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HEMLO WEST PROPERTY

2019 EXPLORATION PROGRAM
STRIPPING, TRENCHING, PROSPECTING
SAMPLING AND ANALYSIS

LECOURS TOWNSHIP, ROUS LAKE,
WABIKOBA LAKE AND LORNA LAKE AREAS

THUNDER BAY MINING DIVISION

NORTHWEST ONTARIO

- by -

Colin Bowdidge, Ph.D., P.Geo.

December 2019

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INTRODUCTION

During October 2019, Tashota Resources Inc. carried out an exploration program on its Hemlo West property (also referred to internally as Hemlo West / Black River because there are two underlying property agreements, and both property names may appear occasionally in this report). The 2019 program was restricted to the northeastern part of the property; the company had applied to MNRF to install a culvert where the logging road that gives access crosses Valley Creek. A previous culvert had been removed some time in the past. A permit was granted in August 2019, but there was insufficient time to purchase a new culvert and have it installed by the end of the "in-stream work window" on September 1st. The lack of work on the rest of the property should not be taken as implying a lack of mineral potential; the southern and western portions of the property are considered to be very prospective for gold.

PROPERTY, LOCATION AND ACCESS

The Hemlo West property is located between 85°55'49" and 86°05'00" west, and between 48°42'15" and 48°47'04" north, approximately 25 kilometres north of the town of Marathon on the north shore of Lake Superior. Figure 1 shows the location and figure 2 shows the claims that make up the property.

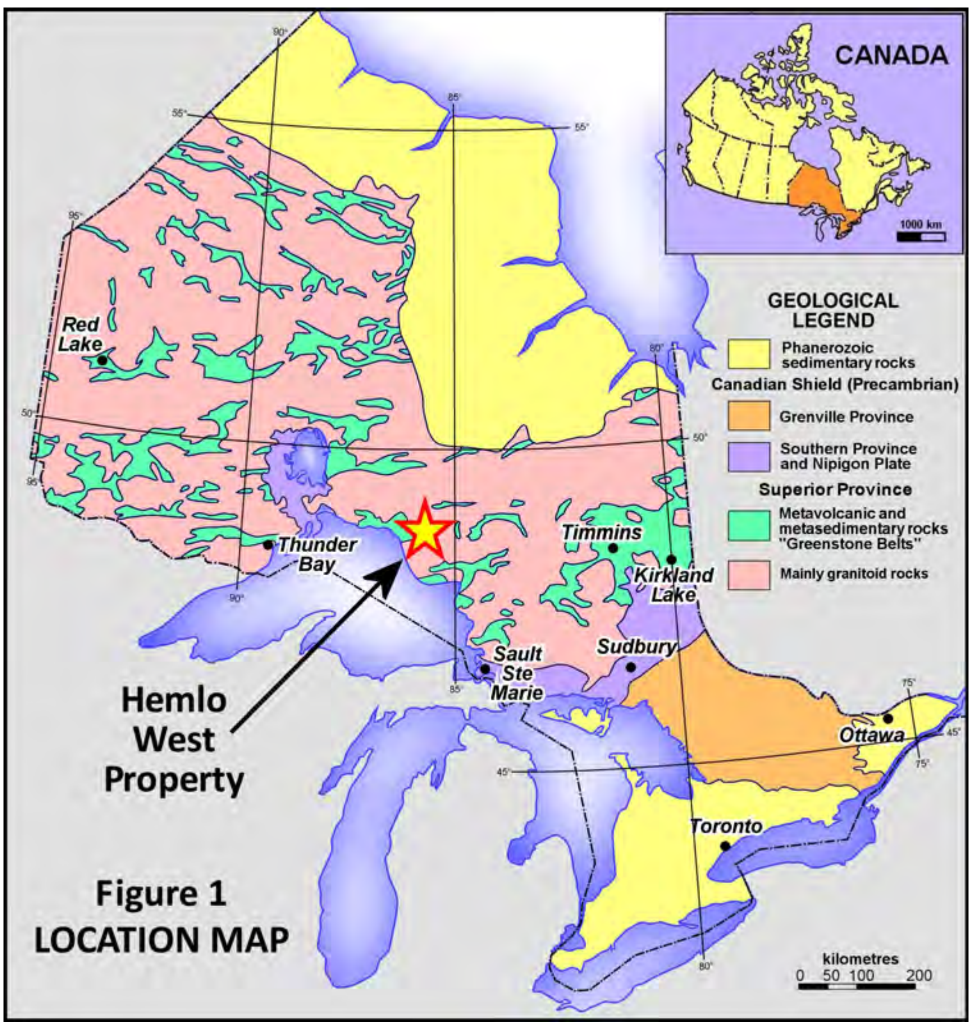


Figure 1
LOCATION MAP

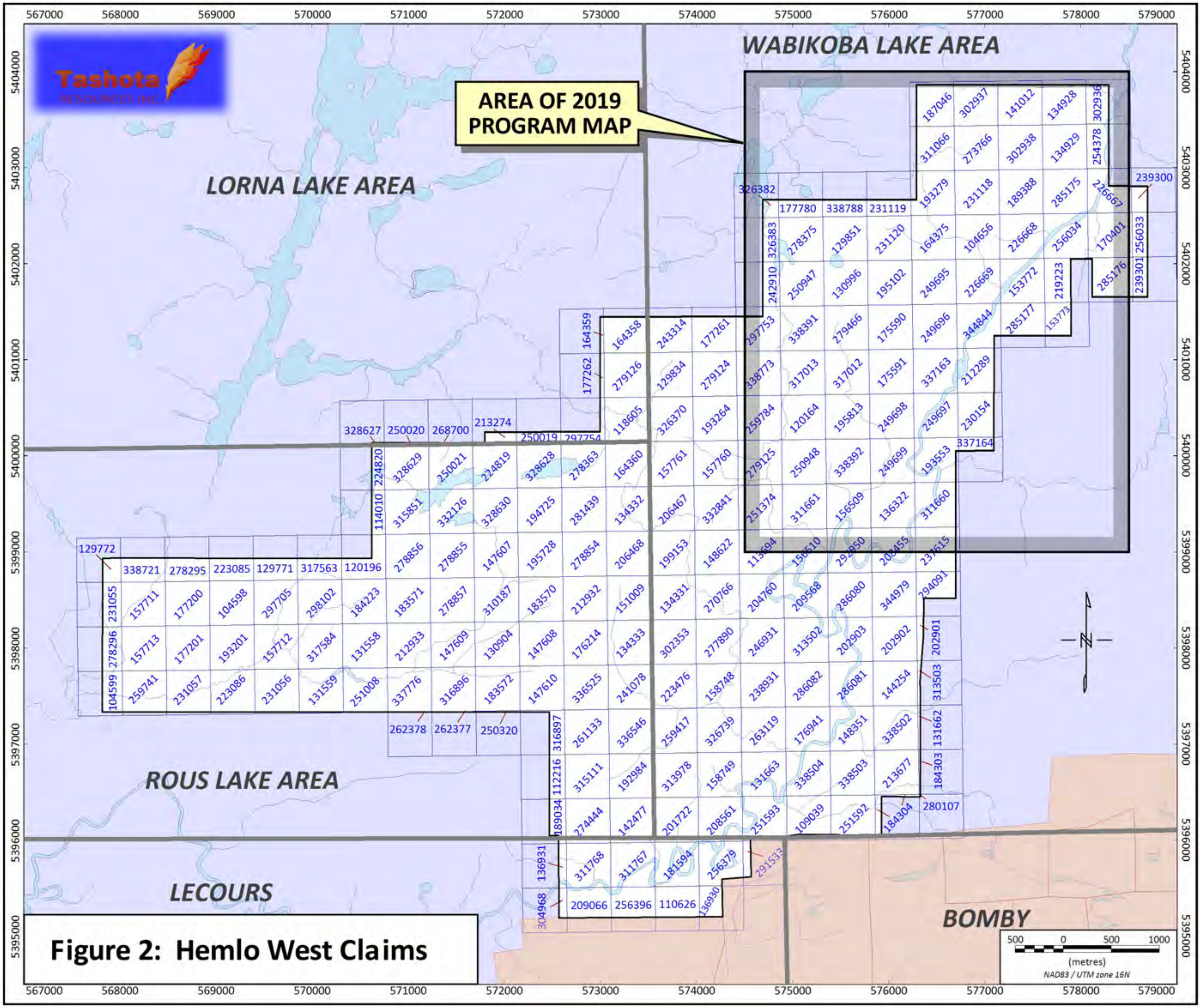


Figure 2: Hemlo West Claims

The property comprises 157 single cell mining claims and 73 boundary cell mining claims. Claim details are given in Appendix 2. Figure 2 shows the property and the claims that make it up. The area of the Hemlo West property is approximately 4,025 hectares (9,943 acres) as measured on the map. The property is held under option from Rudolf Wahl, prospector, of Marathon.

