peroxide Fusion) Cert		1.29	18.6	14.5	3.71	1240		5.09	20.8	21500	2580	4.99	76.0	5.14	19.7		20.6	4.26		420		0.550	
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							

Analyte Symbol	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pr	Rb	S	Sb	Se	Si	Sm	Sn	Sr	Ta	Tb	Te
Unit Symbol	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.2	0.1	0.4	3	0.01	3	1	2.4	0.4	10	0.8	0.1	0.4	0.01	2	8	0.01	0.1	0.5	3	0.2	0.1	6
Method Code	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2
OREAS 228b (Fire Assay) Cert																							
OREAS 139 (Peroxide Fusion) Meas	0.9	3.2	22.4	38	0.49	6470	12				> 5000		143	15.3	62		15.8			454			0.5
OREAS 139 (Peroxide Fusion) Cert	0.690	3.30	23.1	40.4	0.501	6570	11.1				22000		145	16.04	63.0		16.34			479			0.500
OREAS 624 (Peroxide Fusion) Meas	4.2	0.9	17.2	13	1.31	661	17	8.2	18.2		> 5000	4.1	28.3	12.5	72		20.3			47			
OREAS 624 (Peroxide Fusion) Cert	4.14	0.991	17.3	10.3	1.31	660	17.8	5.78	16.8		6120	4.27	33.0	13.2	72.0		20.5			47.6			
OREAS 624 (Peroxide Fusion) Meas	3.9		17.3	12		705	15	8.1	16.3		> 5000	4.2	33.5		66					52			
OREAS 624 (Peroxide Fusion) Cert	4.14		17.3	10.3		660	17.8	5.78	16.8		6120	4.27	33.0		72.0					47.6			
OREAS 124 (Peroxide Fusion) Meas		2.6	20.6		0.20	724			19.6			4.8	92.2				> 30.0	4.6					0.6
OREAS 124 (Peroxide Fusion) Cert		2.62	21.6		0.224	700			20.8			5.39	86.0				38.2	4.21					0.480
AMIS 0346 (Peroxide Fusion) Meas																							
AMIS 0346 (Peroxide Fusion) Cert																							
NCS DC73520 Meas															0.44								
NCS DC73520 Cert															0.44								
OREAS 148 (Peroxide Fusion) Meas		1.6			0.46												> 30.0						
OREAS 148 (Peroxide Fusion) Cert		1.5			0.47												36.0						
70616 Orig																							
70616 Dup																							
70626 Orig																							
70626 Dup																							
70636 Orig																							
70636 Dup																							
70015 Orig																							
70015 Dup																							
70018 Orig	< 0.2	1.2	7.3	13	0.25	168	3	8.2	7.5	30	45.1	2.0	56.8	0.76	< 2	< 8	> 30.0	2.0	1.1	64	1.0	0.2	< 6
70018 Dup	< 0.2	1.2	7.1	13	0.25	173	6	9.9	6.7	30	49.3	2.1	66.1	0.78	< 2	< 8	> 30.0	1.4	1.3	71	1.1	0.3	< 6
70023 Orig																							
70023 Dup																							
70024 Orig																							
70024 Dup																							

Analyte Symbol	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	%	%	%	%	%	%	%	%	%	ppm	ppm
Lower Limit	0.1	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.03	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FA-GRA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
NIST 694 Meas												11.62	1.88	0.73	0.014	0.33	42.58	0.87	0.54	0.117	30.18		
NIST 694 Cert												11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2		
DNC-1 Meas												47.04	18.45	9.91	0.148	10.12	11.57	1.94	0.22	0.486	0.08	31	
DNC-1 Cert												47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070	31	
PTM-1a Meas																							
PTM-1a Cert																							
NIST 696 Meas						413																	
NIST 696 Cert						403.00 00																	
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas												49.86	20.34	6.08	0.109	0.49	8.19	6.96	1.66	0.284	0.14	< 1	3
SY-4 Cert												49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131	1.1	2.6
Oreas 74a (Fusion) Meas																							
Oreas 74a (Fusion) Cert																							
BIR-1a Meas												47.93	15.73	11.33	0.170	9.63	13.61	1.84	0.02	0.987	0.02	43	< 1
BIR-1a Cert												47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021	44	0.58
ZW-C Meas																							
ZW-C Cert																							
MP-1b Meas							1190			> 10000													
MP-1b Cert							1100.0 00			167000													
OREAS 101a (Fusion) Meas	34.7	0.40		3.1	426	79		177	16.6														
OREAS 101a (Fusion) Cert	36.6	0.395		2.90	422	83		183	17.5														
OREAS 101a (Fusion) Meas	35.1			2.3	388	84		177	17.0														
OREAS 101a (Fusion) Cert	36.6			2.90	422	83		183	17.5														
OREAS 101b (Fusion) Meas																							
OREAS 101b (Fusion) Cert																							
NCS DC86318 Meas																							
NCS DC86318 Cert																							
SARM 3 Meas																							
SARM 3 Cert																							
USZ 25-2006 Meas																							
USZ 25-2006 Cert																							
NCS DC86315 Meas								34.4															
NCS DC86315 Cert								21.4															
NCS DC86314 Meas								78.7															
NCS DC86314 Cert								79.0															

