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**REPORT OF PROSPECTING AND TRENCHING
MCLEOD AU-CU PROPERTY
THOMAS TOWNSHIP
PORCUPINE MINING DIVISION
ONTARIO, CANADA**



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Trench

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Summary

The McLeod gold-copper property is underlain by mafic and ultramafic metavolcanic rocks of the Tisdale assemblage that are intruded by dikes and sills of feldspar porphyry in the western part of the property. A >300 metre-wide northeast trending diabase dike of the Abitibi swarm transects the property and ODM Map 2222 displays a related east-west striking diabase dike unit intruding volcanic and felsic intrusive units, and in close spatial association with an anticlinal structure, both of which originate at the intersection of a north-northwest striking fault and the larger diabase unit. Northeast striking weak to moderate shear zones up to ten metres in width hosting white to semi-clear quartz veining and weak to moderate fracture-controlled iron carbonate alteration were recognized from the 2022 trenching program. Three distinct quartz vein generations occur within the felsic intrusive units; 090, 060-070, and 125-degree trending. Pyrite and lesser chalcopyrite mineralization ubiquitously occurs throughout the felsic intrusives associated with quartz veining and economic gold values up to 100 g/t Au have been derived from the 060-degree striking weak to moderate shear zones both within and along the contacts of felsic porphyry units. Hydrothermal magnetite occurs as veinlets and brecciated fragments within 060-070 and 125 degree trending quartz vein zones and appears to have a direct relationship with elevated gold values.

Location and Access

The McLeod Au-Cu property resides in the northwest part of Thomas township approximately 30km east of Timmins, Ontario and 10km south of Newmont's Nighthawk Mine. The property is comprised of 38 contiguous claim cells or approximately 800 hectares in area. Access to the property is via Stringer's Road south from South Porcupine and east along the Carman Road to the Whitefish River where a tertiary lumber road following the west side of the river leads to the property. An ATV off-road vehicle is required for the final 8 km's.

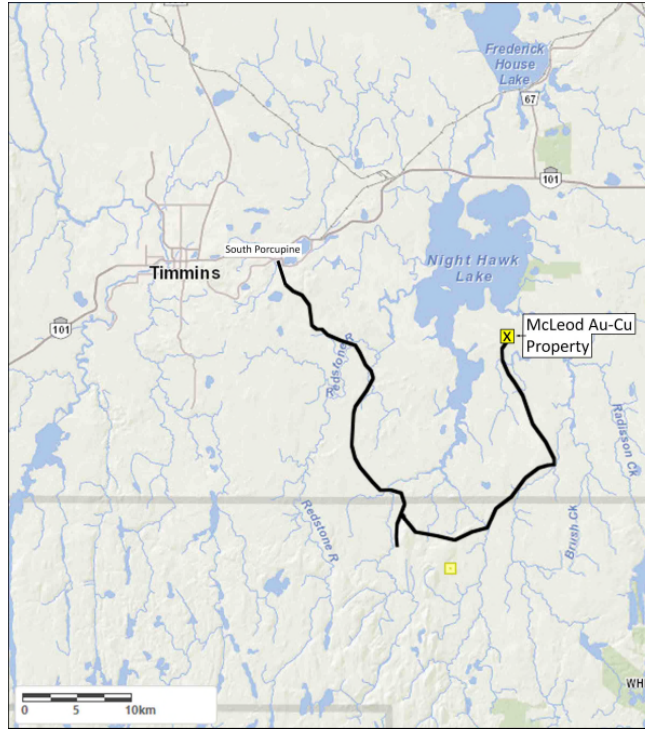


Figure 1: Location Map

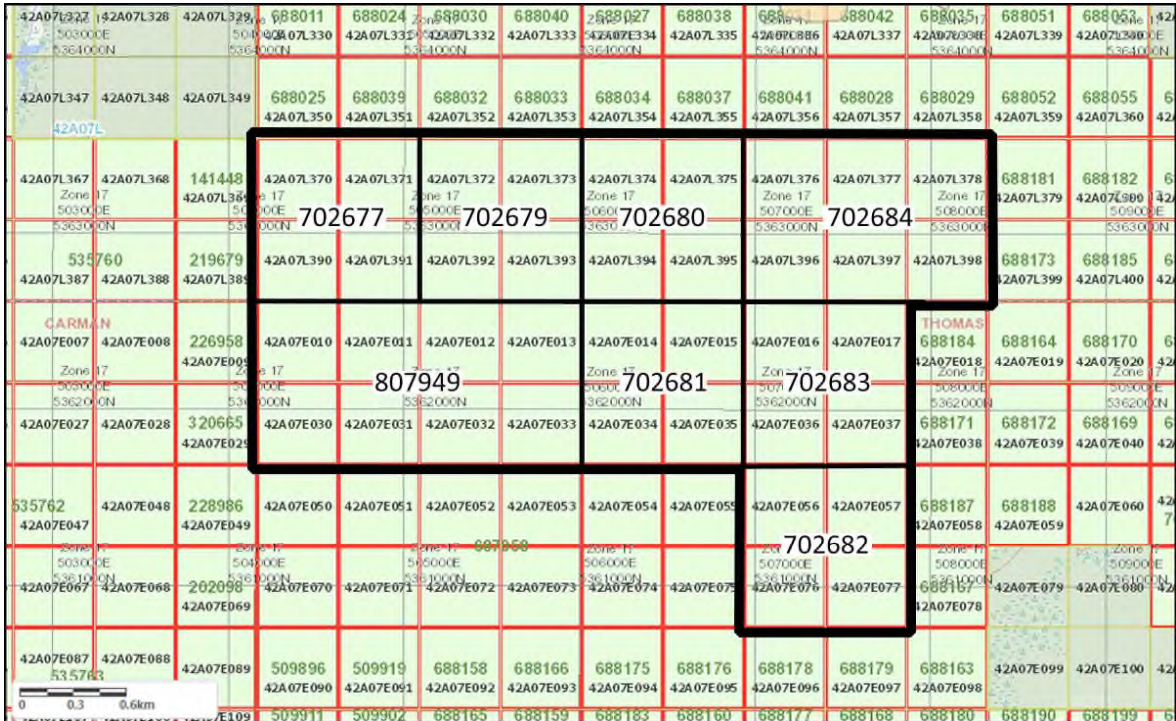


Figure 2: Property Claim Map

Property History

In 1937 Muir Porcupine Mines Limited carried out geological mapping over the western part of the property and sunk a thirty-foot deep shaft immediately south of the property. Muir identified a northwest trending 10 foot-wide quartz vein where the shaft was sunk and trace values of gold and minor galena were reported from the effort (ODM ARV49).

In 1980, Mattagami carried out outcrop mapping and sampling over the west part of the property. The highest gold value was taken from a volcanic sample adjacent to a quartz vein with large pyrite cubes which assayed 0.05 oz./ton Au. The highest silver sample reported from the sampling was 0.76 oz./ton Ag (Cooper, 1980).

In 1998, Pacific Van Gold Mines Limited carried out linecutting, magnetometer, horizontal loop electromagnetic (max-min), and induced polarization surveys that included a minor part of the eastern extent of the property. A weak to moderate northeast trending fault structure was identified with an associated elevated magnetic response and weak resistivity high-chargeability high character at depth. This anomaly lies immediately south of a large northeast striking diabase dike (Patrie, 1998).

Property Geology

The property is host to Lower Tisdale assemblage rocks dominated by massive ultramafic and mafic flow rocks with mafic pillowed rocks common in the northern part of the property. The volcanic stratigraphy is intruded by fine to medium-grained feldspar porphyry dikes and sills, fine-grained narrow cross-cutting aplite dikes and later diabase that cuts all lithologies, notably a >300 metre-wide diabase dike of the Abitibi swarm striking 060 degrees at the southern extent of the property (Cooper, 1980).

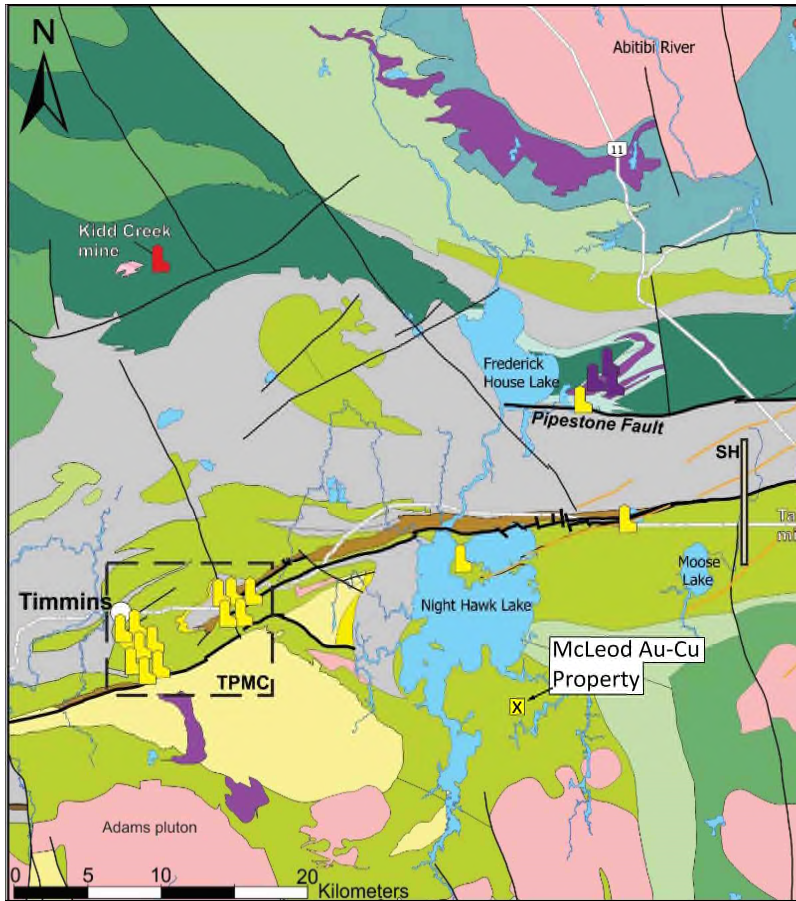


Figure 3: Regional Geology : modified from Haugaard, 2021

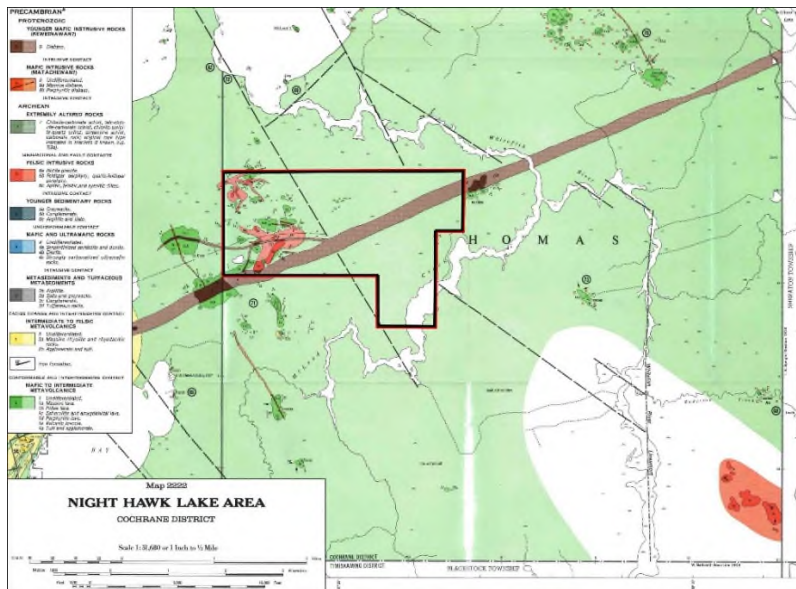


Figure 4: Property Geology

The prominent structural features in the area are the east-west trending Destor-Porcupine Fault Zone situated 10km to the north of the property, and the Shaw Dome described as uplifted/tilted Deloro assemblage rocks overlain and flanked by Tisdale assemblage komatiitic flow rocks. The property lies on the northeast extent of the Shaw Dome. Additionally, an east-west trending anticline is inferred from ODM Map 2222 in the south-central part of the claim group. The >300 metre-wide 060-degree striking diabase dike immediately south of the target area also speaks to a major structural element on the property.

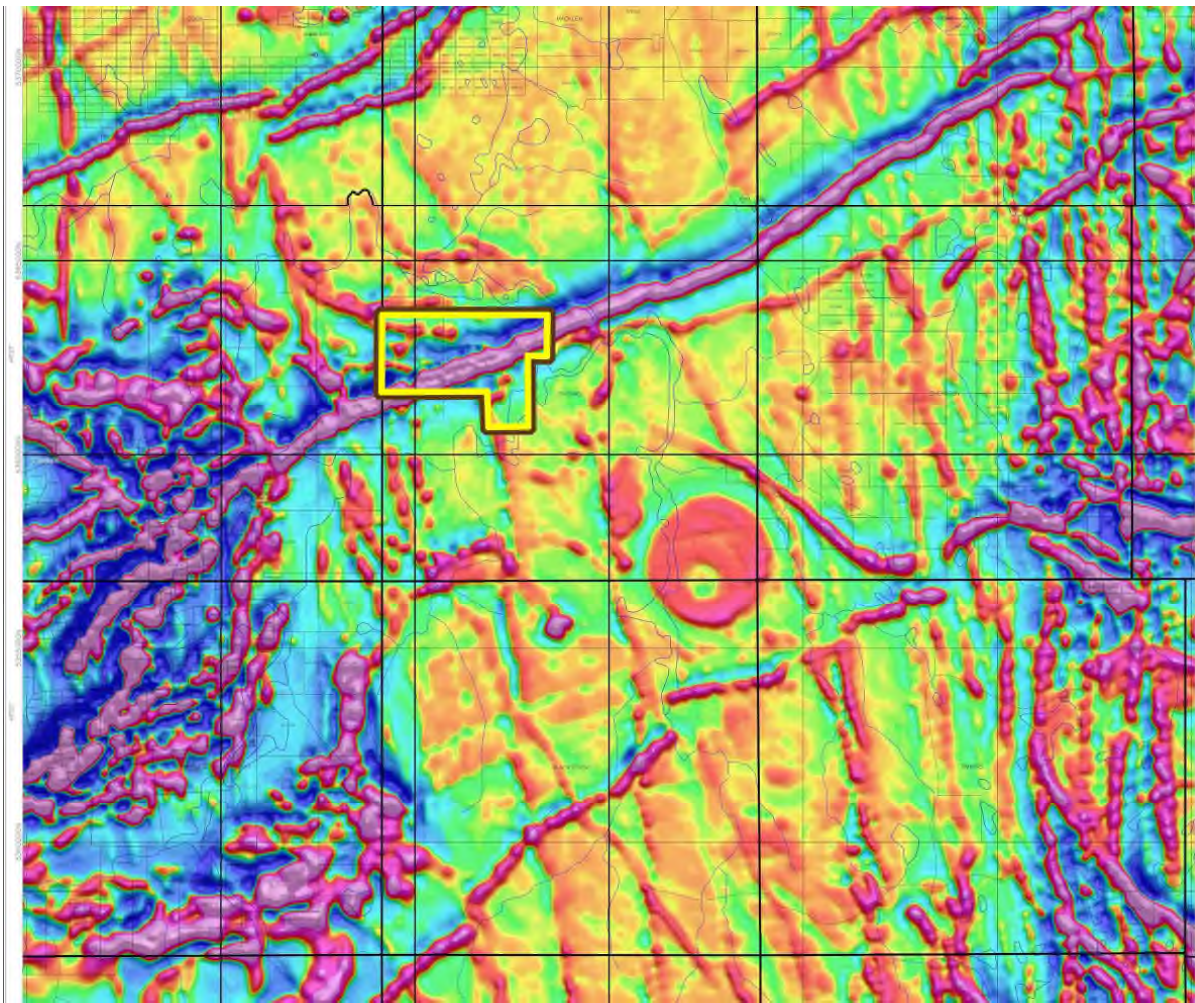


Figure 5: Regional Airborne Magnetics (1VD)

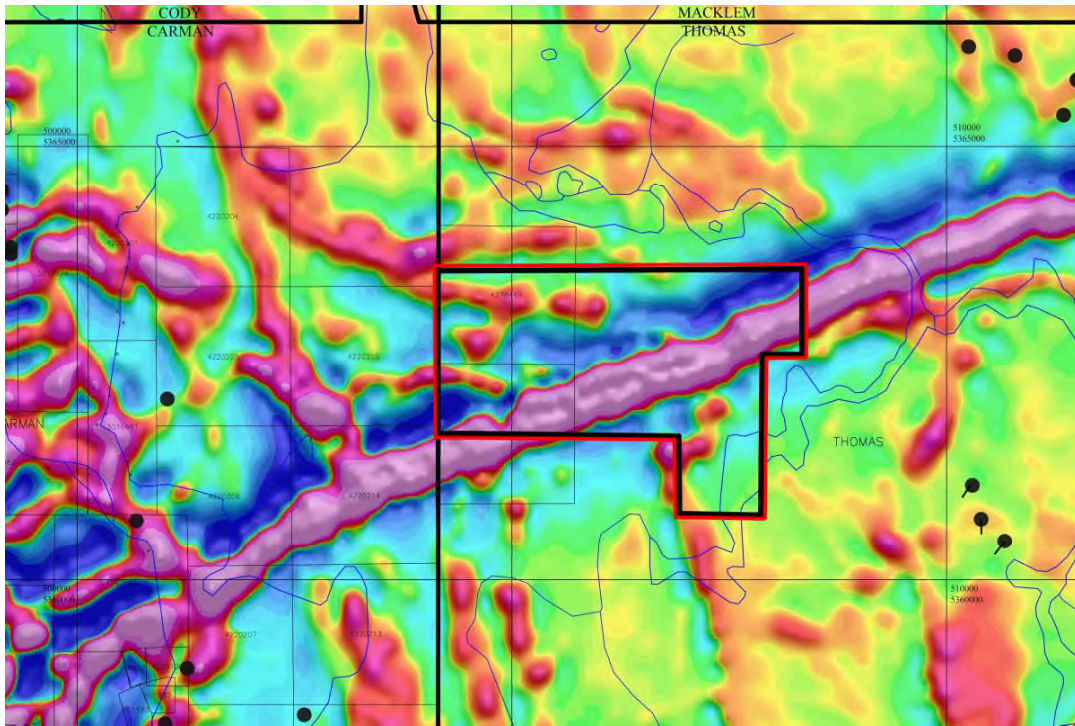


Figure 6: Property Airborne Magnetics (1VD)

Two notable geophysical anomalies are coincident with the McLeod property; gravity and radiometric.

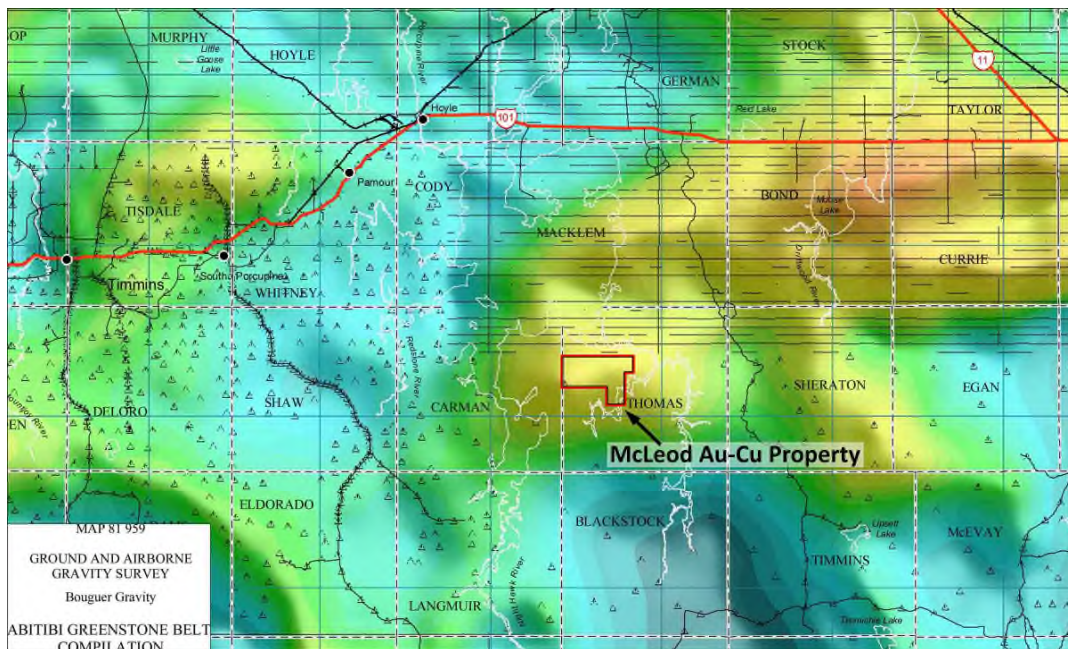


Figure 7: Bouguer Gravity Map (Map 81 959)

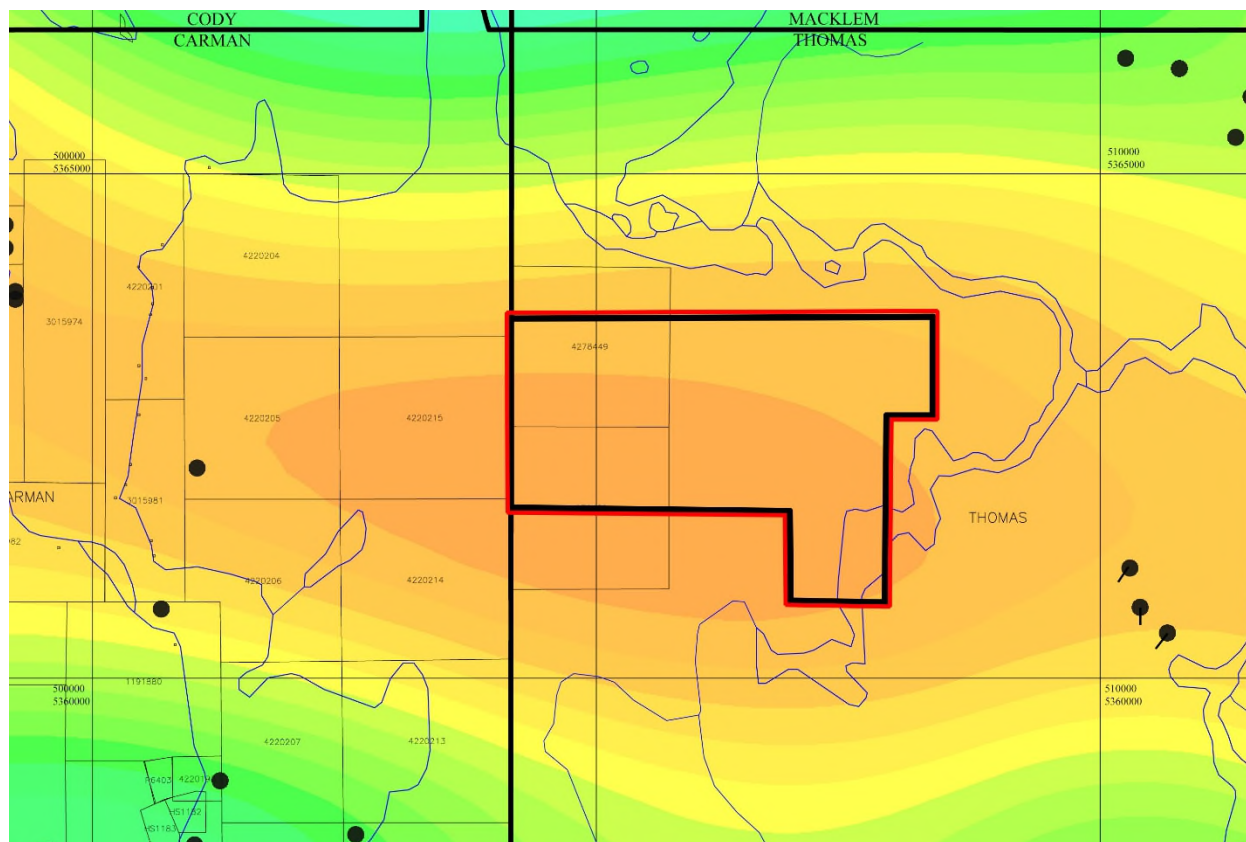


Figure 8: Radiometric Map (OGS)

2022 Prospecting/Trenching Program

Prospecting on the property occurred between May 14th and July 10th, 2022. Over the 18 days of prospecting, 6.2 km's of traversing in total was walked by Brian Beyer Sr., Brian Beyer Jr., Austin Beyer, Natalie Beyer, Shelly Moretti, and Randall Salo in addition to 49 samples having been collected and sent to Activation Laboratories in Timmins and assayed for their gold content by fire assay with an atomic absorption finish and a gravimetric finish for results >10 g/mt Au.

Trenching effort began on June 17th, 2022 in the southwest corner of the property on claim 807949 and was completed on October 23rd, 2022. A Caterpillar 322L excavator owned by Randall Salo, an interest holder in the property, was used for trenching and was floated to and from the site by Robert Rubino Trucking Ltd. The

excavator was operated by Gerald Magnan and Randall Salo for a total of 144 hours. A Honda WN20 pressure water pump and 1.5 inch fire hose was employed for washing rock as well as shovels and grub hoes to unearth locations that the excavator could not access due to bucket size. Washing and digging efforts were carried out by Brian Beyer Sr., Brian Beyer Jr., Austin Beyer and Natalie Beyer who also maintain a trapping camp proximal to the property on McLeod Creek. Supervision was carried out by Randall Salo, Brian Beyer Jr., and Shelly Moretti. Trench mapping and sample collection was carried out by Randall Salo and Brian Beyer Jr.. In total, 114 grab rock samples were collected from the trenches which exposed a total of 3,300 m² of subcrop. All samples were sent to Activation Laboratories in Timmins and assayed for their gold content by fire assay with an atomic absorption finish and a gravimetric finish for results >10 g/mt Au. 19 samples were additionally assayed for multi-element by aqua-regia ICPMS method.

2022 Prospecting/Trenching Program Results

The 2022 stripping program focused in the southwestern portion of the property where feldspar porphyry intrusive rocks are common. They occur as medium-grained north-northwest striking subvertical dikes/bodies intruding massive fine-grained ultramafic flow rocks displaying occasional coarse-grained pyroxenitic textures. The dikes occur as parallel successions 20-30m apart in the main trenching area (Trenches 1-3 and East Trench) and as a more extensive intrusive body 600m to the west in the West Trench area.

Quartz veining is ubiquitous over several hundreds of metres dominated by 090-degree, 060-degree, 125-degree striking vein sets over a >600m x 200m east-west trending area immediately north of the large diabase dike that cuts through the southern part of the property.

East-west (090) striking subvertical quartz veins are wide up to 50cm and milky white in color with strong iron-carbonate alteration and only minor associated pyrite.

Sub-vertical to moderately south dipping 125-degree striking quartz veins are up to 30cm wide with a white to greyish color, strongly chloritic contacts and up to 10% pyrite as wall-rock disseminations, coarse veinlets and aggregates within both the quartz veins and the hosting porphyry.