Access to the northeastern sector of the property where the 2019 program was carried out (also shown on figure 2) is from Highway 614, which departs from the Lake Superior branch of the Trans-Canada Highway (Hwy 17) at a point approximately 41 kilometres east of Marathon, and runs north to the town of Manitouwadge. Approximately 29 kilometres north of the Hwy 17/614 intersection, the Swede Road takes off to the east of Hwy 614 and then turns south for a distance of 15 kilometres. At that point the Swede Road, which is being actively used for forestry access, turns east again, and an unnamed logging road (referred to here as the "Valley Road") continues to the south for a further 8.5 kilometres to the property boundary.. The Valley Road, believed to date from the 1970s, is in very good condition, although the sides are somewhat grown in. A further 3.5 kilometres along the Valley Road reaches the Valley Creek crossing; this part of the road runs through the middle of the area covered by the 2019 exploration activity.

HISTORY AND PREVIOUS WORK

History of the Hemlo Area: The history of the Hemlo South property is intimately connected with the history of the three Hemlo gold mines (see figure 3). The Hemlo mines have exploited a single series of gold-bearing zones with a total length of 3.5 kilometres. The following is condensed from Muir et al. (1995).

In 1944, Peter Moses, an Ojibway prospector from Marathon, discovered gold at the site of the present Williams mine. Harry Ollmann and Dr. J.K. Williams staked the 11 claims that make up the core of the present Williams mine property. Stripping, trenching and shallow X-ray drill holes outlined a pyritic shear with gold assays up to 4.11 g/t.

In 1946, Trevor Page, Williams, Moses and Mel Bartley staked 33 claims adjoining the Ollmann-Williams property on what is now part of the Golden Giant and David Bell mine properties. Lake Superior Mining Corporation was formed and acquired the 33 claims. After stripping, trenching and 16 to 20 diamond drill holes, Page calculated a "reserve" of 28,675 short tons (st) grading 8.57 g/t Au in what was called the "Lake Superior Shear Zone" [Note: *this "reserve" and other subsequently published "reserves" are historical mineral resources that do not comply with current practice. They are, however validated by the subsequent production of over 20 million ounces of gold from these and other adjacent zones*].

Subsequently, the Lake Superior Mining Corporation property was optioned to Teck-Hughes Gold Mines Ltd., which carried out additional drilling and increased the "reserve" to 81,000 st of 6.86 g/t Au. The option was dropped and the property again optioned to Cusco Mines Ltd., which did not raise any capital and returned the claims.

In the early 1970s John Hellenon had staked part of the former Lake Superior Mining Corporation ground, and optioned his claims to Ardel Explorations Ltd. Ardel drilled three holes and increased the "reserve" on the Lake Superior Shear Zone to 135,000 st at 7.20 g/t Au. The option was subsequently dropped.

Figure 3 shows the three Hemlo area properties that Tashota Resources Inc. holds under option.

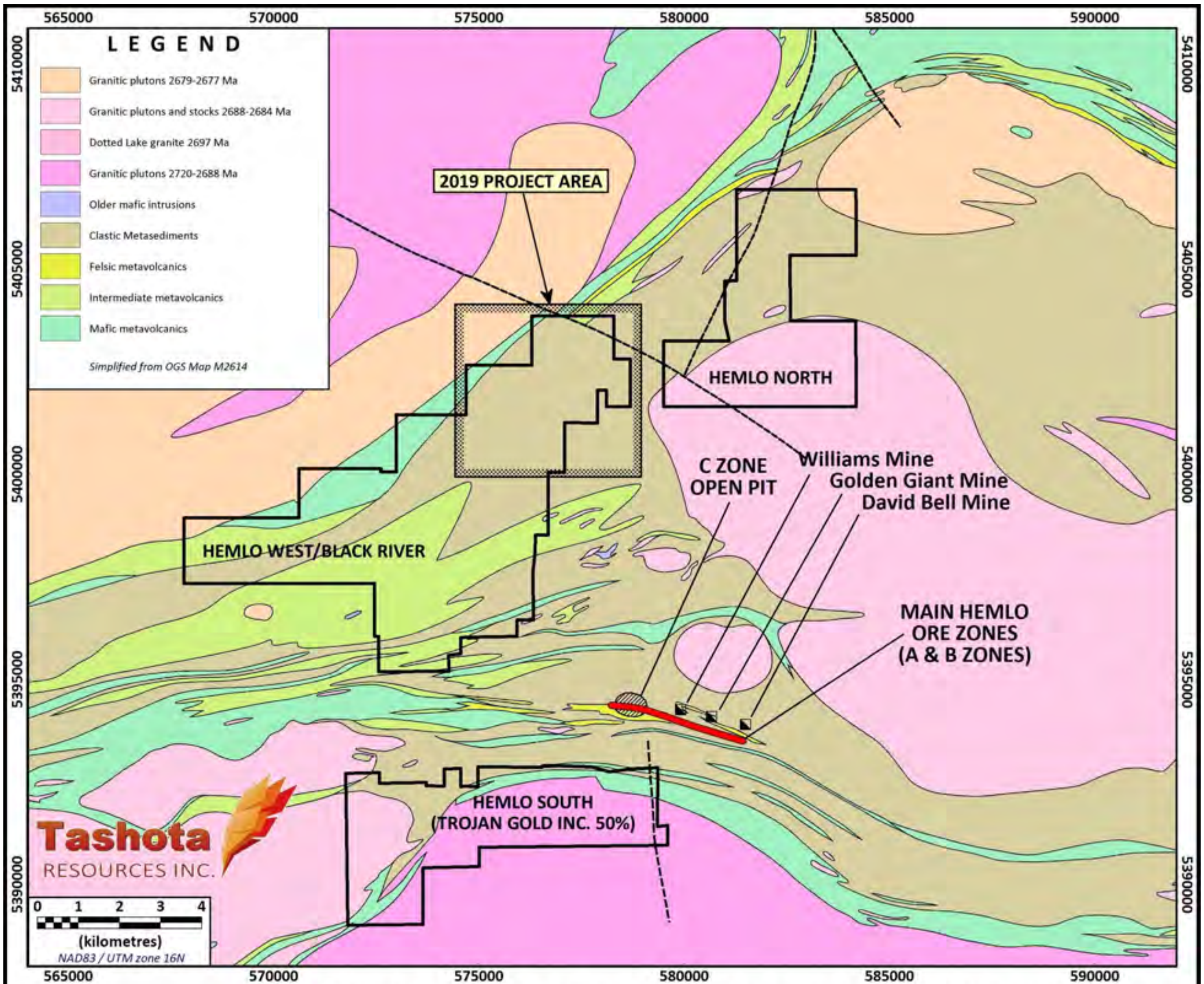


Figure 3 TASHOTA RESOURCES INC. - HEMLO WEST 2019 FIELD PROGRAM

In the late 1970s, Copper Lake Explorations carried out a ground VLF survey and soil sampling on claims optioned from Roy Newman that covered part of the former Lake Superior-Ardel property.

In December 1979, Don McKinnon staked 12 claims covering the former Newman-Copper Lake property west of the Ollmann-Williams ground, and John Larche staked 14 claims on the former Lake Superior-Ardel ground east of the Ollmann-Williams. They pooled their claims and received grubstake financing from Claude Bonhomme and Rocco Schiralli. This allowed them to stake another 156 claims, which were optioned to Golden Sceptre Resources Ltd. and Goliath Gold Mines Ltd. Corona Resources optioned the original 14 Larche claims. Surface work comprising line cutting and magnetic and VLF surveys was initiated by David Bell, consulting geologist.

In 1981 Corona commenced the first major drilling program in the Hemlo area. Seventy holes on the original Lake Superior-Ardel ground increased the "reserve" to 681,000 st @ 3.43 g/t Au before stepout drilling started. Corona's hole 76 intersected what is now the main ore zone with 7.16 g/t Au over 3.2 metres. Lac Minerals, which had conducted a property examination of Corona's property, and Corona itself both made attempts to acquire the Ollmann-Williams property from Lola Williams, the widow of Dr. Williams. Lac's offer was successful. Meanwhile, Lac had positioned itself by staking a large block of claims east of the Goliath-Golden Sceptre property. Lac's acquisition of the Williams claims prompted a lawsuit from Corona. Also in 1981, Teck Corporation formed a joint venture with Corona on the former Lake Superior-Ardel property.

In 1982, Lac Minerals' drilling program intersected the main ore zone on the Williams property with 6.17 g/t Au over 24.4 metres. The Goliath-Golden Sceptre joint venture was also drilling, and prompted by the Lac discovery, drilled the main ore zone on the former Lake Superior-Ardel claims east of the Williams property, returning 8.78 g/t Au over 29.9 metres. Noranda Mining and Exploration Limited entered the Hemlo area by optioning the Goliath-Golden Sceptre claims. A staking rush was well under way by 1982, with 20,000 claims recorded by McKinnon alone [Note: *at that time, mining claims in Ontario were all nominally 40 acres or 16 hectares in size; the multi-unit claim was not introduced until 1991*]

Noranda commenced production at the Golden Giant Mine (Goliath-Golden Sceptre property) in 1985. Also in 1985, Lac Minerals commenced production at the Williams Mine. In 1986 Teck-Corona began production at the David Bell Mine. Also in 1986, Corona's suit against Lac Minerals was settled in Corona's favour and Lac Minerals had to transfer the now fully operational Williams mine to Teck-Corona. This was a historic moment in Canadian mining law; it established "fiduciary responsibility" as a recognized legal concept. From that point on, confidentiality agreements that limit the ability of the major company to use information from a property visit to its own benefit (and to the detriment of the hosts of the visit), have become standard whenever a major company examines the property of a junior exploration company.

