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Battery Mineral Resources Ltd.

Jackson Block
LIDAR & Prospecting Report 2019

Jackson Township, Sault Ste. Marie Mining Division

Prepared by:
M. Gaudreau,
September 25, 2019

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JACKSON BLOCK - LIDAR & PROSPECTING REPORT

INTRODUCTION

Battery Mineral Resources Ltd. retained M. Gaudreau and T. Fielding to prospect their Jackson Block (Property) in Jackson Township, Ontario. The results will be reviewed with LIDAR data to determine structurally controlled mineral trends. The Prospecting project including two travel days, was carried out during the days of September 8th, 2019, September 9th, 2019, September 11th, 2019, September 12th, 2019 and September 13th, 2019. The field team traveled by two vehicles trailer ATV's from Hanmer via Highway 17 West and Highway 129 North to Snowshoe Camp situated on Wakomata Lake, Algoma District, Casson Township. The team accessed Battery Mineral Resources Ltd. Jackson Block via Highway 129, a series of forestry roads and the hydro line service road. The work performed in this report was to prospect a segment of the Pearl Lake Fault and prospect and sample historical showings to confirm if copper, cobalt and gold occur. In Preparation of the site visit, compilation and mapping was completed which included: Historical Mineral Deposit Inventory (MDI) and Abandoned Mine Inventory Survey (AMIS) locations and including other mineral potential targets derived from compilation work of historical assessment reports, recently flown 2018 LIDAR survey, flown and processed by Precision GeoSurveys Inc. for Battery Mineral Resources Ltd. (BMR). Areas of interest were also predetermined using a compilation which included one prior site visit in 2017 by prospectors, OGS Report OFR6251 Lake Sediment Geochemical Survey, OGS Map 2350, OGS preliminary map P0914 and Sault Ste. Marie Resident Geologist property examination report 41J11SE0030.

LOCATION & ACCESS

The Property is located in the north central portion of Jackson township (formerly Township 182) in the District of Sault Ste. Marie, Algoma Region. At a central UTM coordinate reading of NAD83 Zone 17, 327000E, 5164300N.

Access to the Property area can be obtained by driving 218 kilometers west of Sudbury or 90 kilometers east of Sault Ste. Marie to Highway 129 junction. Travel 31 kilometers north on Highway 129 to Tunnel Lake and continue north to coordinate NAD83 Zone 17, 314811E, 5167881N (Lafoe Creek). At this point onward an off-road vehicle is strongly recommended, either ATV or equivalent. Turn east onto forest access road and continue east crossing Little Lafoe Creek then Two Camp Creek to coordinate at Hydro Line 326632E, 5169019N. At this point onward the access is rugged with a combination of low wet areas and high rocky rolling hills which the hydro line transects. Note that the property can also be reached via the hydro line from the south, but this alternate route is not recommended as the distance is longer and much more extreme in places. This access route was checked as ATV's could be run from the lodging point.

PROPERTY TENURE

SAULT STE. MARIE MINING DIVISION – Battery Mineral Resources Ltd., 2019 Property Claims

Township	Cell Claim Number	Recording Date	Due Date	Bdy. Cell	Percent	Work Required
JACKSON	121458	10/04/2018	31/10/2019	N	100%	$400
JACKSON	149429	10/04/2018	31/10/2019	N	100%	$400
JACKSON	164650	10/04/2018	31/10/2019	N	100%	$400
JACKSON	164651	10/04/2018	31/10/2019	N	100%	$400
JACKSON	178701	10/04/2018	31/10/2019	N	100%	$400
JACKSON	185489	10/04/2018	31/10/2019	N	100%	$400
JACKSON	245449	10/04/2018	31/10/2019	N	100%	$400
JACKSON	281292	10/04/2018	31/10/2019	N	100%	$400
JACKSON	301531	10/04/2018	31/10/2019	N	100%	$400

Figure 1: BMR Jackson Block - Ontario Key Location Map

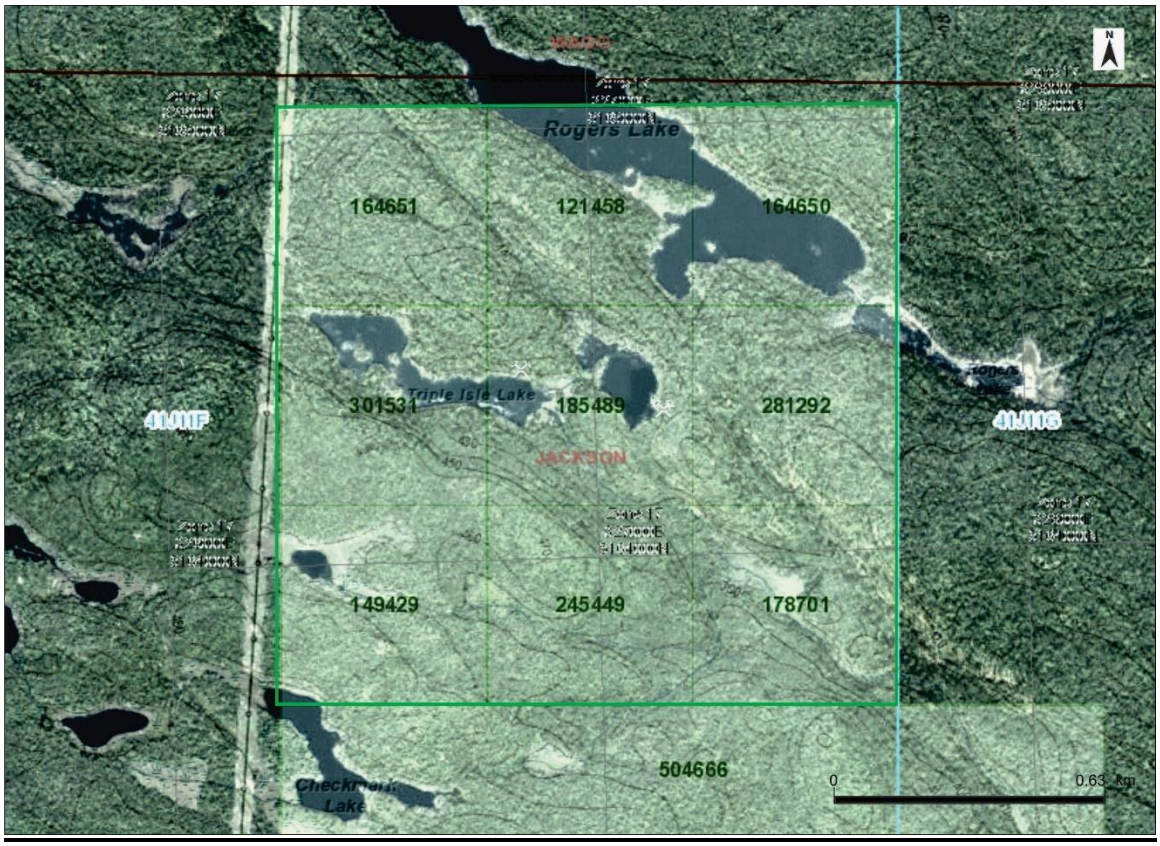


Figure 2: Property Location Map 2019

PREVIOUS WORK DONE BY OTHERS

Work history of the Jackson Block claims area:

1968: AFRI File 41J11SE0014, Racex Syndicate, Airborne EM/MAG/RAD, covers township areas Jackson, Aberdeen, Gould, Grasett, Montgomery

1968-1969: AFRI Files 41J11SE5006, 20000004945, Canadian Johns-Manville Co. Limited, compilation & interpretation, airborne geophysics + Report covering township areas Casson, Porter, Sayer, Simons, Vernon

1968-1969: AFRI File 41J11NE0001, Canadian Johns-Manville Co. Limited, compilation & interpretation of airborne geophysics covering township areas Casson, Jackson, Porter, Sayer, Simons, Slievert, Vernon

1970: AFRI File 41K09NE0091, David S. Robertson & Associates Limited, Airborne EM/MAG, covers township areas Hembruff, Jackson, Juillette, Nouvel, Raimbault, Varley, Wagg

1970: AFRI File 41J11SE0030, Sault Ste. Marie, Resident Geologist Property visit by R. Rupert

Historical Mineral Exploration

The area to the west of the Property has been prospected for copper since the beginning of the century and for uranium since the Blind River uranium discovery in early 1950. In 1968, an airborne radiometric and magnetic survey was carried out for Canadian Johns-Manville Company Limited; and also, one for D.J. Happy. And in 1970, an airborne magnetic-electromagnetic survey was carried out for David S. Robertson and Associates Limited; and also, one for Radex Uranium Syndicate (Ontario Division of Mines, Assessment Files Research Office). These surveys covered in part or the whole of the Property area. Other than the airborne surveys only one (1) assessment report 41J11SE0030 is available in the public domain, that being Sault Ste. Marie, Resident Geologist property visit by R. Rupert. Apparently, the property owners at that time Lawrence Renner and George Renner from Thessalon prospected the area and requested a site visit by Resident Geologist R. Rupert to inspect the blasted and excavated mineralized pits they exposed over an unknown period. In this report R. Rupert summarized after visiting 5 locations that the copper, cobalt and hematite mineralization was observed as “traces of chalcopyrite and hematite accompany cobalt stain”, all associated with shears of varying width and within narrow 1/16” up to 2’ quartz-calcite veins of varying width at each location. Areas R. Rupert visited that are within the Jackson Block are listed below, directly copied from his report.