060-070 degree striking quartz veining dips steeply to the south and is hosted within moderate to strongly developed shear zones up to eight metres-wide within the feldspar porphyry units. They are milky white in color with strong associated hematite/potassic alteration, chlorite fracture filling, rare epidote, occasional clay minerals and clear euhedral quartz grains likely filling vugs.

060- and 125-degree quartz veins are observed to cross-cut one another supporting a contemporaneous spatial history (Leahy, 1971). East-west trending larger quartz veins cross-cut both 060- and 125-degree striking quartz veins.

Pyrite mineralization is widespread over hundreds of metres associated with 060- and 125-degree striking quartz veining generally within the porphyry units. Pyrite mineralization up to 10% is common as wall-rock disseminations, coarse veinlets and aggregates generally associated with quartz veining. The 060-degree quartz veining where hosted by weak to strong shear zones hosts common magnetite and specular hematite as discontinuous veinlets and patches and micro-fracture fillings within the hosting porphyry in vein alteration halos. The 125-degree quartz veins also host similar magnetite and hematite mineralization when proximal to or within 060 trending shears. Contacts with the hosting ultramafic volcanics (komatiites) is sharp with minor contact related mineralization within the volcanics.

Widespread copper mineralization including chalcopyrite and lesser bornite, malachite and azurite occur in close association with pyrite and magnetite mineralization. Magnetite veins are observed to host zoned chalcopyrite blebs.

Gold grades up to 100 g/t have been realized associated with the 060-degree striking quartz vein sets and associated shearing within and along the contacts of feldspar porphyry intrusive units with the bulk of results below 1 g/t Au. Anomalous gold mineralization occurs over a 700m distance to date.

No significant mineralization has been derived from the ultramafic volcanic massive flows in which the porphyries intruded. The ultramafics appear to have been deformed in a ductile fashion especially evident where contacting the porphyries. There is an exception to this observation in that in an area 150m northwest of the highest gold grades received, a coarse-grained pyroxenitic ultramafic flow unit is intensely hematite altered with resulting coarse-grained disseminated pyrite cubes for 10m from the porphyry contact. No significant gold values were derived from the limited exposure of this altered unit.

Aqua Regia ICPMS analyses of 9 samples (15383-15391) with gold grades ranging from below detection to 1.14 g/t Au display several elemental associations. A direct relationship between gold (sample 15389: 1.14 g/t Au) and the anomalous elements cobalt (27.2 ppm), copper (420 ppm), bismuth (181 ppm), vanadium (95 ppm), tellurium (8.86 ppm), tungsten (0.9 ppm) and arsenic (1.3 ppm) is evident. In addition to the above elements, Pb (682 ppm), Ag (17.5 ppm), U (3.7 ppm), Th (48.5 ppm) and Mo (48.1 ppm) were the highest resulting values derived from the other eight samples analyzed. Anomalous rare earth element concentrations are as follows for the highest value received from the 9 samples analyzed: La (55.4 ppm), Ce (96.1 ppm), Pr (9.8 ppm) and Nd (35.0 ppm). Strontium results range from 11.3-78.6 ppm and Yttrium from 0.08-14.5 ppm.

Conclusions

The highest gold assay results were derived from moderate to strong shear zones striking 060-degrees and dipping steeply to the south. Gold mineralization at the Nighthawk mine situated 10 km to the north favored 070-degree striking, south dipping (75-85 deg.) quartz veins (Pressacco, 1999).

Mineralization products including pyrite, chalcopyrite, bornite, malachite, azurite, magnetite and hematite occur associated with gold mineralization.

The presence of magnetite displays a marked association with elevated gold values and only occurs associated with 060- and 125-degree striking quartz veining and hosting shear zones. N70E and N55W structures in the Nighthawk Lake area are deemed pre-gold event structures and are possibly contemporaneous (Leahy, 1971).

Copper mineralization is wide-spread, however, the presence of copper minerals is not always associated with elevated gold values.

Alteration products observed include potassic alteration of feldspars in the vicinity of quartz veining, hematite, chlorite, epidote, clay minerals.

Gold values are associated with the presence of cobalt, copper, bismuth, vanadium, tellurium, tungsten and arsenic. The presence of Pb, Ag, U, Th and Mo are displayed in multi-element results.

High-grade gold mineralization is associated with a local moderate magnetic anomaly along with property-scale elevated gravity and radiometric anomalies

Discussion

Results of the 2022 stripping program infer potential for economic mesothermal gold notably supported by 060-070 degree striking and steeply south dipping mineralized quartz veining hosted by 060-degree trending moderate to strong shear zones. The character of the mineralized zones is similar to economic gold-bearing zones mined 10km north at the Nighthawk Mine and elsewhere in the Porcupine gold camp.

The compressional, extensional and south-over-north geological history of the Destor-Porcupine Fault Zone proximally north of the property in conjunction with the uplift/tilting geological history of the Shaw Dome area immediately west of the property indicates a complex and dynamic geological history for the stratigraphy on the McLeod property.

The presence of widespread copper mineralization and hydrothermal magnetite and specular hematite associated with elevated gold grades implies geochemical and geological characteristics similar to economic gold zones at both the McIntyre Mine in Timmins and Agnico Eagle's Upper Beaver deposit (South Contact Zones and Beaver North Zones). Results to date on the McLeod property support the potential for not only shear-hosted Archean economic gold deposition, but, porphyry copper-gold style mineralization or a copper-gold sulfide-rich vein deposit.

Recommendations

A geochemical soil sampling program is recommended for the southwest part of the McLeod property. Soil geochemistry information can aid in defining targets most likely to carry economic gold concentrations as well as other sought after mineral concentrations such as copper that have been identified as a result of the 2022 exploration program. Any soil anomalies should be investigated by prospecting methods and continued trenching efforts where warranted. Finally, prospecting should be carried out north of the 2022 program area as felsic intrusive units have been previously identified in that area along with hosting basaltic mafic volcanic rocks, which together, possess potential for economic discovery similar to that occurring in the Porcupine Gold Camp.

Sincerely,

A handwritten signature in black ink that reads "Randall Salo". The signature is written in a cursive, flowing style.

Randall Salo, P. Geo

March 21, 2022

APPENDIX

References

- Cooper, G.: Preliminary Geological Report on the Thomas Township Gold Property, Mattagami Lake Exploration Ltd., 1980, Resident Geologist File 42A07NW0156.
- Haugaard, R., et al: Crustal-Scale Geology and Fault Geometry Along the Gold-Endowed Matheson Transect of the Abitibi Greenstone Belt, 2021
- Leahy, E. H., 1971: Geology of the Night Hawk Lake area, District of Cochrane; Ontario Dept. of Mines and Northern Affairs, GR96, 74p. Accompanied by Map 2222, scale 1 inch to 1/2 mile.
- Muir Porcupine Mines Limited, 1937: Muir Porcupine Option, Resident Geologist File T-238.
- Patrie, Dan, 1998: Geophysics Report on the Thomas Township Property for Pacific Van Gold Mines Ltd., Timmins Area, Porcupine Mining Division, Ontario, Canada, Resident Geologist File 42A07NW2008.
- ODM AVR49; 1940: Ontario Department of Mines, Forty-Ninth Annual Report, Part 4, pg. 11.
- Pressacco, R., ed. 1999. Special project: Timmins ore deposit descriptions; Ontario Geological Survey, Open File Report 5985, 189p., Economic Geology and Mineralization of the Nighthawk Mine, p130-142.

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.

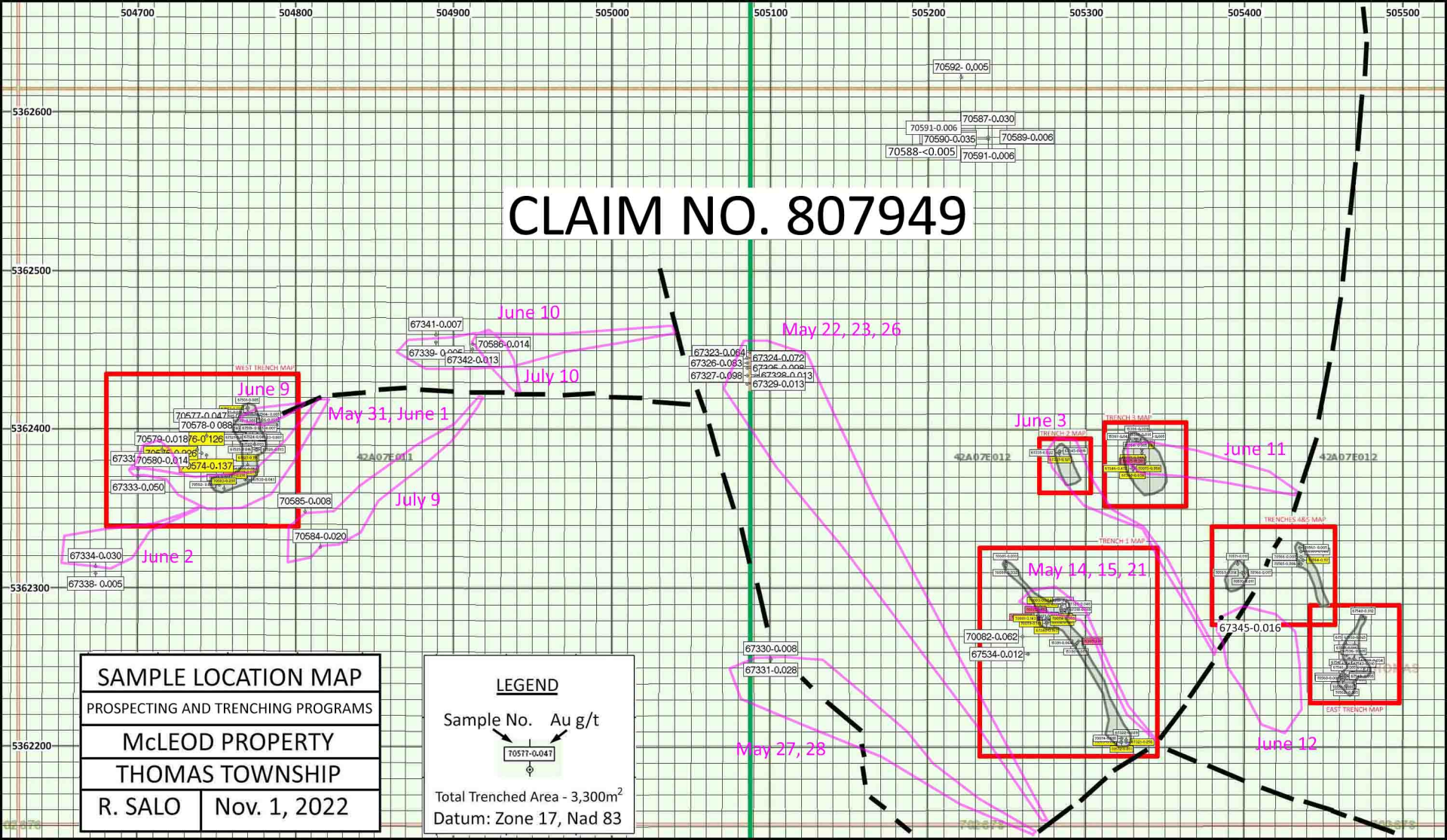
Sincerely disclosed,

A handwritten signature in black ink that reads "Randall W. Salo". The signature is written in a cursive, flowing style.

Randall W. Salo, P. Geo

March 21, 2023

CLAIM NO. 807949



70592-0.005
70587-0.030
70591-0.006
70590-0.035
70589-0.006
70588-<0.005
70591-0.006

67341-0.007 June 10
70586-0.014
67339-0.006
67342-0.013 July 10
67323-0.064
67326-0.083
67327-0.098
67324-0.072
67325-0.008
67328-0.013
67329-0.013

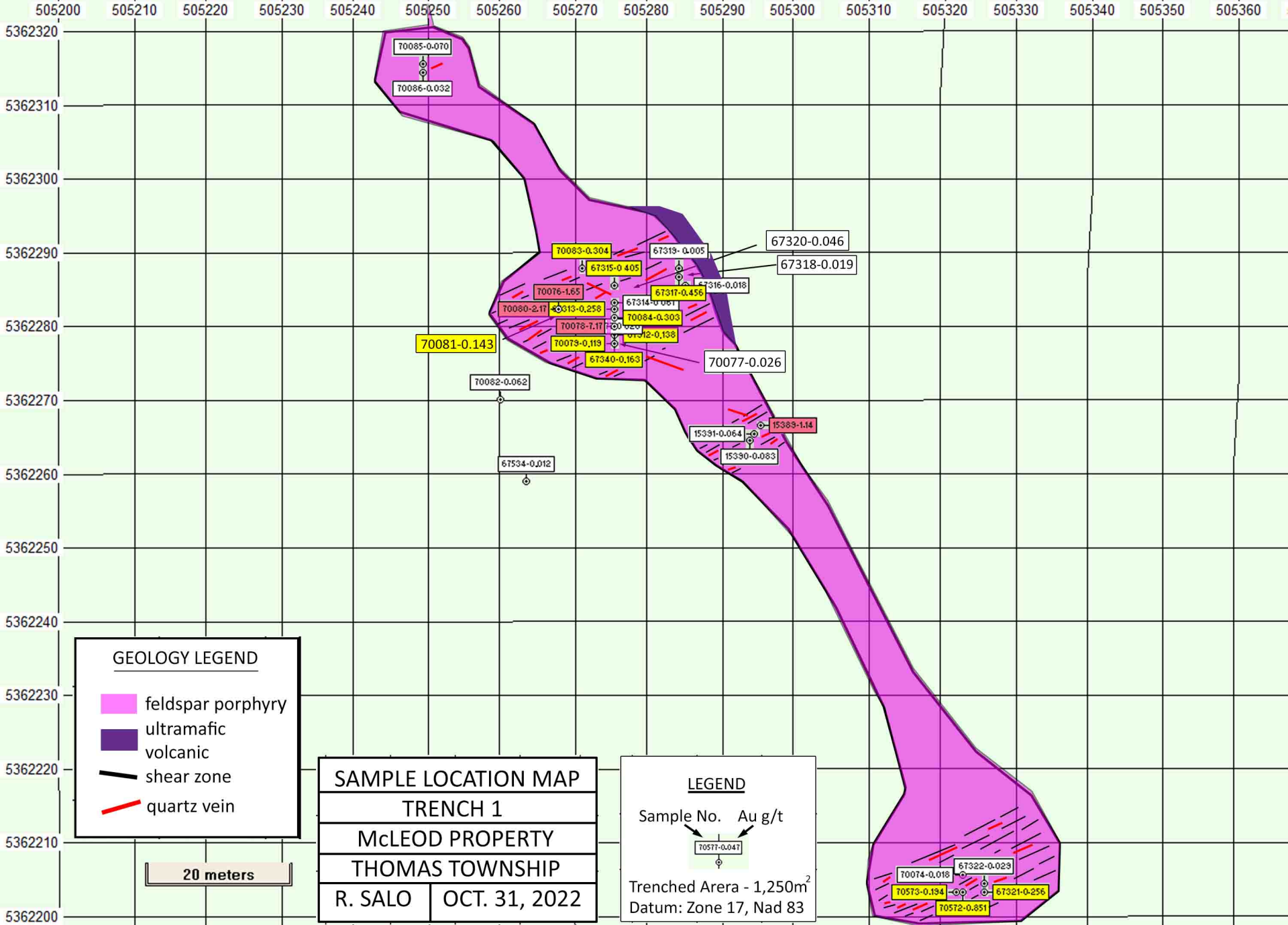
WEST TRENCH MAP
June 9
70577-0.047
70578-0.088
70579-0.018
70580-0.126
67333-0.050
70585-0.008
70584-0.020
70574-0.137
70580-0.014
67334-0.030
67338-0.005

TRENCH 3 MAP
June 3
June 11
TRENCHES ARE MAP
TRENCH 1 MAP
May 14, 15, 21
67345-0.016
June 12

67330-0.008
67331-0.028
May 27, 28
70082-0.062
67534-0.012
EAST TRENCH MAP

SAMPLE LOCATION MAP
PROSPECTING AND TRENCHING PROGRAMS
McLEOD PROPERTY
THOMAS TOWNSHIP
R. SALO | Nov. 1, 2022

LEGEND
Sample No. Au g/t
70577-0.047
Total Trenched Area - 3,300m²
Datum: Zone 17, Nad 83




GEOLOGY LEGEND

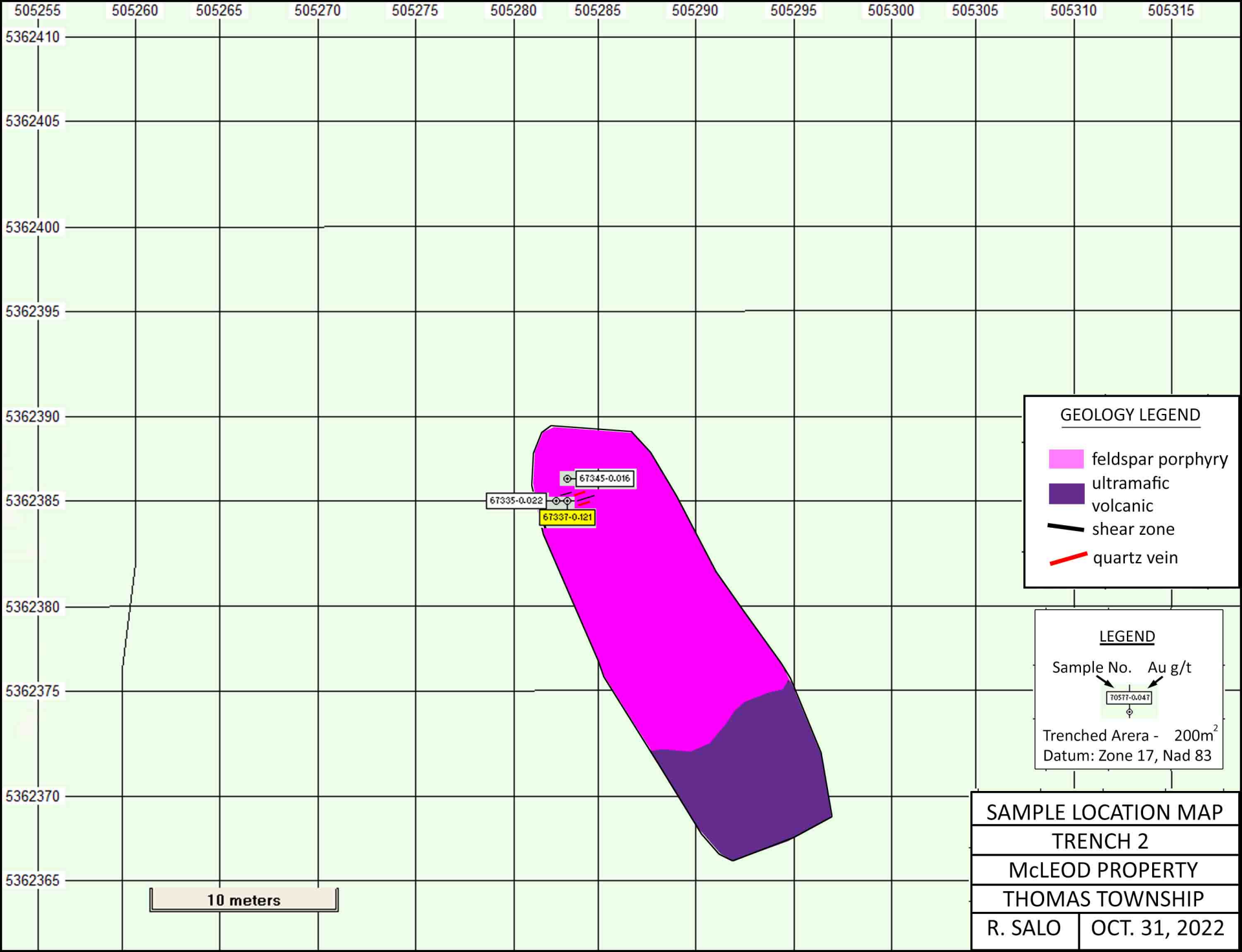
- feldspar porphyry
- ultramafic volcanic
- shear zone
- quartz vein

20 meters

SAMPLE LOCATION MAP
TRENCH 1
McLEOD PROPERTY
THOMAS TOWNSHIP
R. SALO OCT. 31, 2022

LEGEND
 Sample No. Au g/t

 Trenched Arera - 1,250m²
 Datum: Zone 17, Nad 83

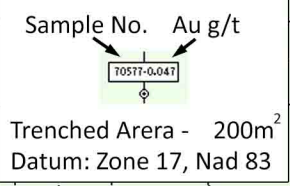
70074-0.018 67322-0.023
 70573-0.194 67321-0.256
 70572-0.851



GEOLOGY LEGEND

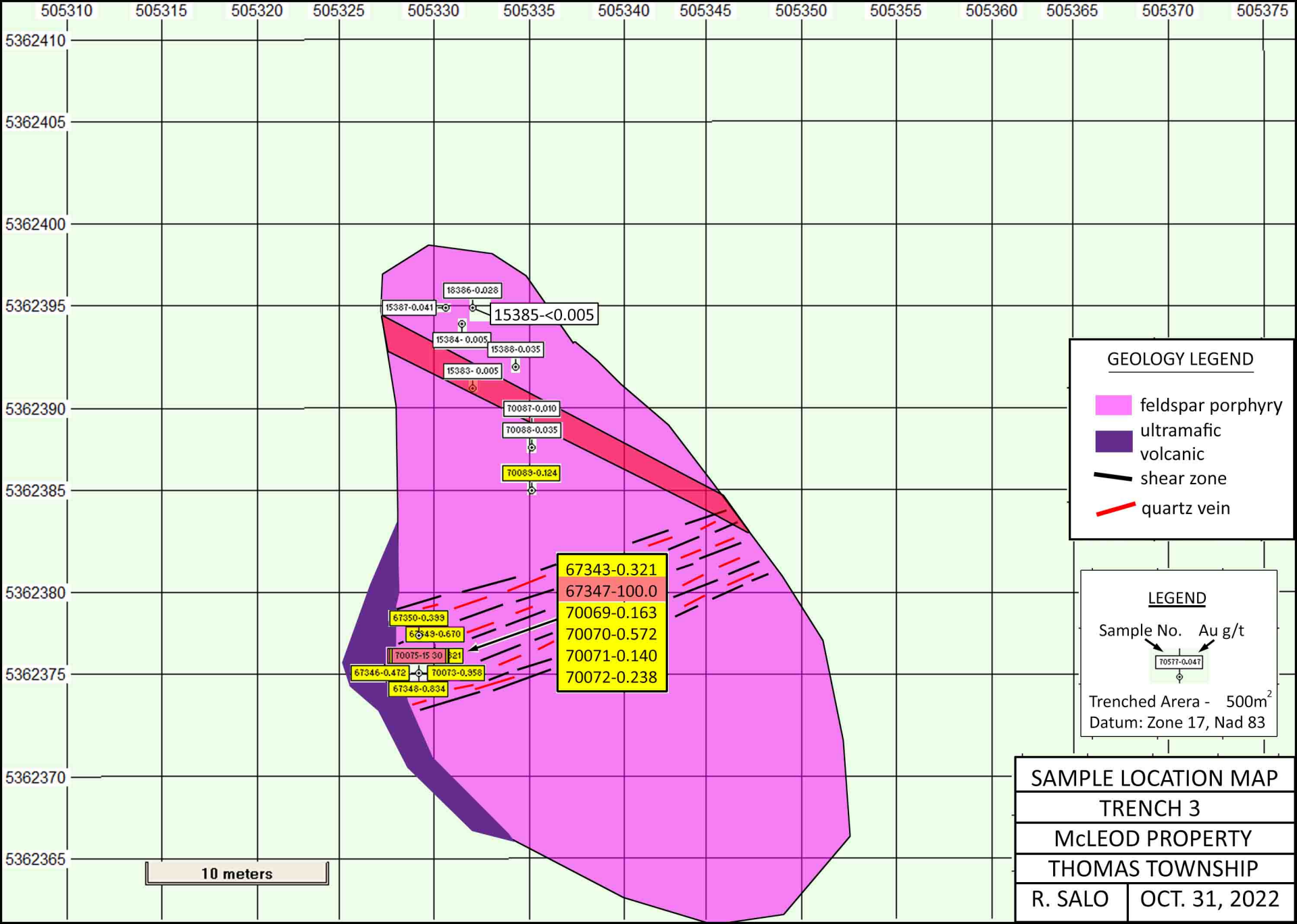
- feldspar porphyry
- ultramafic volcanic
- shear zone
- quartz vein

LEGEND



SAMPLE LOCATION MAP
TRENCH 2
McLEOD PROPERTY
THOMAS TOWNSHIP
R. SALO **OCT. 31, 2022**

10 meters



GEOLOGY LEGEND

- feldspar porphyry
- ultramafic volcanic
- shear zone
- quartz vein

LEGEND

Sample No. Au g/t

70577-0.047

Trenched Arera - 500m²
Datum: Zone 17, Nad 83

67343-0.321
 67347-100.0
 70069-0.163
 70070-0.572
 70071-0.140
 70072-0.238

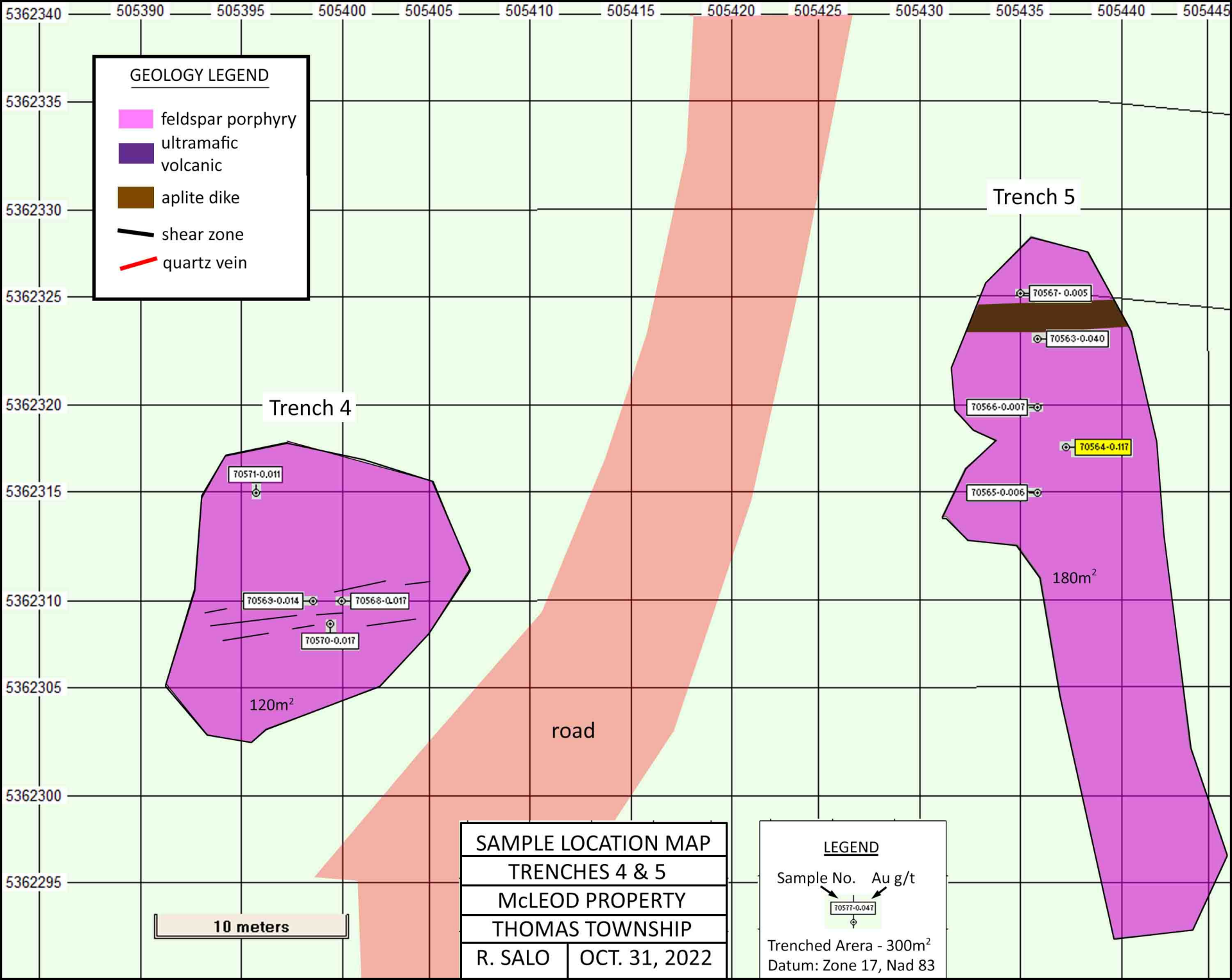
67350-0.393
 67343-0.670
 70075-15.301
 67346-0.472
 70073-0.358
 67348-0.834