Production from the Hemlo gold mines: Production from the Golden Giant mine ceased in 2006, and the David Bell mine closed in 2014. Barrick Gold, which had acquired all three mines, continues producing from the Williams mine. To the end of 2018, the combined production from all three Hemlo mines was 22.23 million ounces. At year-end 2018, Barrick reported proven plus probable reserves at the Williams mine of 1,924,000 ounces of gold at 2.48 g/t, in addition to measured plus indicated resources of 1,574,000 ounces at 1.30 g/t and inferred resources of 653,000 ounces at 3.37 g/t [Note: *the reserves and resources are a blend of lower grade ore that is being and will be mined by open pit, and higher grade ore which is being and will be mined underground*]. Adding these reserves and measured plus indicated resources to past production gives a total gold endowment for the Hemlo gold deposit (to date, exclusive of inferred resources) of 25.73 million ounces (Puumula et al, 2014; Barrick Gold Corp. Annual Reports 2014 to 2018, Barrick Gold Corp. NI43-101 report April 25th, 2017, all filed on www.SEDAR.com). It may be noted that between the 2016 and 2018 year-ends, the Williams mine produced 403,000 ounces of gold while exploration and development added 640,000 ounces, for a net increase of 237,000 ounces.

History of the Hemlo West Property: The following historical review covers only the northeastern part of the Hemlo West property, i.e. the 2019 project area. Figure 4 is a map of the area showing areas covered by historical exploration activities. Like much of the Hemlo greenstone belt, there was little or no serious exploration before the discovery of the Hemlo gold deposit, after which there was a flurry of activity in the mid-1980s. The level of exploration then dropped off as no new major discoveries were made.

The first recorded activity in the Valley Creek area was the discovery of zinc-lead mineralization by W. Kusins and partners in 1962 (Milne, 1968). The Kusins occurrence lies 235 metres north of the north boundary of the Hemlo West claims. Cominco drilled 4 X-ray drill holes with a total length of 222 metres, but reported no assays (Cominco, 1965).

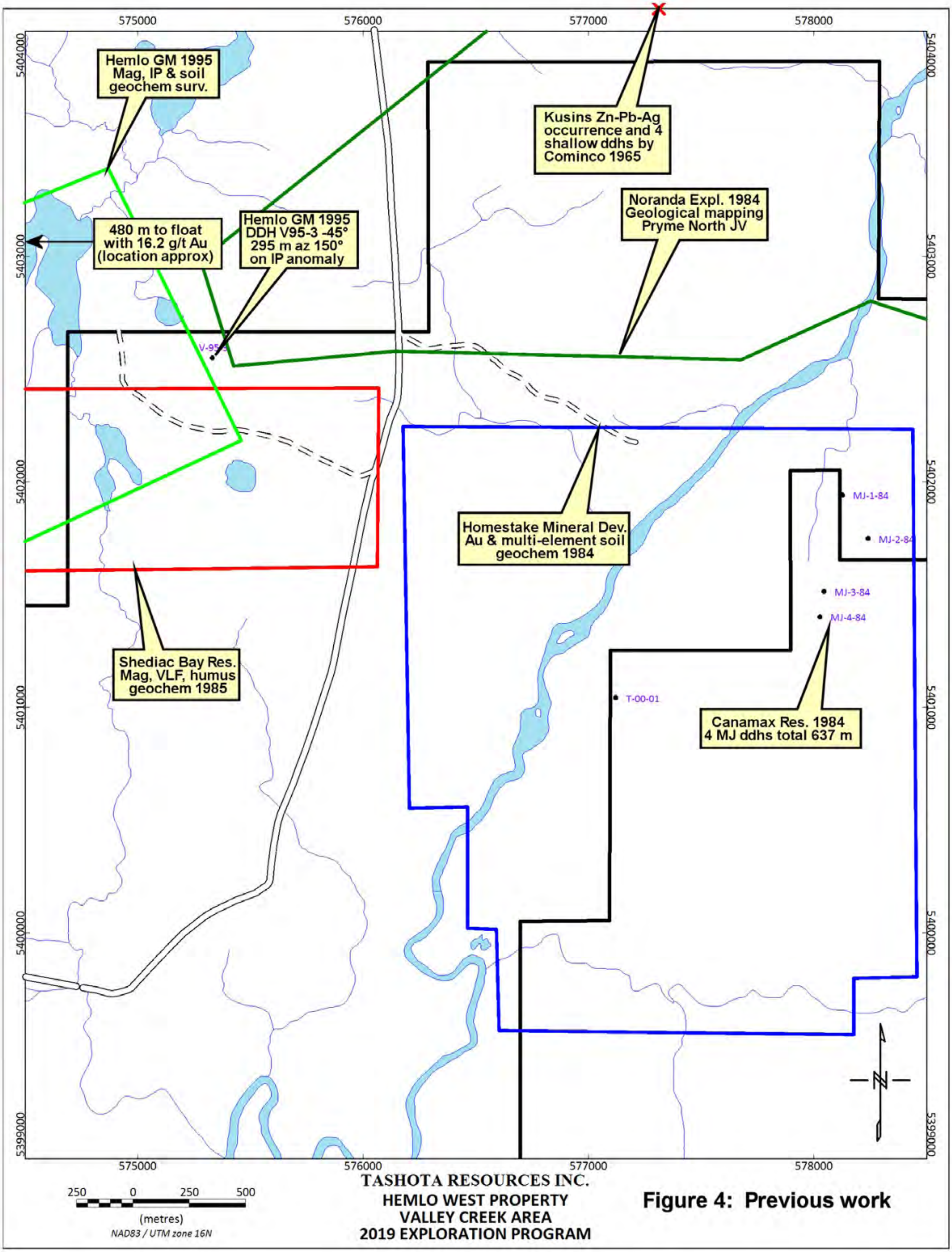


Figure 4: Previous work

The Kusins occurrence was staked by prospector D. Saunders in 1992, who carried out a modest program of prospecting, magnetic and VLF-EM surveying and sampling. The mineralization was reported to consist of disseminated pyrite, sphalerite and galena in cross fractures within a 2 metre wide silicified zone in mafic volcanics (Milne, 1968). A grab sample taken for Saunders contained 10.74% Zn, 8.95% Pb, 8.7 g/t Ag and 340 ppb Au (Simoneau, 1992). The Kusins occurrence was again re-staked by prospector Brian Fowler in 2000, who carried out limited mapping and prospecting funded by an OEC grant (Dick, 2000).

In 1983-1984, Noranda Exploration Company carried out geological mapping over the Pryme North JV, a very large property extending for over 15 kilometres in a northeasterly direction from Valley Lake. Mapping was restricted to a 1-kilometre wide grid covering the northwest edge (i.e. the stratigraphic base) of the volcanic-sedimentary package. This corresponds to the stratigraphic level of the host rocks of the Hemlo gold deposits. The southwestern end of the Noranda mapping extends over the most northerly part of the Hemlo West property. The 1983-1984 mapping recognized the same general geological units as the present program (Kemp, 1984).

In 1983, Homestake Mineral Development Company carried out a large soil geochemical survey over a 2.2 km by 2.6 km block called the Tylox property, of which the northwestern half lies within the present Hemlo West property. A total of 725 soil samples were analysed for gold by fire assay and multi-elements by ICP. No anomalies were located (Staargaard, 1984).

In 1985, Shediac Bay Resources carried out linecutting, magnetic and VLF-EM surveys and a humus geochemical survey with gold analysis by neutron activation over a property whose eastern half lies within the Hemlo West property. There were no geochemical anomalies (Hartwick & Woolham, 1985).

In 1984, Canamax Resources drilled four holes totaling 637 metres east of the Black River. The drill hole locations are uncertain, and two of the holes may or may not lie within the area of the Hemlo West property. Core was analysed for gold; all assays were reported, and there were no gold values (Canamax, 1984).

In 1983, Aerodat carried out an airborne magnetic and electromagnetic survey of the entire Hemlo greenstone belt. The data were subsequently purchased by the OGS, who reprocessed it and published it (OGS, 2002).

No work was reported for the 10 years following 1984-1985 until Noranda (as Hemlo Gold Mines) re-acquired portions of the northern flank of the Hemlo greenstone belt. Magnetic and IP surveys, and a soil geochemical survey for gold only, were carried out in 1995 over a grid whose northeastern end extends onto the Hemlo West property. A single 295-metre diamond drill hole, V95-3, was put down on an IP anomaly at the northeastern end of the grid. It intersected mafic volcanics, sandstone, feldspar porphyry and conglomerate. A 3 metre wide graphitic argillite explained the IP anomaly (Thomson, 1995; Thomson & Sharpe, 1995). A map in the drilling report (Thomson, 1995) shows the location of a sample of float 480 metres west of Valley Lake. Dick (2000) reports that the float was found by prospector Mick Stares, that it consisted of mafic volcanic with 20% pyrite, and that it assayed 16.2 g/t Au.