Area #1
Along the eastern half of the northeast shore of this lake, Renner has blasted or dug several pits in talus and debris, to recover specimens of cobalt-stained or copper-stained diabase. About 60% of the rock is medium grained diabase, 10% is pink syenite and 30% is pink fine to coarse granophyre. There is no particular pattern to the rock types with changes occurring every 50' or less. In the western pits, chalcopyrite occurs on slickensided fragments of rock in 1/8" quartz veins or associated with quartz in granophyres. Average copper content is about 0.1% or less, with values to 3%. There is an intermediate zone with 1/2" veins of vuggy quartz and medium to coarse-grained hematite. An outcrop at the east end of the zone between the lake and a small pond is composed of blocky slickensided diabase with calcite stringers and cobalt stain. There is no visible preferred orientation to joints or shear planes at this exposure. No primary cobalt minerals were seen, but traces of chalcopyrite and hematite accompany cobalt stain.

Area #2
A series of quartz-calcite veins from 1/16" to 1/4” wide in quartz granophyre are found along a 300' wide ridge southeast of the outlet of the lake. Veins are parallel to the ridge but have variable dips. Measured attitudes were 132°/50° NE and 128°/80°SW. Copper and cobalt values were negligible.

Area #3
Rubble in the creek draining the lake and promontories of rock projecting into the creek indicate a 5' to 10' wide shear zone is present in the creek bed. Up to 20%

of the shear is 1/16" to 2" calcite or quartz-calcite veins with traces of chalcopyrite, specularite, and minor cobalt stain. Copper content of this shear is less than 0.2% and cobalt content is negligible. One sample with a speck of a silvery mineral (smaltite?) was taken.

Area #5
This is the best showing in the area. An old logging road runs up a gully at 305°. Boulders and upturned pieces of diabase for 300' along this road contain about 2% copper. A vein about 1' to 2' wide follows a creek 20' southwest of the road. It contains 1/2% copper as chalcopyrite and about 11/2% specular hematite. The wall rock northeast of the road is a fine-grained pink hypidioblastic granular granite derived from diabase. To the southeast the rock is medium-grained grey-green gabbro with a texture more hypidiomorphic than diabase, but with a composition suggesting that it is a phase of the diabase. There is a total width of over 40' between outcrops which is only exposed over about 5' in the centre and 1' of quartz vein on the southwest side. Both of these outcrops carry copper values near to ore grade. The chalcopyrite is associated with quartz veins and stringers, or completely fills narrow (1/8") fractures. Average grade exposed is 1% or less of copper, but some boulders appear better. No cobalt was observed. There would appear to be a fair chance for improvement of this prospect by trenching or drilling, and the structure on which it occurs has enough length and width to accommodate an orebody. Trenching of this zone would be warranted if sampling of existing exposures confirms the above grade estimates, or if it's length can be satisfactorily confirmed by geophysical methods. A couple of short drill holes might be as cheap as trenching. The main disadvantages of this prospect are:
1) It is remote from custom mills or existing operable mining plants.
2) This type of orebody is typically too small to pay for mill installation.
3) A new road would be required to develop it.

GEOLOGY

Regional Geology

The regional geology of the Jackson Block and area is located at the contact between the Superior and Southern Provinces of the Canadian Shield (Card et al. 1973). The rocks of the area, previously mapped by Emmons in 1926, can be subdivided into five major units: 1) Early Precambrian felsic plutonic rocks; 2) Early Precambrian mafic intrusive rocks; 3) Middle Precambrian sedimentary rocks of the Huronian Supergroup; 4) Middle Precambrian, post-Huronian mafic intrusive rocks; and 5) Cenozoic (Pleistocene, and Recent), unconsolidated sediments.

The felsic plutonic rocks of the Superior Province are grey to pink, massive and equigranular granitic rocks. They contain xenoliths of older metasediments and igneous rocks and are cut by narrow pegmatite and aplite dikes.

The area is intruded by many thin diabase dikes which have been classified into four groups. Dikes in two of these groups intrude only the Early Precambrian rocks of the basement and these are a northwest-trending set of porphyritic metadiabase dikes, and a predominantly southwest-trending but anastomosing set of fine-grained amphibolitic diabases. The third group, consisting of Nipissing-type metagabbro dikes intrudes the Early Precambrian basement and the Huronian Supergroup rocks. The fourth group consists of one small olivine diabase dike of the Sudbury swarm (Card et al 1972) intruding Huronian rocks east of Highland Lake.

The two groups of diabase dikes which cut only the basement have been designated by the author as Early Precambrian Mafic Intrusive Rocks.

The porphyritic metadiabase dikes consist of fresh to saussuritized feldspar phenocryst up to 1.5 inches in diameter in a fine- to medium-grained amphibolitic matrix. At the contacts the dikes exhibit either fine-grained chilled margins or porphyritic textures with the phenocrysts squashed parallel to the contact. The amphibolite dikes are fine-to medium-grained. Because of the difficulty in distinguishing these dikes lithologically from the Nipissing-type metagabbro, some of the dikes included in this group may be Nipissing-type.

A local occurrence of green and pink arkose, of unknown stratigraphic classification, belonging to the Huronian Supergroup, unconformably overlies the Early Precambrian, granitic basement rocks. The unconformity is well exposed west of East Caribou Lake and east of Pearl Lake Fault and remnants of a coarse grained pink granitic regolith are present at the unconformity. The green arkose, consisting of about 5 to 10 percent quartzose and granitic pebbles in a coarse-grained, very immature, poorly sorted green arkosic matrix, resembles the sedimentary rocks of the Matinenda Formation found in other areas. This green arkose is overlain by fine- to medium-grained pink arkose. A pink feldspathic quartzite of unknown stratigraphic classification also occurs at the southeastern end of Pearl Lake. The quartzite is sheared and brecciated as a result of movement on the Pearl Lake Fault.

The lowermost member of the Gowganda Formation, a polymictic boulder orthoconglomerate, rests unconformably on, the Early Precambrian basement in Jackson Township (formerly Township 182) in the vicinity of Caribou Creek. The actual unconformity is not exposed here. The pink, rounded granitic boulders range up to 1.5 feet in diameter in the orthoconglomerate and diminish to pebble size of about 1 inch in the overlying paraconglomerate. The paraconglomerate member in turn grades upwards into finely laminated argillites which then grade upwards into quartzites. The whole sequence resembles a Meandering Point Bar Sequence (P. Palonen personal communication). In the Chub Lake area, Gould Township, finely laminated argillite and siltstone member of the Gowganda Formation grades upwards into a prominent slumped unit with sandstone ball-and-pillow structures in fine-grained massive greywacke matrix over which lies a sequence of interbedded argillite, siltstone and sandstone exhibiting ripple

marks, flute casts, load casts and very small sandstone dikes. Prominent sand waves can be seen in the sandstone interbeds. The top of the Gowganda Formation consists of pink to purple feldspathic quartzite. An outlier of Gowganda-type conglomerate and quartzite was found southeast of Two Camp Lake.

A gradational contact of approximately 100 feet true thickness exists between the quartzites of the Gowganda Formation and the overlying Lorrain Formation. The Lorrain Formation was subdivided into 6 main members, with gradational contacts, which from the base up are: 1) a purplish, coarse-grained, poorly sorted, cross-bedded arkose with less than 1 percent 'floating' quartz and jasper pebbles; 2) a pink feldspathic quartzite with prominent trough cross-bedding and quartz and feldspar pebble bands; 3) a white quartzite, commonly known as puddingstone, with about 50 to 60 percent pebbly bands, containing up to 60 percent pebbles consisting of 30 percent jasper, 20 percent chert, and 50 percent quartz; 4) a reddish fine-grained hematite-rich orthoquartzite with good cross-bedding, Leisgang Rings and no pebbles (this unit was used as a marker horizon); 5) a pink to tuff coarse-grained hematite rich quartzite with pebble bands containing from 1 to 5 percent jasper pebbles. The hematite content decreased toward the top of this unit; and in the bottom half, pebble-free hematitic, cross-bedded sandstone is interbedded with hematitic pebbly sandstone; and 6) a white orthoquartzite with cyclic repetition of coarse-grained pebble bands consisting of well rounded quartz pebbles and 1 percent jasper and fine-grained pebble-free units.

The Huronian sedimentary rocks and the Early Precambrian granites are intruded by numerous dikes and large bodies of Middle Precambrian Nipissing-type metagabbro. These metagabbro intrusions range from fine-grained, (at chilled contacts), to coarse-grained amphibolites. Fresh pyroxene-bearing gabbro and granophyre patches were observed in some of the larger bodies. The metagabbro has a strong magnetic expression.

Some small fine-grained diabase dikes intruding the Huronian sedimentary rocks in Jackson Township are rich in epidote and disseminated pyrite. Fine-grained porphyritic phases in some of these dikes were found south of Wakomata Lake and on the southwestern end of the island on Wakomata Lake. These dikes were classified with the Nipissing-type metagabbro, however, some of them might belong to a later swarm as observed on the North Shore of Lake Huron (Robertson et al 1972).

The youngest intrusion is a small olivine diabase dike of the Sudbury Swarm (Card et al 1972) found east of Highland Lake.

Structure: The shallow-dipping (1°-15°) Huronian strata form a syncline with a shallow easterly plunge of about 5°. Eastwards the axial trace, which strikes

east-west along the southern shore of Wakomata Lake, is successively moved north by a series of northwest-striking faults, Blinko and Skirl Lake Faults. This syncline is possibly the westward continuation of the Quirke Lake Syncline (Robertson et al 1972). Megascopically metamorphism in the area is apparent only in the diabase bodies and in the granites where locally a gneissic foliation is developed.