15386-0.028
 15387-0.041
 15384-0.005
 15388-0.035
 15383-0.005
 70087-0.010
 70088-0.035
 70089-0.124

15385-<0.005

10 meters

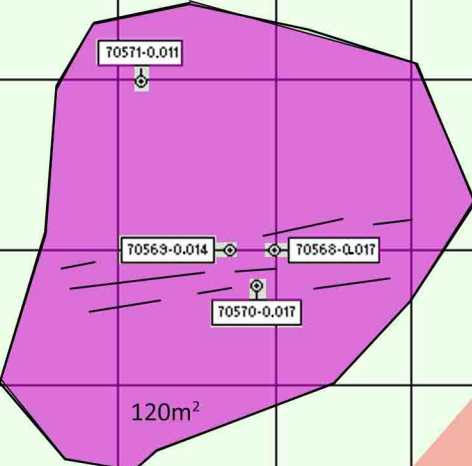
SAMPLE LOCATION MAP
TRENCH 3
MCLEOD PROPERTY
THOMAS TOWNSHIP
 R. SALO | OCT. 31, 2022



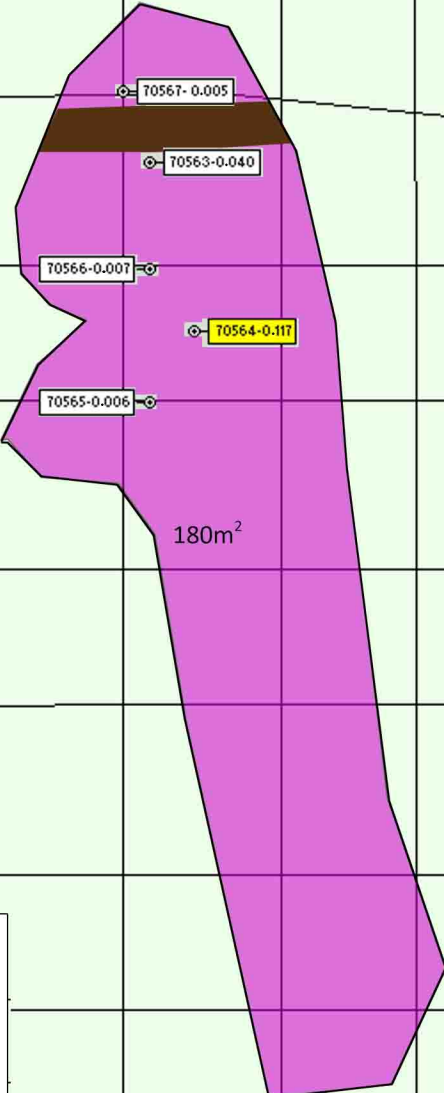
GEOLOGY LEGEND

- feldspar porphyry
- ultramafic volcanic
- aplite dike
- shear zone
- quartz vein

Trench 4



Trench 5



road

10 meters

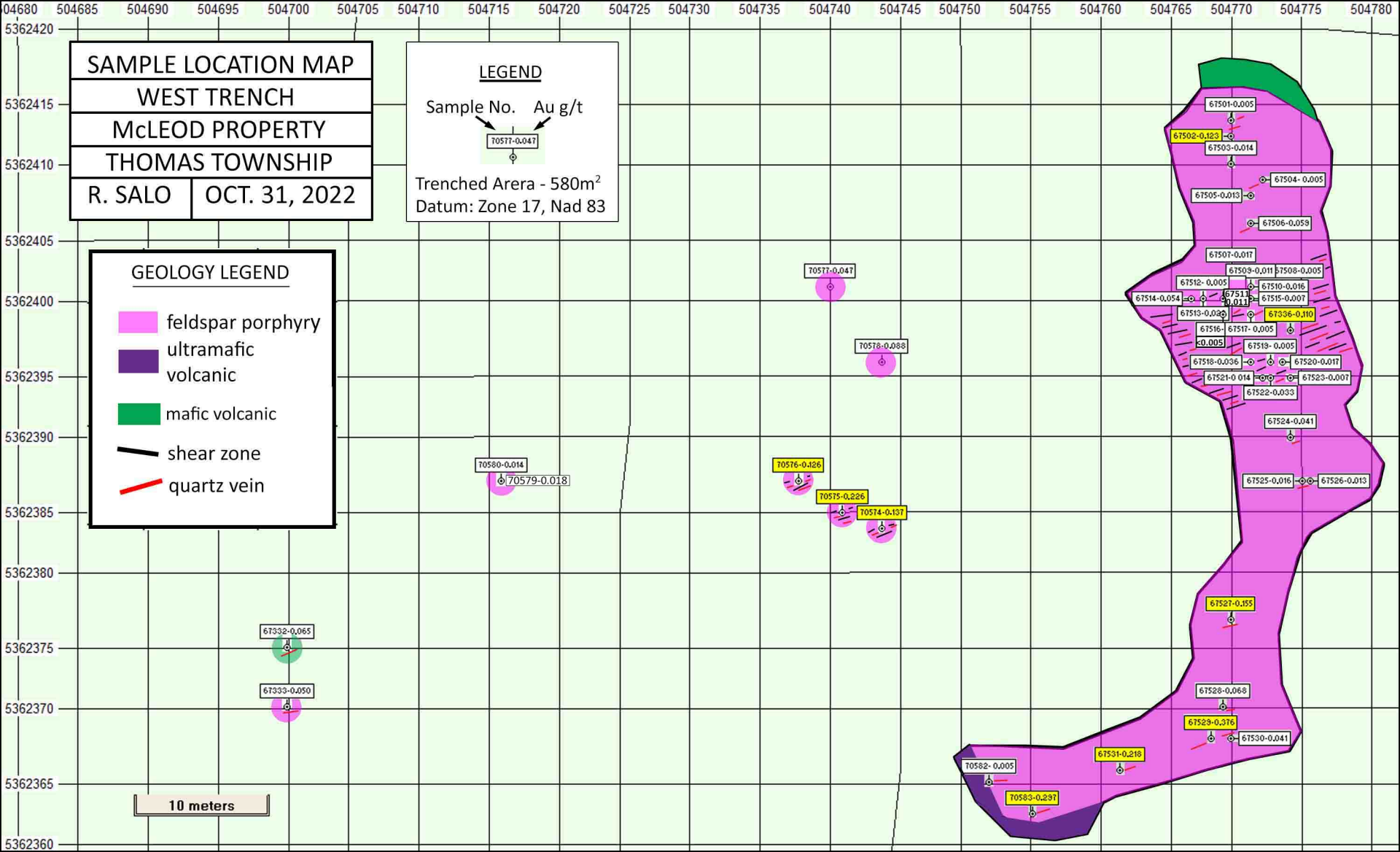
SAMPLE LOCATION MAP
TRENCHES 4 & 5
McLEOD PROPERTY
THOMAS TOWNSHIP
 R. SALO | OCT. 31, 2022

LEGEND

Sample No. Au g/t

70577-0.047

Trenched Arera - 300m²
 Datum: Zone 17, Nad 83



SAMPLE LOCATION MAP

WEST TRENCH

McLEOD PROPERTY

THOMAS TOWNSHIP

R. SALO

OCT. 31, 2022

LEGEND

Sample No. Au g/t

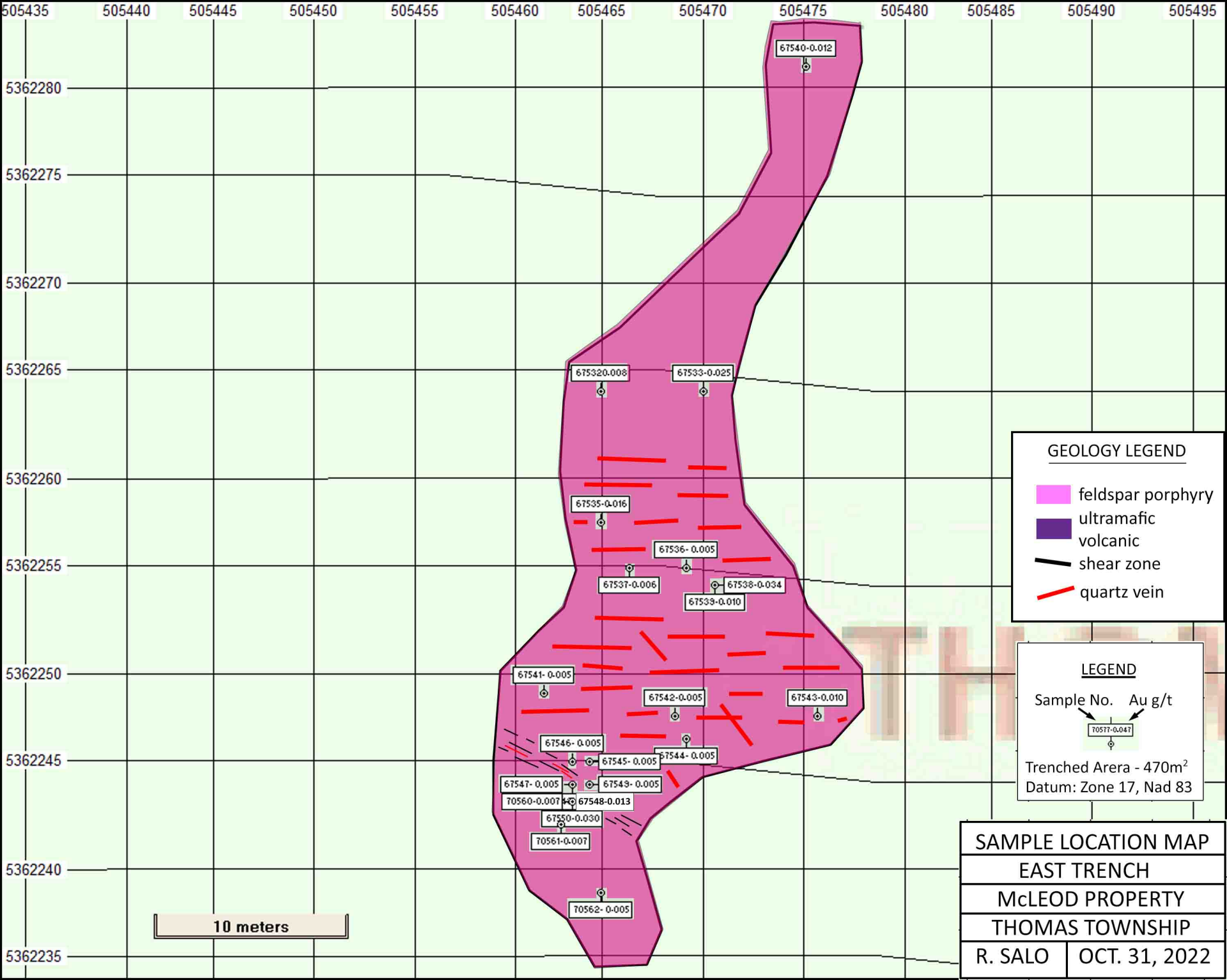
70577-0.047

Trenched Area - 580m²
Datum: Zone 17, Nad 83

GEOLOGY LEGEND

- feldspar porphyry
- ultramafic
- mafic volcanic
- shear zone
- quartz vein

10 meters



67540-0.012

675320-0.008

67533-0.025

67535-0.016

67536-0.005

67537-0.006

67538-0.034

67539-0.010

67541-0.005

67542-0.005

67543-0.010

67546-0.005

67545-0.005

67544-0.005

67547-0.005

67543-0.005

70560-0.007

67548-0.013

67550-0.030

70561-0.007

70562-0.005

McLeod Project Rock Sampling 2022							
Sample No.	UTM Easting	UTM Northing	Description	Au g/mt	Au g/tonne grav	Prospecting/Trench	Date Taken
67312	505275	5362279	Hematite moderately altered quartz-feldspar porphyry, moderately sheared at 060 degrees, 1cm white quartz vein, 2% coarse-grained pyrite subhedral cubes, non magnetic.	0.139		P (1)	2022-05-14
67313	505275	5362282	Hematite moderately altered quartz-feldspar porphyry, moderately sheared at 060 degrees, 1cm white quartz vein, 2% coarse-grained pyrite subhedral cubes, non magnetic.	0.258		P (1)	2022-05-14
67314	505275	5362283	Mafic dike trending 060 degrees, medium-grained, weakly magnetic, moderately sheared at 060 degrees, 1mm grains, 30% white feldspar phenocrysts, homogeneous, 2mm quartz-carbonate veinlets following foliation, 5% 1mm disseminated pyrite cubes.	0.067		P (1)	2022-05-14
67315	505275	5362285	4cm milky-white quartz vein sheared at 060 degrees, 2% fracture-controlled fine-grained subhedral pyrite.	0.405		P (1)	2022-05-15
67316	505285	5362285	Moderately hematite altered silica flooded quartz-feldspar porphyry, strongly hematite-potassic altered feldspar grains associated with quartz veining, 0.4cm white to clear quartz vein trending 060 degrees, moderately sheared, 2% fine-grained subhedral pyrite aggregates, moderately magnetic.	0.018		P (1)	2022-05-15
67317	505284	5362286	Moderately hematite altered quartz-feldspar porphyry, several 0.4cm white to clear quartz veins trending 060 degrees, moderately sheared, 3% fine-grained subhedral pyrite aggregates, non-magnetic.	0.456		P (1)	2022-05-15
67318	505286	5362287	White to clear quartz vein with 3% fracture-controlled fine-grained euhedral pyrite, specular hematite grains within quartz vein, sheared moderately at 060 degrees.	0.019		P (1)	2022-05-15
67319	505284	5362288	Medium-grained quartz-feldspar porphyry, 2mm grains, moderately sheared, several 2mm quartz veins, 3% fine-grained fracture-controlled pyrite and chalcopyrite, non-magnetic.	< 0.005		P (1)	2022-05-21
67320	505285	5362290	4cm quartz vein white to clear hosted in medium-grained feldspar porphyry, 2% fracture-controlled fine- to medium-grained pyrite both brassy and silver coloured.	0.046		P (1)	2022-05-21
67321	505326	5362203	Medium-grained quartz-feldspar porphyry closely packed with areas of 25% siliceous matrix, 3% fine-grained subhedral pyrite associated with hairline chlorite-filled fractures, coarse pyrite patches, non-magnetic, strong gossan weathered surface.	0.256		P (1)	2022-05-21
67322	505326	5362204	Medium- to coarse-grained quartz-feldspar porphyry, mottled appearance, several 0.5cm white to clear quartz veins with 1% associated coarse-grained euhedral pyrite cubes within veins and 2% fine-grained euhedral pyrite associated with hairline chlorite-filled micro-fractures, weakly magnetic locally.	0.029		P (1)	2022-05-21
67323	505088	5362449	Medium-grained mottled textured quartz-feldspar porphyry, siliceous, carbonated, numerous mm-scale randomly oriented quartz veinlets with 4% associated fine- to medium-grained sub- to euhedral pyrite grains and pyrite aggregates <1cm, non-magnetic, proximal to komatite volcanic rocks.	0.064		P	2022-05-22
67324	505086	5362445	Medium-grained mottled textured quartz-feldspar porphyry, siliceous, moderate pervasive hematite hydrothermal overprint, common randomly oriented hairline chlorite-filled micro-fractures, 3% fracture-controlled fine-grained pyrite, weakly sheared at 060 degrees.	0.072		P	2022-05-22
67325	505086	5362439	Medium-grained quartz-feldspar porphyry with little igneous textures remaining, strongly siliceous, weakly-magnetic, common 2mm quartz veinlets with associated strongly hematite-potassic feldspar euhedral grains, 2% fine-grained fracture-controlled pyrite.	0.098		P	2022-05-22
67326	505086	5362442	Medium-grained strongly mottled quartz-feldspar porphyry, moderate pervasive hematite alteration overprint, weakly magnetic, 3% fine-grained disseminated and fracture-controlled sub- to euhedral pyrite and chalcopyrite grains as well as sulfide aggregates.	0.083		P	2022-05-23
67327	505086	5362434	Medium-grained quartz-feldspar porphyry, 2mm phenocrysts, tightly packed, feldspars are medium red colour - alkali? Several cross-cutting <0.5cm white quartz veins +/-chlorite, common fine-grained fracture-controlled scattered pyrite sub- to euhedral grains as well as pyrite aggregates, common chlorite-filled micro-fractures randomly oriented, non-magnetic, weakly sheared at 060 degrees.	0.098		P	2022-05-26
67328	505091	5362434	Strongly carbonated white coloured medium-grained quartz-feldspar porphyry, common fracture-controlled specular hematite and pyrite aggregates, non-magnetic.	0.013		P	2022-05-26
67329	505086	5362429	Fine-grained siliceous felsic intrusive, strongly carbonated on weathered surface, 3% disseminated fine- to coarse-grained euhedral pyrite cubes throughout sample, non-magnetic.	0.013		P	2022-05-26
67330	505101	5362255	Siliceous moderately pervasive hematite altered felsic intrusive, non-magnetic, 2% fine-grained fracture-controlled pyrite and specular hematite, 2cm brecciated white quartz vein.	0.008		P	2022-05-27
67331	505101	5362255	Siliceous moderately pervasive hematite altered felsic intrusive, non-magnetic, 2% fine-grained fracture-controlled pyrite and specular hematite, 2cm brecciated white quartz vein.	0.028		P	2022-05-28
67332	504700	5362375	Tightly packed quartz porphyry with 60% medium-grained euhedral quartz crystals in a fine-grained siliceous matrix, strong hem/K hydrothermal overprint of matrix minerals, 4% coarse-grained sub- to euhedral pyrite and chalcopyrite as veinlets and aggregates, non-magnetic.	0.065		P	2022-05-31

Sample No.	UTM Easting	UTM Northing	Description	Au g/mt	Au g/tonne grav	Prospecting/Trench	Date Taken
67333	504700	5362370	Fine-grained felsic intrusive with abundant quartz-filled micro-fractures associated with fractured coarse-grained pyrite cubes, 3% very fine-grained euhedral fracture-controlled pyrite, weakly gossanous weathered surface, non-magnetic.	0.05		P	2022-06-01
67334	504674	5362315	quartz-rich felsic intrusive, 60% quartz phenocrysts, common light to dark grey quartz veins associated with stringer pyrite comprised of coarse-grained silver to medium-grey coloured pyrite, common weathered cubic vugs, moderate pervasive hem/K alteration, weakly magnetic locally.	0.03		P	2022-06-02
67335	505282.5	5362385	quartz-rich felsic intrusive, 60% quartz phenocrysts, common light to dark grey quartz veins associated with stringer pyrite comprised of coarse-grained silver to medium-grey coloured pyrite, common weathered cubic vugs, moderate pervasive hem/K alteration, weakly magnetic locally.	0.022		P (2)	2022-06-03
67336	504774	5362398	Tightly packed euhedral quartz grains 3-4mm in size set in siliceous matrix with rare orange-brown-green platy to massive mineral of moderate hardness, blue copper mineral on euhedral pyrite grain surface, common hem/K alteration of quartz grains, minor chalcopyrite, 4% disseminated and fracture-controlled subhedral highly fractured pyrite up to 10mm, non-magnetic.	0.11		W	2022-06-09
67337	505283	5362385	Tightly packed euhedral quartz grains 3-4mm in size set in siliceous matrix with rare orange-brown-green platy to massive mineral of moderate hardness, blue copper mineral on euhedral pyrite grain surface, common hem/K alteration of quartz grains, minor chalcopyrite, 4% disseminated and fracture-controlled subhedral highly fractured pyrite up to 10mm, non-magnetic.	0.121		P (2)	2022-06-03
67338	504674	5429647	Tightly packed euhedral quartz grains 3-4mm in size set in siliceous matrix black medium silver coloured cubic metallic mineral with possible native copper on grain surface associated with granular dark black mineral aggregates, non-magnetic, 5% coarse-grained sub- to euhedral pyrite.	< 0.005		P	2022-06-02
67339	504889	5362455	Mottled tightly packed quartz-rich felsic intrusive, several <5mm quartz stringers with 3% fine-grained fracture-controlled cubic pyrite.	< 0.005		P	2022-06-10
67340	505275	5362278	Quartz vein 6cm with tightly packed 2-3mm quartz grains comprising vein, 7% coarse-grained <1cm sub-hedral pyrite as discrete grains and as veins.	0.163		P (1)	2022-06-10
67341	504889	5362460	Quartz-rich intrusion, sheeted quartz crystals, strong pervasive hem/K alteration, proximal to mafic contact, non-magnetic, 3% disseminated fine- to coarse-grained pyrite with local malachite staining, moderately to strongly magnetic.	0.007		P	2022-06-10
67342	504912	5362451	Quartz-rich intrusion, sheeted quartz crystals, strong pervasive hem/K alteration, proximal to mafic contact, non-magnetic, 3% disseminated fine- to coarse-grained pyrite with local malachite staining, moderately to strongly magnetic.	0.013		P	2022-06-10
67343	505326	5362375	Quartz-rich intrusive, moderately sheared, late barren 1cm quartz vein, green coloured chalcopyrite cubes with a dark grey weathered surface, 4% disseminated medium-grained pyrite <4mm, non-magnetic.	0.321		P (3)	2022-06-11
67344	506271	5362914	Fine-grained quartz-rich felsic intrusive, distinct brown-orange interstitial mineral, 3% disseminated fine-grained euhedral pyrite.	0.011		P	2022-06-12
67345	505283	5362386	Fine-grained quartz-rich felsic intrusive, distinct brown-orange interstitial mineral, 3% disseminated fine-grained euhedral pyrite, brecciated locally.	0.016		P (2)	2022-06-12
67346	505320	5362375	060 Shearing, quartz-feldspar porphyry, pristine igneous textures, moderate pervasive hem/K hydrothermal overprint, 3% sub- to euhedral medium-grained pyrite, 40% white feldspar crystals 2-3mm and 30% subhedral quartz crystals set in a fine-grained quartz-rich matrix, 2% disseminated subhedral pyrite grains replacing interstitial mafic component of the intrusive, 3% medium-grained sub- to euhedral cubic chalcopyrite crystals, moderately magnetic along quartz vein-chalcopyrite fracture.	0.472		P (3)	2022-06-11
67347	505329	5362375	7cm quartz vein breccia, weakly magnetic, rusty weathered surface, 2.5cm x 4cm coarse pyrite aggregate medium grey colour and non-magnetic within vein, disseminated subhedral pyrite within vein.	> 10.0	100	P (3)	2022-06-11
67348	505329	5362376	2-2cm white quartz veins set in strongly siliceous felsic intrusive, 2% subhedral medium-grained fracture-controlled pyrite grains and aggregates, non-magnetic.	0.834		P (3)	2022-06-11
67349	505330	5362377	Feldspar porphyry hosting <1cm white quartz veins, 060 deg. trending shear zone weak, moderate pervasive hydrothermal hematite/K alteration overprint, weakly magnetic locally, 3% fracture-controlled subhedral pyrite associated with quartz veining.	0.67		P (3)	2022-06-11
67350	505329	5362378	Feldspar porphyry hosting <1cm white quartz veins, 060 deg. trending shear zone weak, moderate pervasive hydrothermal hematite/K alteration overprint, weakly magnetic locally, 3% fracture-controlled subhedral silver coloured pyrite and light green coloured chalcopyrite associated with quartz veining.	0.399		P (3)	2022-06-11
67501	504770	5362414	Feldspar porphyry, pristine igneous textures, adjacent to mafic volcanic contact to north, some mixing providing a dark appearance to the matrix, moderate hem/K pervasive alteration of matrix component, 1% disseminated subhedral pyrite, moderately magnetic.	0.005		W	2022-07-03

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67502	504770	5362413	Feldspar porphyry, pristine igneous textures, adjacent to mafic volcanic contact to north, 2% disseminated subhedral pyrite, moderately magnetic.	0.123		W	2022-07-03
67503	504770	5362411	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 4% disseminated subhedral pyrite, moderately magnetic.	0.014		W	2022-07-03
67504	504772	5362409	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 4% disseminated subhedral pyrite, moderately magnetic, light pink coloured weathered surface.	< 0.005		W	2022-07-03
67505	504771	5362408.5	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 2% disseminated subhedral disseminated 3-4mm pyrite, non-magnetic, light pink coloured weathered surface.	0.013		W	2022-07-03
67506	504771	5362406	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 4% disseminated subhedral disseminated 2-3mm pyrite, non-magnetic, light pink coloured weathered surface.	0.059		W	2022-07-03
67507	504770	5362403	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 4% disseminated subhedral disseminated 3-4mm pyrite grains and aggregates often following micro-fractures, non-magnetic.	0.017		W	2022-07-03
67508	504772	5362403	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 3% disseminated subhedral disseminated 3-4mm pyrite grains associated with 30% semi-clear quartz veining, non-magnetic.	0.005		W	2022-07-03
67509	504771.5	5362402	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear quartz-chlorite filled micro-fractures associated with 3% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite cubic grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.011		W	2022-07-03
67510	504771	5362401.5	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, 0.5cm clear quartz vein with associated with 3% disseminated and fracture-controlled subhedral 3-4mm pyrite and chalcopyrite cubic grains, weakly magnetic, 060 deg. trending weak to moderate shearing.	0.016		W	2022-07-03
67511	504769	5362401	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz-chlorite filled micro-fractures associated with 4% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite cubic grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.011		W	2022-07-03
67512	504767.5	5362400.5	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz-chlorite filled micro-fractures associated with 4% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite cubic grains, non-magnetic, 060 deg. trending weak to moderate shearing.	< 0.005		W	2022-07-03
67513	504767.5	5362400.5	Quartz-feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz-chlorite filled micro-fractures associated with 3% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite cubic grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.023		W	2022-07-03
67514	504767	5362400	Quartz-feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz-chlorite filled micro-fractures associated with 3% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite cubic grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.054		W	2022-07-03
67515	504771	5362400	Quartz-feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to white quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.007		W	2022-07-03
67516	504769	5362399.5	Quartz-feldspar porphyry, siliceous, igneous textures faint, 30% quartz white vein, moderate hem/K pervasive alteration, common <5mm clear quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	< 0.005		W	2022-07-03
67517	504771.5	5362399.5	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to white quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	< 0.005		W	2022-07-03
67518	504771	5362396	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to white quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.036		W	2022-07-03
67519	504772.7	5362396	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	< 0.005		W	2022-07-03