In 2015, Tashota Resources Inc. acquired an option on the Hemlo West-Black River property from Rudolf Wahl. In 2016, Tashota carried out a heliborne magnetic, time-domain electromagnetic and radiometric survey (Bowdidge & Dubé, 2017). In 2017, a limited amount of prospecting was done in the extreme southern part of the property (Bowdidge, 2017).

REGIONAL GEOLOGY

The Hemlo greenstone belt lies within the Abitibi-Wawa Terrane, which is well known for its prolific gold endowment. It has produced well over 200 million ounces of gold from over a hundred individual mines, and new resources and reserves continue to develop. Figure 3 shows the geology of the central part of the Hemlo greenstone belt. Like most greenstone belts in the Canadian Shield, it is surrounded by granitoid rocks including later intrusives and earlier, generally migmatitic bodies that represent the basement, often partly remobilized, on which the surficial rocks of the belt were deposited.

The Hemlo belt is bounded on the south by the Pukaskwa Batholith (or Pukaskwa Gneissic Complex), and on the northwest by the Black-Pic Batholith. Both are “early” and probably represent remobilized basement rocks to the greenstone belt. The belt is intruded by later felsic intrusives which form large bodies (Cedar Lake, Heron Bay, Gowan Lake and Musher Lake Plutons) as well as smaller bodies. The largest of these smaller bodies is the 1.5 × 2.5 km Cedar Creek Stock, just north of the Hemlo gold mines, and there are numerous smaller intrusive bodies. The smallest felsic intrusives tend to be quartz- and/or feldspar-porphyries, which typically do not show on smaller-scale maps like that in figure 3, but are identified on property-scale maps filed for assessment work by companies.

In terms of its volcanic-sedimentary stratigraphy, the Hemlo greenstone belt is unusual in having a relatively small proportion of mafic volcanic flows, which form a roughly estimated 10 percent of the total volume of surficial rocks. Mafic volcanic flows form the apparent base of the stratigraphic sequence, around the margins of the belt, which is a typical feature of the greenstone belts of the Canadian Shield. The core of the belt is made up of felsic to intermediate flows and pyroclastics, and clastic metasediments. The field identification of many of these rocks is difficult; the early mapping by Muir (1980, 1982) showed them as mainly pyroclastic, while his later map (Muir, 2000) shows the majority to be metasediments. The relatively high grade of metamorphism, greenschist transitional to lower amphibolite facies in the core of the belt, grading to mid- to upper-amphibolite near the margins, has made rock identification difficult, even for experienced mappers.

An important sedimentary rock type in the Hemlo belt is conglomerate. A conglomerate unit is present beside the main gold zone at the Hemlo mines. Conglomerate has also been mapped in the big “V” of the interfingering contact between intermediate volcanics/pyroclastics and metasediments, 6 kilometres northwest of the gold mines (Coster et al., 1984). Poulsen (2013) has articulated a (sometimes loose) spatial association between gold “camps” and conglomerates that is perhaps not as widely recognized as it should be. Possible underlying genetic reasons for the association are based on geological inferences and are discussed in detail by Poulsen (2013).

2019 EXPLORATION PROGRAM

Field work was carried out by Tashota Resources Inc from October 8th to November 5th, 2019. Personnel were:

- Stephen Hamer (Belham Inc.) Backhoe excavator (Cat 312) operator, Kaministiquia, Ontario
- Philip Houghton, prospector, Beardmore, Ontario
- Bill Spade, prospector, Thunder Bay, Ontario
- Colin Bowdidge. Geologist, Toronto, Ontario

The following quantifiable activities were included in the program:

- 33 trenches on TDEM anomalies or resistivity highs
- 14 linear strips with an aggregate length of 1154 metres
- 113 grab samples of rock with possible sulphide mineralization collected and sent for analysis for gold and 61 elements.
- Geological mapping of 2.4 km²
- 38 man-days of prospector activities including: grass-roots prospecting; locating and flagging access trails for the excavator; monitoring trenching; monitoring stripping to expose bedrock; collecting grab samples for analysis.

TRENCHING ON GEOPHYSICAL TARGETS

The first part of the exploration program comprised digging test pits on geophysical anomalies. Mostly, these were selected conductors from the 2016 TDEM® survey. Others were discrete areas of anomalously high resistivity from the 1983 Aerodat EM survey (reprocessed and publish by OGS, 2002). Table 1 gives a list of the anomalies tested. Targets identified by letters (with or without an appended numeral) were TDEM anomalies, and targets identified by number (with or without an appended letter) were Aerodat high-resistivity targets. These were not expected to expose conductive zones, but presented possible opportunities to examine the bedrock.

Table 1 gives a list of the targets tested by trenching, with notes on the results

TABLE 1 - HEMLO WEST PROJECT 2019 - BACKHOE TRENCHES ON ELECTROMAGNETIC ANOMALIES					
Target ID	UTM Easting	UTM Northing	Date Tested	Target Type	Observations and notes
A	575004	5399758	2019-10-11	TDEM-2	No bedrock to 5 metres, overburden all wet clay
B	575093	5399709	2019-10-11	TDEM-2	No bedrock to 5 metres, overburden all wet clay
D	575295	5399591	2019-10-11	TDEM-2	No bedrock to 5 metres, overburden all wet clay
G	574997	5399523	2019-10-11	TDEM-2	No bedrock to 5 metres, overburden all wet clay
H	575088	5399521	2019-10-11	TDEM-2	No bedrock to 5 metres, overburden all wet clay
C	575202	5399706	2019-10-12	TDEM-3	No bedrock to 5 metres, overburden all wet clay
E	575399	5399561	2019-10-12	TDEM-3	No bedrock to 5 metres, overburden all wet clay
F	575498	5399501	2019-10-12	TDEM-2	No bedrock to 5 metres, overburden all wet clay
I	575202	5399496	2019-10-12	TDEM-2	No bedrock to 5 metres, overburden all wet clay
J	575297	5399462	2019-10-12	TDEM-1	No bedrock to 5 metres, overburden all wet clay
A1	574898	5399958	2019-10-13	TDEM-2	No bedrock to 5 metres, overburden all wet clay
A2	575004	5399949	2019-10-13	TDEM-2	No bedrock to 5 metres, overburden all wet clay
A3	575103	5400023	2019-10-13	TDEM-2	No bedrock to 5 metres, overburden all wet clay
A4	575204	5400067	2019-10-13	TDEM-1	No bedrock to 5 metres, overburden all wet clay
A5	575298	5400086	2019-10-13	TDEM-1	No bedrock to 5 metres, overburden all wet clay
A6	575301	5399931	2019-10-13	TDEM-2	No bedrock to 5 metres, overburden all wet clay
A7	575407	5399980	2019-10-13	TDEM-1	No bedrock to 5 metres, overburden all wet clay
A8	575501	5399943	2019-10-14	TDEM-1	No bedrock to 5 metres, overburden all wet clay
B2	575299	5400264	2019-10-14	TDEM-1	No bedrock to 5 metres, overburden all wet clay
B3	575404	5400277	2019-10-14	TDEM-1	No bedrock to 5 metres, overburden all wet clay
C2	575392	5400542	2019-10-14	TDEM-1	No bedrock to 5 metres, overburden all wet clay
C3	575496	5400569	2019-10-14	TDEM-1	No bedrock to 5 metres, overburden all wet clay
102	575123	5402295	2019-10-15	High-res	No bedrock to 5 metres, overburden is fine sand
105	575960	5401436	2019-10-15	High-res	No bedrock to 5 metres, overburden is fine sand
T2	576000	5401084	2019-10-15	TDEM-1	No bedrock to 5 metres, overburden all wet clay
(101)	575003	5402408	2019-10-15	High-res	Edge of natural outcrop - becomes strip 1
103	575150	5402140	2019-10-17	High-res	No bedrock to 5 metres, overburden is fine sand
104	575170	5401734	2019-10-17	High-res	No bedrock to 5 metres - overburden is gravel
103B	575156	5402030	2019-10-17	High-res	No bedrock to 5 metres - overburden is gravel
103C	575173	5401870	2019-10-17	High-res	No bedrock to 5 metres - overburden is gravel
(107)	577008	5402875	2019-10-18	High-res	Bedrock exposed - becomes strip 2
T5	576804	5403543	2019-10-25	TDEM-1	Bedrock at 2 m, sample 882229 quartzite no conductor
T6	576702	5403809	2019-10-25	TDEM-1	No bedrock to 5 metres, overburden all wet clay
TDEM-1: conductor time constant (tau) <0.25 msec, TDEM-2: tau 0.25 to 0.50 msec, TDEM-3: tau 0.50 to 0.75 msec					

Figure 5 shows the TDEM anomalies, the Aerodat apparent resistivity, and the trench locations.