The prominent faults in the area trend northwest, and east-west, and are probably part of a system associated with the Flack Lake Fault which crosses the northeastern corner of the map-area. A few northeast-southwest-striking faults are also present and prominent lineaments of different trends can be seen on the air photos. The prominent northwest and east-west fracture pattern is displayed by the intrusion of the diabase dikes.

Copied and modified from Preliminary Map P0914 Marginal Notes.
Reference:
Siemiatkowska, K.M. and Douglas, G.B.
1973: Wakomata Lake Area (Eastern Half), District of Algoma; Ontario Div. Mines, Prelim. Map P.914, Geol. Ser., scale 1 inch to ¼ mile. Geology 1973.

Geology and Prospected Area

The geology of the Jackson Block, except for one outcrop of conglomerate near the Flack Lake Fault is underlain with diabase or granitic and syenitic derivatives of diabase (R. Rupert 1970). Referencing Preliminary Map P0914, rock units and confirmation of these rock units observed while prospecting, can be summarized into five distinct units.

1. Observed in the north part of the property from the Hydro Line in the northwest to the southwest shore of Rogers Lake are Mafic Intrusive rocks (Nipissing) which include medium grained, moderately magnetic metadiabase, metagabbro and amphibolite which were also observed as intrusives into east west striking shears and major north west trending faults.
2. An amphibolitic diabase dike was cut a few hundred meters west of the landing point at the southeast end of Rogers Lake. This fine-grained dike cut an east west trending shear that's traceable to the west shore of Rogers Lake. The intersect point of the dike and the shear was prospected with no appreciable amount of mineralization was observed.
3. Grey to pink granite with mafic xenoliths. This unit was observed in the central part of the Jackson Block while prospecting at a starting point from the hydro line eastward on the high ground, then heading north to Area #5 of R. Rupert report. Photo of outcrop taken at NAD83, Zone 17 326387E, 5163873N. No appreciable mineralization was observed, (minor disseminated specks of pyrite) and no samples taken for assay.
4. Grey Granite. This unit was observed when accessing the Jackson Block from the south hydro line alternate access route. The grey granite was

prospected in the southwest part of the Jackson Block on the hydro line at intersects where it cut the Jackson Block. No appreciable mineralization was observed, and no samples were taken.

5. Pink to grey granite, aplite. This rock unit was observed in the field on the southeast part of Rogers Lake and traversing west to the south part of a small lake to examine the three (3) Renner No.2 AMIS locations. No sulfides were noted in the medium to coarse grained pink granite. The fine to medium grained mafic dike and Pearl Lake Fault and east west shears cut this rock unit. No appreciable sulfide mineralization was observed in the granite and no samples were taken for assay.

Historically documented; that within the Jackson Block chalcopyrite with quartz veins and erythrite with veins, or combinations of both vein types are directly associated with east west shear zone and fractured zones along the north west trending Pearl Lake Fault. The author did not observe erythrite staining while on site, however as described by R. Rupert in his site visit report 41J11SE0030 “No primary cobalt minerals were seen, but traces of chalcopyrite and hematite accompany cobalt stain.” It was optimistic that cobalt mineralization would be located or that samples taken of mineralized areas would have associated cobalt however assay results for cobalt ranged from 9.2ppm to 66ppm from the ten (10) selective grab samples. The results do however confirm that the highest cobalt results were not from samples taken within the Pearl Lake Fault system as documented from earlier reports but from the east west trending shear zones with copper, pyrite and hematite mineralization. No mineralization was observed at the contact of the mafic and felsic units on the west part of the Jackson Block near the hydro line. Not ruling out contact mineralization between these units occurs as shown on government geology maps mainly as magnetite, malachite and pyrite. The assay results did confirm that no elevated gold was discovered from the 10 selected samples. In historical reports gold was not mentioned therefore gold was added to the analytical package to be thorough.

DESCRIPTION OF FIELD ACTIVITIES

Sample Collection

On September 9th, 2019, September 11th, 2019 and September 12th, 2019 a total of ten (10) selective grab samples were taken on the Jackson Block for analysis. On September 25th the 10 samples were sawed to save a representative sample. The samples were delivered to ALS Canada Ltd. in Sudbury on September 26th, 2019 for the following analysis.
ALS Code ME-MS61 - 48 element four acid ICP-MS
ALS Code Au-AA23 - Au 30g FA-AA finish AAS

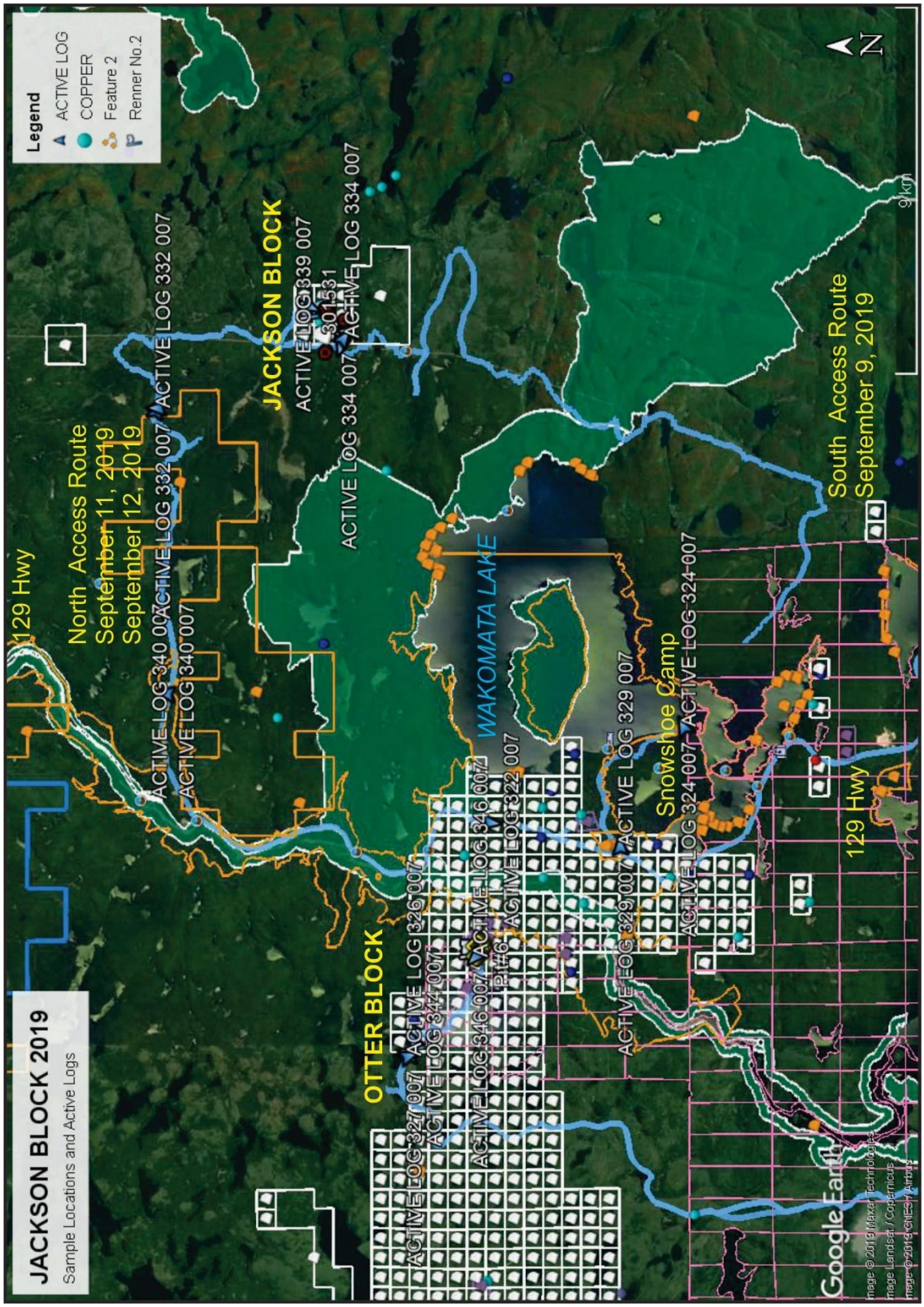
See attached ALS Canada Ltd. assay certificate SD19241368.

See Sample Descriptions section for details.