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67520	504773.5	5362396	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.017		W	2022-07-03
67521	504772	5362395.5	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.014		W	2022-07-03
67522	504772.8	5362395	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 4% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite grains and veinlets, weakly magnetic, 060 deg. trending weak to moderate shearing.	0.033		W	2022-07-03
67523	504774	5362395	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 4% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.007		W	2022-07-03
67524	504774.5	5362391	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 4% fracture-controlled subhedral 3-4mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.041		W	2022-07-03
67525	504775	5362387	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite, non-magnetic, 060 deg. trending weak to moderate shearing.	0.016		W	2022-07-03
67526	504776	5362387	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.013		W	2022-07-03
67527	504770	5362377	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.155		W	2022-07-03
67528	504769	5362370	Mafic volcanic at contact zone, strongly sheared at 060 deg., 4% disseminated fine-grained pyrite, clear <1cm quartz vein with fracture-controlled pyrite, non-magnetic.	0.068		W	2022-07-03
67529	504768	5362368	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.376		W	2022-07-03
67530	504770	5362368	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.041		W	2022-07-03
67531	504762	5362366	Feldspar porphyry, siliceous, igneous textures faint, moderate hem/K pervasive alteration, common <5mm clear to grey coloured quartz veins with chloritic contacts and quartz-chlorite filled micro-fractures associated with 2% fracture-controlled subhedral 2-3mm pyrite and chalcopyrite grains, non-magnetic, 060 deg. trending weak to moderate shearing.	0.218		W	2022-07-03
67532	505465	5362264	grey quartz vein 10cm hosted in an east-west striking subvertical dark grey to red coloured fine-grained aplite dike, trace fine-grained pyrite along vein contacts, dike strongly magnetic.	0.008		E	2022-07-02
67533	505470	5362264	East-west moderate sheared medium-grained feldspar porphyry, 2% disseminated fine-grained pyrite, non-magnetic.	0.025		E	2022-07-02
67534	505263.5	5362259	135 deg. Striking subvertical quartz vein hosted in feldspar porphyry, 270-70N vein immediately south, 135 deg. Quartz veining cross-cuts 070 deg. Veins and 070 deg. Quartz veining cross-cuts E-W striking veining in outcrop, strongly E-W sheared, 3% fine-grained disseminated pyrite.	0.012		1	2022-07-02
67535	505465	5362258	East-west quartz vein, milky white coloured, 1% vein contact related fine-grained pyrite.	0.016		E	2022-07-02
67536	505469.2	5362255.5	120 deg. Moderate shear zone in feldspar porphyry, 1% fine-grained contact related pyrite.	< 0.005		E	2022-06-30
67537	505466	5362255	130-70S (RHR) white quartz vein (cross-cutting E-W quartz vein), 1% contact related fine-grained pyrite.	0.006		E	2022-06-30

Sample No.	UTM Easting	UTM Northing	Description	Au g/mt	Au g/tonne grav	Prospecting/Trench	Date Taken
67538	505470.5	5362254.6	E-W moderate shear in feldspar porphyry medium-grained, 6cm white to grey coloured quartz vein, 1% contact related fine-grained pyrite.	0.034		E	2022-06-30
67539	505470.5	5362254.2	E-W moderate shear in feldspar porphyry medium-grained, 6cm white to grey coloured quartz vein, 1% contact related fine-grained pyrite.	0.01		E	2022-06-30
67540	505475	5362281	E-W moderate shear in feldspar porphyry medium-grained, 4cm white to grey coloured quartz vein, 1% contact related fine-grained pyrite.	0.012		E	2022-06-30
67541	505462	5362249	E-W moderate shear in feldspar porphyry medium-grained, 3cm white to grey coloured quartz vein, 1% contact related fine-grained pyrite.	< 0.005		E	2022-06-30
67542	505468.5	5362248	120 deg. Quartz vein white to clear, 1% contact related fine-grained pyrite.	0.005		E	2022-06-30
67543	505475.5	5362248	E-W moderate shear in feldspar porphyry medium-grained, 2cm white to grey coloured quartz vein, 1% contact related fine-grained pyrite.	0.01		E	2022-06-30
67544	505469	5362246.5	E-W moderate shear in feldspar porphyry medium-grained, 1% disseminated fine-grained pyrite.	< 0.005		E	2022-06-30
67545	505464	5362246	140 deg. striking subvertical clear quartz vein hosted in medium-grained feldspar porphyry with pristine igneous textures, weakly magnetic, 1% disseminated fine-grained pyrite.	< 0.005		E	2022-06-30
67546	505463.5	5362245	140 deg. striking subvertical clear quartz vein hosted in medium-grained feldspar porphyry with pristine igneous textures, weakly magnetic, 1% disseminated fine-grained pyrite.	< 0.005		E	2022-06-27
67547	505463.5	5362244.5	E-W moderate shear in feldspar porphyry medium-grained, 3cm white quartz vein, 1% fracture-controlled and disseminated fine-grained pyrite.	< 0.005		E	2022-06-27
67548	505463	5362244.3	North end of 120 deg. shear zone, white to clear quartz vein breccia, 2% fracture-controlled fine-grained pyrite and chalcopyrite.	0.013		E	2022-06-27
67549	505463.7	5362244.2	North end of 120 deg. shear zone, white to clear quartz vein breccia, 2% fracture-controlled fine-grained pyrite and chalcopyrite.	< 0.005		E	2022-06-27
67550	505463.5	5362243.5	120 deg. shear zone, white to clear quartz vein breccia, 2% fracture-controlled fine-grained pyrite and chalcopyrite.	0.03		E	2022-06-27
70560	505463.2	5362243.1	120 deg. shear zone, white to clear quartz vein breccia, 2% fracture-controlled fine-grained pyrite and chalcopyrite.	0.007		E	2022-06-27
70561	505462.5	5362242	120 deg shear, 4mm clear quartz vein with associated moderate hematite-epidote alteration, trace fracture-controlled fine-grained pyrite.	0.007		E	2022-06-27
70562	505465	5362239	South edge of 120 deg shear, 4mm clear quartz vein with associated moderate hematite-epidote alteration, trace fracture-controlled fine-grained pyrite.	< 0.005		E	2022-06-27
70563	505436	5362323	Medium-grained feldspar porphyry, 1% disseminated fine-grained pyrite, weakly magnetic.	0.04		5	2022-06-25
70564	505437	5362318	Medium-grained feldspar porphyry, 1% disseminated fine-grained pyrite, weakly magnetic.	0.117		5	2022-06-25
70565	505436	5362316	Medium-grained feldspar porphyry, 2cm 060 deg. trending quartz vein white coloured, 1% fracture-controlled fine-grained pyrite, weakly magnetic.	0.006		5	2022-06-25
70566	505436	5362320	060 deg. Shear within medium-grained feldspar porphyry, 0.5cm clear quartz vein, chloritic and hematitic slip noted, trace fracture-controlled fine-grained pyrite.	0.007		5	2022-06-25
70567	505435	5362325	060 striking aplite dike contact with 4cm white to clear quartz veining, 1% fine-grained related pyrite.	< 0.005		5	2022-06-25
70568	505400	5362310	Clear 1cm quartz vein in quartz-feldspar porphyry, 2% very fine-grained pyrite, strong gossan, 060 deg. shearing 2m wide.	0.017		4	2022-06-26
70569	505399	5362309.8	Clear 1cm quartz vein in quartz-feldspar porphyry, 2% very fine-grained pyrite, strong gossan, 060 deg. shearing 2m wide.	0.014		4	2022-06-26
70570	505399.2	5362309	Clear 1cm quartz vein in quartz-feldspar porphyry, 2% very fine-grained pyrite, strong gossan, 060 deg. shearing 2m wide.	0.017		4	2022-06-26
70571	505396	5362315	Mottled quartz-feldspar porphyry, 0.5cm white quartz vein trending 060 deg., weak shear, 3% disseminated medium-grained pyrite, non-magnetic.	0.011		4	2022-06-26
70572	505323	5362203	feldspar porphyry with 2cm white quartz vein, 060 deg. shearing, coarse silver to brassy coloured pyrite within vein, non-magnetic.	0.851		1	2022-06-26
70573	505322	5362203	feldspar porphyry with 2cm white quartz vein, 060 deg. shearing, coarse silver to brassy coloured pyrite within vein, non-magnetic.	0.194		1	2022-06-26
70574	504744	5362384	Mottled quartz-feldspar porphyry, 2% disseminated pyrite, non-magnetic.	0.137		P	2022-05-31
70575	504741	5362385	Strongly mottled, siliceous feldspar porphyry, white quartz veining 3cm, shearing at 070 deg., weakly gossanous, 2% disseminated and fracture-controlled pyrite associated with quartz veining.	0.226		P	2022-05-31
70576	504738	5362387	Mottled feldspar porphyry, gossanous weathered rind, 3% fine-grained pyrite along late fractures and as disseminations with porphyry, non-magnetic.	0.126		P	2022-05-31
70577	504740	5362402	Mottled feldspar porphyry, gossanous weathered rind, 3% fine-grained pyrite along late fractures and as disseminations with porphyry, non-magnetic.	0.047		P	2022-05-31
70578	504744	5362396	Mottled feldspar porphyry, gossanous weathered rind, 3% fine-grained pyrite along late fractures and as disseminations with porphyry, non-magnetic, chlorite slips.	0.088		P	2022-05-31

Sample No.	UTM Easting	UTM Northing	Description	Au g/mt	Au g/tonne grav	Prospecting/Trench	Date Taken
70579	504716	5362387	Quartz vein breccia, flat lying milky white quartz veining dominating, no discernable strike direction, host rock fragments possibly mafic/ultramafic and strongly ankerite altered, non-magnetic.	0.018		P	2022-06-01
70580	504716	5362387	Quartz vein breccia, flat lying milky white quartz veining dominating, no discernable strike direction, host rock fragments possibly mafic/ultramafic and strongly ankerite altered, non-magnetic.	0.014		P	2022-06-01
70581	504752	5362365	Strongly sheared ultramafic volcanic, iron carbonate crystals, strongly carbonated, mm-scale quartz veining following shearing, possible float, 4% disseminated fine-grained pyrite, non-magnetic.	< 0.005		W	2022-07-19
70582	504752	5362365	Strongly sheared ultramafic volcanic, iron carbonate crystals, strongly carbonated, mm-scale quartz veining following shearing, possible float, 4% disseminated fine-grained pyrite, non-magnetic.	< 0.005		W	2022-07-19
70583	504755	5362363	Mottled feldspar porphyry, gossanous weathered rind, 3% fine-grained pyrite along late fractures and as disseminations within porphyry, non-magnetic.	0.297		W	2022-07-19
70584	504816	5362326	Clear 1cm quartz vein striking 060 deg. within mottled feldspar porphyry, 2% fracture-controlled pyrite, non-magnetic.	0.02		P	2022-07-09
70585	504806	5362348	Clear 0.5cm quartz vein striking 060 deg. within mottled feldspar porphyry, 2% fracture-controlled pyrite, non-magnetic.	0.008		P	2022-07-09
70586	504912	5362454	Deep red coloured fine-grained felsic dike, apite, weakly sheared at 060 deg. 1% very fine-grained disseminated pyrite, non-magnetic.	0.014		P	2022-07-09
70587	505238	5362584	Old pit. Strongly mottled felsic intrusive - feldspar porphyry, 3% coarse-grained pyrite patches, moderate pervasive hematite altered, non-magnetic.	0.03		P	2022-07-10
70588	505238	5362584	Old pit. Mafic volcanic, weakly carbonated, moderately magnetic, 2% disseminated splashy silver pyrite, minor chalcopyrite, at contact with felsic intrusive.	< 0.005		P	2022-07-10
70589	505238	5362584	Old pit. Strongly mottled felsic intrusive - feldspar porphyry, 3% coarse-grained pyrite patches, moderate pervasive hematite altered, non-magnetic.	0.006		P	2022-07-10
70590	505238	5362584	Old pit. Strongly mottled felsic intrusive - feldspar porphyry, 3% coarse-grained pyrite patches, py cube/aggregate 2cm, moderate pervasive hematite altered, non-magnetic.	0.035		P	2022-07-10
70591	505238	5362584	Old pit. Strongly mottled felsic intrusive - feldspar porphyry, 3% coarse-grained pyrite patches, moderate pervasive hematite altered, non-magnetic.	0.006		P	2022-07-10
70592	505221	5362622	Mafic volcanic, basalt, quartz filled micro-fractures with weak hematite alteration, weakly magnetic, 2% disseminated and fracture related euhedral fine- and medium-grained pyrite.	< 0.005		P	2022-07-10
70069	505329.5	5362375	moderately mottled porphyry, weakly sheared at 060 deg., moderately siliceous, moderate pervasive hematite alteration, moderately micro-fractured with magnetite veinlet filling, pyrite, chalcopyrite, enargite within magnetite veinlets, 3% sulfide, strongly magnetic.	0.163		3	2022-08-20
70070	505329.4	5362375	moderately mottled porphyry, moderately siliceous, moderate pervasive hematite alteration, moderately micro-fractured with hematite-magnetite veinlet filling, pyrite, chalcopyrite, enargite within magnetite-hematite veinlets, light yellow coloured silicate mineral spatially associated with hematite altered quartz grains and pyrite cubes, 3% sulfide, weakly magnetic.	0.572		3	2022-08-20
70071	505329.3	5362375	moderately mottled porphyry, moderately siliceous, moderate pervasive hematite alteration, moderately micro-fractured with hematite veinlet filling, pyrite, chalcopyrite, enargite within hematite veinlets, medium-grained pyrite cubes, 1% sulfide, weakly magnetic.	0.14		3	2022-08-20
70072	505329.2	5362375	moderately mottled closely packed porphyry, weakly sheared at 060 deg., moderately siliceous, moderate pervasive hematite alteration, moderately micro-fractured with magnetite veinlet filling, pyrite and abundant chalcopyrite within magnetite veinlets, 3% sulfide, strongly magnetic.	0.238		3	2022-08-20
70073	505329.6	5362375	moderately mottled feldspar porphyry, weakly sheared at 060 deg., moderately siliceous, cross-cutting white quartz veining <2cm, moderate pervasive hematite alteration, moderately micro-fractured with magnetite veinlet filling <1cm, pyrite and abundant chalcopyrite within magnetite veinlets, 4% sulfide, strongly magnetic.	0.958		3	2022-08-20
70074	505223	5362205	mainly grey quartz vein with hematite veinlet hosting chalcopyrite and bornite-azurite, very weakly magnetic.	0.018		1	2022-08-28
70075	505329.1	5362375	quartz vein breccia, 10% massive fine-grained pyrite spatially associated with massive magnetite patches, strongly magnetic, feldspar porphyry host rock.	> 10.0	15.3	3	2022-08-28
70076	505268	5362282	weakly rusty quartz vein, specular hematite veinlet hosting pyrite, chalcopyrite and bright blue metallic mineral - molybdenite?, non-magnetic.	1.65		1	2022-08-28
70077	505275	5362277.5	mottled quartz vein breccia, weak shearing at 060 deg., magnetite patches, strongly magnetic, 1% anhedral pyrite.	0.026		1	2022-08-28
70078	505275	5362280	quartz vein breccia, feldspar porphyry host rock, 10% massive fine-grained pyrite, magnetite aggregates, strongly magnetic.	7.17		1	2022-08-28
70079	505275	5362278	quartz vein breccia, weakly gossanous, massive magnetite discontinuous veins/patches 1x3cm.	0.119		1	2022-08-28

Sample No.	UTM Easting	UTM Northing	Description	Au g/mt	Au g/tonne grav	Prospecting/Trench	Date Taken
70080	505268	5362282	quartz vein breccia, feldspar porphyry host rock, 10% massive fine-grained pyrite, specular hematite aggregates with bright blue colour, non-magnetic.	2.17		1	2022-08-28
70081	505271.5	5362281	quartz vein breccia, 3% pyrite as veinlets associated with magnetite, aggregates and disseminations, moderately magnetic	0.143		1	2022-08-28
70082	505260	5362270	quartz vein breccia, 2% pyrite as veinlets associated with magnetite, aggregates and disseminations, moderately magnetic	0.062		1	2022-08-28
70083	505271	5362288	quartz vein breccia, 1% pyrite as discontinuous veinlets, magnetite patch 0.5x0.5cm, moderately magnetic	0.304		1	2022-08-28
70084	505275	5362281	quartz vein breccia, 1% pyrite as massive veinlets 1x3cm, non-magnetic	0.303		1	2022-08-28
70085	505249	5362315	quartz vein breccia, 2% pyrite as aggregates, non-magnetic.	0.07		1	2022-08-28
70086	505249	5362314	quartz vein breccia, 2% pyrite as aggregates, magnetite-bright blue hematite aggregate 3x3mm in quartz vein, weakly magnetic.	0.032		1	2022-08-28
70087	505335	5362389	30cm quartz vein trending 125 deg., 3% coarse pyrite, malachite staining, weakly magnetic.	0.01		3	2022-09-04
70088	505335	5362388	30cm quartz vein trending 125 deg., 3% coarse pyrite, weakly magnetic.	0.035		3	2022-09-04
70089	505335	5362386	30cm quartz vein trending 125 deg., 6% coarse-grained pyrite as brassy coloured and silver coloured cubes, weakly magnetic.	0.124		3	2022-09-04
15383	505332	5362391	chloritic mafic? contact zone sample on west side of 125 deg. trending 30cm quartz vein (T3), yellow staining, strongly magnetic, no visible sulfide. [1]	< 0.005		3	2022-09-15
15384	505331.5	5362394	125 deg. quartz vein contact with porphyry, magnetite stringer on late fracture, coarse pyrite veinlet. [2]	< 0.005		3	2022-09-15
15385	505332	5362396	quartz vein breccia along 125 deg. trending quartz vein east contact, rusty, non-magnetic, 3% brass coloured aggregate pyrite patches. [3]	< 0.005		3	2022-09-15
15386	505331.9	5362395.8	quartz vein breccia along 125 deg. trending quartz vein east contact, 3% silver coloured aggregate pyrite patches and massive magnetite patches with associated pyrite. [4]	0.028		3	2022-09-15
15387	505331	5362395	quartz vein breccia along 125 deg. trending quartz vein west contact, 4% brass coloured pyrite aggregates associated with massive magnetite patches. [5]	0.041		3	2022-09-15
15388	505334	5362392	quartz vein breccia along 125 deg. trending quartz vein west contact, 4% brass coloured pyrite aggregates associated with massive magnetite patches. [6]	0.035		3	2022-09-15
15389	505295	5362266	quartz vein trending 060 deg., magnetite blebs in quartz vein and porphyry with associated brass coloured pyrite.	1.14		1	2022-09-15
15390	505294	5362264	vuggy satin textured quartz vein with 2% brass coloured pyrite cubes and mm magnetite patches.	0.083		1	2022-09-15
15391	505294.5	5362265	quartz vein, non-magnetic, 3% coarse-grained pyrite cubes.	0.064		1	2022-09-15

Datum: Nad 83, Zone 17

P= Prospecting, P (1)= Prospecting on future trench location



Report No.: A22-07151
Report Date: 23-Jun-22
Date Submitted: 30-May-22
Your Reference: McLeod

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

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

20 Rock samples were submitted for analysis.

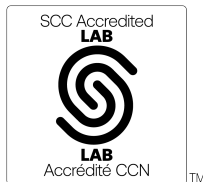
Table with 2 columns: The following analytical package(s) were requested, Testing Date. Row 1: 1A2-Timmins (10g/m t), QOP AA-Au (Au - Fire Assay AA), 2022-06-23 10:52:14

REPORT A22-07151

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Notes:

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



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Emmanuel Eseme

Emmanuel Eseme, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
67312	0.139
67313	0.258
67314	0.067
67315	0.405
67316	0.018
67317	0.456
67318	0.019
67319	< 0.005
67320	0.046
67321	0.256
67322	0.029
67323	0.064
67324	0.072
67325	0.098
67326	0.083
67327	0.098
67328	0.013
67329	0.013
67330	0.008
67331	0.028

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.54
OREAS 239 (Fire Assay) Cert	3.55
Oreas E1336 (Fire Assay) Meas	0.517
Oreas E1336 (Fire Assay) Cert	0.510
67318 Orig	0.018
67318 Dup	0.020
67328 Orig	0.014
67328 Dup	0.011
Method Blank	< 0.005
Method Blank	0.005



Report No.: A22-09235
Report Date: 08-Sep-22
Date Submitted: 04-Jul-22
Your Reference: McLeod

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

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

77 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.

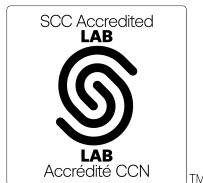
REPORT A22-09235

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 709

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Handwritten signature of Elitsa Hrischeva

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Report No.: A22-09235
Report Date: 08-Sep-22
Date Submitted: 04-Jul-22
Your Reference: McLeod

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

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

77 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1-0.5g	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-08-18 12:24:58

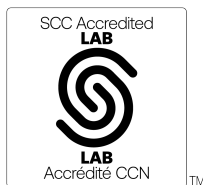
REPORT A22-09235

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 266

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

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-09235

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
67332	0.065																						
67333	0.050																						
67334	0.030																						
67335	0.022																						
67336	0.110																						
67337	0.121																						
67338	< 0.005																						
67339	< 0.005																						
67340	0.163																						
67341	0.007																						
67342	0.013																						
67343	0.321																						
67344	0.011																						
67345	0.016																						
67346	0.472																						
67347	> 10.0																						
67348	0.834																						
67349	0.670																						
67350	0.399																						
67501	0.005																						
67502	0.123																						
67503	0.014																						
67504	< 0.005																						
67505	0.013																						
67506	0.059																						
67507	0.017	0.001	< 1	0.060	0.4	< 0.1	4	0.080	0.16	0.12	0.03	0.74	0.45	1.4	3	8	112	1.23	10.6	3.5	14.4	2.9	0.51
67508	0.005																						
67509	0.011																						
67510	0.016																						
67511	0.011	0.002	3	0.048	2.9	0.2	4	0.078	0.38	0.26	0.07	2.40	0.65	2.0	12	10	244	3.39	32.0	37.5	23.5	9.0	1.57
67512	< 0.005																						
67513	0.023																						
67514	0.054																						
67515	0.007																						
67516	< 0.005																						
67517	< 0.005	0.001	< 1	0.028	0.6	< 0.1	3	0.073	0.04	0.12	0.02	0.22	0.12	0.8	4	9	66	0.68	3.7	3.6	12.1	2.7	0.74
67518	0.036																						
67519	< 0.005																						
67520	0.017																						
67521	0.014																						
67522	0.033	< 0.001	1	0.058	0.3	< 0.1	3	0.084	0.02	0.11	0.03	76.2	0.16	0.7	2	5	30	1.86	12.2	4.8	16.6	16.6	0.42
67523	0.007	0.001	2	0.036	0.5	< 0.1	4	0.085	0.17	0.11	0.02	1.40	0.41	1.9	4	6	169	2.41	26.8	8.9	12.9	7.7	0.67
67524	0.041																						
67525	0.016																						
67526	0.013																						
67527	0.155																						
67528	0.068																						
67529	0.376																						
67530	0.041	0.003	< 1	0.003	8.2	0.4	6	0.061	0.41	0.33	0.16	0.59	0.48	2.1	15	19	212	1.81	10.8	25.4	34.2	9.0	1.93
67531	0.218																						
67532	0.008																						

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
67533	0.025																						
67534	0.012																						
67535	0.016																						
67536	< 0.005																						
67537	0.006																						
67538	0.034																						
67539	0.010																						
67540	0.012																						
67541	< 0.005																						
67542	0.005																						
67543	0.010																						
67544	< 0.005																						
67545	< 0.005																						
67546	< 0.005																						
67547	< 0.005																						
67548	0.013																						
67549	< 0.005																						
67550	0.030																						
70560	0.007																						
70561	0.007																						
70562	< 0.005																						
70563	0.040																						
70564	0.117																						
70565	0.006																						
70566	0.007																						
70567	< 0.005																						

Results

Activation Laboratories Ltd.