Analyte Symbol	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	%	%	%	%	%	%	%	%	%	ppm	ppm
Lower Limit	0.1	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.03	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FA-GRA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
USZ 42-2006 Meas																							
USZ 42-2006 Cert																							
CZN-4 Meas										> 10000													
CZN-4 Cert										550700.00													
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
REE-1 Meas																							
REE-1 Cert																							
OREAS 922 (Peroxide Fusion) Meas		0.44																					
OREAS 922 (Peroxide Fusion) Cert		0.439																					
OREAS 621 (Peroxide Fusion) Meas	8.2	0.19	1.8		2.4	35	4.8	12.8	1.4	> 10000													
OREAS 621 (Peroxide Fusion) Cert	8.6	0.181	2.0		3.0	36.3	2.6	13.9	1.03	52200													
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 229b (Fire Assay) Meas											12.0												
OREAS 229b (Fire Assay) Cert											11.9												
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
OREAS 680 (Peroxide Fusion) Meas	7.4	0.52			1.6	232		16.0	1.1	2520													
OREAS 680 (Peroxide Fusion) Cert	6.73	0.523			1.55	224		16.2	1.52	2320													
OREAS 228b (Fire Assay) Meas											8.55												
OREAS 228b (Fire Assay) Cert											8.57												

Analyte Symbol	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	Sc	Be
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne	%	%	%	%	%	%	%	%	%	%	ppm	ppm
Lower Limit	0.1	0.01	0.1	0.1	0.1	5	0.7	0.1	0.1	30	0.03	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	1	1
Method Code	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FUS-MS-Na2O2	FA-GRA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 139 (Peroxide Fusion) Meas	7.2	0.15	35.0		11.3			15.1		> 10000													
OREAS 139 (Peroxide Fusion) Cert	7.54	0.157	35.4		12.2			17.1		133600.00													
OREAS 624 (Peroxide Fusion) Meas	3.9	0.15	1.0		1.4	44	6.6	16.6	1.7	> 10000													
OREAS 624 (Peroxide Fusion) Cert	4.12	0.146	0.940		1.34	43.3	4.58	17.3	1.94	24100													
OREAS 624 (Peroxide Fusion) Meas	4.2		1.1		1.4	33	5.9	12.8	1.9	> 10000													
OREAS 624 (Peroxide Fusion) Cert	4.12		0.940		1.34	43.3	4.58	17.3	1.94	24100													
OREAS 124 (Peroxide Fusion) Meas	5.5	0.26		0.4	1740	26		14.7	1.7														
OREAS 124 (Peroxide Fusion) Cert	5.74	0.254		0.220	1790	23.3		14.2	1.63														
AMIS 0346 (Peroxide Fusion) Meas		14.6				2800																	
AMIS 0346 (Peroxide Fusion) Cert		15.0				2700																	
NCS DC73520 Meas																							
NCS DC73520 Cert																							
OREAS 148 (Peroxide Fusion) Meas		0.35																					
OREAS 148 (Peroxide Fusion) Cert		0.35																					
70616 Orig																							
70616 Dup																							
70626 Orig																							
70626 Dup																							
70636 Orig																							
70636 Dup																							
70015 Orig																							
70015 Dup																							
70018 Orig	2.1	0.06	0.4	0.1	0.7	53	1.9	5.6	0.7	< 30													
70018 Dup	2.2	0.06	0.4	< 0.1	0.8	62	2.6	6.0	0.8	< 30													
70023 Orig																							
70023 Dup																							