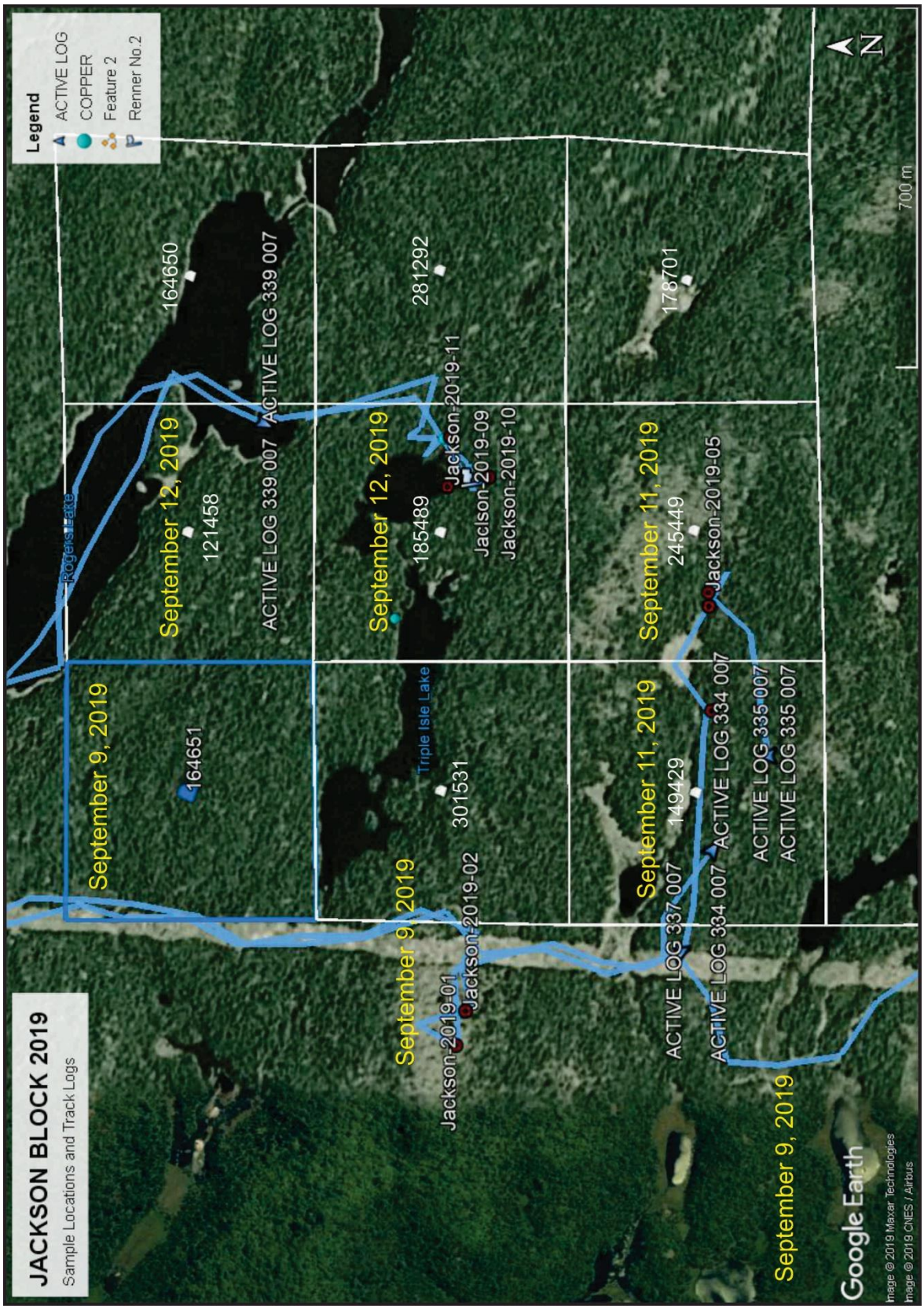
Sample Descriptions

Map Point	Easting NAD83 UTM Zone 17	Northing NAD83 UTM Zone 17	Sample #	Rock Type
1	326062	5164354	Jackson-2019-01	5 cm quartz-calcite vein with epidote, hematite, potassic alteration and very minor pyrite
2	326122	5164335	Jackson-2019-02	6 cm quartz-calcite vein in contact with granite, hematite, chalcopyrite and minor pyrite
3	326836	5163869	Jackson-2019-03	Fine grained basalt, quartz-calcite vein(s) and shear within basalt, chalcopyrite, and disseminated pyrite
4	326836	5163870	Jackson-2019-04	Fine grained basalt, quartz-calcite vein(s) and shear within basalt, chalcopyrite, and disseminated pyrite
5	326861	5163871	Jackson-2019-05	Fine grained basalt with disseminated pyrite
6	326645	5163871	Jackson-2019-06	Fine grained basalt with quartz-calcite vein(s) in shear within granite, blebby chalcopyrite, and minor disseminated pyrite
7	327163	5164331	Jackson-2019-07	Narrow shear within course grained granite, calcite rich basalt with minor disseminated pyrite
8	327088	5164262	Jackson-2019-08	Altered basalt, disseminates pyrite, chalcopyrite & calcite, with quartz-calcite veins and blebby and disseminated chalcopyrite and pyrite
9	327088	5164262	Jackson-2019-09A	Altered basalt, disseminates pyrite, chalcopyrite & calcite, with quartz-calcite veins and blebby and disseminated chalcopyrite and pyrite
10	327088	5164262	Jackson-2019-10B	Altered basalt, disseminates pyrite, chalcopyrite & calcite, with quartz-calcite veins and blebby and disseminated chalcopyrite and pyrite
11	327074	5164339	Jackson-2019-10	Altered basalt, disseminates pyrite, chalcopyrite & calcite, with quartz-calcite veins and blebby and disseminated chalcopyrite and pyrite

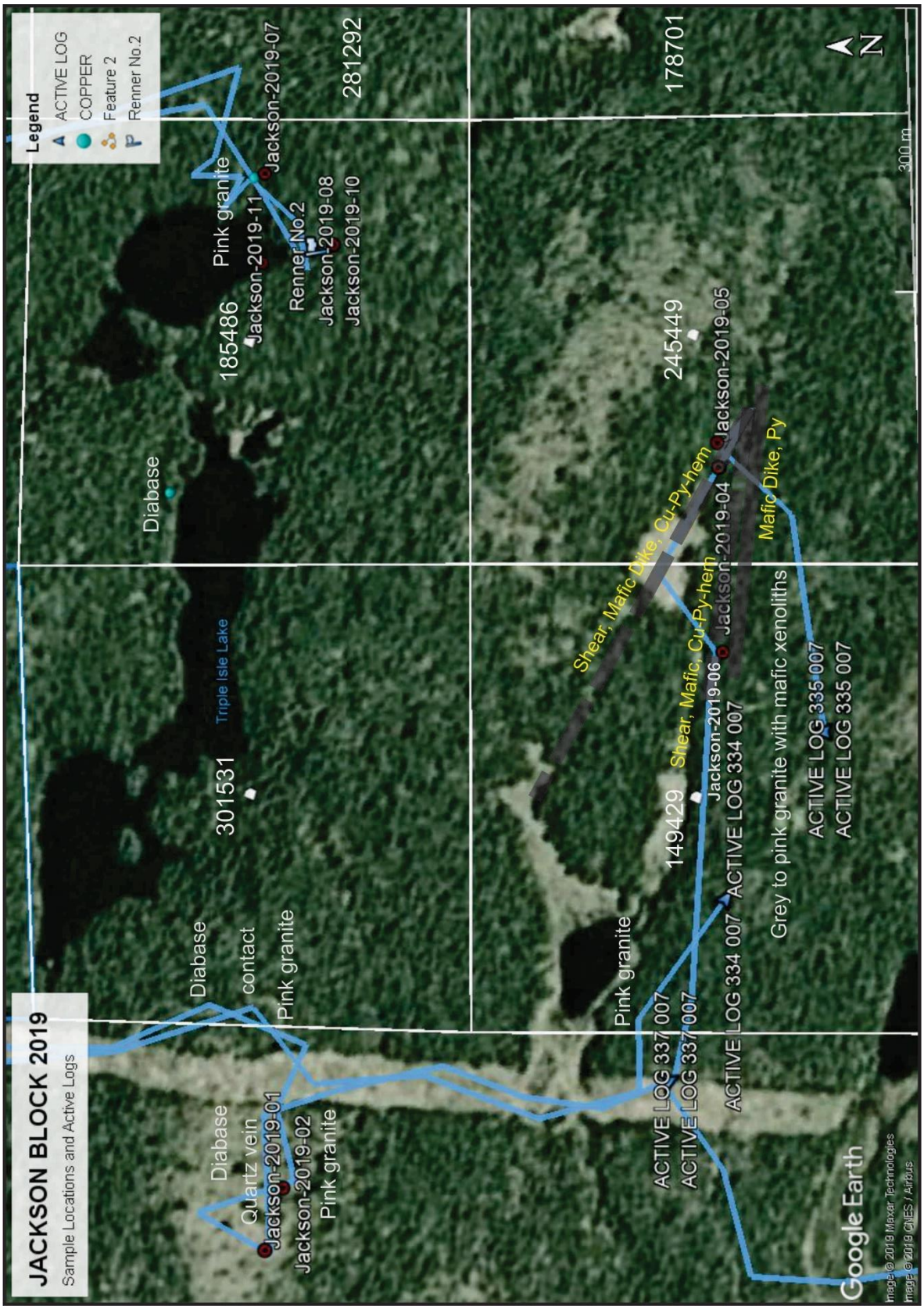
Google Earth - Jackson Block, 2019 image of track logs key map.