Report: A22-09235

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
67332																							
67333																							
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67349																							
67350																							
67501																							
67502																							
67503																							
67504																							
67505																							
67506																							
67507	< 0.1	1.1	0.9	72.2	2.07	1.9	< 0.1	0.85	0.096	< 0.02	0.05	0.12	0.12	0.05	15.6	5.8	13.1	0.04	1.5	6.88	1.0	1.5	0.3
67508																							
67509																							
67510																							
67511	< 0.1	2.1	2.4	94.8	3.18	6.4	< 0.1	0.48	0.646	< 0.02	0.07	0.15	0.85	0.08	5.1	7.5	16.6	0.06	1.9	8.62	1.3	2.3	0.4
67512																							
67513																							
67514																							
67515																							
67516																							
67517	< 0.1	1.1	0.8	27.5	1.38	2.0	< 0.1	1.22	0.039	< 0.02	0.06	0.08	0.04	0.05	33.5	11.3	24.7	0.02	2.8	12.0	1.5	1.0	0.4
67518																							
67519																							
67520																							
67521																							
67522	< 0.1	1.1	0.7	33.1	2.22	1.4	< 0.1	0.41	5.41	< 0.02	< 0.05	0.12	6.12	0.03	7.0	16.2	35.0	0.19	4.1	16.9	2.0	2.4	0.6
67523	< 0.1	1.4	0.5	58.2	2.55	6.0	< 0.1	2.82	0.230	< 0.02	< 0.05	0.08	0.26	0.03	4.6	5.0	11.4	0.07	1.4	6.35	0.9	1.6	0.3
67524																							
67525																							
67526																							
67527																							
67528																							
67529																							
67530	< 0.1	1.1	6.6	148	1.81	38.9	< 0.1	1.04	0.134	< 0.02	0.15	0.55	0.20	0.22	7.3	9.4	22.0	0.04	2.6	11.0	1.6	1.1	0.4
67531																							
67532																							

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
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70567																								

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA
67332																			
67333																			
67334																			
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67348																			
67349																			
67350																			
67501																			
67502																			
67503																			
67504																			
67505																			
67506																			
67507	1.0	0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	0.5	< 0.001	8.3	< 0.02	4.2	1.9	0.7	40	
67508																			
67509																			
67510																			
67511	1.3	0.1	0.7	0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	9.9	0.02	12.1	2.0	0.7	30	
67512																			
67513																			
67514																			
67515																			
67516																			
67517	1.3	< 0.1	0.3	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.4	< 0.02	2.2	2.1	0.3	30	
67518																			
67519																			
67520																			
67521																			
67522	1.7	0.1	0.5	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	1.2	< 0.02	52.1	2.5	0.6	50	
67523	1.0	0.1	0.6	< 0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.05	0.2	< 0.001	2.5	< 0.02	8.3	1.9	0.5	50	
67524																			
67525																			
67526																			
67527																			
67528																			
67529																			
67530	1.2	< 0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	1.1	< 0.05	0.3	< 0.001	24.0	0.04	5.7	1.9	0.5	40	
67531																			

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA
67532																			
67533																			
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Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (AQUA REGIA) Meas			< 1	0.065	24.5	0.6		0.023	1.40	2.71	0.38	11.1	0.40	3.6	31	40	847	5.34	19.5	33.1	2290	265	7.52
OREAS 922 (AQUA REGIA) Cert			0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62
OREAS 922 (AQUA REGIA) Meas			< 1	0.067	23.2	0.7		0.023	1.35	2.76	0.42	10.7	0.39	4.0	31	44	765	5.28	19.8	34.6	2290	266	7.98
OREAS 922 (AQUA REGIA) Cert			0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62
OREAS 907 (Aqua Regia) Meas		0.023	< 1	0.022	4.9	0.8		0.080	0.22	1.13	0.34	21.9	0.27	2.3	5	8	301	8.22	42.9	4.6	6390	142	15.0
OREAS 907 (Aqua Regia) Cert		0.0170	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7
OREAS 239 (Fire Assay) Meas	3.41																						
OREAS 239 (Fire Assay) Cert	3.55																						
OREAS 239 (Fire Assay) Meas	3.55																						
OREAS 239 (Fire Assay) Cert	3.55																						
OREAS 239 (Fire Assay) Meas	3.52																						
OREAS 239 (Fire Assay) Cert	3.55																						
OREAS 263 (Aqua Regia) Meas			< 1	0.044	21.0	1.1		0.081	0.63	1.86	0.35	0.58	0.94	4.1	26	53	512	3.71	32.8	72.9	91.2	123	4.53
OREAS 263 (Aqua Regia) Cert			0.126	0.0410	20.1	1.22		0.0790	0.593	1.29	0.288	0.570	1.03	3.52	22.8	48.0	490	3.68	31.0	72.0	87.0	127	4.92
OREAS 263 (Aqua Regia) Meas			< 1	0.046	21.0	1.2		0.076	0.62	1.78	0.35	0.57	1.02	3.6	25	54	498	3.87	33.1	74.7	87.4	133	5.08
OREAS 263 (Aqua Regia) Cert			0.126	0.0410	20.1	1.22		0.0790	0.593	1.29	0.288	0.570	1.03	3.52	22.8	48.0	490	3.68	31.0	72.0	87.0	127	4.92
Oreas 623 (Aqua Regia) Meas			9	0.041	9.7	0.4		0.074	1.10	1.68	0.16	18.2	1.05	4.1	15	19	594	12.9	215	12.7	> 10000	> 5000	12.3
Oreas 623 (Aqua Regia) Cert			8.75	0.0400	10.0	0.370		0.0680	1.11	1.80	0.175	16.9	1.09	4.63	15.8	19.4	570	13.0	216	15.6	17200	10100	11.9
Oreas 623 (Aqua Regia) Meas			8	0.043	9.2	0.4		0.071	1.08	1.72	0.18	17.7	1.06	3.7	15	20	563	13.1	218	16.9	> 10000	> 5000	12.3
Oreas 623 (Aqua Regia) Cert			8.75	0.0400	10.0	0.370		0.0680	1.11	1.80	0.175	16.9	1.09	4.63	15.8	19.4	570	13.0	216	15.6	17200	10100	11.9
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas	0.502																						
Oreas E1336 (Fire Assay) Cert	0.510																						
Oreas E1336 (Fire Assay) Meas	0.504																						
Oreas E1336 (Fire Assay) Cert	0.510																						

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas E1336 (Fire Assay) Meas	0.502																						
Oreas E1336 (Fire Assay) Cert	0.510																						
OREAS 216b Meas																							
OREAS 216b Cert																							
OREAS 521 (Aqua Regia) Meas		0.168	2	0.083	16.5	0.6		0.052	1.13	1.28	0.45	6.16	3.73	9.6	198	32	3180	20.2	378	72.6	6050	25.0	11.7
OREAS 521 (Aqua Regia) Cert		0.141	2	0.081	16.7	0.5		0.045	1.10	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3
OREAS 521 (Aqua Regia) Meas		0.133	2	0.080	15.8	0.5		0.046	1.08	1.27	0.48	5.90	3.65	7.9	189	32	3010	20.1	364	67.0	5710	23.1	11.4
OREAS 521 (Aqua Regia) Cert		0.141	2	0.081	16.7	0.5		0.045	1.10	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3
Oreas 620 (Aqua Regia) Meas			2	0.026	8.9	0.6		0.124	0.20	1.14	0.27	1.94	1.19		8	16	445	2.67	13.1	11.4	1740	> 5000	6.78
Oreas 620 (Aqua Regia) Cert			2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44
Oreas 620 (Aqua Regia) Meas			2	0.027	8.7	0.6		0.124	0.22	1.25	0.32	1.96	1.24		8	17	423	2.74	13.5	15.5	1780	> 5000	7.43
Oreas 620 (Aqua Regia) Cert			2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44
Oreas 610 (Aqua Regia) Meas			3	0.027	11.1	0.3		0.059	0.12	1.14	0.27	231	0.12	1.0	13	32	71	2.41	8.4	21.9	> 10000	1800	7.37
Oreas 610 (Aqua Regia) Cert			3	0.025	8.46	0.3		0.049	0.11	0.847	0.21	220	0.12	0.84	12	33	66	2.27	7.7	24.3	9720	1760	6.36
Oreas 610 (Aqua Regia) Meas			3	0.028	10.4	0.3		0.056	0.11	1.18	0.30	220	0.12	1.2	13	34	65	2.37	8.5	23.9	> 10000	1790	7.83
Oreas 610 (Aqua Regia) Cert			3	0.025	8.46	0.3		0.049	0.11	0.847	0.21	220	0.12	0.84	12	33	66	2.27	7.7	24.3	9720	1760	6.36
67340 Orig	0.174																						
67340 Dup	0.153																						
67347 Orig																							
67347 Dup																							
67350 Orig	0.379																						
67350 Dup	0.419																						
67510 Orig	0.013																						
67510 Dup	0.019																						
67525 Orig	0.017																						
67525 Dup	0.015																						
67530 Orig		0.004	< 1	0.003	8.3	0.4	6	0.062	0.41	0.33	0.16	0.59	0.47	2.0	15	19	213	1.79	11.0	25.6	31.5	9.6	1.93
67530 Dup		0.003	< 1	0.004	8.1	0.4	6	0.060	0.41	0.33	0.16	0.60	0.48	2.1	15	18	212	1.83	10.7	25.2	36.8	8.4	1.92
67531 Orig	0.218																						
67531 Split PREP DUP	0.231																						
67535 Orig	0.016																						
67535 Dup	0.017																						
67545 Orig	< 0.005																						
67545 Dup	0.005																						
70564 Orig	0.133																						
70564 Dup	0.102																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank																							
Method Blank																							

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 922 (AQUA REGIA) Meas	< 0.1	7.1	23.3	17.4	21.4	3.4	0.6	0.70	0.886	0.25	3.87	0.16		1.63	25.9	36.6	75.7	0.26	8.2	32.6	5.0	3.3	
OREAS 922 (AQUA REGIA) Cert	0.10	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44	
OREAS 922 (AQUA REGIA) Meas	< 0.1	7.1	25.1	17.9	21.1	3.4	0.4	0.73	0.928	0.24	3.76	0.19		1.71	29.9	39.8	75.9	0.28	8.8	32.6	6.3	2.5	
OREAS 922 (AQUA REGIA) Cert	0.10	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44	
OREAS 907 (Aqua Regia) Meas		38.1	19.2	13.1	7.01	7.5		5.41	1.27	2.33	2.56	0.70	0.17	1.23	245	37.7	73.6	0.53	8.4	30.2	5.6	9.2	1.0
OREAS 907 (Aqua Regia) Cert		37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 263 (Aqua Regia) Meas		30.1		20.0	12.8			0.39	0.280	0.03		1.06	0.16		147			0.27			4.2		0.7
OREAS 263 (Aqua Regia) Cert		30.8		16.9	12.0			0.570	0.285	0.0290		7.37	0.210		175			0.270			4.41		0.850
OREAS 263 (Aqua Regia) Meas		33.1		18.8	12.0			0.53	0.298	0.03		7.02	0.21		115			0.26			4.5		0.8
OREAS 263 (Aqua Regia) Cert		30.8		16.9	12.0			0.570	0.285	0.0290		7.37	0.210		175			0.270			4.41		0.850
Oreas 623 (Aqua Regia) Meas		82.5		15.7	8.88	64.2		9.08	18.9	2.05	4.35	10.4	0.61	0.74		17.4	37.8	56.5				19.5	
Oreas 623 (Aqua Regia) Cert		76.0		14.2	7.43	50.0		8.38	20.4	1.94	4.07	20.2	0.570	0.750		17.9	36.4	52.0				18.6	
Oreas 623 (Aqua Regia) Meas		84.4		15.5	8.64	64.2		9.05	19.9	1.94	4.23	11.3	0.62	0.72		18.7	38.0	52.5				21.2	
Oreas 623 (Aqua Regia) Cert		76.0		14.2	7.43	50.0		8.38	20.4	1.94	4.07	20.2	0.570	0.750		17.9	36.4	52.0				18.6	
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 216b Meas																							
OREAS 216b Cert																							
OREAS 521 (Aqua Regia) Meas	0.2	343	26.7	37.7	14.3	19.3	1.1	150	0.805	0.16	5.83	2.19	0.57	0.51		112	113					2.3	
OREAS 521 (Aqua Regia) Cert	0.3	333	31.8	54.0	15.0	38.3	0.49	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4	
OREAS 521 (Aqua Regia) Meas	0.1	336	27.5	29.8	13.7	11.0	0.7	147	0.866	0.16	5.63	3.77	0.71	0.52		114	110					2.0	
OREAS 521 (Aqua Regia) Cert	0.3	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4	
Oreas 620 (Aqua Regia) Meas		48.9		19.8	8.65	5.4		8.04	34.5	1.12	2.02	21.8		1.15	4.3	24.2	52.5	159					
Oreas 620 (Aqua Regia) Cert		47.2		19.7	6.90	57		8.97	38.4	1.07	1.95	62.0		1.22	450	25.1	51.0	161					
Oreas 620 (Aqua Regia) Meas		54.7		19.9	8.71	4.3		8.47	38.6	1.18	2.04	25.5		1.25	2.5	26.9	55.7	159					
Oreas 620 (Aqua Regia) Cert		47.2		19.7	6.90	57		8.97	38.4	1.07	1.95	62.0		1.22	450	25.1	51.0	161					
Oreas 610 (Aqua Regia) Meas		3010	9.7	46.1	3.45	12.1	< 0.1	5.10	48.1	4.05	26.1	192	45.4	0.84		6.4	15.2	13.0				28.7	
Oreas 610 (Aqua Regia) Cert		2810	7.6	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7	
Oreas 610 (Aqua Regia) Meas		3190	10.5	44.0	3.28	13.0	< 0.1	4.92	47.7	3.85	26.2	201	43.6	0.82		6.6	15.2	12.0				30.4	
Oreas 610 (Aqua Regia) Cert		2810	7.63	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7	
67340 Orig																							
67340 Dup																							
67347 Orig																							
67347 Dup																							
67350 Orig																							
67350 Dup																							
67510 Orig																							
67510 Dup																							
67525 Orig																							
67525 Dup																							
67530 Orig	< 0.1	0.8	6.7	147	1.84	40.3	< 0.1	1.08	0.132	< 0.02	0.14	0.54	0.22	0.23	7.7	9.6	22.3	0.04	2.6	11.1	1.6	1.0	0.4
67530 Dup	< 0.1	1.4	6.5	148	1.78	37.6	< 0.1	1.00	0.136	< 0.02	0.15	0.56	0.19	0.22	6.9	9.2	21.6	0.04	2.6	10.8	1.5	1.1	0.4
67531 Orig																							
67531 Split PREP DUP																							
67535 Orig																							
67535 Dup																							
67545 Orig																							
67545 Dup																							
70564 Orig																							
70564 Dup																							
Method Blank																							
Method Blank																							

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA
OREAS 922 (AQUA REGIA) Meas	5.1	0.7							< 0.1		0.6			0.14	60.6	14.9	2.3		
OREAS 922 (AQUA REGIA) Cert	4.44	0.62							0.61		1.12			0.14	60	14.5	1.98		
OREAS 922 (AQUA REGIA) Meas	4.9	0.7							< 0.1		0.7			0.14	59.6	15.9	2.2		
OREAS 922 (AQUA REGIA) Cert	4.44	0.62							0.61		1.12			0.14	60	14.5	1.98		
OREAS 907 (Aqua Regia) Meas	3.7	0.4	1.9	0.2	0.5	< 0.1	0.3	< 0.1	0.1		0.4		93.5	0.15	33.6	8.4	2.2		
OREAS 907 (Aqua Regia) Cert	3.45	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15		
OREAS 239 (Fire Assay) Meas																			
OREAS 239 (Fire Assay) Cert																			
OREAS 239 (Fire Assay) Meas																			
OREAS 239 (Fire Assay) Cert																			
OREAS 239 (Fire Assay) Meas																			
OREAS 239 (Fire Assay) Cert																			
OREAS 263 (Aqua Regia) Meas	3.7	0.4	2.4	0.5	1.3		1.0							0.56	35.2	10.3	1.3	190	
OREAS 263 (Aqua Regia) Cert	3.89	0.500	2.64	0.430	1.29		0.990							0.530	34.0	10.6	1.28	170	
OREAS 263 (Aqua Regia) Meas	3.6	0.4	2.4	0.4	1.2		0.9							0.52	34.3	11.1	1.2	230	
OREAS 263 (Aqua Regia) Cert	3.89	0.500	2.64	0.430	1.29		0.990							0.530	34.0	10.6	1.28	170	
Oreas 623 (Aqua Regia) Meas		0.3					0.8	0.1	1.6		2.4		717	0.30	2560	4.7	1.6	820	
Oreas 623 (Aqua Regia) Cert		0.340					0.800	0.120	1.32		2.62		797	0.260	2520	4.72	1.43	830	
Oreas 623 (Aqua Regia) Meas		0.4					0.8	0.1	1.6		2.5		781	0.30	2550	5.1	1.6	730	
Oreas 623 (Aqua Regia) Cert		0.340					0.800	0.120	1.32		2.62		797	0.260	2520	4.72	1.43	830	
OREAS 257b (Fire Assay) Meas																			14.6
OREAS 257b (Fire Assay) Cert																			14.220
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA
Oreas E1336 (Fire Assay) Meas																			
Oreas E1336 (Fire Assay) Cert																			
OREAS 216b Meas																			6.84
OREAS 216b Cert																			6.66
OREAS 521 (Aqua Regia) Meas		0.5					1.4	0.2	0.2		79.1		406	0.11	8.2	6.1	27.1		
OREAS 521 (Aqua Regia) Cert		0.5					1.5	0.2	1		71.0		365	0.11	9.0	7.8	28.2		
OREAS 521 (Aqua Regia) Meas		0.5					1.3	0.2	0.1		83.1		402	0.11	8.1	6.3	26.4		
OREAS 521 (Aqua Regia) Cert		0.5					1.5	0.2	1		71.0		365	0.11	9.0	7.8	28.2		
Oreas 620 (Aqua Regia) Meas		0.4					0.4	< 0.1	< 0.1		0.4		639	0.62	> 5000	7.1	2.6	2190	
Oreas 620 (Aqua Regia) Cert		0.4					0.4	0.05	1		0.8		666	0.51	7740	7.5	2.2	2140	
Oreas 620 (Aqua Regia) Meas		0.4					0.5	< 0.1	< 0.1		0.4		762	0.62	> 5000	8.0	2.7	2070	
Oreas 620 (Aqua Regia) Cert		0.4					0.4	0.05	1		0.8		666	0.51	7740	7.5	2.2	2140	
Oreas 610 (Aqua Regia) Meas									0.4		2.5			1.59	530	2.9	1.2	810	
Oreas 610 (Aqua Regia) Cert									0.4		3.6			1.49	512	3.1	1.1	800	
Oreas 610 (Aqua Regia) Meas									0.4		2.8			1.54	526	3.1	1.2	730	
Oreas 610 (Aqua Regia) Cert									0.4		3.6			1.49	512	3.1	1.1	800	
67340 Orig																			
67340 Dup																			
67347 Orig																			102
67347 Dup																			98.2
67350 Orig																			
67350 Dup																			
67510 Orig																			
67510 Dup																			
67525 Orig																			
67525 Dup																			
67530 Orig	1.2	0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	1.1	< 0.05	0.3	< 0.001	26.7	0.04	5.7	1.9	0.5	40	
67530 Dup	1.2	< 0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1	1.0	< 0.05	0.2	< 0.001	21.3	0.04	5.8	1.8	0.5	40	
67531 Orig																			
67531 Split PREP DUP																			
67535 Orig																			
67535 Dup																			
67545 Orig																			
67545 Dup																			
70564 Orig																			
70564 Dup																			
Method Blank																			

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			
Method Blank																			< 0.03
Method Blank																			< 0.03



Report No.: A22-10413
Report Date: 01-Sep-22
Date Submitted: 25-Jul-22
Your Reference: McLeod

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

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

25 Rock samples were submitted for analysis.

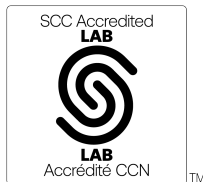
Table with 2 columns: The following analytical package(s) were requested, Testing Date. Row 1: 1A2-Timmins (10g/m t), QOP AA-Au (Au - Fire Assay AA), 2022-09-01 08:22:41

REPORT A22-10413

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Notes:

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



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 Elitsa Hrischeva

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
70568	0.017
70569	0.014
70570	0.017
70571	0.011
70572	0.851
70573	0.194
70574	0.137
70575	0.226
70576	0.126
70577	0.047
70578	0.088
70579	0.018
70580	0.014
70581	< 0.005
70582	< 0.005
70583	0.297
70584	0.020
70585	0.008
70586	0.014
70587	0.030
70588	< 0.005
70589	0.006
70590	0.035
70591	0.006
70592	< 0.005

Analyte Symbol	Au
Unit Symbol	g/mt
Lower Limit	0.005
Method Code	FA-AA
OREAS 239 (Fire Assay) Meas	3.49
OREAS 239 (Fire Assay) Cert	3.55
Oreas E1336 (Fire Assay) Meas	0.496
Oreas E1336 (Fire Assay) Cert	0.510
70577 Orig	0.040
70577 Dup	0.054
70587 Orig	0.034
70587 Dup	0.026
Method Blank	< 0.005
Method Blank	< 0.005



Report No.: A22-13354
Report Date: 21-Oct-22
Date Submitted: 16-Sep-22
Your Reference: McLeod - Gladwin (92-94)

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

ATTN: Brian Beyer

CERTIFICATE OF ANALYSIS

12 Rock samples were submitted for analysis.

Table with 2 columns: Analytical package(s) requested, Testing Date. Row 1: 1A2-Timmins (10g/m t), QOP AA-Au (Au - Fire Assay AA), 2022-10-07 16:21:50

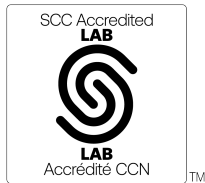
REPORT A22-13354

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 709

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Handwritten signature of Mark Vandergeest

Mark Vandergeest
Quality Control Coordinator

Report No.: A22-13354
Report Date: 21-Oct-22
Date Submitted: 16-Sep-22
Your Reference: McLeod - Gladwin (92-94)

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

ATTN: Brian Beyer

CERTIFICATE OF ANALYSIS

12 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-1-0.5g	QOP Ultratrace-1 (Aqua Regia ICPMS)	2022-10-14 16:15:03

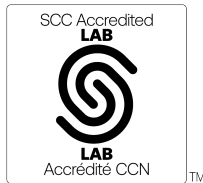
REPORT A22-13354

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
15383	< 0.005	0.032	< 1	0.159	15.1	0.1	3	0.026	0.41	0.57	0.22	0.06	0.31	1.7	17	8	209	1.10	3.4	6.9	2.1	23.5	4.51
15384	< 0.005	0.013	< 1	0.197	10.0	0.4	16	0.064	0.56	0.73	0.14	0.11	0.45	1.9	23	9	437	1.58	4.9	7.0	3.1	17.2	7.34
15385	< 0.005	0.143	< 1	0.050	44.9	0.3	4	0.059	0.68	1.19	0.72	0.18	0.30	4.9	35	36	357	2.07	9.0	23.3	15.3	52.0	7.64
15386	0.028	0.001	3	0.005	0.6	< 0.1	< 1	0.028	0.03	0.04	0.02	10.5	0.06	0.3	2	20	27	2.85	3.8	8.0	13.4	5.1	0.35
15387	0.041	< 0.001	1	0.002	< 0.1	< 0.1	< 1	0.019	< 0.01	0.02	0.01	3.30	< 0.01	< 0.1	2	16	17	1.37	2.5	3.9	4.4	1.7	0.13
15388	0.035	0.009	3	0.036	4.7	0.2	< 1	0.072	0.20	0.20	0.13	14.1	0.12	1.0	14	26	47	2.78	6.8	13.5	23.3	14.8	1.69
15389	1.14	0.002	3	0.015	1.1	0.1	< 1	0.010	0.06	0.03	0.01	181	0.07	0.2	95	29	40	6.28	27.2	21.9	420	17.8	1.19
15390	0.083	< 0.001	2	0.002	0.2	< 0.1	< 1	0.012	< 0.01	0.04	0.03	46.4	< 0.01	0.2	24	29	21	2.69	4.1	13.8	79.4	2.9	0.42
15391	0.064	< 0.001	1	0.018	0.1	< 0.1	< 1	0.011	< 0.01	0.03	0.03	6.63	0.02	< 0.1	8	30	17	1.35	0.7	6.1	47.9	2.5	0.20
15392	0.014	< 0.001	< 1	0.065	0.3	0.1	< 1	0.012	0.14	0.03	0.02	2.41	4.10	2.3	3	30	381	0.98	1.5	8.2	40.9	3.0	0.21
15393	0.016	0.005	< 1	0.051	6.8	0.2	1	0.071	0.51	0.43	0.03	2.86	0.85	1.6	53	20	141	1.93	15.3	19.7	297	12.2	3.05
15394	0.247	0.008	< 1	0.061	3.9	0.3	1	0.061	0.21	0.20	0.05	33.4	0.30	1.7	44	32	99	2.70	4.1	12.4	128	17.6	1.50

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
15383	< 0.1	0.5	9.2	12.5	12.1	3.3	0.4	0.44	0.012	< 0.02	0.47	0.02	< 0.02	0.80	85.9	3.1	7.11	0.05	1.0	4.70	1.5	< 0.1	0.2
15384	< 0.1	< 0.1	7.3	11.3	14.5	1.2	0.3	0.38	0.018	< 0.02	0.45	0.04	< 0.02	0.58	37.7	8.2	17.7	0.05	2.2	9.68	2.4	< 0.1	0.3
15385	< 0.1	< 0.1	48.7	14.8	11.1	8.7	0.9	4.30	0.074	< 0.02	1.30	< 0.02	< 0.02	3.92	73.8	55.4	96.1	< 0.01	9.8	35.0	5.5	< 0.1	0.4
15386	< 0.1	1.0	0.8	78.6	0.43	5.8	< 0.1	45.2	0.095	0.10	0.10	0.05	3.95	0.04	5.1	3.9	8.35	< 0.01	1.1	4.58	0.5	5.3	0.1
15387	< 0.1	0.4	0.2	69.3	0.08	1.3	< 0.1	48.1	0.068	0.05	0.06	0.02	2.51	< 0.02	12.6	2.1	4.44	< 0.01	0.5	2.01	0.2	2.9	< 0.1
15388	< 0.1	0.7	6.1	62.9	1.87	36.0	< 0.1	26.9	0.224	0.08	0.17	0.04	6.26	0.25	8.2	10.0	20.3	0.02	2.5	9.88	1.9	4.4	0.3
15389	< 0.1	1.1	0.8	20.3	0.85	6.2	< 0.1	2.37	2.69	0.07	0.09	0.04	8.86	0.05	6.0	8.7	17.4	0.03	2.1	8.89	1.2	2.5	0.3
15390	< 0.1	1.3	0.6	18.2	0.21	4.3	< 0.1	2.46	17.5	< 0.02	0.11	0.08	3.93	< 0.02	6.7	4.8	11.1	0.02	1.5	6.25	0.7	2.5	0.2
15391	< 0.1	1.0	0.5	22.4	0.34	2.3	< 0.1	2.77	2.38	< 0.02	0.07	0.03	0.80	< 0.02	14.5	1.4	2.95	0.01	0.4	1.74	0.4	1.0	< 0.1
15392	< 0.1	0.2	0.4	270	5.38	1.3	< 0.1	2.98	0.809	0.04	0.08	0.05	0.46	< 0.02	17.2	3.6	6.70	0.03	0.9	4.42	1.6	0.4	0.6
15393	< 0.1	0.4	1.1	79.7	2.36	10.7	< 0.1	1.68	0.369	0.02	0.12	0.04	0.61	0.08	32.5	14.0	25.8	< 0.01	3.3	12.6	2.1	0.7	0.4
15394	< 0.1	< 0.1	2.1	92.8	2.39	7.0	< 0.1	1.48	0.854	0.03	0.22	0.06	2.41	0.13	266	31.1	57.6	0.02	7.1	28.5	4.3	0.8	0.9

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
15383	1.7	0.4	2.2	0.4	1.3	0.2	1.1	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.07	4.7	1.1	2.8	30
15384	2.4	0.4	2.8	0.5	1.5	0.2	1.4	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.03	5.4	3.8	1.8	30
15385	4.5	0.6	2.7	0.4	1.1	0.1	0.7	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 0.5	0.44	14.4	48.5	3.7	20
15386	0.4	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.05	< 0.1	0.007	6.6	< 0.02	5.4	0.5	0.1	70
15387	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.041	94.5	< 0.02	2.3	0.2	< 0.1	60
15388	1.1	0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	0.8	< 0.05	0.1	0.004	21.7	0.06	17.3	2.0	0.7	70
15389	0.8	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.9	< 0.001	933	< 0.02	105	0.8	0.3	50
15390	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.05	0.4	< 0.001	58.9	0.03	682	0.5	0.1	40
15391	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	81.5	< 0.02	88.7	0.1	< 0.1	20
15392	1.5	0.2	1.2	0.2	0.4	< 0.1	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	37.7	< 0.02	24.7	0.2	0.2	40
15393	1.5	0.1	0.6	< 0.1	0.2	< 0.1	0.2	< 0.1	0.2	< 0.05	< 0.1	< 0.001	12.2	< 0.02	12.9	3.0	0.6	80
15394	2.5	0.2	0.7	< 0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.05	1.0	< 0.001	180	0.03	93.5	3.7	0.8	50