Analyte Symbol	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	20	1	20	10	30	1	1	5	2	2	4	1	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1
Method Code	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS
NIST 694 Meas	1660																						
NIST 694 Cert	1740																						
DNC-1 Meas	157										145	15	33									106	
DNC-1 Cert	148										144.0	18.0	38									118	
PTM-1a Meas																							
PTM-1a Cert																							
NIST 696 Meas																							
NIST 696 Cert																							
DTS-2b Meas																							
DTS-2b Cert																							
SY-4 Meas	8										1196	114	536									351	
SY-4 Cert	8.0										1191	119	517									340	
Oreas 74a (Fusion) Meas																							
Oreas 74a (Fusion) Cert																							
BIR-1a Meas	339	380	51	170	120	60	15		< 5		108	13	14						< 0.5			8	
BIR-1a Cert	310	370	52	170	125	70	16		0.44		110	16	18						0.58			6	
ZW-C Meas		60				1050	98			8920					213			1380	4.5	269			29.8
ZW-C Cert		56.0				1050	99			8500					198			1300	4.2	260			30.0
MP-1b Meas																							
MP-1b Cert																							
OREAS 101a (Fusion) Meas																							
OREAS 101a (Fusion) Cert																							
OREAS 101a (Fusion) Meas																							
OREAS 101a (Fusion) Cert																							
OREAS 101b (Fusion) Meas			45		420										20								809
OREAS 101b (Fusion) Cert			47		420										21								789
NCS DC86318 Meas										381										11.0			1990
NCS DC86318 Cert										369.42										11.88			1960
SARM 3 Meas															1070								
SARM 3 Cert															978								
USZ 25-2006 Meas			33	70		650																	18700
USZ 25-2006 Cert			32.5	70.8		600																	19300
NCS DC86315 Meas																							
NCS DC86315 Cert																							
NCS DC86314 Meas																							
NCS DC86314 Cert																							
USZ 42-2006 Meas			5	< 20	20	460								37	36								21600
USZ 42-2006 Cert			7.89	13.18	27.37	469								31.00	34.40								21100

Analyte Symbol	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	20	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1
Method Code	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS
CZN-4 Meas																							
CZN-4 Cert																							
Lithium Tetraborate FX-LT 100 lot#220610B Meas																							
Lithium Tetraborate FX-LT 100 lot#220610B Cert																							
REE-1 Meas		280			90				122	1040								489		1.1			1650
REE-1 Cert		277			79.7				124	1050								498		1.07			1661
OREAS 922 (Peroxide Fusion) Meas																							
OREAS 922 (Peroxide Fusion) Cert																							
OREAS 621 (Peroxide Fusion) Meas																							
OREAS 621 (Peroxide Fusion) Cert																							
CCU-1e Meas																							
CCU-1e Cert																							
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
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Oreas 237 (Fire Assay) Cert																							
Oreas 237 (Fire Assay) Meas																							
Oreas 237 (Fire Assay) Cert																							
OREAS 680 (Peroxide Fusion) Meas																							
OREAS 680 (Peroxide Fusion) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 228b (Fire Assay) Meas																							
OREAS 228b (Fire Assay) Cert																							
OREAS 139 (Peroxide Fusion)																							