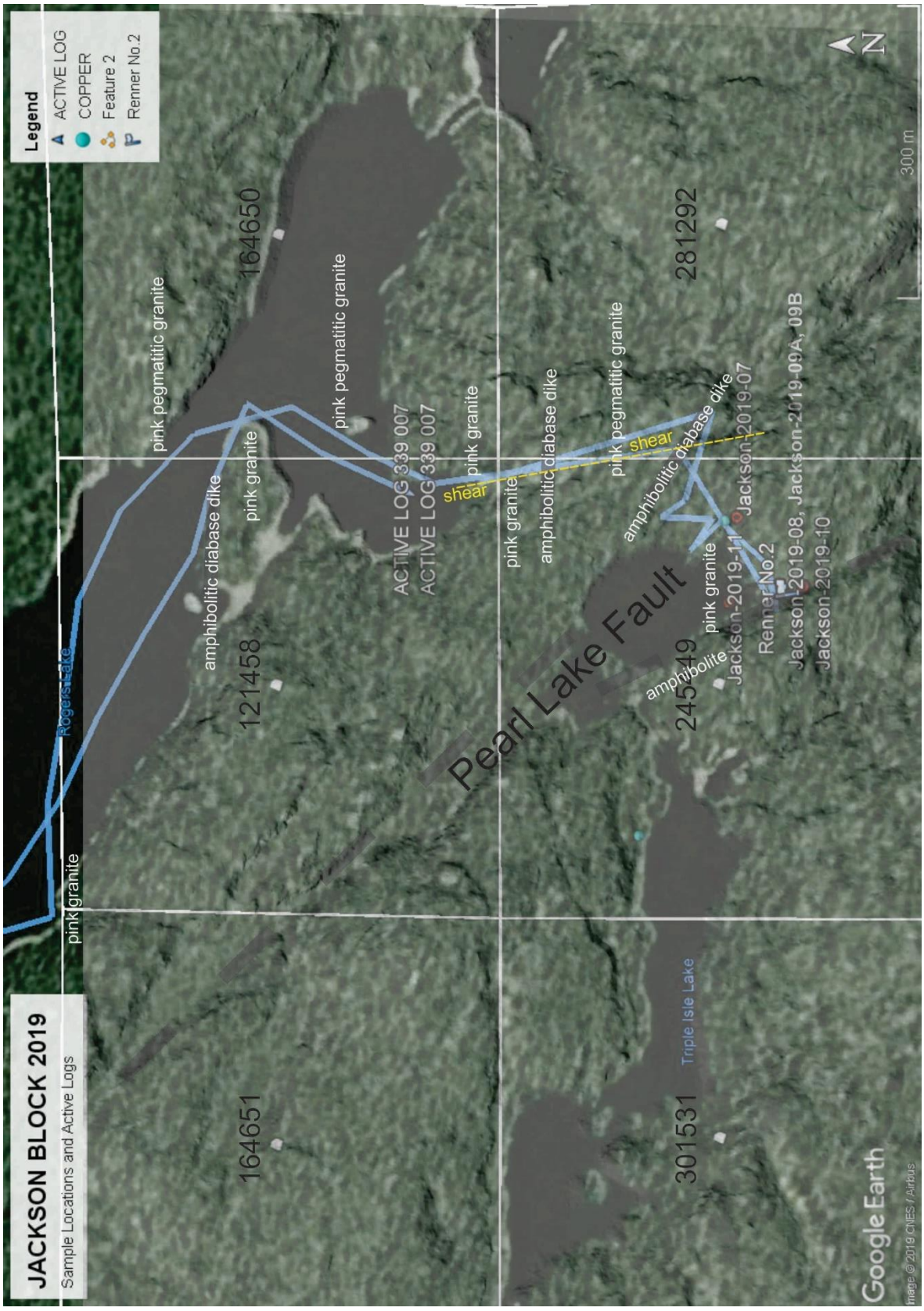
Google Earth – Track Log prospecting dates and sample locations on claims.



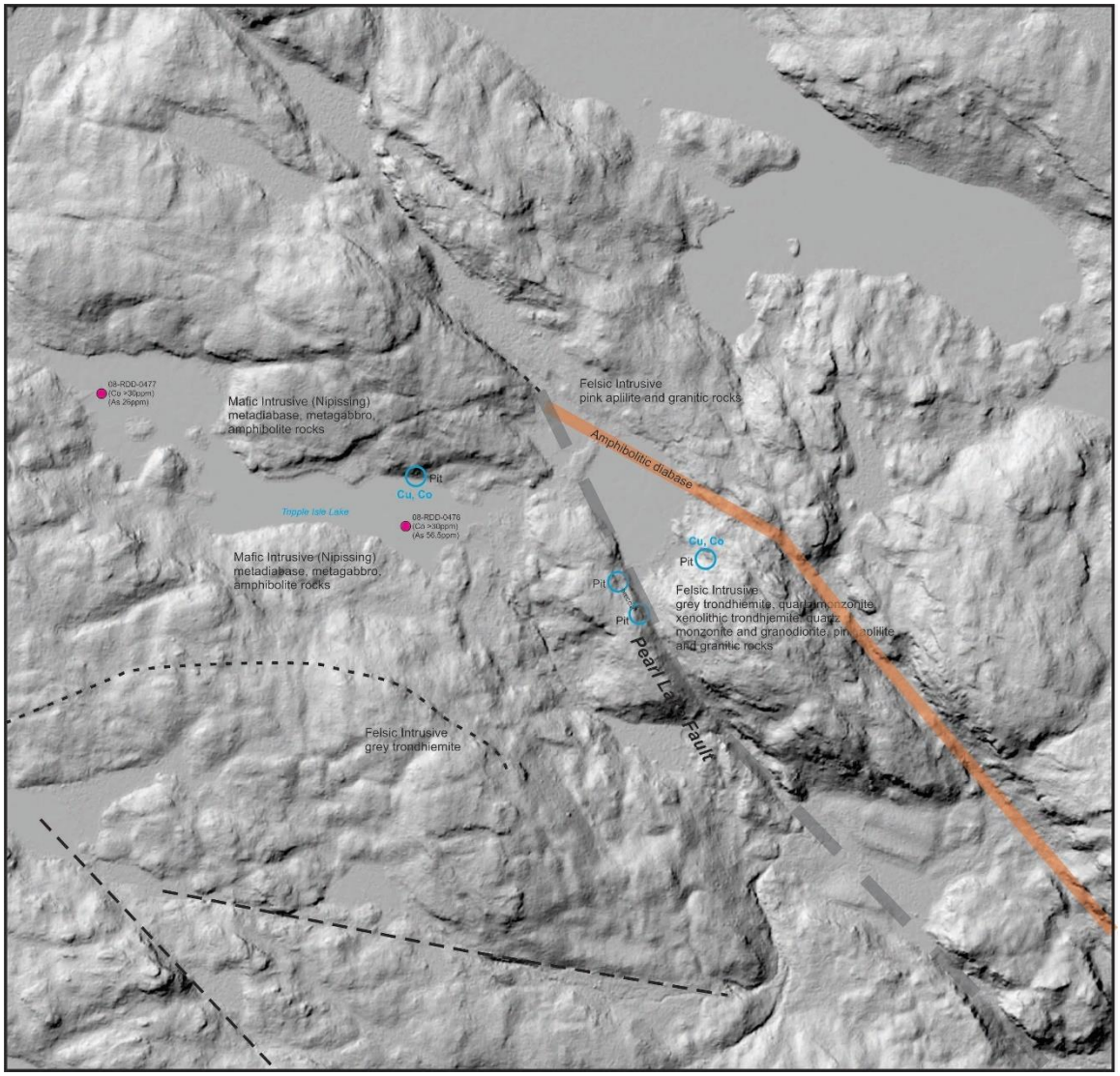
Google Earth – Prospecting locations, claims, samples and geology.



Google Earth – Track Logs, LIDAR, geology, sample locations and claims.



Jackson Block LIDAR survey compilation.



The high-altitude LIDAR survey was flown over the Jackson Block by Precision GeoSurveys Inc. sometime during the period of August 11th to August 21st, 2018, as reported by T. Weis and Associates Inc., dated January 18, 2019.

The LIDAR survey has clearly identified major faults and shear zones, most of which were previously mapped by the Ontario Division of Mines 1973 Preliminary Geological Series Map P.914 which was referenced throughout this report.

The LIDAR survey assisted in the interpretation and projection of historic and recently mapped geological data into the unmapped areas that were unmapped due to drift cover.

The historical workings, AMIS locations Renner #1 and Renner #2 were also identified by the LIDAR survey. These locations correlated well with the AMIS

reports which somewhat assisted the field team with ground follow up prospecting. A note of interest… the AMIS points appeared as more subtle disturbances in the field and were not easily identified, even when found, with 100% confidence of the correct location as much of the rocky faces looked similar.

Using a compilation of “other” available data and recent prospecting results several structural coincidences can be interpreted within the LIDAR survey. The known mineralized areas correlate well with the major structures and shears as to be expected, however geochemical survey data does support cobalt in the system. The east west trending mineralized shears sampled in this report do not chemically have cobalt or gold in their systems. The prospecting team did not observe any cobalt mineralization in the form of erythrite (cobalt bloom) in the rocks, during the survey period.

Prospecting Daily Logs

September 9th, 2019
Active Logs 322 007, 324 007
The field team traveled by two vehicles trailering ATV’s from Hanmer via Highway 17 West and Highway 129 North to Snowshoe Camp situated on Wakomata Lake, Algoma District, Casson Township. They setup logistics to access the Jackson Block from the south route using ATV’s, round trip from Snowshoe Camp utilizing the hydro line access road. The prospecting team realized afterwards that the south route into the Jackson Block is to be used as secondary route due to the extreme ruggedness of the badly weathered road, compounded with extreme elevation differences and low areas flooded by beaver activity. The results of this “challenging” route consumed considerable time and challenged the operator and ATV’s. One ATV occurred overheating problems. For safety reasons this route was abandoned, and the north route taken, although the last five kilometers are as challenging as the south route, the north route distance is shorter and the most part are mostly comprised of abandoned forest access roads on flat out washed terrain. The team arrived at the Jackson Block much later in the day than expected. Due to this oversight in travel time the planned traverse east from the hydro line into the interior of the Jackson Block had to be modified. It was decided to prospect areas along the power line that had exposed outcrop and also check a location just outside the Jackson Block that had previously mapped quartz veins with associated pyrite and a coincidental 2 Channel EM anomaly (Samples Jackson-2019-01 and Jackson-2019-02). Both locations and progressive prospecting eastward into the Jackson Block were interesting as numerous quartz veining was checked and the contact appears to be gradient between the mafic and felsic rocks. Sample Jackson-2019-02 returned the highest RRE count of the 10 samples with the highest Ba, Ce, Ge, Hf, La, Mo, Nb, P, Sb, Ta, Ti, U, Y and Zr. The significance of this samples anomalous coincidence might be due to the contact alteration of the felsic rocks observed on claims 301531 and 164651. With only a few hours of

daylight remaining the prospecting team decided to return to Snowshoe Camp using the north route as time didn't permit returning via the south route. The north route was found to be void of deadfall or other obstacles inhibiting access.