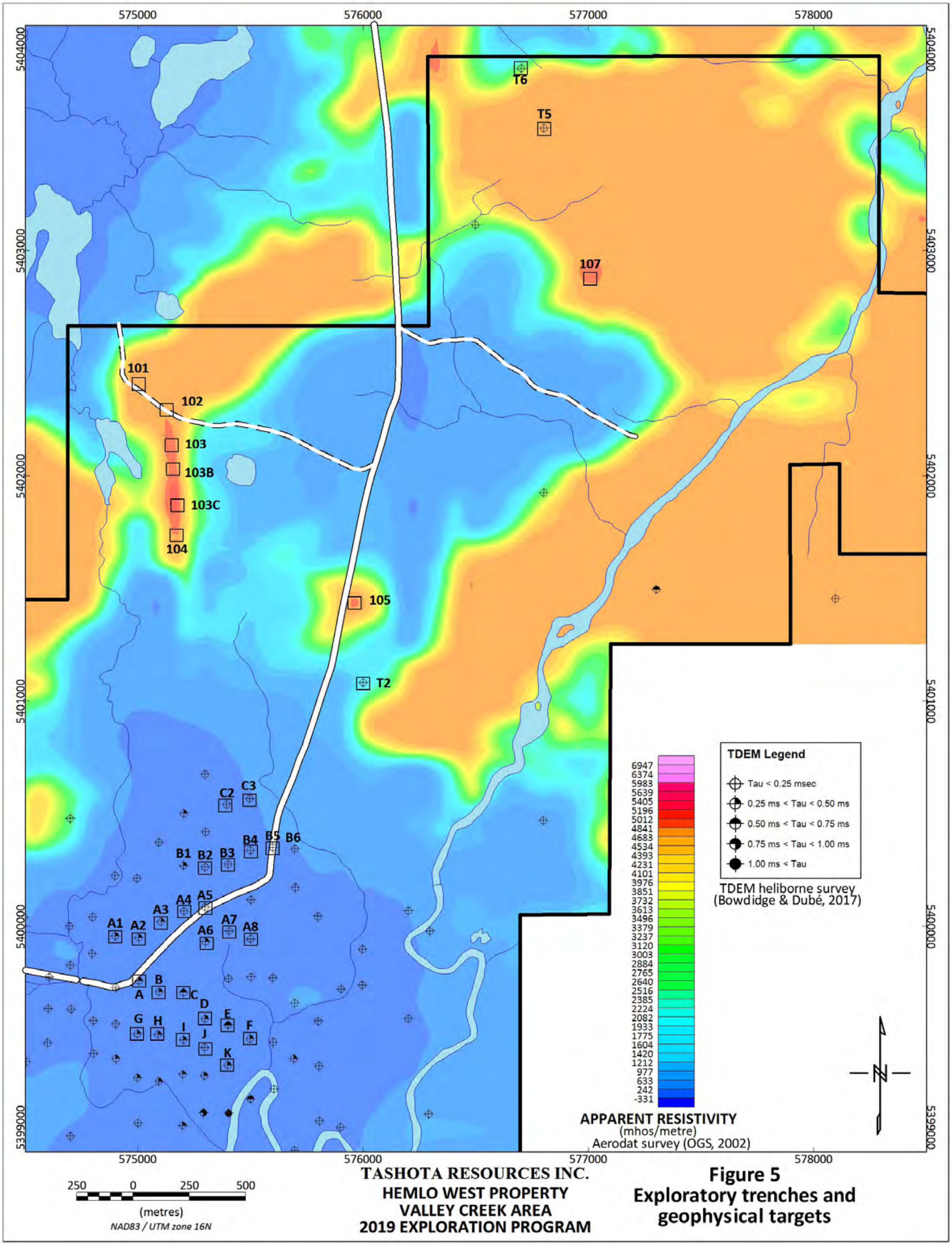


Figure 5
Exploratory trenches and geophysical targets

All the TDEM® anomalies (except T5) that were tested gave very similar results. In every case, a test pit was dug to a depth of 5 metres, which is the maximum reach of the boom on the Caterpilllar 312 excavator, and in every case, the overburden was composed of grey-blue lacustrine clay. The clay was uniformly wet; keeping the pit open was often difficult as the sides kept slumping in.

The only TDEM anomaly that was not in an area of clay was T5, in the northern part of the project area. Bedrock was exposed at a shallow depth; it consisted of uniform quartzite with variable biotite content (sample 882229). There was no indication of conductivity. However, the anomaly was in the weakest category of conductor and could have been caused by a transient response, or a local feature in bedrock topography. Time domain EM surveys do not respond to conductive overburden like the frequency-domain surveys that they have largely superseded; however they do occasionally give spurious responses that seem to be related to irregularities in bedrock topography. The geophysical community has not fully resolved how such features cause apparent conductive anomalies.

The high-resistivity anomalies were very well explained. Target 101 was at the edge of a 25-metre high bedrock ridge, and the trench became strip 1. Target 107 was also on the side of a hill that reached a maximum height of over 50 metres. Strip 2 was dug along the side of the hill.

Targets 102, 103 and 105 were all tested with pits to a depth of 5 metres. The overburden exposed was a uniform white, very fine sand. Targets 103B, 103C and 104 were on the crest of a prominent north-south ridge. The three trenches all exposed gravel with clasts that included a substantial portion of carbonate sediments from the James Bay Lowlands. This pointed an origin as glacial outwash deposited by a stream issuing from a retreating ice sheet, at the edge of the lake in which the clay was deposited. The sandy areas would possibly have been beaches at the edge of that lake.

Surficial Geology: The information gained from the trenches, combined with field observations enabled the creation of a rough map of the surficial geology, presented here as figure 6. Almost all the land above the 300 metre contour comprises bedrock ridges with thin till cover (typically 1 to 2 metres). Most of the land below the 300 metre contour is covered in clay. The 300 metre level is the maximum level attained by Lake Superior during late deglaciation of the Laurentide ice sheet, and the Valley Creek area would have been a somewhat sheltered inlet of the maximal Lake Superior, an ideal environment for deposition of clay from outwash streams. The clay deposits have well developed varves, typically 3 to 5 cm thick, which means that the 40 metre observed thickness of clay (from 260 to 300 metres RL) would have required a lake that remained in place for between 1,000 and 1,600 years. This is within the range of dates given by Dyke (2004) for the period that the north shore of Lake Superior was within the vicinity of the retreating edge of the ice sheet (approximately 11,000 to 9,000 radiocarbon years BP).

Possible Explanation of the TDEM Anomalies: As noted above, time-domain EM surveys very seldom give much of a response to conductive overburden. It would not be justifiable to write off these anomalies as “just” caused by wet clay. The individual conductive responses are aligned along ENE-WSW and ESE-WNW trends. The former trend is close to the strike of the volcanic-sedimentary stratigraphy, and the ESE-WNW trend corresponds to possible cross-cutting structures that can be interpreted from the regional magnetic data. These patterns suggest that the conductors may be caused by weakly conductive in the bedrock, whose response to the survey was amplified by their being overlain by a layer of wet clay.

On this basis, the TDEM anomalies are still probable indications of structures or stratigraphic units in the basement that may be associated with alteration, and should be tested by diamond drilling.