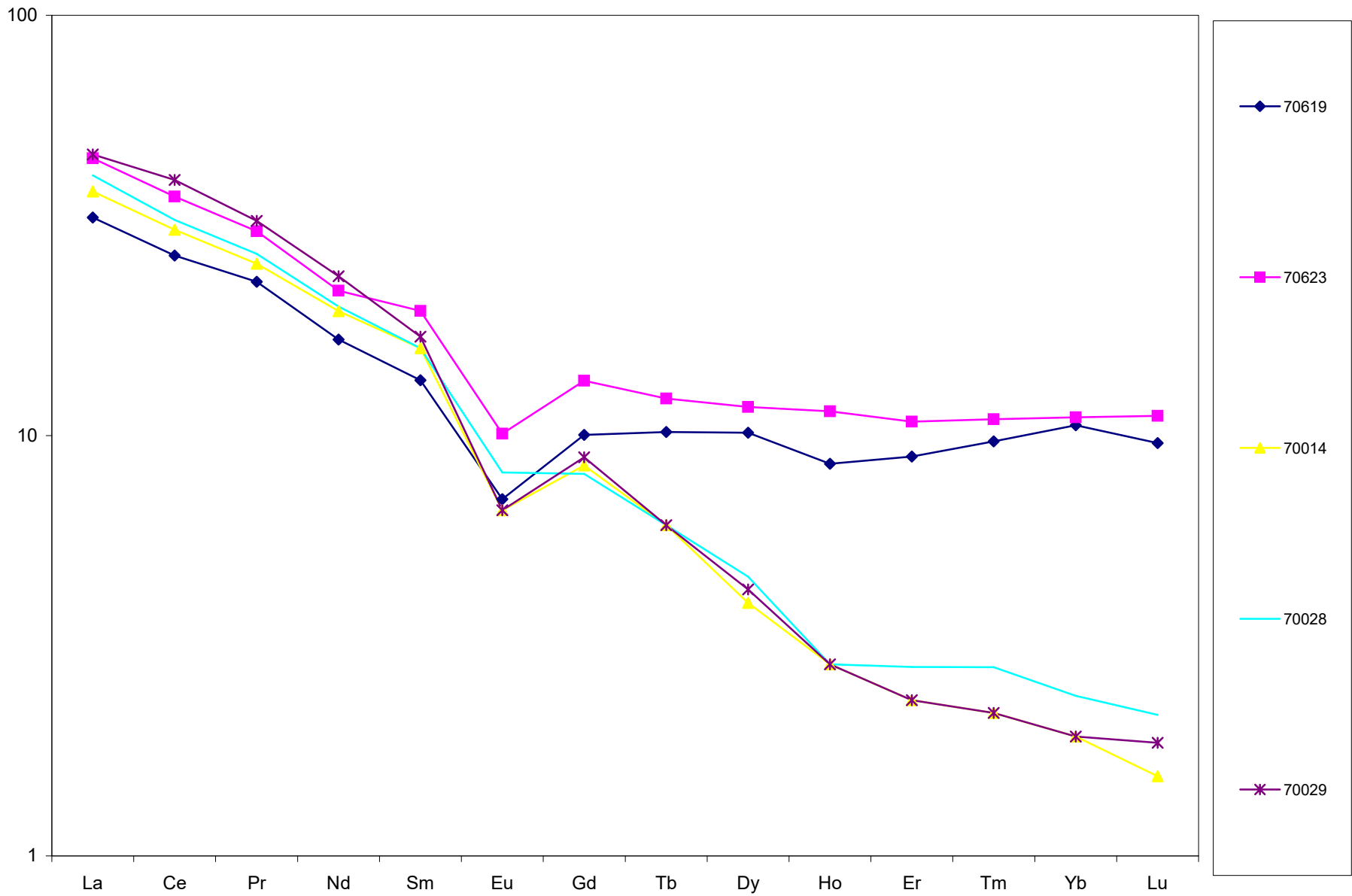
Analyte Symbol	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	20	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1
Method Code	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS
Meas																							
OREAS 139 (Peroxide Fusion) Cert																							
OREAS 624 (Peroxide Fusion) Meas																							
OREAS 624 (Peroxide Fusion) Cert																							
OREAS 624 (Peroxide Fusion) Meas																							
OREAS 624 (Peroxide Fusion) Cert																							
OREAS 124 (Peroxide Fusion) Meas																							
OREAS 124 (Peroxide Fusion) Cert																							
AMIS 0346 (Peroxide Fusion) Meas																							
AMIS 0346 (Peroxide Fusion) Cert																							
NCS DC73520 Meas																							
NCS DC73520 Cert																							
OREAS 148 (Peroxide Fusion) Meas																							
OREAS 148 (Peroxide Fusion) Cert																							
70616 Orig																							
70616 Dup																							
70626 Orig																							
70626 Dup																							
70636 Orig																							
70636 Dup																							
70015 Orig																							
70015 Dup																							
70018 Orig																							
70018 Dup																							
70023 Orig																							
70023 Dup																							
70024 Orig																							
70024 Dup																							
70034 Orig																							
70034 Dup																							
70037 Orig																							
70037 Dup																							