September 10th, 2019
Active Logs 326 007, 329 007
On this day, the rain that had persisted through the night was still raining in the morning with no sign of clearing before midday. The prospecting team decided to check the access into the Otter Block especially when considering for safety reasons the ruggedness of access would be amplified with slippery conditions.

September 11th, 2019
Active Logs 337 007, 334 007
The prospecting team used the north access hydro line route to access location Area #5 of 1970 Property visit by R. Rupert. At this location is to be found the encouraging reported copper over a wide corridor and several hundred feet in length. The prospecting team traversed on foot observed numerous outcroppings of medium grained grey to pink granite with mafic xenoliths and cut one mafic dike with very minor disseminated pyrite before locating the old road and subsequently prospected and located the historical workings, mainly one small pit excavated vertically against a small raised area. The pit is estimated to be one square metre in size and less than one meter deep. Impressive copper mineralized was observed in quartz-calcite veins, marling and disseminated in grab samples Jackson-2019-03 and Jackson-2019-04. As expected, these two samples retuned the highest copper assays being 4760ppm and 4880ppm. Sample Jackson-2019-05 was taken 20m north of the small pit, still within the mafic rock but near the north contact of the fault zone. This sample was primarily taken to check for gold on/near the partially visible contact. The sample was mineralized mainly with disseminated pyrite and returned the highest Co (66ppm), Li, Cr and Mg values.

After some time was spent progressively prospecting east along the fault containing narrow quartz-calcite veins, but progressively less to almost nil mineralization in the stream bed and walls the prospecting team decided to work west following the mineralized trend and shearing in outcrop past the pit to an open low wet area where they deviated southwest and located a secondary shear that was mineralized with chalcopyrite and pyrite and took a selective grab sample Jackson-2019-06. This sample returned the highest Au, Ag and Zn, although anomalous, only a portion of this shear is exposed, and the shear trends under a beaver pond in both east and west directions. This shear appears to be on the north part of the diabase dike and intersects with the shear that follows the old road (now mostly grown in) and creek with the small pit. This east west trending shear can be assumed to cross at the hydro line however that area when checked was drift covered, in a ravine between ridges of pink granite almost aplite in colour and texture, medium grained and with no indication of structural, alteration or mafic affinity on either side. Location of shear checked at the hydro line road. With only a few hours of daylight remaining the prospecting team returned to Snowshoe camp via the north route.

September 12th, 2019
Active Logs 339 007, 340 007
The prospected team accessed the Jackson Block using the north route and turned east onto the trail to Rogers Lake. A short walk to the boat they paddled the length of Rogers Lake and when in the claims prospected the shoreline. This is cursory prospecting to observe any significant geological changes or mineral signatures such as rusty zones, shears etc. After paddling approximately 1.25 km the boat was landed at the closest point to access the 2 AMIS points lister under Renner #2 with apparent Cu-Co mineralization indicated on Preliminary Map P.914. The prospecting team immediately observed a shear at the point of landing. The shear was prospected to the point where it intersected an amphibolite dike as shown on map P.914. This location was interesting; however, time didn't permit following the shear further southwest, into the Pear Lake Fault structure where it transects a second northwest striking amphibolitic dike occupying the same Pearl Lake Fault corridor. This amphibolitic dike is clearly part of the mineralized zones at the Renner #2 showings. This dike lies within the Pearle Lake Fault. The Pearl Lake Fault on the ground is a very subtle structure as it doesn't have strong slickensides or other shear structures of significance. At this point AMIS sites were the focus. A bit of time was spent locating the east location for the following reasons; a tree had fallen across the pit obscuring it, the pit was excavated on the face of a large course grained knoll from above could not see the cut into the face, the cut in face is narrow and on the west side of the knoll and there was a 10m wide, unmineralized amphibolite dike immediately to the east that complicated the search due to it's proximity. The sample taken from the shear Jackson-2019-07 has the highest Ba, Sc, Sr and 10.15 % Fe. The mafic unit which host the mineralization and occupies the shear is approximately 25 meters wide at the Renner #2 showing areas. The east contact is sharp and not that strongly mineralized, however was not checked extensively as the focus

was the AMIS locations. The prospecting team focused on the west contact with the medium to coarse grained pink granite where the AMIS showings were excavated. The granite itself at these locations was not mineralized. Immediately within the mafic rocks the alteration and mineralization were obvious and promoted an encouraging effort to continue breaking rock to expose fresh sulfides and possibly sing of cobalt mineralization. Along this face select samples Jackson-2019-08, Jackson-2019-09A, Jackson-2019-09B and Jackson-2019-10 were taken. No significant trends or anomalous results were returned regardless of the >1% sulfurization in the system.

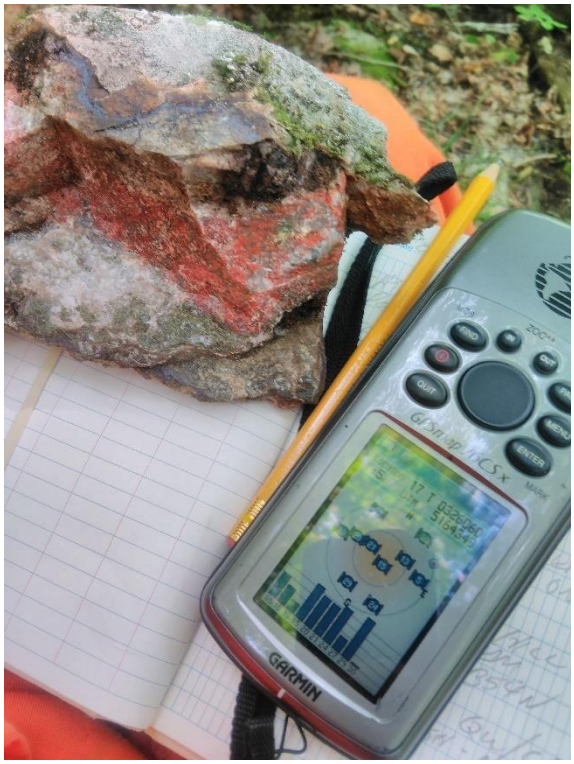
Additional notes of Interest:

- Generally, while prospecting, the dark mafic dikes stand out prominently against the coarse-grained pink granite. The shears interpreted from the LIDAR airborne survey are also obvious low features on the ground making them easy to follow while in the field.
- The forest consists mainly of pines, maple, oak, alder, and a variety of low bush and is considered somewhat easily traversed.
- Access to and from the Jackson Block is time consuming and the routes are considered rugged to extreme in places. Experienced ATV operators are strongly recommended.
- An aluminum boat remains on Rogers Lake and is available for future site visits. This is the most convenient access into the east part of the Jackson Block. The boat is located on the north shore of the lake immediate off the access trail into the lake from the hydro line.
- Recommend site visits during the summer months after the water table has dropped and low areas have stabilized.
- Recommend accommodations on Hwy. 129 or lodges on Wakomata Lake.

FIELD TEST

Sample	Magnetic Attraction	HCL 10% dil. Acid Test	% Fe (ALS)
Jackson-2019-01	none	minor in veins	N/A
Jackson-2019-02	weakly in places	none	5.31
Jackson-2019-03	moderately	strong throughout	10.15
Jackson-2019-04	none	strong in veins	9.97
Jackson-2019-05	strongly	minor throughout	9.15
Jackson-2019-06	weakly in places	none	8.18
Jackson-2019-07	strong	strong throughout	10.15
Jackson-2019-08	moderately in places	strong in veins	4.83
Jackson-2019-09A	none	strong in veins	4.44
Jackson-2019-09B	none	strong in veins	4.43
Jackson-2019-10	none	strong in veins	5.68