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas			< 1	0.034	15.1			0.028	0.15	4.61	0.10	0.24	0.10	36.9	187	453	395	12.8	25.4	193	333	34.7	16.9
OREAS 45d (Aqua Regia) Cert			0.045	0.035	11.9			0.031	0.144	4.86	0.097	0.30	0.089	41.50	201	467	400	13.7	26.2	176	345	30.6	17.9
OREAS 45d (Aqua Regia) Meas			< 1	0.036	15.7			0.029	0.16	4.67	0.12	0.27	0.10	37.8	178	445	388	13.0	24.1	187	345	35.2	17.5
OREAS 45d (Aqua Regia) Cert			0.045	0.035	11.9			0.031	0.144	4.86	0.097	0.30	0.089	41.50	201	467	400	13.7	26.2	176	345	30.6	17.9
OREAS 922 (AQUA REGIA) Meas			< 1	0.070	24.1	0.6		0.019	1.44	2.47	0.40	9.77	0.40	3.6	32	45	817	5.44	20.1	35.5	2330	276	7.83
OREAS 922 (AQUA REGIA) Cert			0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62
OREAS 922 (AQUA REGIA) Meas			< 1	0.066	23.5	0.6		0.019	1.31	2.53	0.40	9.28	0.35	3.3	29	41	733	4.71	18.0	31.6	2180	237	7.18
OREAS 922 (AQUA REGIA) Cert			0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62
OREAS 907 (Aqua Regia) Meas		0.021	< 1	0.026	5.6	0.9		0.094	0.23	1.07	0.36	23.3	0.27	2.2	5	9	354	9.71	48.4	4.9	6870	149	17.7
OREAS 907 (Aqua Regia) Cert		0.0170	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7
OREAS 907 (Aqua Regia) Meas		0.018	< 1	0.022	5.1	0.9		0.090	0.24	1.07	0.34	22.2	0.26	2.1	5	9	338	8.28	43.2	4.9	6600	141	16.1
OREAS 907 (Aqua Regia) Cert		0.0170	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7
OREAS 239 (Fire Assay) Meas	3.57																						
OREAS 239 (Fire Assay) Cert	3.55																						
OREAS 239 (Fire Assay) Meas	3.51																						
OREAS 239 (Fire Assay) Cert	3.55																						
OREAS 263 (Aqua Regia) Meas			< 1	0.041	19.4	1.2		0.064	0.57	1.42	0.29	0.51	0.89	3.1	23	49	464	3.60	31.5	66.0	77.8	113	5.27
OREAS 263 (Aqua Regia) Cert			0.126	0.0410	20.1	1.22		0.0790	0.593	1.29	0.288	0.570	1.03	3.52	22.8	48.0	490	3.68	31.0	72.0	87.0	127	4.92
OREAS 130 (Aqua Regia) Meas		0.031	7	0.093	32.4				0.95	1.19	0.53	3.08	1.83	3.4	34	22	1770	7.33	27.7	35.9	238	> 5000	5.05
OREAS 130 (Aqua Regia) Cert		0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78
OREAS 130 (Aqua Regia) Meas		0.026	7	0.088	28.6				0.86	0.96	0.47	3.06	1.67	3.4	34	25	1750	7.10	26.6	33.5	238	> 5000	4.46
OREAS 130 (Aqua Regia) Cert		0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78
OREAS 130 (Aqua Regia) Meas		0.025	6	0.082	28.3				0.80	1.00	0.47	3.49	1.64	3.4	33	22	1510	6.64	24.1	31.0	208	> 5000	4.28
OREAS 130 (Aqua Regia) Cert		0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78

Analyte Symbol	Au	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga
Unit Symbol	g/mt	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.005	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02
Method Code	FA-AA	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas			9	0.039	8.7	0.5		0.063	1.11	1.55	0.17	16.0	1.04	4.1	14	19	542	11.9	204	14.8	> 10000	> 5000	11.9
Oreas 623 (Aqua Regia) Cert			8.75	0.0400	10.0	0.370		0.0680	1.11	1.80	0.175	16.9	1.09	4.63	15.8	19.4	570	13.0	216	15.6	17200	10100	11.9
Oreas E1336 (Fire Assay) Meas	0.502																						
Oreas E1336 (Fire Assay) Cert	0.510																						
Oreas E1336 (Fire Assay) Meas	0.494																						
Oreas E1336 (Fire Assay) Cert	0.510																						
OREAS 521 (Aqua Regia) Meas		0.138	2	0.080	15.6	0.6		0.049	1.08	1.19	0.47	5.98	3.44	9.8	187	34	3220	20.6	392	77.1	6340	24.1	12.7
OREAS 521 (Aqua Regia) Cert		0.141	2	0.081	16.7	0.5		0.045	1.10	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3
OREAS 521 (Aqua Regia) Meas		0.120	2	0.077	14.1	0.5		0.038	0.94	1.06	0.46	5.79	3.48	8.7	191	32	3180	21.1	377	71.5	6350	26.7	12.3
OREAS 521 (Aqua Regia) Cert		0.141	2	0.081	16.7	0.5		0.045	1.1	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3
Oreas 620 (Aqua Regia) Meas			2	0.029	8.1	0.5		0.113	0.24	0.96	0.30	1.72	1.21		8	15	397	2.64	13.0	14.0	1560	> 5000	6.24
Oreas 620 (Aqua Regia) Cert			2	0.031	9.3	0.6		0.117	0.27	1.1	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44
Oreas 620 (Aqua Regia) Meas			3	0.035	9.3	0.6		0.117	0.28	1.12	0.32	1.88	1.27		8	16	429	2.60	12.9	14.4	1710	> 5000	6.83
Oreas 620 (Aqua Regia) Cert			2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44
Oreas 620 (Aqua Regia) Meas			3	0.031	8.8	0.6		0.113	0.25	1.09	0.29	1.72	1.16		7	16	413	2.49	12.6	13.3	1650	> 5000	6.73
Oreas 620 (Aqua Regia) Cert			2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44
Oreas 610 (Aqua Regia) Meas			3	0.028	10.8	0.3		0.060	0.12	1.22	0.30	233	0.12	1.1	13	35	77	2.46	8.3	26.6	> 10000	1850	8.40
Oreas 610 (Aqua Regia) Cert			3	0.025	8.46	0.3		0.049	0.11	0.847	0.21	220	0.12	0.84	12	33	66	2.27	7.7	24.3	9720	1760	6.36
Oreas 610 (Aqua Regia) Meas			3	0.026	9.1	0.2		0.053	0.11	1.04	0.26	196	0.11	1.0	12	33	64	2.13	7.4	22.9	9470	1580	7.15
Oreas 610 (Aqua Regia) Cert			3	0.025	8.5	0.3		0.049	0.11	0.847	0.21	220	0.12	0.8	12	33	66	2.27	7.7	24.3	9720	1760	6.36
15384 Orig		0.013	< 1	0.195	10.6	0.4	16	0.067	0.56	0.75	0.14	0.11	0.45	1.9	23	10	441	1.63	5.1	7.1	3.1	17.5	7.55
15384 Dup		0.013	< 1	0.198	9.5	0.4	16	0.061	0.55	0.71	0.15	0.11	0.45	2.0	23	9	433	1.54	4.7	7.0	3.1	16.9	7.12
15391 Orig	0.057																						
15391 Dup	0.070																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank	< 0.005																						
Method Blank		< 0.001	< 1	< 0.001	0.1	< 0.1	1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	0.2	< 1	1	< 1	< 0.01	< 0.1	< 0.1	< 0.2	< 0.1	< 0.02
Method Blank		< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	0.1	< 1	1	< 1	< 0.01	< 0.1	< 0.1	< 0.2	< 0.1	0.04
Method Blank		< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	1	< 1	< 0.01	< 0.1	0.1	< 0.2	0.8	< 0.02
Method Blank		< 0.001	< 1	< 0.001	< 0.1	< 0.1	3	0.010	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	2	< 1	< 0.01	< 0.1	< 0.1	< 0.2	0.5	0.12
Method Blank		< 0.001	< 1	0.001	< 0.1	< 0.1	1	0.006	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	< 1	< 1	< 0.01	< 0.1	< 0.1	0.3	< 0.1	0.05

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas		5.2	19.4	11.9	4.10					0.09	1.67				76.4	10.7	22.7						
OREAS 45d (Aqua Regia) Cert		6.50	20.9	11.0	5.08					0.085	1.95				80	9.96	24.8						
OREAS 45d (Aqua Regia) Meas		5.2	20.1	11.7	4.22					0.08	1.94				71.1	11.3	24.1						
OREAS 45d (Aqua Regia) Cert		6.50	20.9	11.0	5.08					0.085	1.95				80	9.96	24.8						
OREAS 922 (AQUA REGIA) Meas	< 0.1	6.4	22.1	14.7	17.7	31.2	0.4	0.71	0.887	0.23	4.03	0.76		1.82	72.2	38.1	69.2	0.22	8.2	31.1	5.3	2.4	
OREAS 922 (AQUA REGIA) Cert	0.10	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44	
OREAS 922 (AQUA REGIA) Meas	< 0.1	6.5	21.2	15.5	17.1	31.0	0.4	0.71	0.909	0.24	3.93	0.59		1.72	69.2	36.3	66.1	0.31	7.7	29.1	4.3	2.8	
OREAS 922 (AQUA REGIA) Cert	0.10	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44	
OREAS 907 (Aqua Regia) Meas		40.5	22.2	13.9	7.66	27.1		6.45	1.37	2.30	2.92	2.46	0.29	1.51	261	39.0	83.6	0.58	8.9	33.4	5.6	10.0	1.0
OREAS 907 (Aqua Regia) Cert		37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950
OREAS 907 (Aqua Regia) Meas		38.2	18.2	11.8	7.02	25.2		5.60	1.26	2.54	2.63	2.34	0.25	1.40	229	38.7	70.0	0.59	7.9	29.5	4.3	9.4	1.0
OREAS 907 (Aqua Regia) Cert		37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 263 (Aqua Regia) Meas		28.0		16.3	10.7			0.56	0.274	0.03		5.57	0.20		171		0.29				3.8		0.7
OREAS 263 (Aqua Regia) Cert		30.8		16.9	12.0			0.570	0.285	0.0290		7.37	0.210		175		0.270				4.41		0.850
OREAS 130 (Aqua Regia) Meas		217	41.1	20.7	12.9	24.2		8.11	6.08	0.20		4.10	0.16	2.81		23.7	49.5	30.0	5.6				
OREAS 130 (Aqua Regia) Cert		205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93				
OREAS 130 (Aqua Regia) Meas		208	39.2	18.5	12.0	31.4		8.09	5.98	0.20		4.34	0.21	2.66		23.7	47.4	30.0	5.7				
OREAS 130 (Aqua Regia) Cert		205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93				
OREAS 130 (Aqua Regia) Meas		210	38.9	18.1	11.3	28.9		6.76	5.47	0.19		4.34	0.20	2.68		24.3	46.9	26.7	5.7				
OREAS 130 (Aqua Regia) Cert		205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93				

Analyte Symbol	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu
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	0.1	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas		79.1		12.2	7.64	72.4		9.06	18.7	1.93	3.74	19.4	0.57	0.72		17.2	32.2	49.7				19.4	
Oreas 623 (Aqua Regia) Cert		76.0		14.2	7.43	50.0		8.38	20.4	1.94	4.07	20.2	0.570	0.750		17.9	36.4	52.0				18.6	
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 521 (Aqua Regia) Meas	0.3	347	32.0	37.6	14.3	45.9	0.7	156	0.896	0.17	6.22	3.88	0.86	0.54		124	125					1.8	
OREAS 521 (Aqua Regia) Cert	0.3	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4	
OREAS 521 (Aqua Regia) Meas	0.1	352	28.2	28.3	14.3	52.1	0.7	147	0.867	0.17	5.72	4.04	0.86	0.49		120	109					2.2	
OREAS 521 (Aqua Regia) Cert	0.3	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4	
Oreas 620 (Aqua Regia) Meas		47.6		18.7	7.29	16.7		8.86	36.1	1.01	2.07	55.8		1.16	10.0	24.0	52.5	158					
Oreas 620 (Aqua Regia) Cert		47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	450	25.1	51.0	161					
Oreas 620 (Aqua Regia) Meas		49.8		17.9	6.90	63.5		8.52	35.7	1.06	1.94	61.5		1.14	11.0	25.2	48.0	156					
Oreas 620 (Aqua Regia) Cert		47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	447	25.1	51.0	161					
Oreas 620 (Aqua Regia) Meas		47.5		16.6	6.69	67.1		8.49	35.1	1.09	1.97	62.5		1.15	11.2	25.5	46.7	144					
Oreas 620 (Aqua Regia) Cert		47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	447	25.1	51.0	161					
Oreas 610 (Aqua Regia) Meas		3180	9.7	47.3	3.38	11.9	0.2	5.22	51.2	4.04	26.3	282	42.8	0.87		6.8	15.7	12.2				29.5	
Oreas 610 (Aqua Regia) Cert		2810	7.6	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7	
Oreas 610 (Aqua Regia) Meas		2850	9.4	39.0	2.97	13.5	0.2	4.39	45.4	3.92	24.5	257	42.5	0.80		7.1	15.1	11.5				28.8	
Oreas 610 (Aqua Regia) Cert		2810	7.6	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7	
15384 Orig	< 0.1	< 0.1	7.5	11.3	14.5	1.1	0.3	0.42	0.018	< 0.02	0.46	0.04	0.03	0.61	39.3	8.1	17.6	0.05	2.2	9.44	2.5	0.2	0.3
15384 Dup	< 0.1	< 0.1	7.1	11.2	14.5	1.3	0.3	0.34	0.018	< 0.02	0.43	0.03	< 0.02	0.56	36.1	8.4	17.9	0.04	2.3	9.92	2.4	< 0.1	0.3
15391 Orig																							
15391 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	0.06	0.03	< 0.02	< 0.02	1.9	< 0.5	< 0.01	0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02	0.02	< 0.02	1.6	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	0.3	< 0.1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.01	< 0.002	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	1.6	< 0.5	0.03	< 0.01	< 0.1	< 0.02	< 0.1	0.6	< 0.1
Method Blank	< 0.1	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	< 0.05	0.02	< 0.02	< 0.02	3.3	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	0.1	< 0.1
Method Blank	< 0.1	0.2	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	2.2	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas													19.1		16.8	10.7	1.4	
OREAS 45d (Aqua Regia) Cert													21		17.0	11.3	1.64	
OREAS 45d (Aqua Regia) Meas													21.4		16.9	10.6	1.4	
OREAS 45d (Aqua Regia) Cert													21		17.0	11.3	1.64	
OREAS 922 (AQUA REGIA) Meas	4.7	0.7							0.6		1.3			0.18	60.9	16.6	2.2	
OREAS 922 (AQUA REGIA) Cert	4.44	0.62							0.61		1.12			0.14	60	14.5	1.98	
OREAS 922 (AQUA REGIA) Meas	4.1	0.6							0.6		1.2			0.18	59.9	14.6	1.9	
OREAS 922 (AQUA REGIA) Cert	4.44	0.62							0.61		1.12			0.14	60	14.5	1.98	
OREAS 907 (Aqua Regia) Meas	3.9	0.4	1.9	0.3	0.5	< 0.1	0.3	< 0.1	0.5		1.0		103	0.15	36.9	9.4	2.4	
OREAS 907 (Aqua Regia) Cert	3.45	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15	
OREAS 907 (Aqua Regia) Meas	3.9	0.4	1.7	0.2	0.4	< 0.1	0.3	< 0.1	0.4		0.7		107	0.15	34.0	8.8	2.3	
OREAS 907 (Aqua Regia) Cert	3.45	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15	
OREAS 239 (Fire Assay) Meas																		
OREAS 239 (Fire Assay) Cert																		
OREAS 239 (Fire Assay) Meas																		
OREAS 239 (Fire Assay) Cert																		
OREAS 263 (Aqua Regia) Meas	3.5	0.4	2.4	0.5	1.1		0.9							0.52	31.1	10.5	1.2	180
OREAS 263 (Aqua Regia) Cert	3.89	0.500	2.64	0.430	1.29		0.990							0.530	34.0	10.6	1.28	170
OREAS 130 (Aqua Regia) Meas	3.5			0.5				0.2	0.7		1.3			4.78	1310	10.2	8.3	690
OREAS 130 (Aqua Regia) Cert	3.53			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670
OREAS 130 (Aqua Regia) Meas	3.2			0.4				0.2	0.8		1.3			5.91	1310	9.7	7.8	730
OREAS 130 (Aqua Regia) Cert	3.53			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670
OREAS 130 (Aqua Regia) Meas	3.2			0.4				0.1	0.7		1.1			5.76	1260	9.3	7.4	680
OREAS 130 (Aqua Regia) Cert	3.53			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670

Analyte Symbol	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas		0.3					0.8	0.1	1.5		3.2		821	0.35	2400	4.5	1.4	760
Oreas 623 (Aqua Regia) Cert		0.340					0.800	0.120	1.32		2.62		797	0.260	2520	4.72	1.43	830
Oreas E1336 (Fire Assay) Meas																		
Oreas E1336 (Fire Assay) Cert																		
Oreas E1336 (Fire Assay) Meas																		
Oreas E1336 (Fire Assay) Cert																		
OREAS 521 (Aqua Regia) Meas		0.5					1.4	0.2	1.1		77.7		378	0.11	9.2	7.0	27.4	
OREAS 521 (Aqua Regia) Cert		0.5					1.5	0.2	1.0		71.0		365	0.11	9.0	7.8	28.2	
OREAS 521 (Aqua Regia) Meas		0.5					1.5	0.2	1.1		72.6		380	0.11	9.0	6.6	25.6	
OREAS 521 (Aqua Regia) Cert		0.5					1.5	0.2	1.0		71.0		365	0.11	9.0	7.8	28.2	
Oreas 620 (Aqua Regia) Meas		0.4					0.4	< 0.1	0.2		0.7		669	0.68	> 5000	7.0	2.1	1910
Oreas 620 (Aqua Regia) Cert		0.4					0.4	0.05	1		0.8		666	0.51	7740	7.5	2.2	2140
Oreas 620 (Aqua Regia) Meas		0.4					0.4	< 0.1	1.2		0.9		680	0.81	> 5000	7.2	2.2	2290
Oreas 620 (Aqua Regia) Cert		0.4					0.4	0.05	1.4		0.8		666	0.51	7740	7.5	2.2	2140
Oreas 620 (Aqua Regia) Meas		0.4					0.4	< 0.1	1.3		0.7		695	0.78	> 5000	6.7	2.1	2030
Oreas 620 (Aqua Regia) Cert		0.4					0.4	0.05	1.4		0.8		666	0.51	7740	7.5	2.2	2140
Oreas 610 (Aqua Regia) Meas									0.4		3.5			1.54	536	3.0	1.1	810
Oreas 610 (Aqua Regia) Cert									0.4		3.6			1.49	512	3.1	1.1	800
Oreas 610 (Aqua Regia) Meas									0.4		3.3			1.48	475	2.9	1.0	820
Oreas 610 (Aqua Regia) Cert									0.4		3.6			1.49	512	3.1	1.1	800
15384 Orig	2.4	0.5	2.9	0.5	1.5	0.2	1.3	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	0.04	5.5	3.9	1.8	20
15384 Dup	2.3	0.4	2.7	0.5	1.6	0.2	1.4	0.2	< 0.1	< 0.05	0.1	< 0.001	< 0.5	0.03	5.2	3.8	1.7	30
15391 Orig																		
15391 Dup																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank																		
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	50
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	< 0.02	0.2	< 0.1	< 0.1	50
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	< 0.02	< 0.1	< 0.1	< 0.1	40
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	60
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	30



Report No.: A22-13357
Report Date: 21-Oct-22
Date Submitted: 16-Sep-22
Your Reference: McLoad - Egan

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

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

Table with 2 columns: The following analytical package(s) were requested, Testing Date. Row 1: UT-1-30g, QOP Ultratrace-1 (Aqua Regia ICPMS)

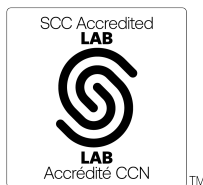
REPORT A22-13357

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 266

ACTIVATION LABORATORIES LTD.
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CERTIFIED BY:

Handwritten signature of Mark Vandergeest

Mark Vandergeest
Quality Control Coordinator

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

**Report No.: A22-13357
Report Date: 21-Oct-22
Date Submitted: 16-Sep-22
Your Reference: McLoad - Egan**

ATTN: Randall Salo

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Timmins	QOP AA-Au (Au - Fire Assay AA)	
1A3-Timmins	QOP AA-Au (Au - Fire Assay Gravimetric)	2022-10-12 08:38:09

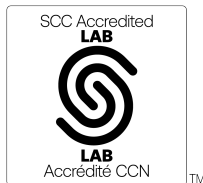
REPORT **A22-13357**

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

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



LabID: 709

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CERTIFIED BY:

Mark Vandergeest

Mark Vandergeest
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A22-13357

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
70069	0.003	1	0.023	4.8	0.2	1	0.029	0.43	0.24	0.02	0.87	2.16	1.5	21	12	238	1.63	12.4	16.4	85.6	13.1	1.88	< 0.1
70070																							
70071																							
70072	0.007	< 1	0.056	2.4	0.3	1	0.066	0.30	0.20	0.02	2.11	1.45	1.4	113	17	248	4.58	22.5	29.8	774	15.8	1.70	< 0.1
70073																							
70074																							
70075																							
70076																							
70077																							
70078																							
70079																							
70080																							
70081																							
70082																							
70083																							
70084																							
70085																							
70086																							
70087																							
70088	< 0.001	< 1	0.017	< 0.1	< 0.1	< 1	0.009	< 0.01	0.02	0.01	4.63	0.05	0.4	5	23	24	1.01	0.5	4.3	25.6	2.7	0.10	< 0.1
70089	< 0.001	2	0.052	3.1	< 0.1	< 1	0.020	0.16	0.23	0.07	7.04	0.22	0.9	18	26	79	2.70	13.9	14.3	44.0	8.3	1.79	< 0.1
67236																							
67237																							
67238																							
67239																							
67240																							
67241																							
67242																							
67243																							

Results

Activation Laboratories Ltd.

Report: A22-13357

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
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	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
70069	0.9	0.5	124	2.80	13.9	< 0.1	1.09	0.277	< 0.02	0.11	0.04	0.22	0.07	17.0	5.6	11.2	0.03	1.5	5.82	0.9	0.3	0.3	1.1
70070																							
70071																							
70072	0.8	0.7	136	2.53	8.4	< 0.1	1.10	0.714	< 0.02	0.21	0.06	0.29	0.03	28.5	7.8	15.2	0.04	1.9	7.61	1.3	0.3	0.3	1.0
70073																							
70074																							
70075																							
70076																							
70077																							
70078																							
70079																							
70080																							
70081																							
70082																							
70083																							
70084																							
70085																							
70086																							
70087																							
70088	0.6	0.3	25.2	0.80	3.2	< 0.1	1.91	0.877	< 0.02	0.09	0.05	0.76	< 0.02	24.7	7.6	13.9	< 0.01	1.7	6.69	0.9	0.9	0.2	0.6
70089	3.0	1.3	28.0	2.13	25.4	< 0.1	2.49	1.07	0.03	0.13	0.14	1.43	0.03	9.7	13.9	28.7	0.02	3.7	14.5	2.2	0.9	0.5	1.6
67236																							
67237																							
67238																							
67239																							
67240																							
67241																							
67242																							
67243																							

Results

Activation Laboratories Ltd.