Analyte Symbol	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	20	1	20	10	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1
Method Code	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-ICP	FUS-MS	FUS-MS
Method Blank	< 5	< 20	< 1	< 20	< 10	< 30	< 1	< 1	< 5	< 2	< 2	< 2	< 4	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 3	< 0.4	< 0.1
Method Blank	< 5										< 2	< 2	< 4								< 3		
Method Blank	< 5										< 2	< 2	< 4									< 3	
Method Blank																							
Method Blank																							
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Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																				
NIST 694 Cert																				
DNC-1 Meas																				
DNC-1 Cert																				
PTM-1a Meas																				
PTM-1a Cert																				
NIST 696 Meas																				
NIST 696 Cert																				
DTS-2b Meas																				
DTS-2b Cert																				
SY-4 Meas																				
SY-4 Cert																				
Oreas 74a (Fusion) Meas																				
Oreas 74a (Fusion) Cert																				
BIR-1a Meas	1.8		2.4	1.1	0.52	1.8		2.6				1.6		0.6					< 5	
BIR-1a Cert	1.9		2.5	1.1	0.55	2.0		4				1.7		0.60					3	
ZW-C Meas	100	9.50	25.1	6.8		4.7									83.4	325	34.6			20.3
ZW-C Cert	97	9.5	25.0	6.6		4.70									82	320	34			20.0
MP-1b Meas																				
MP-1b Cert																				
OREAS 101a (Fusion) Meas																				
OREAS 101a (Fusion) Cert																				
OREAS 101a (Fusion) Meas																				
OREAS 101a (Fusion) Cert																				
OREAS 101b (Fusion) Meas	1360	130	393	50.0	7.96		5.2	31.9	6.4	18.6	2.72	17.7	2.63						35.7	391
OREAS 101b (Fusion) Cert	1331	127	378	48	7.77		5.37	32.1	6.34	18.7	2.66	17.6	2.58						37.1	396
NCS DC86318 Meas	428	735	3330	1700	19.2	2150	495	3150	597	1730	271	1830	261						66.3	
NCS DC86318 Cert	432	737	3429	1725	18.91	2168	468	3224	560	1750	271	1844	264						67.0	
SARM 3 Meas																				
SARM 3 Cert																				
USZ 25-2006 Meas	29300	2650	8060	859	201							55.2							1010	
USZ 25-2006 Cert	29000	2800	8800	900	211.00							54.5							1100	
NCS DC86315 Meas																				
NCS DC86315 Cert																				
NCS DC86314 Meas																				
NCS DC86314 Cert																				
USZ 42-2006 Meas	28800	2360	6420	523	87.0			53.0	8.0			19.0						1530	957	
USZ 42-2006 Cert	27600	2300	6500	539	87.22			57.63	7.86			17.85						1600	946	

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
CZN-4 Meas																				
CZN-4 Cert																				
Lithium Tetraborate FX-LT 100 lot#220610B Meas																				
Lithium Tetraborate FX-LT 100 lot#220610B Cert																				
REE-1 Meas	3890	434	1470	391	24.0	406	112	891	213	715	111	713		488					744	146
REE-1 Cert	3960	435	1456	381	23.5	433	106	847	208	701	106	678		479					719	137
OREAS 922 (Peroxide Fusion) Meas																				
OREAS 922 (Peroxide Fusion) Cert																				
OREAS 621 (Peroxide Fusion) Meas																				
OREAS 621 (Peroxide Fusion) Cert																				
CCU-1e Meas																				
CCU-1e Cert																				
OREAS 229b (Fire Assay) Meas																				
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Oreas 237 (Fire Assay) Meas																				
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OREAS 228b (Fire Assay) Cert																				
OREAS 228b (Fire Assay) Meas																				
OREAS 228b (Fire Assay) Cert																				
OREAS 139 (Peroxide Fusion)																				

Analyte Symbol	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
Meas																				
OREAS 139 (Peroxide Fusion) Cert																				
OREAS 624 (Peroxide Fusion) Meas																				
OREAS 624 (Peroxide Fusion) Cert																				
OREAS 624 (Peroxide Fusion) Meas																				
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OREAS 124 (Peroxide Fusion) Meas																				
OREAS 124 (Peroxide Fusion) Cert																				
AMIS 0346 (Peroxide Fusion) Meas																				
AMIS 0346 (Peroxide Fusion) Cert																				
NCS DC73520 Meas																				
NCS DC73520 Cert																				
OREAS 148 (Peroxide Fusion) Meas																				
OREAS 148 (Peroxide Fusion) Cert																				
70616 Orig																				
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70023 Dup																				
70024 Orig																				
70024 Dup																				
70034 Orig																				
70034 Dup																				
70037 Orig																				
70037 Dup																				



Kitchiming West

1.68 g/t

70611

A photograph of a rock sample, likely a mineral specimen, showing a dark, crystalline structure with some reddish-brown matrix. The rock is surrounded by dry, brown leaves and twigs. A white label is placed on the rock, and a white box in the bottom right corner contains the sample ID and weight.