Sample photos, hand stripping & equipment



Jackson-2019-01

Jackson-2019-02

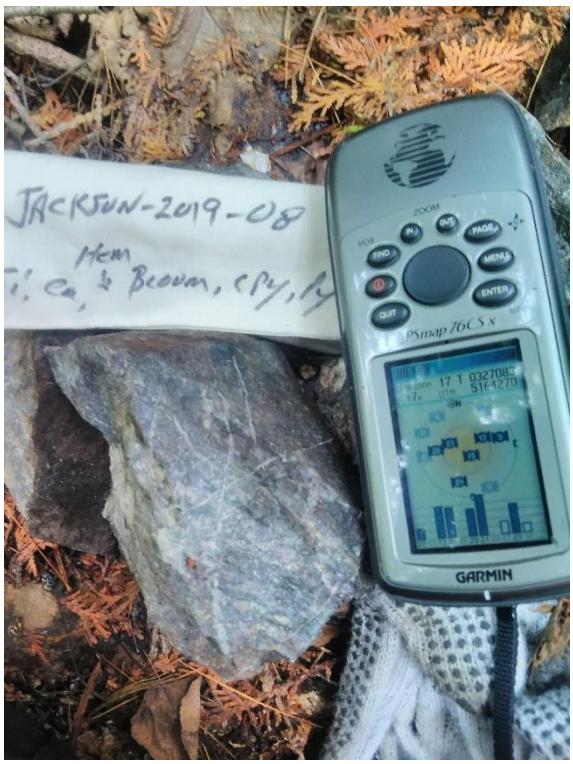
Jackson-2019-03

Jackson-2019-04

Jackson-2019-05

Jackson-2019-06

Jackson-2019-07

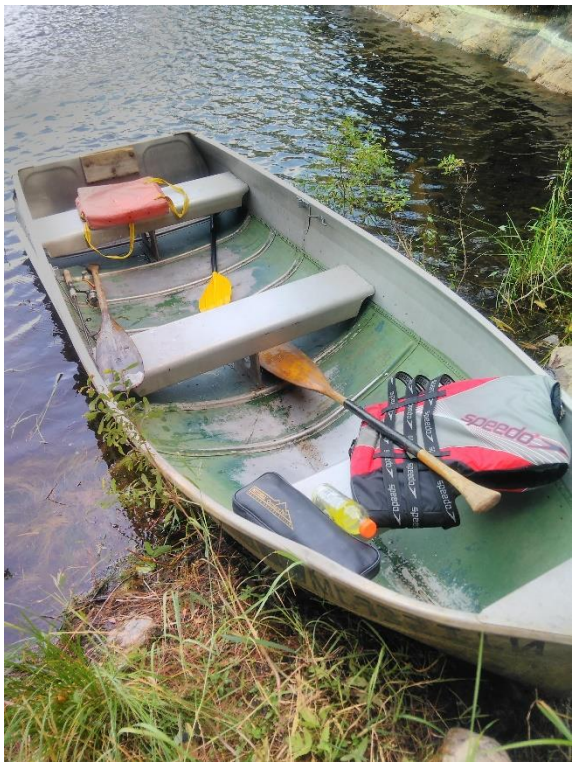


Jackson-2019-08

Jackson-2019-09A, Jackson-2019-09B

Jackson-2019-10

ATV’s staging north access route



12’ aluminum at Rogers lake

Sample preparation

Hand stripping Renner #2

CONCLUSIONS

- The concluding results of prospecting the Jackson Block has determined that the site has its's challenges when it comes to access however the project area has significant outcrop exposure to accommodate a continued exploration program focusing on the highest prospective areas.
- Considering the ALS assay results. The select mineralized hand samples mostly from previously known exploration sites, have not returned encouragingly anomalous results and therefore not encouraging in that view, however it should be considered that the amount of time on the ground committed to prospecting is questionable in comparison to the 2 square kilometer area of the Jackson Block.
- Considering the lack of historical assessment work documented and that other occurrences which are within 3 kilometers, such as the Caribou Creek Occurrence, which has malachite, pyrite, and magnetite occurring in quartz veins associated with a shear zone of the Frobel Lake Fault near a diabase dike. Three grab samples taken by the government geologist in 1973 assayed 0.42 percent Cu, 1.36 percent Cu and 0.02 ounce per ton Au and 0.56 percent Cu and 0.01 ounce per ton of Au. Perhaps the Jackson Property area should be considered relatively underexplored and commit more time to further explore major fault structures and shear zones.
- Also considering that other more recent discoveries of cobalt, copper and gold occur along the Frobel Lake Fault to the west, which has a similar

northwest strike trend and the mineralization occurs in amphibolitized metagabbro of the Nipissing type which has similarities to the Jackson Block geological setting.

REFERENCES

1. Copied and modified from Preliminary Map P0914 Marginal Notes. Reference:
Siemiatkowska, K.M. and Douglas, G.B.
1973: Wakomata Lake Area (Eastern Half), District of Algoma; Ontario Div. Mines, Prelim. Map P.914, Geol. Ser., scale 1 inch to ¼ mile. Geology 1973.
2. AFRI File 41J11SE0030, Sault Ste. Marie, Resident Geologist Property visit by R. Rupert

APPENDIX- ASSAY CERTIFICATES

ALS Canada Ltd.

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To: **BATTERY MINERAL RESOURCES LTD.**
THE PACIFIC BUILDING
SUITE 400, 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 8-OCT-2019
This copy reported on
15-OCT-2019
Account: BMRPLLBW

CERTIFICATE SD19241368

Project: Jackson

This report is for 10 Rock samples submitted to our lab in Sudbury, ON, Canada on 26-SEP-2019.

The following have access to data associated with this certificate:

PETER DOYLE IAN PRINGLE	MIKE HENDRICKSON	FRANK PLOEGER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver

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Project: Jackson

CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOD	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
Jackson-2019-02		0.65	0.06	4.42	2.7	170	1.01	0.14	0.91	0.02	119.5	9.4	75	0.61	763	5.31
Jackson-2019-03		0.91	0.08	7.82	3.1	50	1.40	0.15	1.93	<0.02	11.00	22.7	136	0.58	4760	10.15
Jackson-2019-04		0.56	0.06	7.93	3.2	50	1.33	0.15	1.91	<0.02	11.55	46.0	135	0.58	4880	9.97
Jackson-2019-05		0.45	0.05	7.59	3.1	110	0.72	0.07	1.28	0.04	14.50	66.0	180	0.65	38.5	9.15
Jackson-2019-06		0.50	0.13	5.29	2.1	20	0.92	0.40	1.42	0.02	63.2	38.4	112	0.27	3200	8.18
Jackson-2019-07		0.77	0.01	7.39	4.4	140	1.67	0.21	1.90	0.02	24.9	62.0	153	0.45	19.4	10.15
Jackson-2019-08		0.46	0.04	5.90	2.8	120	1.34	0.37	4.26	0.02	10.65	16.2	21	1.61	1705	4.83
Jackson-2019-09a		0.69	0.03	4.92	1.2	60	0.70	0.28	3.12	<0.02	19.55	9.2	28	0.82	1430	4.44
Jackson-2019-09b		0.43	0.05	4.01	2.1	50	0.65	0.44	3.32	0.02	9.04	13.1	24	0.73	2140	4.43
Otter-2019-10		0.62	0.02	5.21	10.2	70	0.86	0.25	4.31	0.03	9.98	14.1	25	1.14	526	5.68

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VANCOUVER BC V6C 1A5

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Project: Jackson

CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
Jackson-2019-02		16.35	0.15	4.6	0.048	0.50	48.1	31.7	1.26	568	2.82	1.53	6.1	35.0	2820	6.8
Jackson-2019-03		37.6	0.05	2.6	0.091	0.31	4.7	43.3	3.37	718	0.87	3.34	2.6	129.5	570	3.8
Jackson-2019-04		36.4	0.05	2.7	0.099	0.34	5.1	42.3	3.33	738	0.43	3.38	2.7	132.0	570	3.6
Jackson-2019-05		16.50	0.07	2.3	0.028	0.31	6.3	69.5	6.82	912	0.83	2.19	3.6	104.5	410	3.4
Jackson-2019-06		20.7	0.10	1.5	0.071	0.07	25.0	37.2	3.45	936	0.86	1.80	4.3	50.0	1540	8.3
Jackson-2019-07		18.55	0.05	2.9	0.055	0.49	10.8	26.2	2.38	739	0.53	3.40	5.3	64.6	570	3.1
Jackson-2019-08		18.95	0.06	3.1	0.102	2.69	4.8	17.3	0.61	416	1.16	1.33	1.6	26.2	460	4.1
Jackson-2019-09a		13.35	0.05	2.9	0.051	1.18	8.2	15.6	0.66	489	1.87	2.07	1.1	33.3	440	3.7
Jackson-2019-09b		11.75	<0.05	2.1	0.059	1.10	4.0	12.8	0.53	500	1.55	1.55	0.9	25.7	350	2.8
Otter-2019-10		14.20	<0.05	2.1	0.167	1.47	4.3	34.9	1.18	977	0.98	0.96	1.4	24.3	320	1.8

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Account: BMRPLLBW

Project: Jackson

CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1
Jackson-2019-02		29.6	<0.002	0.14	0.99	24.8	1	1.9	23.4	0.38	<0.05	2.57	0.837	0.06	2.4	141
Jackson-2019-03		4.5	<0.002	0.42	0.45	25.4	1	2.0	34.4	0.18	0.07	1.45	0.471	0.05	0.9	287
Jackson-2019-04		5.5	<0.002	0.46	0.41	24.3	2	2.2	34.4	0.18	0.06	1.52	0.486	0.05	0.9	279
Jackson-2019-05		11.0	0.002	0.18	0.24	32.0	<1	0.4	41.0	0.24	<0.05	1.01	0.583	0.06	0.5	257
Jackson-2019-06		2.6	<0.002	0.30	0.80	12.9	1	1.1	27.0	0.32	<0.05	2.43	0.288	0.02	1.0	124
Jackson-2019-07		18.7	<0.002	0.19	0.24	37.3	<1	0.9	88.8	0.34	<0.05	1.55	0.694	0.09	0.8	285
Jackson-2019-08		148.0	0.002	0.36	0.66	31.7	1	1.2	43.8	0.14	<0.05	3.99	0.367	0.36	1.5	363
Jackson-2019-09a		63.6	<0.002	0.45	0.33	16.7	<1	0.5	27.5	0.11	<0.05	4.06	0.243	0.18	1.1	215
Jackson-2019-09b		58.8	<0.002	0.69	0.41	19.8	1	0.6	26.7	0.09	<0.05	2.57	0.214	0.17	0.9	201
Otter-2019-10		92.7	<0.002	0.11	0.40	29.0	<1	0.8	28.8	0.13	<0.05	2.99	0.268	0.22	1.0	282