Report: A22-13357

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne	g/mt
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03	0.005
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA	FA-AA
70069	0.1	0.5	< 0.1	0.2	< 0.1	0.2	< 0.1	0.3	< 0.05	1.6	< 0.001	188	< 0.02	13.6	0.9	0.2	50		0.163
70070																			0.572
70071																			0.140
70072	0.1	0.5	< 0.1	0.2	< 0.1	0.2	< 0.1	< 0.1	< 0.05	10.2	< 0.001	347	< 0.02	23.9	2.8	0.6	50		0.238
70073																			0.958
70074																			0.018
70075																		15.3	> 10.0
70076																			1.65
70077																			0.026
70078																			7.17
70079																			0.119
70080																			2.17
70081																			0.143
70082																			0.062
70083																			0.304
70084																			0.303
70085																			0.070
70086																			0.032
70087																			0.010
70088	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	26.1	< 0.02	41.6	0.9	1.0	40		0.035
70089	0.1	0.5	< 0.1	0.2	< 0.1	0.2	< 0.1	0.6	< 0.05	0.1	< 0.001	114	< 0.02	26.9	2.0	1.6	30		0.124
67236																			0.054
67237																		65.3	> 10.0
67238																			7.68
67239																		10.3	> 10.0
67240																			1.26
67241																			1.47
67242																			2.51
67243																			0.172

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas		< 1	0.034	15.1			0.028	0.15	4.61	0.10	0.24	0.10	36.9	187	453	395	12.8	25.4	193	333	34.7	16.9	
OREAS 45d (Aqua Regia) Cert		0.045	0.035	11.9			0.031	0.144	4.86	0.097	0.30	0.089	41.50	201	467	400	13.7	26.2	176	345	30.6	17.9	
OREAS 45d (Aqua Regia) Meas		< 1	0.036	15.7			0.029	0.16	4.67	0.12	0.27	0.10	37.8	178	445	388	13.0	24.1	187	345	35.2	17.5	
OREAS 45d (Aqua Regia) Cert		0.045	0.035	11.9			0.031	0.144	4.86	0.097	0.30	0.089	41.50	201	467	400	13.7	26.2	176	345	30.6	17.9	
OREAS 922 (AQUA REGIA) Meas		< 1	0.070	24.1	0.6		0.019	1.44	2.47	0.40	9.77	0.40	3.6	32	45	817	5.44	20.1	35.5	2330	276	7.83	< 0.1
OREAS 922 (AQUA REGIA) Cert		0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62	0.10
OREAS 922 (AQUA REGIA) Meas		< 1	0.066	23.5	0.6		0.019	1.31	2.53	0.40	9.28	0.35	3.3	29	41	733	4.71	18.0	31.6	2180	237	7.18	< 0.1
OREAS 922 (AQUA REGIA) Cert		0.386	0.063	22.8	0.65		0.021	1.33	2.72	0.376	10.3	0.324	3.15	29.4	40.7	730	5.05	19.4	34.3	2176	256	7.62	0.10
OREAS 907 (Aqua Regia) Meas	0.021	< 1	0.026	5.6	0.9		0.094	0.23	1.07	0.36	23.3	0.27	2.2	5	9	354	9.71	48.4	4.9	6870	149	17.7	
OREAS 907 (Aqua Regia) Cert	0.0170	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7	
OREAS 907 (Aqua Regia) Meas	0.018	< 1	0.022	5.1	0.9		0.090	0.24	1.07	0.34	22.2	0.26	2.1	5	9	338	8.28	43.2	4.9	6600	141	16.1	
OREAS 907 (Aqua Regia) Cert	0.0170	0.0660	0.0240	4.05	0.870		0.0860	0.221	0.945	0.286	22.3	0.280	2.16	5.12	8.59	330	8.18	43.7	4.74	6370	139	14.7	
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 263 (Aqua Regia) Meas		< 1	0.041	19.4	1.2		0.064	0.57	1.42	0.29	0.51	0.89	3.1	23	49	464	3.60	31.5	66.0	77.8	113	5.27	
OREAS 263 (Aqua Regia) Cert		0.126	0.0410	20.1	1.22		0.0790	0.593	1.29	0.288	0.570	1.03	3.52	22.8	48.0	490	3.68	31.0	72.0	87.0	127	4.92	
OREAS 130 (Aqua Regia) Meas	0.031	7	0.093	32.4				0.95	1.19	0.53	3.08	1.83	3.4	34	22	1770	7.33	27.7	35.9	238	> 5000	5.05	
OREAS 130 (Aqua Regia) Cert	0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78	
OREAS 130 (Aqua Regia) Meas	0.026	7	0.088	28.6				0.86	0.96	0.47	3.06	1.67	3.4	34	25	1750	7.10	26.6	33.5	238	> 5000	4.46	
OREAS 130 (Aqua Regia) Cert	0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78	
OREAS 130 (Aqua Regia) Meas	0.025	6	0.082	28.3				0.80	1.00	0.47	3.49	1.64	3.4	33	22	1510	6.64	24.1	31.0	208	> 5000	4.28	
OREAS 130 (Aqua Regia) Cert	0.0270	6.02	0.0860	29.9				0.892	1.10	0.500	3.05	1.81	3.42	33.1	23.2	1630	7.27	27.1	35.2	226	16900	4.78	

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas		10	0.044	9.0	0.4		0.072	1.13	1.79	0.18	18.9	1.12	4.7	15	19	618	13.5	240	17.1	> 10000	> 5000	13.5	
Oreas 623 (Aqua Regia) Cert		8.75	0.0400	10.0	0.370		0.0680	1.11	1.80	0.175	16.9	1.09	4.63	15.8	19.4	570	13.0	216	15.6	17200	10100	11.9	
Oreas 623 (Aqua Regia) Meas		9	0.039	8.7	0.5		0.063	1.11	1.55	0.17	16.0	1.04	4.1	14	19	542	11.9	204	14.8	> 10000	> 5000	11.9	
Oreas 623 (Aqua Regia) Cert		8.75	0.0400	10.0	0.370		0.0680	1.11	1.80	0.175	16.9	1.09	4.63	15.8	19.4	570	13.0	216	15.6	17200	10100	11.9	
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 216b Meas																							
OREAS 216b Cert																							
OREAS 521 (Aqua Regia) Meas	0.138	2	0.080	15.6	0.6		0.049	1.08	1.19	0.47	5.98	3.44	9.8	187	34	3220	20.6	392	77.1	6340	24.1	12.7	0.3
OREAS 521 (Aqua Regia) Cert	0.141	2	0.081	16.7	0.5		0.045	1.10	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3	0.3
OREAS 521 (Aqua Regia) Meas	0.120	2	0.077	14.1	0.5		0.038	0.94	1.06	0.46	5.79	3.48	8.7	191	32	3180	21.1	377	71.5	6350	26.7	12.3	0.1
OREAS 521 (Aqua Regia) Cert	0.141	2	0.081	16.7	0.5		0.045	1.1	1.44	0.53	5.84	3.66	10	200	33	3000	20.0	374	68.0	5990	23.6	14.3	0.3
Oreas 620 (Aqua Regia) Meas		2	0.029	8.1	0.5		0.113	0.24	0.96	0.30	1.72	1.21		8	15	397	2.64	13.0	14.0	1560	> 5000	6.24	
Oreas 620 (Aqua Regia) Cert		2	0.031	9.3	0.6		0.117	0.27	1.1	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44	
Oreas 620 (Aqua Regia) Meas		3	0.035	9.3	0.6		0.117	0.28	1.12	0.32	1.88	1.27		8	16	429	2.60	12.9	14.4	1710	> 5000	6.83	
Oreas 620 (Aqua Regia) Cert		2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44	
Oreas 620 (Aqua Regia) Meas		3	0.031	8.8	0.6		0.113	0.25	1.09	0.29	1.72	1.16		7	16	413	2.49	12.6	13.3	1650	> 5000	6.73	
Oreas 620 (Aqua Regia) Cert		2	0.031	9.3	0.6		0.117	0.27	1.12	0.31	1.88	1.29		7	17	414	2.58	12.2	14.4	1750	31200	6.44	
Oreas 610 (Aqua Regia) Meas		3	0.028	10.8	0.3		0.060	0.12	1.22	0.30	233	0.12	1.1	13	35	77	2.46	8.3	26.6	> 10000	1850	8.40	
Oreas 610 (Aqua Regia) Cert		3	0.025	8.46	0.3		0.049	0.11	0.847	0.21	220	0.12	0.84	12	33	66	2.27	7.7	24.3	9720	1760	6.36	
Oreas 610 (Aqua Regia) Meas		3	0.026	9.1	0.2		0.053	0.11	1.04	0.26	196	0.11	1.0	12	33	64	2.13	7.4	22.9	9470	1580	7.15	
Oreas 610 (Aqua Regia) Cert		3	0.025	8.5	0.3		0.049	0.11	0.847	0.21	220	0.12	0.8	12	33	66	2.27	7.7	24.3	9720	1760	6.36	
70075 Orig																							
70075 Dup																							
70085 Orig																							
70085 Dup																							
70088 Orig	< 0.001	< 1	0.016	< 0.1	< 0.1	< 1	0.010	< 0.01	0.02	0.01	4.59	0.05	0.4	5	24	25	1.02	0.5	4.5	25.8	3.0	0.08	< 0.1

Analyte Symbol	Ti	S	P	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge
Unit Symbol	%	%	%	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	1	0.001	0.1	0.1	1	0.001	0.01	0.01	0.01	0.02	0.01	0.1	1	1	1	0.01	0.1	0.1	0.2	0.1	0.02	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
70088 Dup	< 0.001	< 1	0.017	< 0.1	< 0.1	1	0.009	< 0.01	0.02	0.01	4.67	0.05	0.5	4	21	24	0.99	0.5	4.1	25.4	2.3	0.11	< 0.1
67238 Orig																							
67238 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.001	< 1	< 0.001	0.1	< 0.1	1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	0.2	< 1	1	< 1	< 0.01	< 0.1	< 0.1	< 0.2	< 0.1	< 0.02	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	0.1	< 1	1	< 1	< 0.01	< 0.1	< 0.1	< 0.2	< 0.1	0.04	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	< 1	0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	1	< 1	< 0.01	< 0.1	0.1	< 0.2	0.8	< 0.02	< 0.1
Method Blank	< 0.001	< 1	< 0.001	< 0.1	< 0.1	3	0.010	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	2	< 1	< 0.01	< 0.1	< 0.1	< 0.2	0.5	0.12	< 0.1
Method Blank	< 0.001	< 1	0.001	< 0.1	< 0.1	1	0.006	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1	1	< 1	< 1	< 0.01	< 0.1	< 0.1	0.3	< 0.1	0.05	< 0.1

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
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	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.01	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
OREAS 45d (Aqua Regia) Meas	5.2	19.4	11.9	4.10					0.09	1.67				76.4	10.7	22.7							
OREAS 45d (Aqua Regia) Cert	6.50	20.9	11.0	5.08					0.085	1.95				80	9.96	24.8							
OREAS 45d (Aqua Regia) Meas	5.2	20.1	11.7	4.22					0.08	1.94				71.1	11.3	24.1							
OREAS 45d (Aqua Regia) Cert	6.50	20.9	11.0	5.08					0.085	1.95				80	9.96	24.8							
OREAS 922 (AQUA REGIA) Meas	6.4	22.1	14.7	17.7	31.2	0.4	0.71	0.887	0.23	4.03	0.76		1.82	72.2	38.1	69.2	0.22	8.2	31.1	5.3	2.4		4.7
OREAS 922 (AQUA REGIA) Cert	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44		4.44
OREAS 922 (AQUA REGIA) Meas	6.5	21.2	15.5	17.1	31.0	0.4	0.71	0.909	0.24	3.93	0.59		1.72	69.2	36.3	66.1	0.31	7.7	29.1	4.3	2.8		4.1
OREAS 922 (AQUA REGIA) Cert	6.12	22.7	15.0	16.0	22.3	0.35	0.69	0.851	0.24	3.83	0.57		1.76	70	32.5	63	0.28	7.33	27.5	4.98	3.44		4.44
OREAS 907 (Aqua Regia) Meas	40.5	22.2	13.9	7.66	27.1		6.45	1.37	2.30	2.92	2.46	0.29	1.51	261	39.0	83.6	0.58	8.9	33.4	5.6	10.0	1.0	3.9
OREAS 907 (Aqua Regia) Cert	37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950	3.45
OREAS 907 (Aqua Regia) Meas	38.2	18.2	11.8	7.02	25.2		5.60	1.26	2.54	2.63	2.34	0.25	1.40	229	38.7	70.0	0.59	7.9	29.5	4.3	9.4	1.0	3.9
OREAS 907 (Aqua Regia) Cert	37.0	16.7	11.7	6.52	43.7		5.64	1.30	2.35	2.34	2.28	0.230	1.17	225	36.1	73.0	0.540	7.36	27.8	4.79	9.05	0.950	3.45
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 239 (Fire Assay) Meas																							
OREAS 239 (Fire Assay) Cert																							
OREAS 263 (Aqua Regia) Meas	28.0		16.3	10.7			0.56	0.274	0.03		5.57	0.20		171			0.29			3.8		0.7	3.5
OREAS 263 (Aqua Regia) Cert	30.8		16.9	12.0			0.570	0.285	0.0290		7.37	0.210		175			0.270			4.41		0.850	3.89
OREAS 130 (Aqua Regia) Meas	217	41.1	20.7	12.9	24.2		8.11	6.08	0.20		4.10	0.16	2.81		23.7	49.5	30.0	5.6					3.5
OREAS 130 (Aqua Regia) Cert	205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93					3.53
OREAS 130 (Aqua Regia) Meas	208	39.2	18.5	12.0	31.4		8.09	5.98	0.20		4.34	0.21	2.66		23.7	47.4	30.0	5.7					3.2
OREAS 130 (Aqua Regia) Cert	205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93					3.53
OREAS 130 (Aqua Regia) Meas	210	38.9	18.1	11.3	28.9		6.76	5.47	0.19		4.34	0.20	2.68		24.3	46.9	26.7	5.7					3.2
OREAS 130 (Aqua Regia) Cert	205	41.6	23.2	13.0	19.0		8.25	6.27	0.200		4.69	0.170	2.96		26.4	54.0	28.8	5.93					3.53

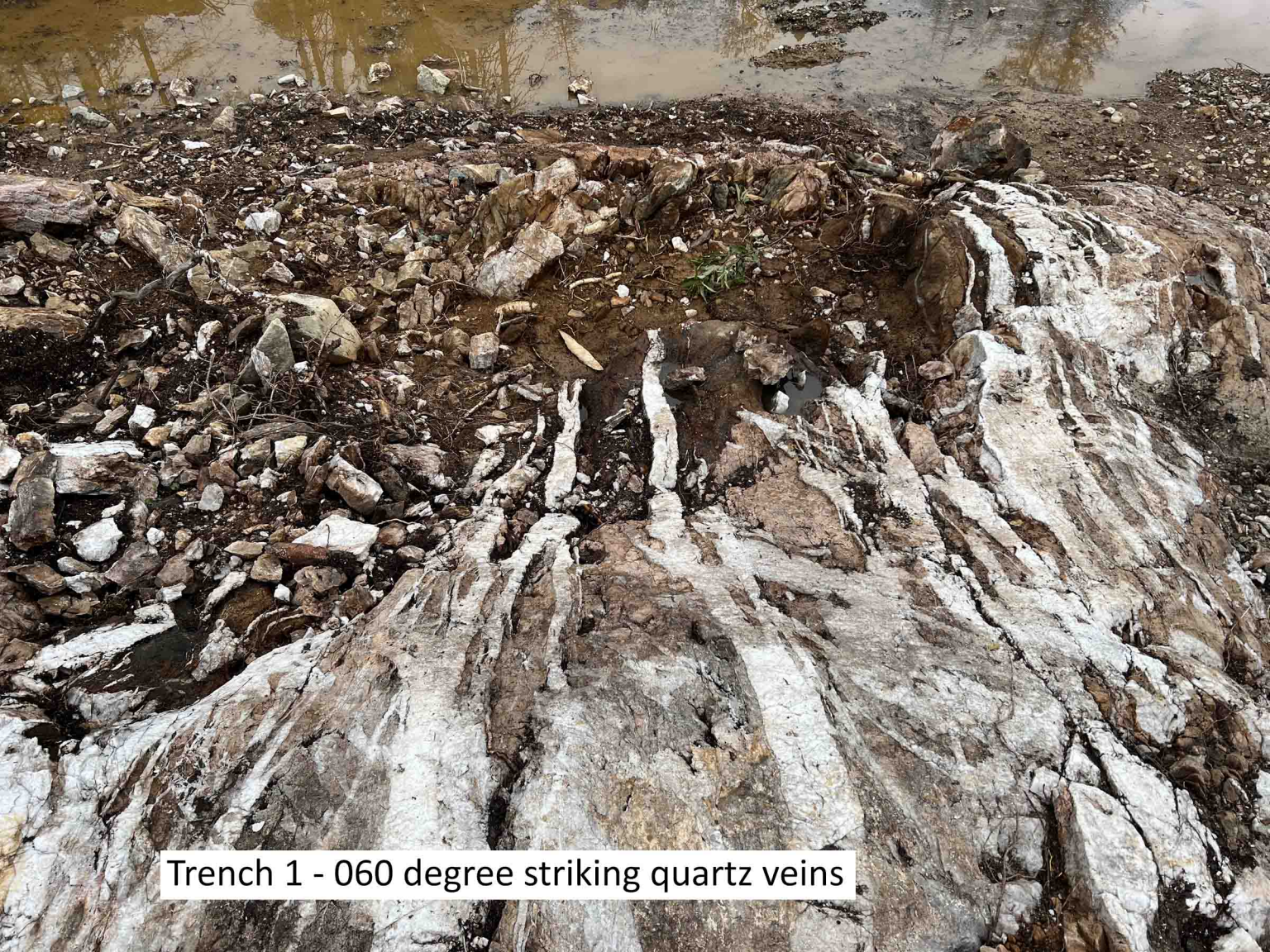
Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Oreas 623 (Aqua Regia) Meas	84.2		15.5	8.62	59.4		9.88	20.9	2.12	4.22	19.5	0.53	0.77		18.1	37.2	54.7				20.0		
Oreas 623 (Aqua Regia) Cert	76.0		14.2	7.43	50.0		8.38	20.4	1.94	4.07	20.2	0.570	0.750		17.9	36.4	52.0				18.6		
Oreas 623 (Aqua Regia) Meas	79.1		12.2	7.64	72.4		9.06	18.7	1.93	3.74	19.4	0.57	0.72		17.2	32.2	49.7				19.4		
Oreas 623 (Aqua Regia) Cert	76.0		14.2	7.43	50.0		8.38	20.4	1.94	4.07	20.2	0.570	0.750		17.9	36.4	52.0				18.6		
OREAS 257b (Fire Assay) Meas																							
OREAS 257b (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 216b Meas																							
OREAS 216b Cert																							
OREAS 521 (Aqua Regia) Meas	347	32.0	37.6	14.3	45.9	0.7	156	0.896	0.17	6.22	3.88	0.86	0.54		124	125					1.8		
OREAS 521 (Aqua Regia) Cert	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4		
OREAS 521 (Aqua Regia) Meas	352	28.2	28.3	14.3	52.1	0.7	147	0.867	0.17	5.72	4.04	0.86	0.49		120	109					2.2		
OREAS 521 (Aqua Regia) Cert	333	31.8	54.0	15.0	38.3	0.5	133	0.817	0.17	5.78	3.65	0.74	0.55		147	121					2.4		
Oreas 620 (Aqua Regia) Meas	47.6		18.7	7.29	16.7		8.86	36.1	1.01	2.07	55.8		1.16	10.0	24.0	52.5	158						
Oreas 620 (Aqua Regia) Cert	47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	450	25.1	51.0	161						
Oreas 620 (Aqua Regia) Meas	49.8		17.9	6.90	63.5		8.52	35.7	1.06	1.94	61.5		1.14	11.0	25.2	48.0	156						
Oreas 620 (Aqua Regia) Cert	47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	447	25.1	51.0	161						
Oreas 620 (Aqua Regia) Meas	47.5		16.6	6.69	67.1		8.49	35.1	1.09	1.97	62.5		1.15	11.2	25.5	46.7	144						
Oreas 620 (Aqua Regia) Cert	47.2		19.7	6.90	57.0		8.97	38.4	1.07	1.95	62.0		1.22	447	25.1	51.0	161						
Oreas 610 (Aqua Regia) Meas	3180	9.7	47.3	3.38	11.9	0.2	5.22	51.2	4.04	26.3	282	42.8	0.87		6.8	15.7	12.2				29.5		
Oreas 610 (Aqua Regia) Cert	2810	7.6	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7		
Oreas 610 (Aqua Regia) Meas	2850	9.4	39.0	2.97	13.5	0.2	4.39	45.4	3.92	24.5	257	42.5	0.80		7.1	15.1	11.5				28.8		
Oreas 610 (Aqua Regia) Cert	2810	7.6	38.6	3.09	11.1	0.2	4.47	48.4	3.76	24.8	265	41.7	0.74		6.7	13.7	12.3				27.7		
70075 Orig																							
70075 Dup																							
70085 Orig																							
70085 Dup																							
70088 Orig	0.6	0.3	25.5	0.79	3.3	< 0.1	2.05	0.890	< 0.02	0.09	0.05	0.71	< 0.02	23.8	7.6	13.7	< 0.01	1.6	6.73	0.7	0.8	0.2	0.6

Analyte Symbol	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Te	Cs	Ba	La	Ce	Cd	Pr	Nd	Sm	Se	Eu	Gd
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	0.1	0.1	0.5	0.01	0.1	0.1	0.01	0.002	0.02	0.05	0.02	0.02	0.02	0.5	0.5	0.01	0.01	0.1	0.02	0.1	0.1	0.1	0.1
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
70088 Dup	0.7	0.3	24.8	0.81	3.2	< 0.1	1.77	0.863	< 0.02	0.08	0.05	0.81	< 0.02	25.7	7.7	14.2	0.01	1.7	6.64	1.1	1.0	0.2	0.6
67238 Orig																							
67238 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	0.06	0.03	< 0.02	< 0.02	1.9	< 0.5	< 0.01	0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	< 0.01	< 0.002	< 0.02	< 0.05	< 0.02	0.02	< 0.02	1.6	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	0.3	< 0.1	< 0.1
Method Blank	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.01	< 0.002	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	1.6	< 0.5	0.03	< 0.01	< 0.1	< 0.02	< 0.1	0.6	< 0.1	< 0.1
Method Blank	< 0.1	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	< 0.05	0.02	< 0.02	< 0.02	3.3	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	0.1	< 0.1	< 0.1
Method Blank	0.2	< 0.1	< 0.5	< 0.01	< 0.1	< 0.1	0.02	< 0.002	< 0.02	< 0.05	< 0.02	< 0.02	< 0.02	2.2	< 0.5	< 0.01	< 0.01	< 0.1	< 0.02	< 0.1	< 0.1	< 0.1	< 0.1

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne	g/mt
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03	0.005
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA	FA-AA
OREAS 45d (Aqua Regia) Meas												19.1		16.8	10.7	1.4			
OREAS 45d (Aqua Regia) Cert												21		17.0	11.3	1.64			
OREAS 45d (Aqua Regia) Meas												21.4		16.9	10.6	1.4			
OREAS 45d (Aqua Regia) Cert												21		17.0	11.3	1.64			
OREAS 922 (AQUA REGIA) Meas	0.7							0.6		1.3			0.18	60.9	16.6	2.2			
OREAS 922 (AQUA REGIA) Cert	0.62							0.61		1.12			0.14	60	14.5	1.98			
OREAS 922 (AQUA REGIA) Meas	0.6							0.6		1.2			0.18	59.9	14.6	1.9			
OREAS 922 (AQUA REGIA) Cert	0.62							0.61		1.12			0.14	60	14.5	1.98			
OREAS 907 (Aqua Regia) Meas	0.4	1.9	0.3	0.5	< 0.1	0.3	< 0.1	0.5		1.0		103	0.15	36.9	9.4	2.4			
OREAS 907 (Aqua Regia) Cert	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15			
OREAS 907 (Aqua Regia) Meas	0.4	1.7	0.2	0.4	< 0.1	0.3	< 0.1	0.4		0.7		107	0.15	34.0	8.8	2.3			
OREAS 907 (Aqua Regia) Cert	0.430	1.63	0.210	0.430	0.0490	0.290	0.0390	1.09		0.980		101	0.120	34.1	8.04	2.15			
OREAS 239 (Fire Assay) Meas																			3.57
OREAS 239 (Fire Assay) Cert																			3.55
OREAS 239 (Fire Assay) Meas																			3.51
OREAS 239 (Fire Assay) Cert																			3.55
OREAS 263 (Aqua Regia) Meas	0.4	2.4	0.5	1.1		0.9							0.52	31.1	10.5	1.2	180		
OREAS 263 (Aqua Regia) Cert	0.500	2.64	0.430	1.29		0.990							0.530	34.0	10.6	1.28	170		
OREAS 130 (Aqua Regia) Meas			0.5				0.2	0.7		1.3			4.78	1310	10.2	8.3	690		
OREAS 130 (Aqua Regia) Cert			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670		
OREAS 130 (Aqua Regia) Meas			0.4				0.2	0.8		1.3			5.91	1310	9.7	7.8	730		
OREAS 130 (Aqua Regia) Cert			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670		
OREAS 130 (Aqua Regia) Meas			0.4				0.1	0.7		1.1			5.76	1260	9.3	7.4	680		
OREAS 130			0.480				0.150	0.610		1.40			5.92	1300	10.3	8.36	670		

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne	g/mt
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03	0.005
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA	FA-AA
(Aqua Regia) Cert																			
Oreas 623 (Aqua Regia) Meas	0.4					0.8	0.1	1.5		2.4		851	0.28	2540	4.8	1.5	770		
Oreas 623 (Aqua Regia) Cert	0.340					0.800	0.120	1.32		2.62		797	0.260	2520	4.72	1.43	830		
Oreas 623 (Aqua Regia) Meas	0.3					0.8	0.1	1.5		3.2		821	0.35	2400	4.5	1.4	760		
Oreas 623 (Aqua Regia) Cert	0.340					0.800	0.120	1.32		2.62		797	0.260	2520	4.72	1.43	830		
OREAS 257b (Fire Assay) Meas																		13.8	
OREAS 257b (Fire Assay) Cert																		14.220	
Oreas E1336 (Fire Assay) Meas																			0.502
Oreas E1336 (Fire Assay) Cert																			0.510
Oreas E1336 (Fire Assay) Meas																			0.494
Oreas E1336 (Fire Assay) Cert																			0.510
OREAS 216b Meas																		6.50	
OREAS 216b Cert																		6.66	
OREAS 521 (Aqua Regia) Meas	0.5					1.4	0.2	1.1		77.7		378	0.11	9.2	7.0	27.4			
OREAS 521 (Aqua Regia) Cert	0.5					1.5	0.2	1.0		71.0		365	0.11	9.0	7.8	28.2			
OREAS 521 (Aqua Regia) Meas	0.5					1.5	0.2	1.1		72.6		380	0.11	9.0	6.6	25.6			
OREAS 521 (Aqua Regia) Cert	0.5					1.5	0.2	1.0		71.0		365	0.11	9.0	7.8	28.2			
Oreas 620 (Aqua Regia) Meas	0.4					0.4	< 0.1	0.2		0.7		669	0.68	> 5000	7.0	2.1	1910		
Oreas 620 (Aqua Regia) Cert	0.4					0.4	0.05	1		0.8		666	0.51	7740	7.5	2.2	2140		
Oreas 620 (Aqua Regia) Meas	0.4					0.4	< 0.1	1.2		0.9		680	0.81	> 5000	7.2	2.2	2290		
Oreas 620 (Aqua Regia) Cert	0.4					0.4	0.05	1.4		0.8		666	0.51	7740	7.5	2.2	2140		
Oreas 620 (Aqua Regia) Meas	0.4					0.4	< 0.1	1.3		0.7		695	0.78	> 5000	6.7	2.1	2030		
Oreas 620 (Aqua Regia) Cert	0.4					0.4	0.05	1.4		0.8		666	0.51	7740	7.5	2.2	2140		
Oreas 610 (Aqua Regia) Meas								0.4		3.5			1.54	536	3.0	1.1	810		
Oreas 610 (Aqua Regia) Cert								0.4		3.6			1.49	512	3.1	1.1	800		
Oreas 610 (Aqua Regia) Meas								0.4		3.3			1.48	475	2.9	1.0	820		
Oreas 610 (Aqua Regia) Cert								0.4		3.6			1.49	512	3.1	1.1	800		
70075 Orig																			> 10.0
70075 Dup																			> 10.0
70085 Orig																			0.047

Analyte Symbol	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	Au	Au
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	g/tonne	g/mt
Lower Limit	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.001	0.5	0.02	0.1	0.1	0.1	10	0.03	0.005
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FA- GRA	FA-AA
70085 Dup																			0.093
70088 Orig	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	17.4	< 0.02	41.2	0.9	1.0	40		
70088 Dup	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	34.7	< 0.02	42.0	0.9	1.0	40		
67238 Orig																			7.53
67238 Dup																			7.82
Method Blank																			< 0.005
Method Blank																			< 0.005
Method Blank																			< 0.005
Method Blank																			< 0.005
Method Blank																			< 0.03
Method Blank																			< 0.03
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	50		
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.9	< 0.02	0.2	< 0.1	< 0.1	50		
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	0.5	< 0.02	< 0.1	< 0.1	< 0.1	40		
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	60		
Method Blank	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 0.5	< 0.02	< 0.1	< 0.1	< 0.1	30		