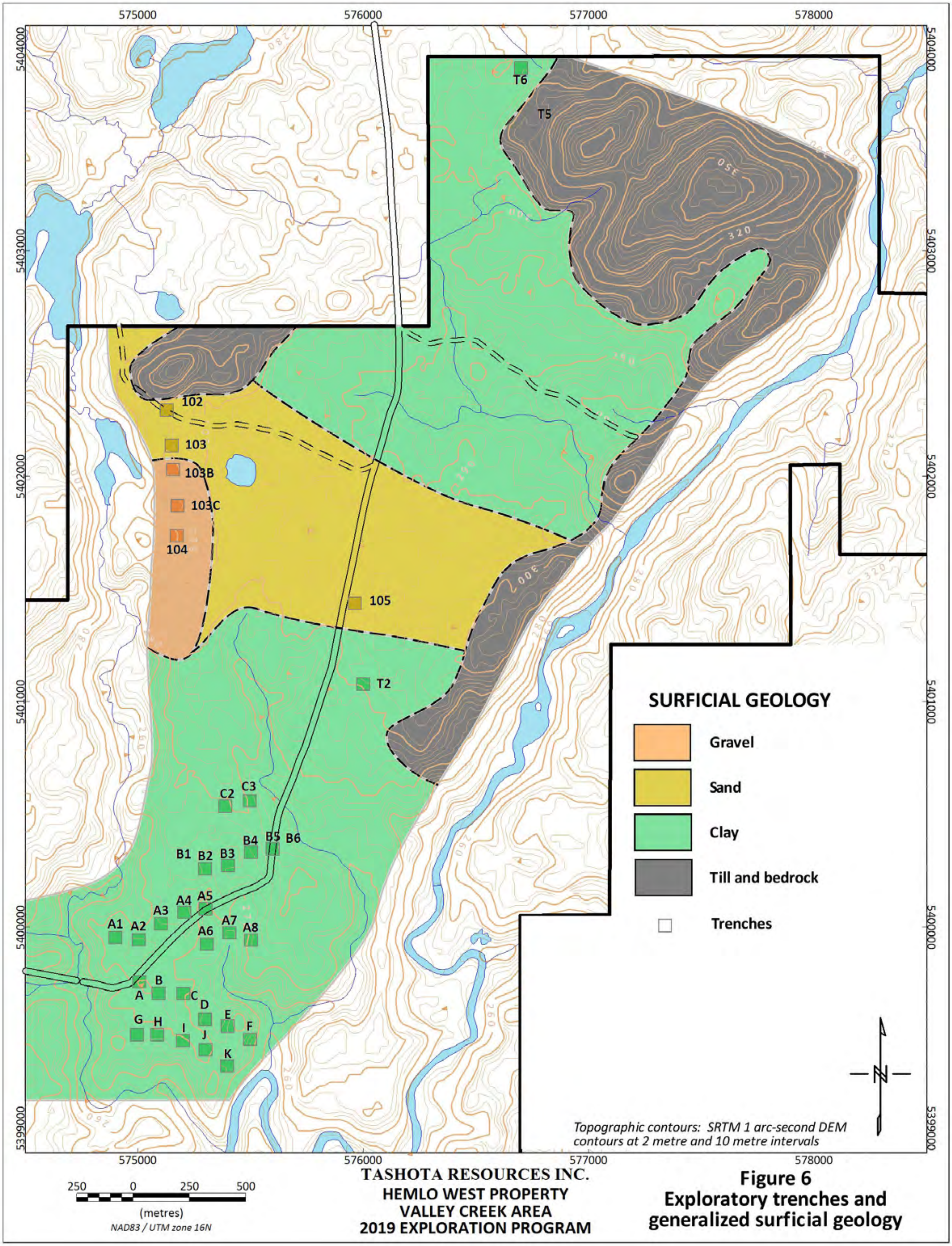


Figure 6
Exploratory trenches and generalized surficial geology

PROSPECTING, STRIPPING AND SAMPLING

These three activities are closely linked. The two prospectors on the crew were Bill Spade of Thunder Bay and Philip Houghton of Beardmore. They divided their time between [a] reconnaissance-level prospecting [b] selecting routes for access trails and [c] monitoring the progress of the excavator as it opened up a strip and taking grab samples of mineralized or potentially mineralized rocks.

Stripping: The excavator used for stripping was the same Caterpillar 312 backhoe that was used for making test pits on geophysically selected targets, owned by Belham Ltd of Kaministiquia and operated by Stephen Hamer. Prospecting and stripping were mainly restricted to the hills in the extreme north of the property; the rest of the project area was covered in deep overburden with a total absence of outcrop. The hills are typically covered with 1 to 2 metres of brownish-ochre, oxidized till. Despite the thin overburden, natural outcrops are not abundant. Figure 7 shows a typical strip, where the overburden excavated to expose rock over a width of 1 to 2 metres has been used to make a trail along the side of the strip, sufficiently smooth to allow easy movement of the excavator and an ATV.

Figure 7: Strip 2 and excavator

Fourteen separate strips were opened up, with an aggregate length of 1154 metres. Table 2 gives the locations, lengths and date of excavation of the strips. Strips are shown on Plate 1 (geology) and Plate 2 (sample locations and sample numbers); they are shown with their true lengths but their widths are exaggerated for the purposes of displaying geology and sample locations. As stated above, most strips are between 1 and 3 metres wide, averaging about 2 metres, so that the total area exposed is approximately 2300 m².

TABLE 2 - STRIPPING SUMMARY				
Strip No.	**UTM Easting**	**UTM Northing**	**Date stripped**	**Length (m)**
1	575001	5402409	2019-10-16	58
2	577002	5402884	2019-10-18	124
3	577282	5402092	2019-10-21	120
4	577106	5403385	2019-10-23	74
5	577062	5403420	2019-10-23	122
6	577277	5403334	2019-10-26	98
7	577326	5403335	2019-10-26	62
8	577406	5403353	2019-10-27	92
9	577620	5403263	2019-10-29	152
9a	577599	5403351	2019-10-29	38
10	577438	5403529	2019-10-29	33
11	577505	5403433	2019-10-28	37
12	577485	5403393	2019-10-28	12
13	577163	5403296	2019-10-30	132
TOTAL				**1154**

The stripped areas were not washed during the 2019 program. No obvious mineralized zones were located by the work, and washing was not necessary. The excavator did a very good job of cleaning the rock surface, sufficient to identify lithologies and permit sampling of any zones with low sulphide contents.

Prospecting: The prospectors performed three separate functions. They made reconnaissance traverses of the high ground in the north of the property and identifying areas of interest to be stripped. They also selected and flagged routes for access trails to be made by the excavator on its way to targets. Finally, they monitored the stripping, guiding the excavator and deciding when a strip should be finished. Grab samples of rocks showing any signs of sulphide mineralization were collected by the prospectors during their reconnaissance traverses, and also from the stripped areas as they were opened up. The prospectors recorded tracks on their hand-held GPS units. Appendix 2 shows their composite tracks, coloured by date. The maps in Appendix 2 show traverses made as they marked access trails during the trenching phase of the program, as well as prospecting traverses and trail marking during the stripping phase.

Plate 2 shows the stripped areas and the locations and numbers of the grab samples submitted for analysis. Appendix 1 gives sample locations, numbers, brief descriptions and analytical results for gold, silver, arsenic, copper and zinc.

Analysis: Samples were sent to Activation Laboratories in Thunder Bay for analysis. Gold was determined by fire assay on 30-gram splits. A 61-element suite of analyses determined by ICP-MS or ICP-OES on a 4-acid digestion (ActLabs "Ultratrace UT-6") was also included. Appendix 4 presents the complete certificate of analysis.

Future work on this property will include studies of whole-rock and trace element geochemistry.

Lithogeochemistry: Figures 8 to 11 show concentrations of silver, arsenic, copper and zinc by sized/coloured symbols. Although the maximum values for silver, copper and zinc are well below economic levels, there is a definite distribution of the higher values. Arsenic was chosen as a potential proxy for gold, since all the gold results are below the 5 ppb detection limit (one sample contained 7 ppb).

There appears to be a trend that includes elevated Ag, As, Cu and/or Zn over a width of about 600 metres, that includes the granite "sill" and the conglomerate/agglomerate band that parallels it.

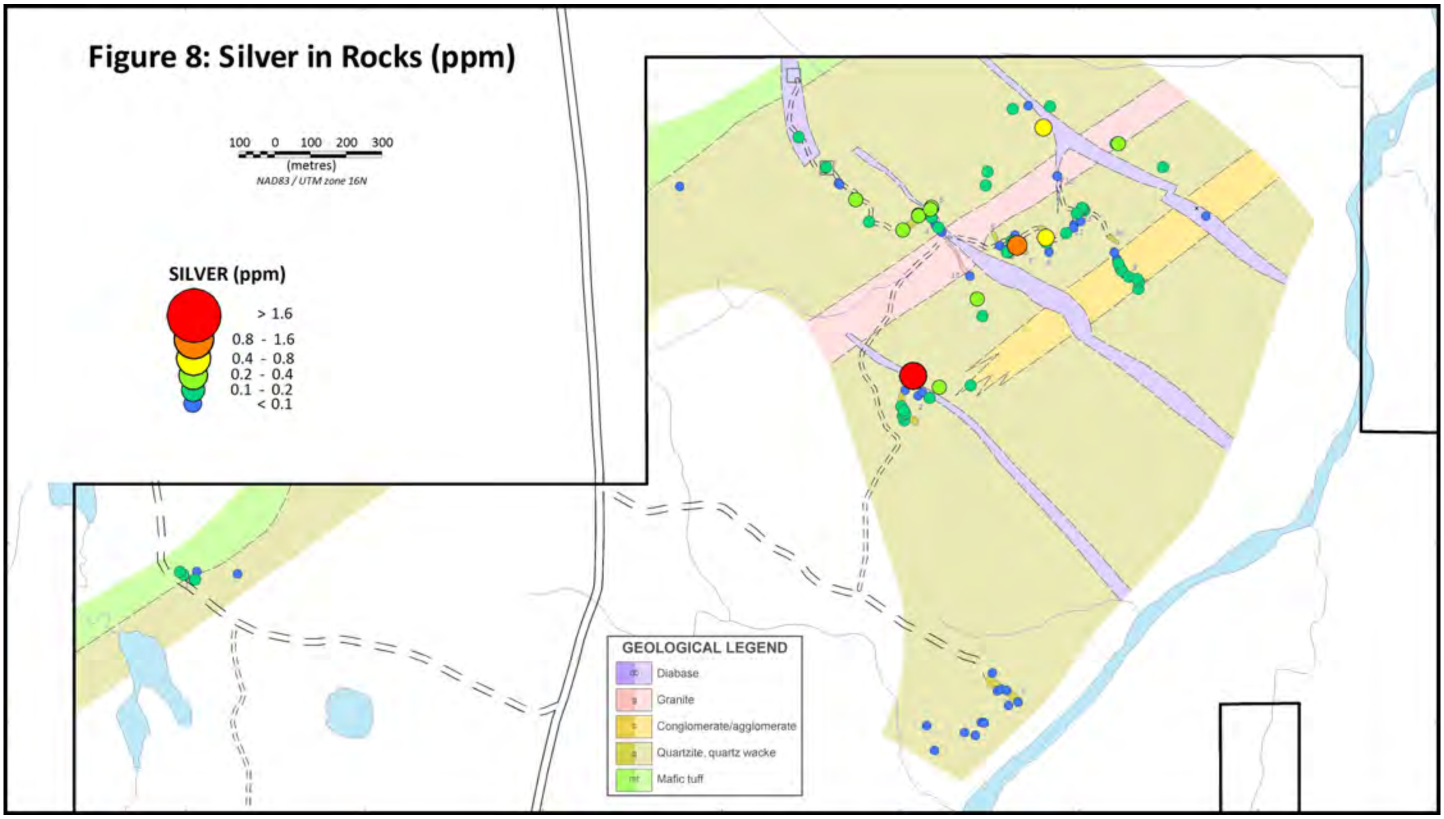


Figure 8: Silver in Rocks (ppm)
100 0 100 200 300
(metres)
NAD83 / UTM zone 16N
SILVER (ppm)
> 1.6
0.8 - 1.6
0.4 - 0.8
0.2 - 0.4
0.1 - 0.2
< 0.1
GEOLOGICAL LEGEND
Diabase
Granite
Conglomerate/agglomerate
Quartzite, quartz wacke
Mafic tuff