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VANCOUVER BC V6C 1A5

Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	CRU-QC	PUL-QC	Au-AA23
	Analyte	W	Y	Zn	Zr	Pass2mm	Pass75um	Au
	Units	ppm	ppm	ppm	ppm	%	%	ppm
	LOD	0.1	0.1	2	0.5	0.01	0.01	0.005
Jackson-2019-02		0.5	29.6	22	168.5	90.1	94.7	<0.005
Jackson-2019-03		0.9	14.3	15	92.7			<0.005
Jackson-2019-04		0.9	15.0	15	95.4			<0.005
Jackson-2019-05		0.1	19.3	76	77.5		85.6	0.005
Jackson-2019-06		0.1	9.9	144	35.4			0.010
Jackson-2019-07		0.4	29.3	61	106.0			<0.005
Jackson-2019-08		1.0	9.0	13	108.0			<0.005
Jackson-2019-09a		0.5	7.0	14	103.0			<0.005
Jackson-2019-09b		0.6	6.6	11	68.7			0.005
Otter-2019-10		0.4	11.3	21	73.2			<0.005

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Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

CERTIFICATE OF ANALYSIS SD19241368

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA23	ME-MS61

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QC CERTIFICATE SD19241368

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PUL-QC	Pulverizing QC Test
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ALS CODE	DESCRIPTION	
ME-MS61	48 element four acid ICP-MS	
Au-AA23	Au 30g FA-AA finish	AAS

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QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
STANDARDS																
DS-1		0.47	4.25	6950	220	0.77	0.08	6.38	0.91	41.1	9.1	58	6.68	26.7	2.83	10.05
Target Range - Lower Bound		0.41	4.02	6260	180	0.68	0.08	5.35	0.86	38.6	8.5	51	6.25	25.0	2.69	9.76
Upper Bound		0.53	4.94	7660	260	0.96	0.13	6.57	1.10	47.2	10.6	65	7.75	29.2	3.31	12.05
EMOG-17		67.1	4.58	595	270	1.70	6.04	1.92	20.2	47.0	742	56	7.03	8150	4.74	11.40
Target Range - Lower Bound		60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42	10.75
Upper Bound		74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42	13.25
G313-5																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		0.08	7.95	5.3	560	2.65	0.61	0.51	0.04	95.8	15.2	85	8.54	118.0	4.06	19.30
Target Range - Lower Bound		0.08	6.91	4.6	450	2.54	0.61	0.44	0.04	84.6	13.9	70	7.72	104.0	3.72	18.65
Upper Bound		0.13	8.47	6.1	640	3.22	0.77	0.56	0.12	103.5	17.3	88	9.54	120.0	4.56	22.9
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	0.3	<0.01	<0.05
Target Range - Lower Bound		<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01	<0.05
Upper Bound		0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02	0.10
DUPLICATES																
Otter-2019-15 DUP																
Target Range - Lower Bound																
Upper Bound																

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **BATTERY MINERAL RESOURCES LTD.**
THE PACIFIC BUILDING
SUITE 400, 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
STANDARDS																
DS-1		0.07	3.6	0.049	1.03	21.1	18.7	2.77	441	4.34	0.03	4.7	49.1	350	13.3	46.0
Target Range - Lower Bound		<0.05	3.6	0.038	0.89	19.4	17.8	2.47	388	3.97	<0.01	4.4	43.6	300	11.9	45.9
Upper Bound		0.21	4.6	0.063	1.11	24.8	22.2	3.05	486	4.97	0.05	5.6	53.8	380	15.7	56.3
EMOG-17		0.09	1.9	0.892	1.64	24.1	24.4	0.94	711	1065	1.08	14.2	7580	810	7050	104.5
Target Range - Lower Bound		0.07	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700	6570	98.9
Upper Bound		0.29	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880	8030	121.0
G313-5																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		0.10	5.0	0.083	2.94	47.2	27.8	1.35	592	0.40	0.64	16.8	39.3	760	24.2	170.5
Target Range - Lower Bound		0.06	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4	640	20.7	158.5
Upper Bound		0.28	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2	800	26.4	193.5
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	0.8	<0.1
Target Range - Lower Bound		<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1
Upper Bound		0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0	0.2
DUPLICATES																
Otter-2019-15 DUP																
Target Range - Lower Bound																
Upper Bound																

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To: **BATTERY MINERAL RESOURCES LTD.**
THE PACIFIC BUILDING
SUITE 400, 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
STANDARDS																
DS-1		0.002	2.63	93.7	8.7	1	1.7	76.5	0.49	0.10	3.93	0.247	18.95	2.2	142	30.2
Target Range - Lower Bound		<0.002	2.38	83.9	8.0	<1	1.5	69.1	0.38	<0.05	3.88	0.229	17.00	2.2	125	27.5
Upper Bound		0.007	2.94	113.5	10.0	4	2.5	84.9	0.63	0.18	4.76	0.291	23.0	2.9	155	37.5
EMOG-17		0.311	3.22	793	7.7	6	2.4	204	0.90	1.27	10.65	0.312	2.19	3.1	71	3.7
Target Range - Lower Bound		0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67	3.3
Upper Bound		0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84	4.7
G313-5																
Target Range - Lower Bound																
Upper Bound																
OREAS 920		<0.002	0.03	1.52	13.3	<1	4.6	81.6	1.29	<0.05	19.30	0.478	0.91	3.6	97	3.1
Target Range - Lower Bound		<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.08	<0.05	17.35	0.434	0.73	3.3	86	2.5
Upper Bound		0.004	0.05	1.76	15.8	2	5.7	90.4	1.43	0.12	21.2	0.542	1.03	4.2	108	3.7
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Target Range - Lower Bound		<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1	<0.1
Upper Bound		0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2	0.2
DUPLICATES																
Otter-2019-15 DUP																
Target Range - Lower Bound																
Upper Bound																

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To: **BATTERY MINERAL RESOURCES LTD.**
THE PACIFIC BUILDING
SUITE 400, 744 WEST HASTINGS STREET
VANCOUVER BC V6C 1A5

Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method / Analyte / Units / LOD	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Au-AA23 Au ppm 0.005
			STANDARDS		
DS-1		23.2	211	144.0	
Target Range - Lower Bound		22.2	195	137.0	
Upper Bound		27.3	243	186.5	
EMOG-17		17.1	7190	62.6	
Target Range - Lower Bound		14.3	6800	55.6	
Upper Bound		17.7	8320	76.4	
G313-5					7.16
Target Range - Lower Bound					6.64
Upper Bound					7.50
OREAS 920		35.2	119	156.0	
Target Range - Lower Bound		29.8	102	128.0	
Upper Bound		36.6	130	174.0	
PMP-18					0.301
Target Range - Lower Bound					0.285
Upper Bound					0.331
			BLANKS		
BLANK					<0.005
Target Range - Lower Bound					<0.005
Upper Bound					0.010
BLANK		<0.1	<2	<0.5	
Target Range - Lower Bound		<0.1	<2	<0.5	
Upper Bound		0.2	4	1.0	
			DUPLICATES		
Otter-2019-15					0.007
DUP					0.009
Target Range - Lower Bound					<0.005
Upper Bound					0.010

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QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.02	0.11	0.4	20	0.05	<0.01	21.3	5.96	1.49	0.6	2	0.10	2.2	0.18	0.32
DUP		0.01	0.10	1.6	20	<0.05	0.01	20.6	5.86	1.48	0.6	2	0.09	2.4	0.18	0.27
Target Range - Lower Bound		<0.01	0.09	0.8	<10	<0.05	<0.01	19.90	5.59	1.40	0.5	<1	<0.05	2.0	0.16	0.23
Upper Bound		0.02	0.12	1.3	30	0.10	0.02	22.0	6.23	1.57	0.7	3	0.10	2.6	0.20	0.36

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QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb
	Units	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.13	0.1	<0.005	0.07	1.6	1.7	12.25	235	0.51	0.01	0.2	1.6	20	204	1.6
DUP		<0.05	0.1	<0.005	0.07	1.6	1.5	12.10	232	0.49	0.01	0.2	1.5	20	203	1.6
Target Range - Lower Bound		<0.05	<0.1	<0.005	0.06	1.0	1.3	11.55	217	0.43	<0.01	<0.1	1.3	<10	193.0	1.4
Upper Bound		0.10	0.2	0.010	0.08	2.2	1.9	12.80	250	0.58	0.02	0.3	1.8	30	214	1.8

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Finalized Date: 8-OCT-2019
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QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1	1	0.1
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		0.005	0.23	0.05	0.3	1	0.2	54.5	<0.05	<0.05	0.17	0.006	0.06	0.9	2	<0.1
DUP		0.003	0.23	0.05	0.3	1	0.2	52.6	<0.05	<0.05	0.15	0.006	0.05	0.8	3	<0.1
Target Range - Lower Bound		<0.002	0.21	<0.05	0.2	<1	<0.2	50.7	<0.05	<0.05	0.14	<0.005	0.03	0.7	<1	<0.1
Upper Bound		0.006	0.25	0.10	0.4	2	0.4	56.4	0.10	0.10	0.18	0.010	0.08	1.0	4	0.2

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Finalized Date: 8-OCT-2019
Account: BMRPLLBW

Project: Jackson

QC CERTIFICATE OF ANALYSIS SD19241368

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	Au-AA23
	Analyte	Y	Zn	Zr	Au
	Units	ppm	ppm	ppm	ppm
	LOD	0.1	2	0.5	0.005
DUPLICATES					
ORIGINAL					0.166
DUP					0.157
Target Range - Lower Bound					0.148
Upper Bound					0.175
ORIGINAL		3.1	2170	1.6	
DUP		3.1	2100	1.7	
Target Range - Lower Bound		2.8	2030	1.0	
Upper Bound		3.4	2240	2.3	

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QC CERTIFICATE OF ANALYSIS SD19241368

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REE's may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

CRU-31	CRU-QC	LOG-22	PUL-31
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-AA23	ME-MS61