Trench 1 - 060 degree striking quartz veins



125 degree striking quartz vein - Trench 3



Trench 3 west porphyry contact



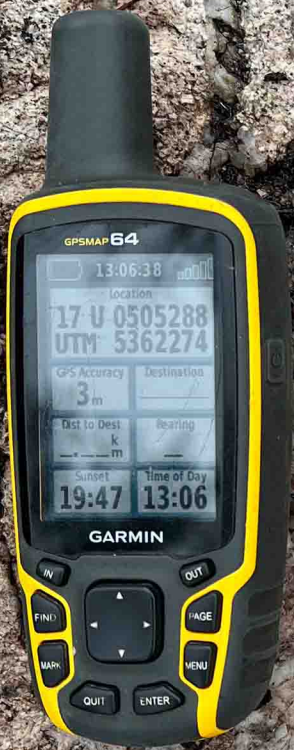
East Trench - 090 striking quartz veins

Trench 1

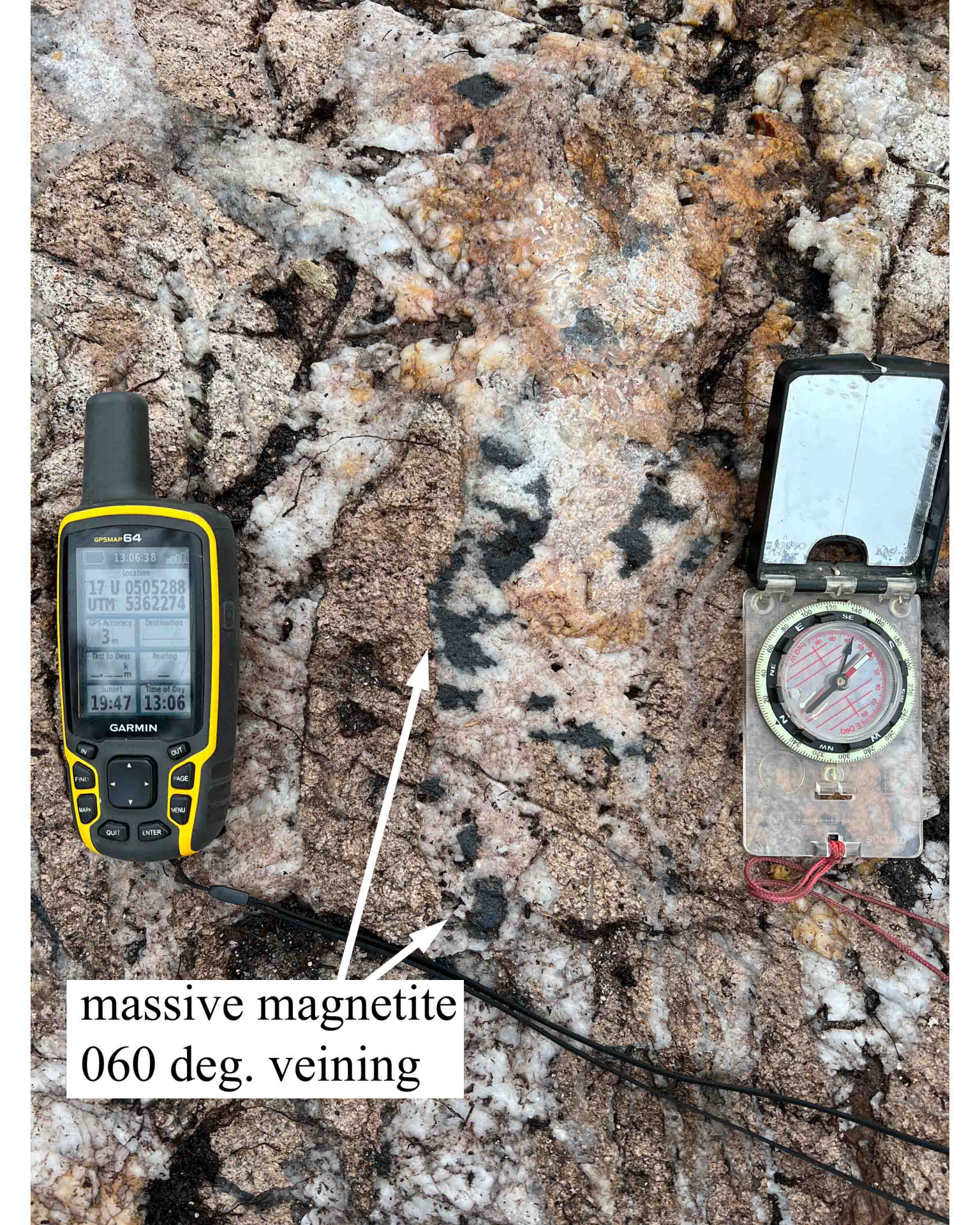




massive magnetite
060 deg. veining



massive magnetite
060 deg. veining



massive magnetite
125 deg. quartz vein





67312 - 0.139 g/t Au



67313 - 0.258 g/t Au



67315 - 0.405 g/t Au



67317 - 0.456 g/t Au



67321 - 0.256 g/t Au

SGS
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www.ca.sgs.com
00067321
Project Name
Date



67337 - 0.121 g/t Au

SGS Mineral Services
www.ca.sgs.com



67340 - 0.163 g/t Au

SGS
SGS Mineral Services
www.ca.sgs.com
00067340
Project Name: _____
Date: _____



67343 - 0.321 g/t Au

00067343
Project Name: _____
Date: _____
Analysis Required: _____



67346 - 0.472 g/t Au

SGS
SGS Mineral Services
www.ca.sgs.com

00067346



67347 - 100 g/t Au

SGS
SGS Mineral Services
www.ca.sgs.com

00067347
Project Name: _____
Date: _____
Required: _____



67348 - 0.834 g/t Au

SGS

SGS Mineral Services
www.ca.sgs.com



00067348



67349 - 0.670 g/t Au

SGS

SGS Mineral Services
www.ca.sgs.com



00067349

Project Name: _____

Date: _____

Analysis Required: _____



SGS

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00067350

Project Name: _____

Date: _____

Analysis Required: _____

Comments: _____

67350 - 0.399 g/t Au



SGS

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67527 - 0.155 g/t Au



67529 - 0.376 g/t Au

SGS
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www.ca.sgs.com
00067529
Project Name: _____
Date: _____
Analysis Required: _____



67531 - 0.218 g/t Au

SGS
SGS Mineral Services
www.ca.sgs.com
00067531
Project Name: _____
Date: _____



SGS

SGS Mineral Services
www.ca.sgs.com



00070564

Project Name: _____

Date: _____

Analysis Required: _____

Comments: _____

70564 - 0.117 g/t Au



70572 - 0.851 g/t Au

Project Name: _____



70573 - 0.194 g/t Au

SGS Mineral Services
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70574 - 0.137 g/t Au

Project name: _____



70575 - 0.226 g/t Au

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00070575



70575 - 0.226 g/t Au

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00070575



70583 - 0.297 g/t Au



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1.14 g/t Au



0.163 g/t Au



0.572 g/t Au

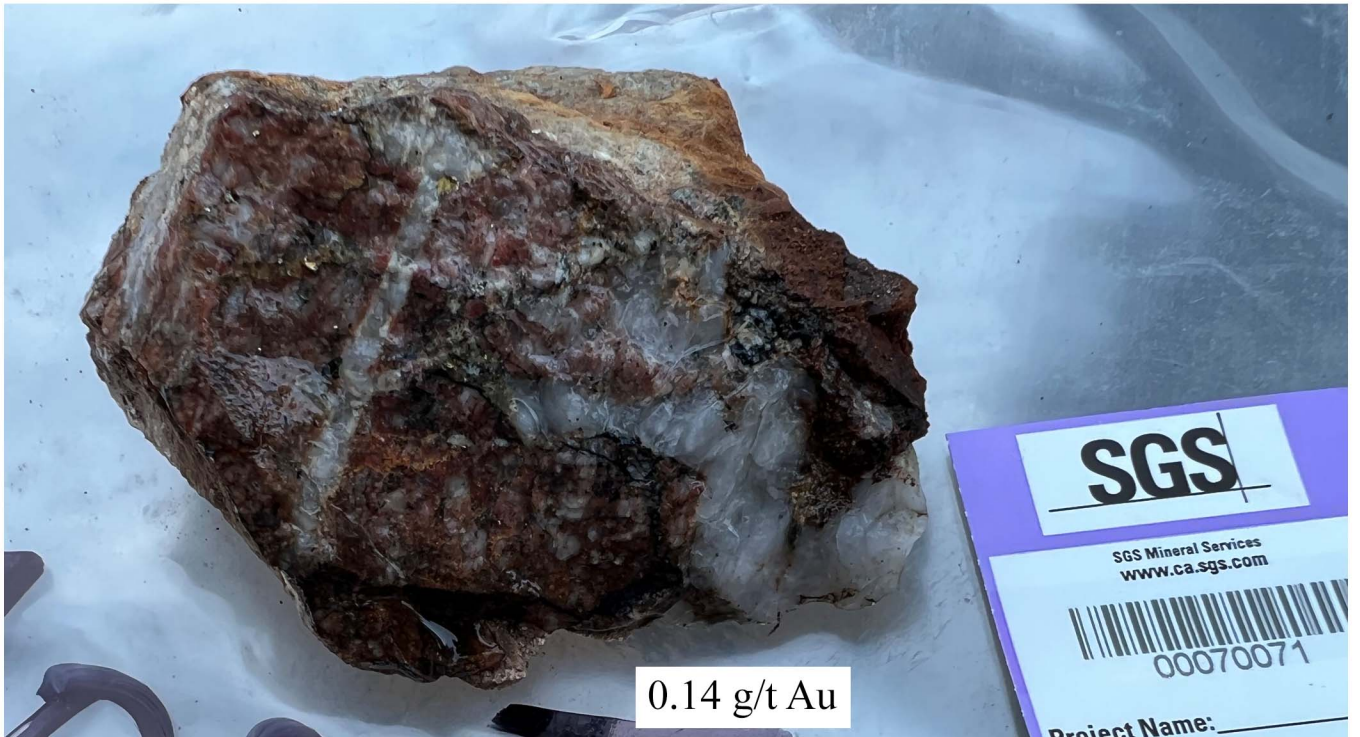
SGS

SGS Mineral Services
www.ca.sgs.com

00070070

Project Name: _____

Date: _____



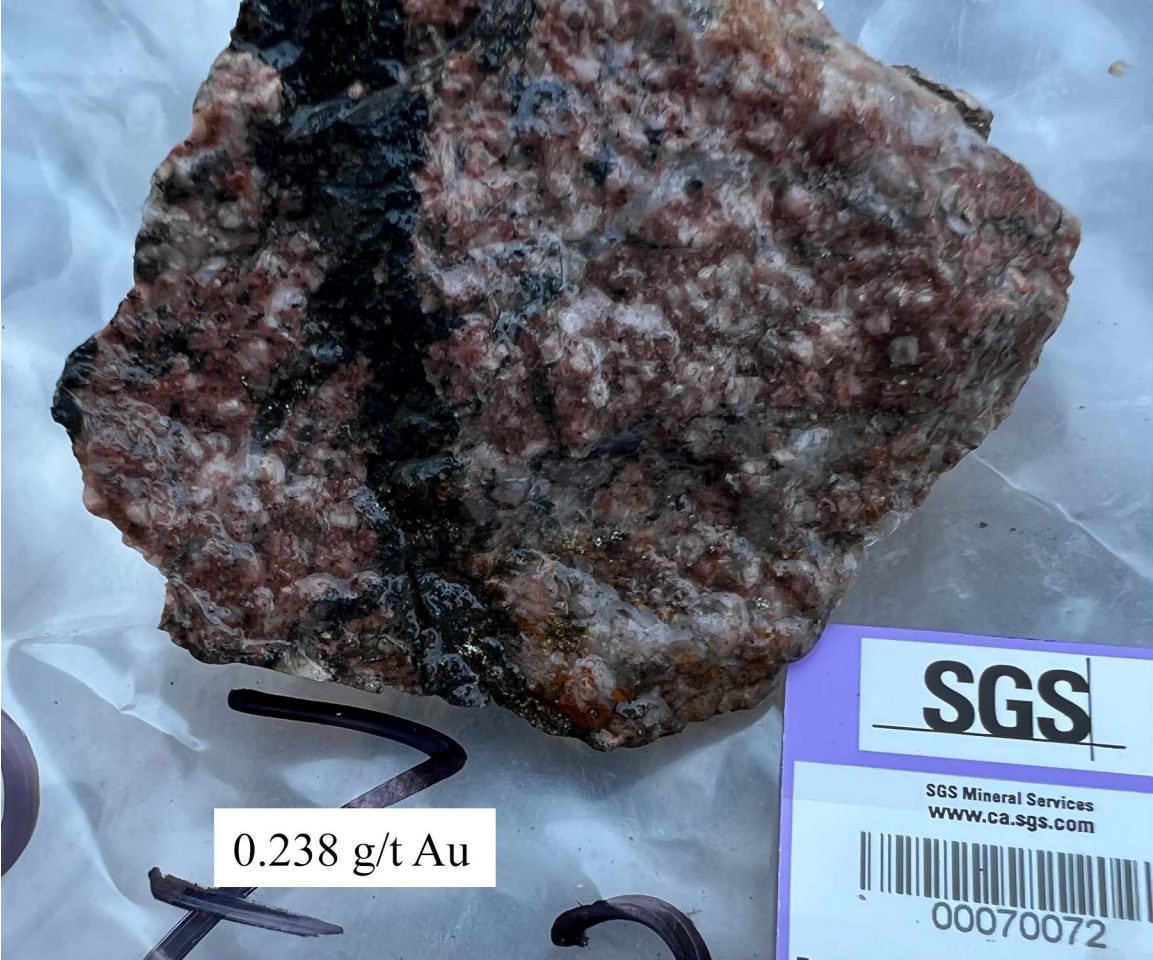
0.14 g/t Au

SGS

SGS Mineral Services
www.ca.sgs.com

00070071

Project Name: _____



0.238 g/t Au

SGS
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00070072



0.958 g/t Au

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00070073



15.3 g/t Au

SGS

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00070075

Project Name: _____



1.65 g/t Au

SGS

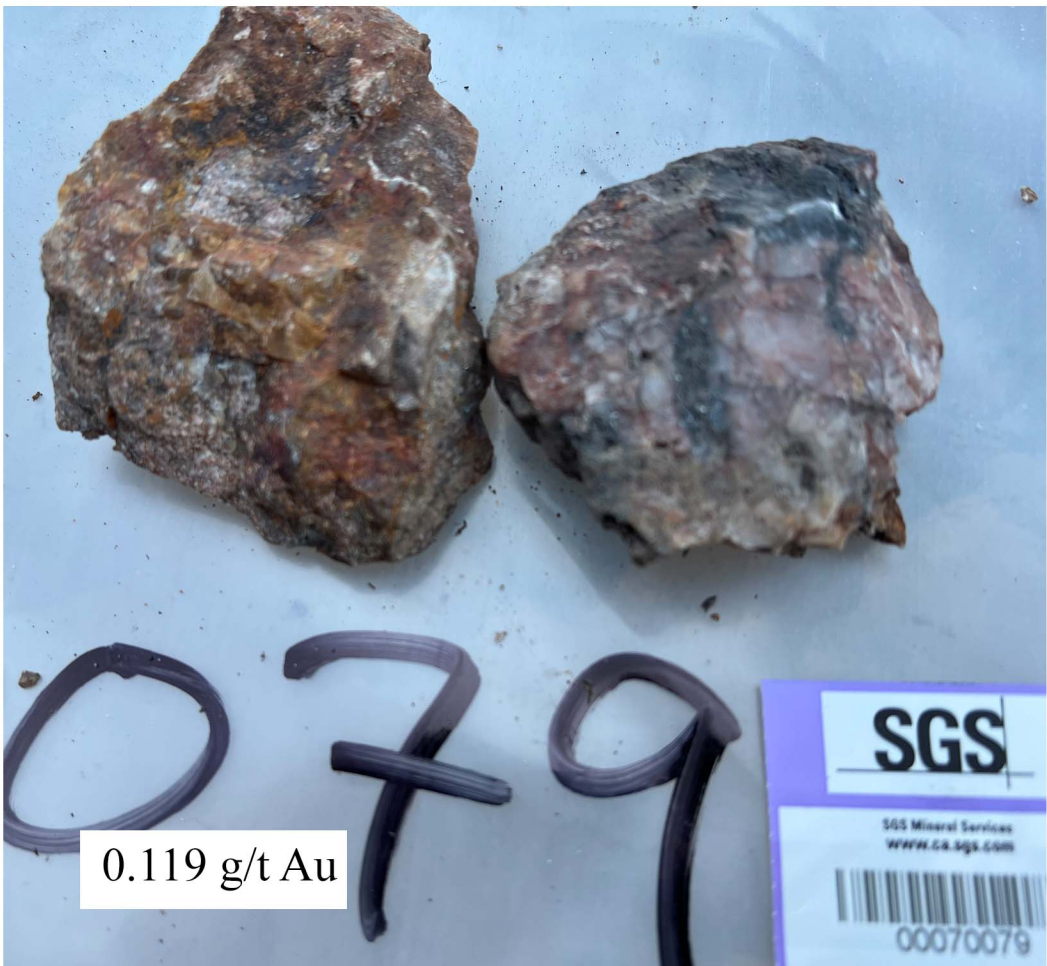
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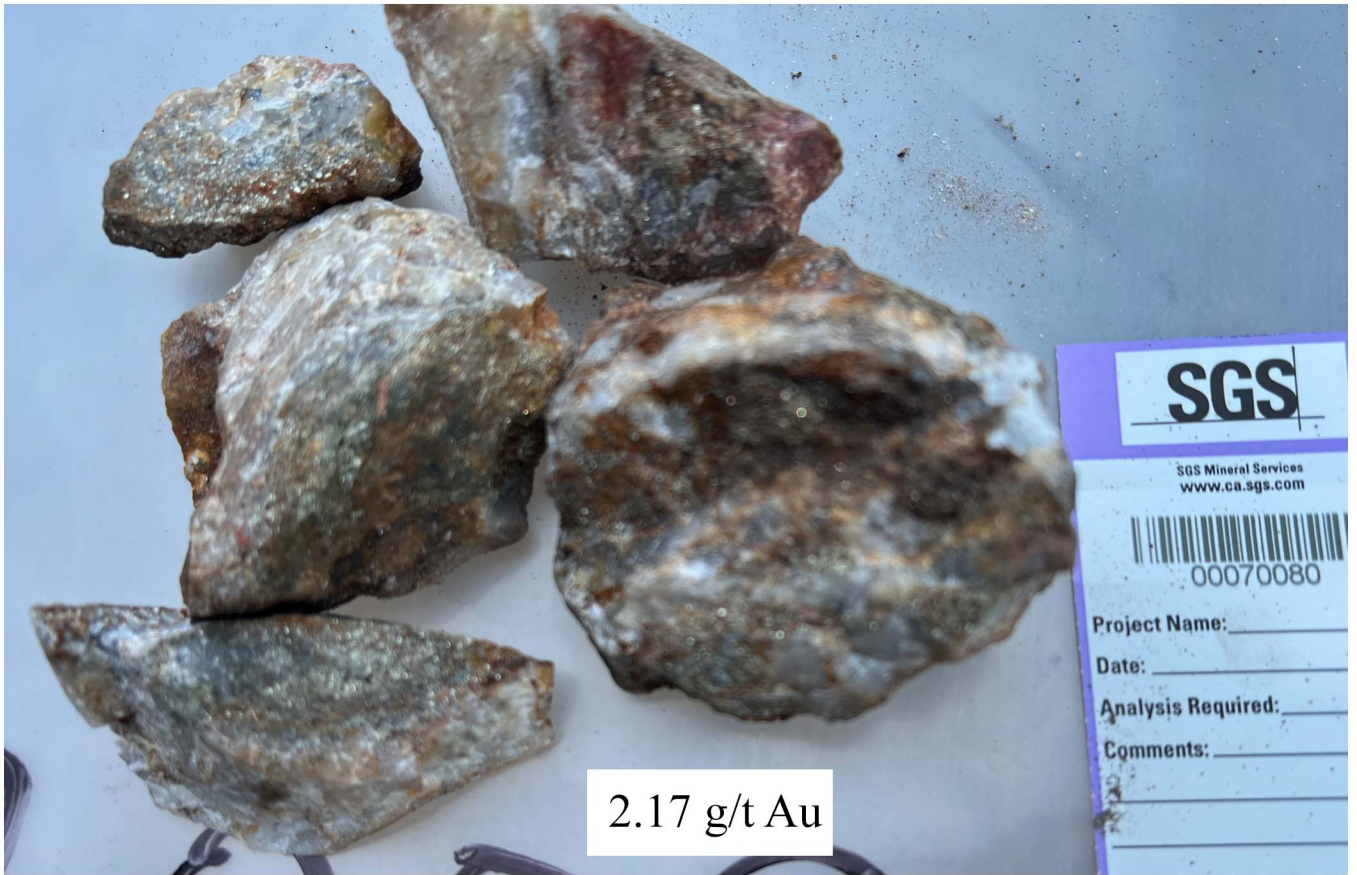
00070076



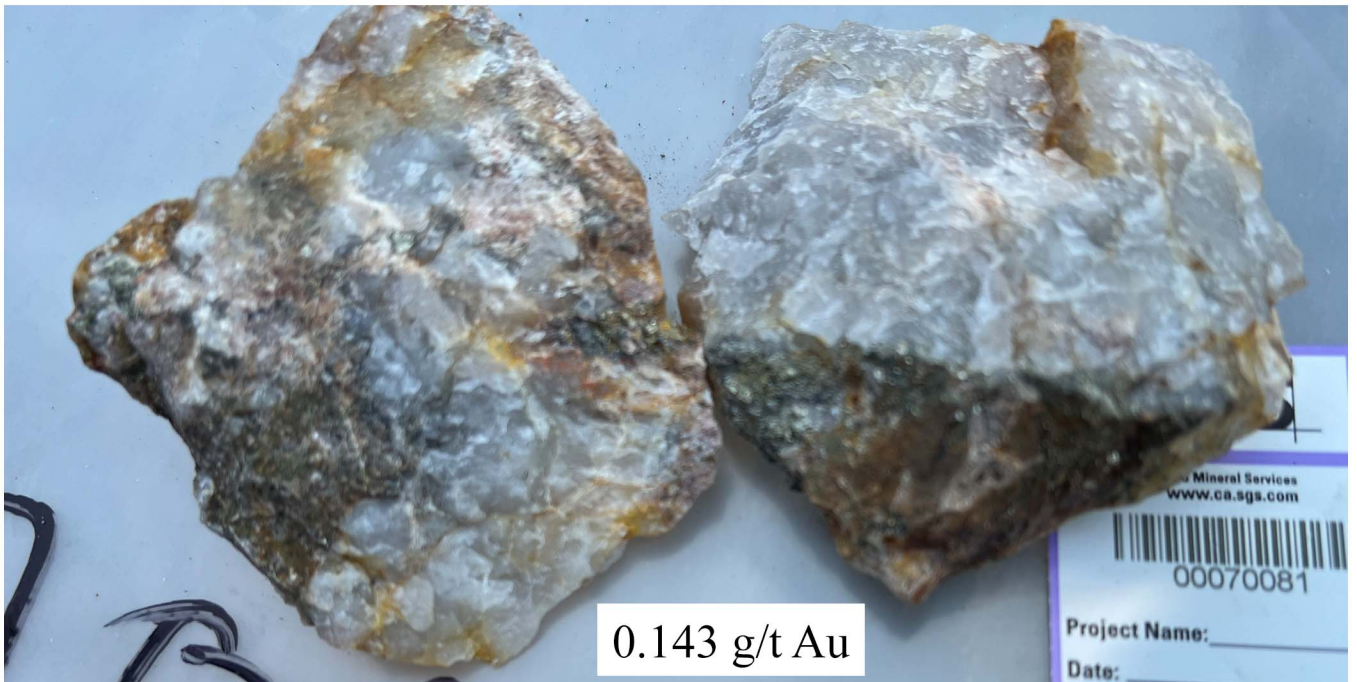
7.17 g/t Au



0.119 g/t Au



2.17 g/t Au

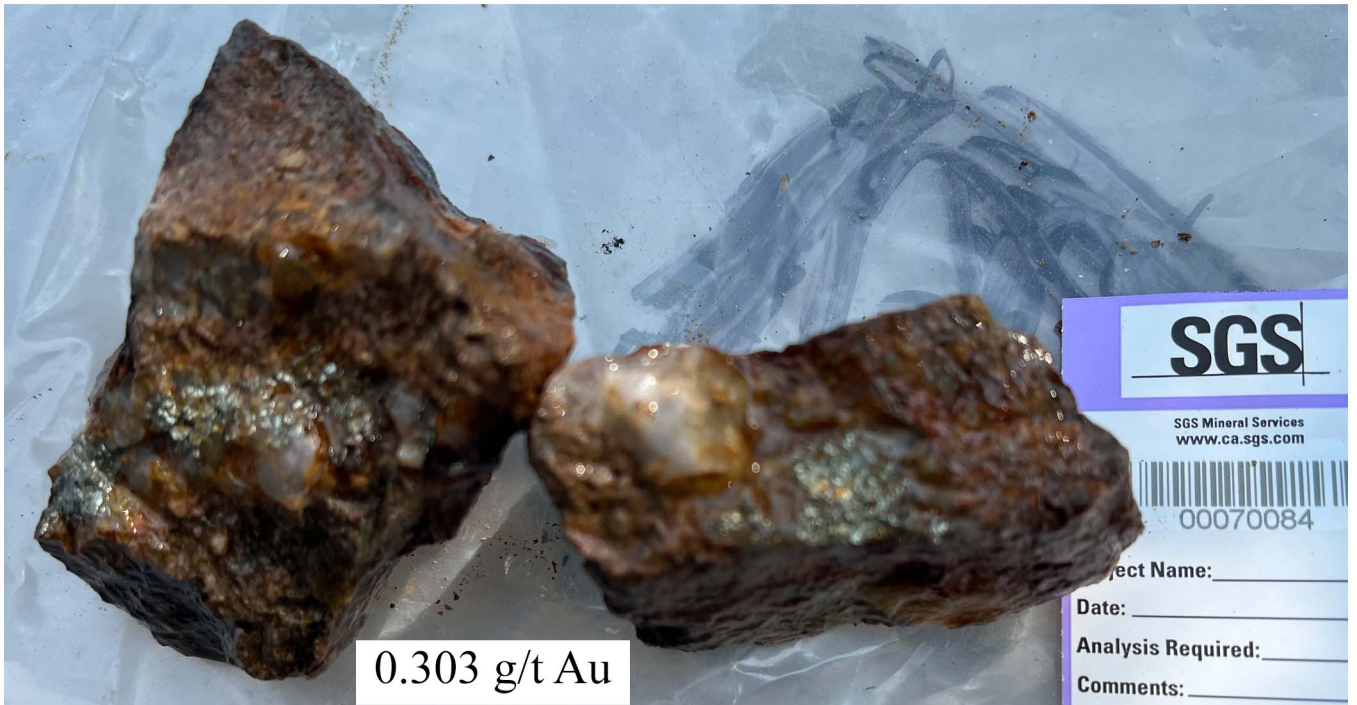


0.143 g/t Au



0.304 gt/t Au

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00070083



0.303 gt/t Au

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00070084
Project Name: _____
Date: _____
Analysis Required: _____
Comments: _____



SGS

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00070087

Proi