70615

70615
2.29 g/t



70616 8.92 g/t

Mineral Services
www.ca.sgs.com
00070616
Project Name: _____



70632 13.0 g/t

70632
13.0 g/t
VG, Bi-Te



North of 70632



North of 70632



70633 3.58 g/t

70633

70633



70633 3.58 g/t

South Shear
280-75N



South Shear



Kitchiming East Rhyolite



Kitchiming East Rhyolite





Kitchiming East Rhyolite



Kitchiming East Rhyolite
raised oxide-sulfide ??

Beyer Zavitz Township Property 2021 Trenching Program Daily Log and Cost Table

Date	Task	Excavating Hours	Excavating Cost	ATV Cost	Water Pump Cost	Location	Personnel	Observations	Personnel Cost	Mileage (km)	Mileage Cost	Mobe/Demobe Cost	Assay Cost	Report Cost	Total	Claim 149211	Claim 167874
13-Jun-21	Mobe			150								600			750	750	
28-Jun-21	Excavating/Washing	10	1,600	150	100	Kitchiming West	BB, BBS, AB, RS	E-W shear zone, hematite alteration, south part of trench	1,600	320	160				3,610	3610	
29-Jun-21	Excavating/Washing	10.5	1,680	150	100	Kitchiming West	BB, BBS, AB, RS, SM	E-W shear zone, 1m, hematite alteration continues, discontinuous E-W quartz veining, south part of trench	2,000	320	160				4,090	4090	
30-Jun-21	Washing			150	100	Kitchiming West	BB, BBS, AB	felsic dike uncovered, NW part of trench	1,000	160	80				1,330	1330	
2-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB	felsic dike extended, quartz veining within dike, strong hematite alteration, NW part of trench	1,000	160	80				1,330	1330	
3-Jul-21	Excavating/Washing	10	1,600	150	100	Kitchiming West	BB, BBS, AB, SM	felsic body uncovered, NW part of trench	1,400	320	160				3,410	3410	
4-Jul-21	Excavating/Washing	9.5	1,520	150	100	Kitchiming West	BB, BBS, AB, RS, SM	pillowed volcanics uncovered, trench central	2,000	320	160				3,930	3930	
5-Jul-21	Excavating/Washing	7	1,120	150	100	Kitchiming West	BB, BBS, AB	felsic volcanic uncovered, trench central	1,000	160	80				2,450	2450	
7-Jul-21	Excavating/Washing	8	1,280	150	100	Kitchiming West	BB, BBS, AB	second felsic dike uncovered, trench central	1,000	160	80				2,610	2610	
10-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB, RS	blocky E-W trending shear zone, trench central	1,600	320	160				2,010	2010	
11-Jul-21	Excavating/Washing	11.5	1,840	150	100	Kitchiming West	BB, BBS, AB, RS, SM	moderate dipping quartz vein trending 350-50 (NW), trench central	2,000	320	160				4,250	4250	
12-Jul-21	Excavating/Washing	9	1,440	150	100	Kitchiming West	BB, BBS, AB, SM	E-W trending quartz vein, trench central	1,400	320	160				3,250	3250	
15-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB	visible gold in 350-50 quartz vein, 5cm wide	1,000	160	80				1,330	1330	
17-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB, RS	felsic mafic volcanic contact offset, trench central	1,600	320	160				2,010	2010	
18-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB, RS	350 trending quartz veins, trench central	1,600	320	160				2,010	2010	
19-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB	variolitic pillow volcanics, trench north	1,000	160	80				1,330	1330	
21-Jul-21	Excavating/Washing	8	1,280	150	100	Kitchiming West	SM	flat quartz vein 5cm, trench north	400	160	80				2,010	2010	
22-Jul-21	Washing			150	100	Kitchiming West	BB, BBS, AB	felsic intrusive, trench north, abutting pillowed volcanics, flat quartz vein at contact	1,000	160	80				1,330	1330	
24-Jul-21	Excavating/Washing/Mapping/sampling	11	1,760	150	100	Kitchiming West	BB, BBS, AB, RS	felsic altered dike turns SW at NW central part of trench	1,600	320	160				3,770	3770	
25-Jul-21	Excavating/Washing/Mapping/sampling	10	1,600	150	100	Kitchiming West	BB, BBS, AB, RS	altered volcanics south of altered felsic dike, trench west-central	1,600	320	160				3,610	3610	
26-Jul-21	Washing			150	100	Kitchiming East	BB, BBS, AB	mafic volcanics uncovered, trench west	1,000	160	80				1,330		1330
27-Jul-21	Excavating	10	1,600	150		Kitchiming East	BB, BBS, AB	mafic volcanics followed west, trench west	1,000	160	80				2,830		2830
28-Jul-21	Washing			150	100	Kitchiming East	BB, BBS, AB	felsic volcanics uncovered with NE trending contact with mafics	1,000	160	80				1,330		1330
30-Jul-21	Excavating/Washing	9	1,440	150	100	Kitchiming East	BB, BBS, AB, RS	intermediate-mafic dike uncovered, trench west-central	1,600	320	160				3,450		3450
31-Jul-21	Washing			150	100	Kitchiming East	BB, BBS, AB, RS	E-W trending quartz vein, trench NW	1,600	320	160				2,010		2010
1-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB, RS	NE trending 2cm quartz veining within felsic volcanics and along felsic mafic contact, central trench	1,600	320	160				2,010		2010
2-Aug-21	Excavating/Washing	10	1,600	150	100	Kitchiming East	BB, BBS, AB, SM	historic 13 g/g gold sample exposed at north-central part of trench and is a discontinuous vein within mafic volcanics	1,400	320	160				3,410		3410
3-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB, RS	focus on oxidized sulfide associated with felsic volcanic unit, trench central	1,600	320	160				2,010		2010
6-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB, RS	additional sequence of mafic-felsic volcanic flows, trench central	1,600	320	160				2,010		2010
7-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB	deep overburden at NE part of trench, felsic volcanics with rare NE trending narrow quartz veins	1,000	160	80				1,330		1330