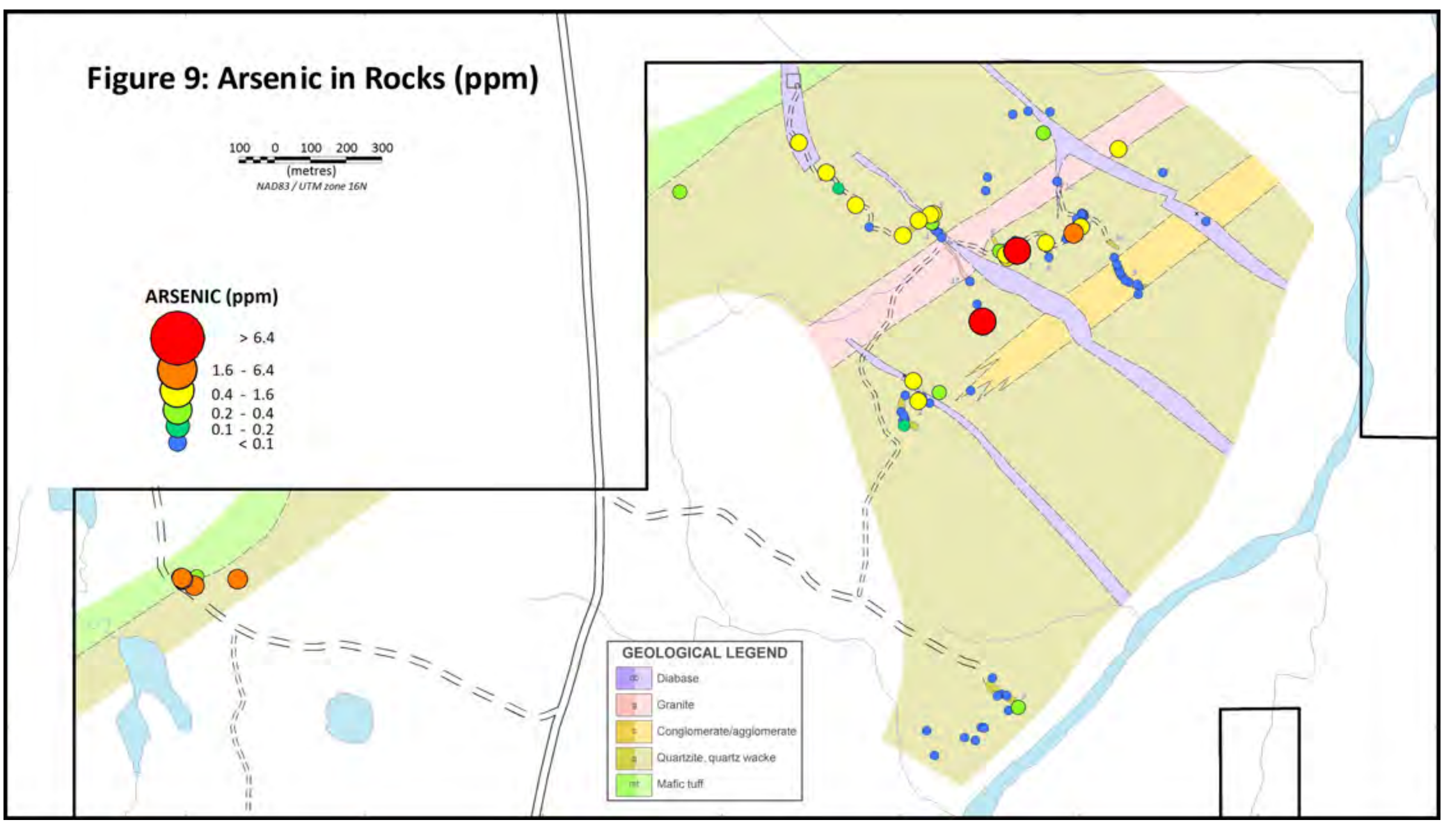


Figure 9: Arsenic in Rocks (ppm)
100 0 100 200 300
(metres)
NAD83 / UTM zone 16N
ARSENIC (ppm)
> 6.4
1.6 - 6.4
0.4 - 1.6
0.2 - 0.4
0.1 - 0.2
< 0.1
GEOLOGICAL LEGEND
Diabase
Granite
Conglomerate/agglomerate
Quartzite, quartz wacke
Mafic tuff

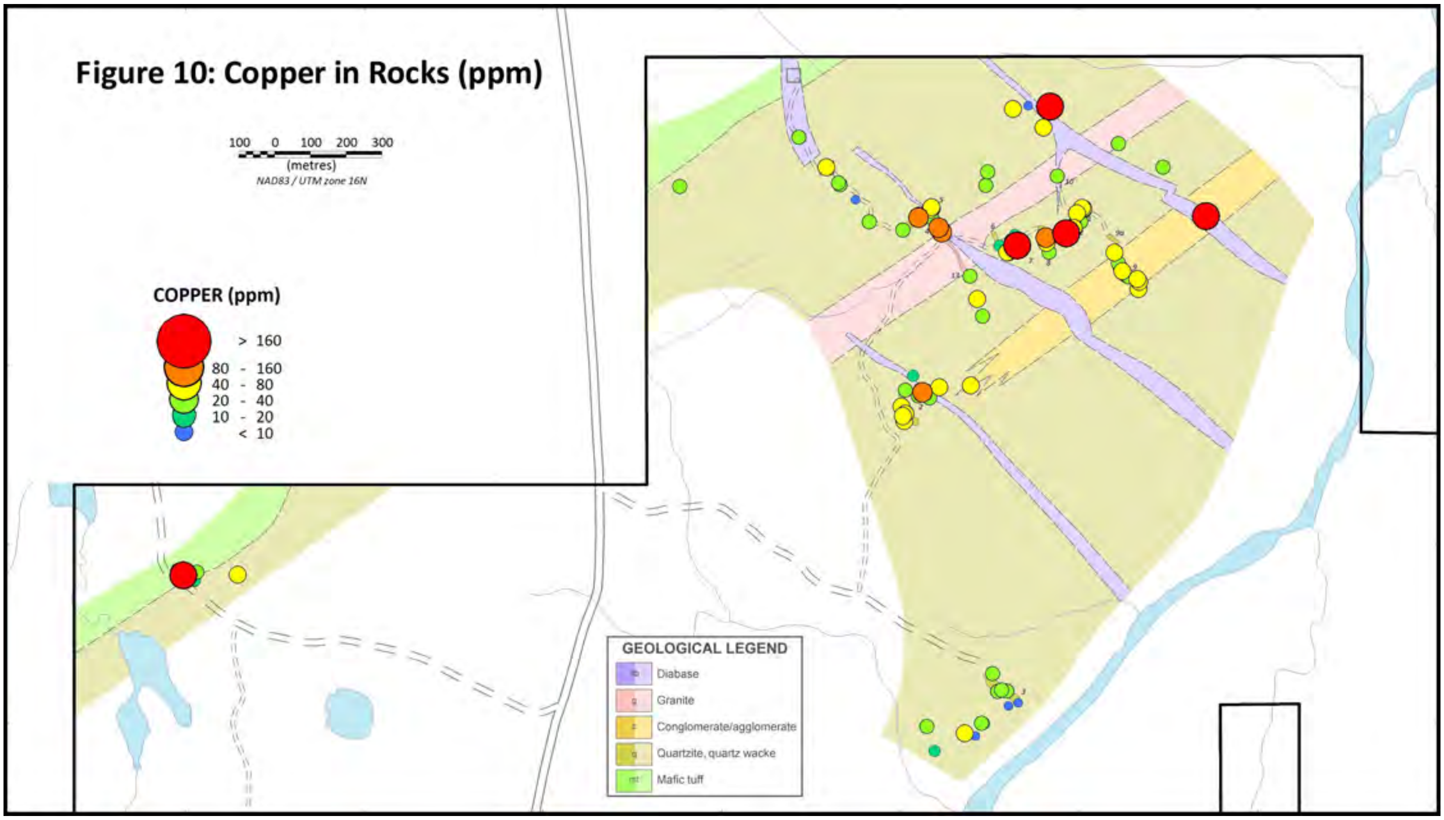


Figure 10: Copper in Rocks (ppm)
100 0 100 200 300
(metres)
NAD83 / UTM zone 16N
COPPER (ppm)
> 160
80 - 160
40 - 80
20 - 40
10 - 20
< 10
GEOLOGICAL LEGEND
Diabase
Granite
Conglomerate/agglomerate
Quartzite, quartz wacke
Mafic tuff