8-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB	south part of trench washed exposing continued felsic-mafic volcanic contact	1,000	160	80				1,330	1330	
9-Aug-21	Washing			150	100	Kitchiming East	BB, BBS, AB	SW part of trench exposed quartz vein following mafic-felsic volcanic contact	1,000	160	80				1,330	1330	
11-Aug-21	Washing/Demobe			150	100	Kitchiming East	BB, BBS, AB	east end of trench washed, mafic volcanic flow rock, no quartz veining	1,000	160	80	600			1,930	1930	
17-Aug-21	Mapping/sampling			150		Kitchiming East	BB, AB, RS, SM	mapping west half (R. Salo) of trench, samples 70012-70024 taken	1,400	320	160				1,710	1710	
6-Sep-21	Mapping/sampling			150		Kitchiming East	BB, AB, RS, SM	mapping east half (R. Salo) of trench, samples 70025-70038 taken	1,400	320	160				1,710	1710	
12-Sep-21	Mapping/sampling			150		Kitchiming West	BB, AB, RS, SM	mapping of trench (R. Salo) and samples 706.7-706-41, 70001-70011, and 70039-70041 taken	1,400	320	160				1,710	1710	
25-Oct-21	Report												600	600	300	300	
26-Oct-21	Report												600	600	300	300	
21-Nov-21	Assaying											2260.5	2,261	1279	982		
20-Nov-21	Report												600	600	300	300	
21-Nov-21	Report												600	600	300	300	
27-Nov-21	Report												600	600	300	300	
28-Nov-21	Report												600	600	300	300	
133.5				21,360	5,400	3,100			46,400	4,400	1,200	2,261	3,600	87,721	55,209	32,512	87,721

76 samples total

Personnel Daily Rate	
Brian Beyer Jr (BB)	400
Brian Beyer Sr (BBS)	300
Austin Beyer (AB)	300
Shelly Moretti (SM)	400
Randall Salo (RS)	600

Equipment Rental	
Excavator CAT 322L	160/hr including operator (30/hr)
ATV Ranger Side-by-Side	150/day
Water Pumps and Hoses	100/day
Truck Mileage	0.50/km