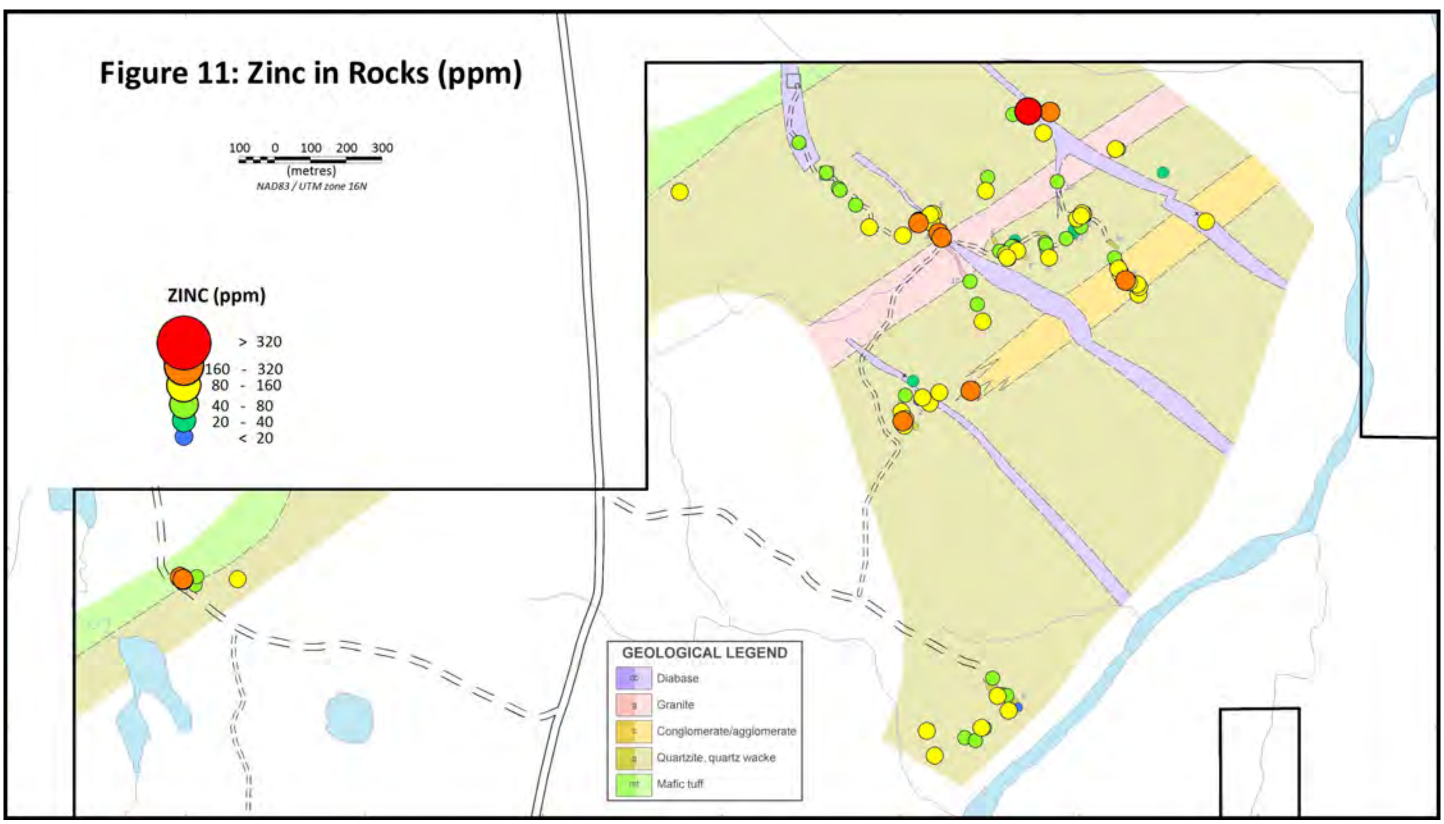


Figure 11: Zinc in Rocks (ppm)
100 0 100 200 300
(metres)
NAD83 / UTM zone 16N
ZINC (ppm)
> 320
160 - 320
80 - 160
40 - 80
20 - 40
< 20
GEOLOGICAL LEGEND
Diabase
Granite
Conglomerate/agglomerate
Quartzite, quartz wacke
Mafic tuff

GEOLOGICAL MAPPING

Rock Types: The following paragraphs describe the geology as it was exposed in the stripped areas and occasional natural outcrops. Previous mapping by Milne (1968) indicated that the area covered by the 2019 field work is underlain by clastic metasediments - quartzite, greywacke and conglomerate. However, Milne's report describes a variable proportion of pyroclastic material in many metasedimentary outcrops, and this was confirmed by the author's observations.

Mafic Sediment/Tuff (3m): Strip 1exposed the southwestern end of a small, steep sided ridge and gave an excellent view of what is probably the stratigraphic top of the 250-metre thick mafic volcanic unit mapped by Milne (1968). It is a thinly laminated, dark greenish-grey, rusty-weathering tuffaceous sediment, illustrated in photo 1.

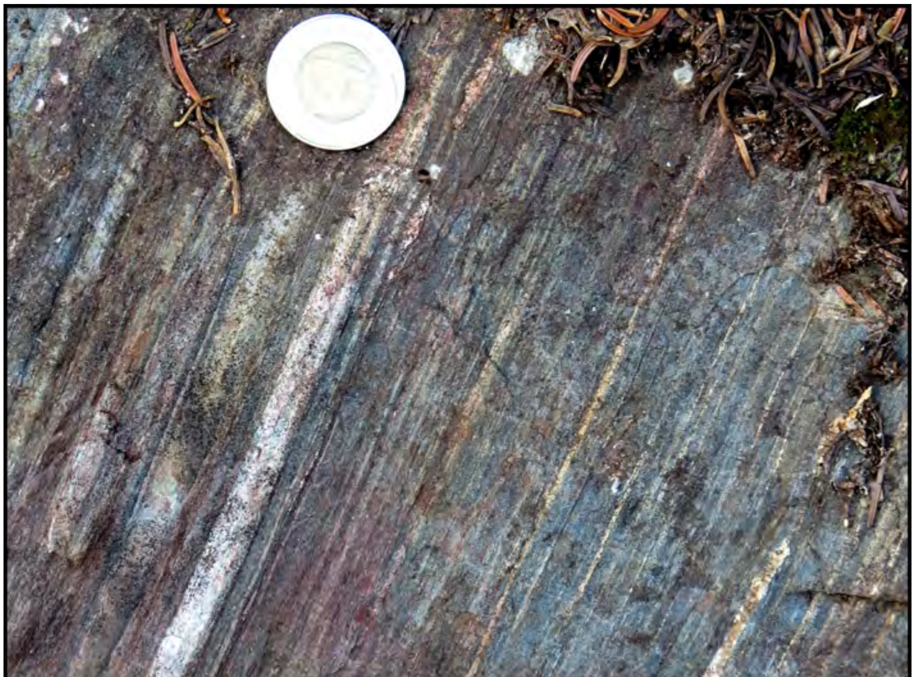


Photo 1: Strip 1, west end. Thinly laminated sediments of mafic-rich composition, with narrow layers of what appearsto be felsic crystal tuff. Stratigraphic top is to the right (rocks are overturned).

The mafic sediment/tuff is too fine-grained to determine its mineral composition by inspection, but biotite can be observed on bedding/schistosity planes. The rusty weathering character of the rock suggests that it is rich in iron, and a 200 nT anomaly in the magnetic survey, that coincides with Milne's (1968) mapping of the mafic unit indicates the probable presence of magnetite. A medium-grained, leucocratic rock that appears to be a felsic crystal tuff is interbedded with the mafic unit, suggesting that explosive felsic volcanic activity was taking place in the vicinity after mafic volcanism had ceased. There are also thin laminae of fine-grained felsic material. As the strip is followed to the west, the crystal tuff interbeds become thicker (photo 2) and the fine-grained felsic laminae become thicker and more abundant (photo 3). The transition from mafic to felsic is gradational over the 40-metre length of the strip.

Photo 2: Strip 1, near east end. Thicker and more numerous layers of felsic crystal tuff interbedded with the mafic sediments towards the stratigraphic top.

Photo 3: Strip 1, near the middle of the strip. Mafic sediments in a transition to more felsic-dominated upper part of the sequence.

FelsicSediment/Tuff (3f): At the west end of strip 1 the overall composition of the sediment/tuff is dominantly quartzo-feldspathic, although the fine-grained and thinly laminated character is similar to the (stratigraphically) lower mafic-rich unit. Photo 4 shows the felsic sediment/tuff, which still has distinct layers of relatively coarse-grained crystal tuff. Photo 5 is a wider shot showing the felsic sediment/tuff with a 15 cm thick, massive mafic layer that appears to be a flow, and a darker layer that is presumed to contain mafic material.

Photo 4: Strip 1, east end. Thinly laminated quartzofeldspathic sediments. Discrete crystal tuff layers are still present. Mafic components are almost absent.

Photo 5: Strip 1, near east end. Thinly laminated quartzofeldspathic sediment/tuff with a discrete mafic (flow?) layer (A) and layers of mixed mafic and felsic composition (B)

Quartzite and Quartz Wacke (3q): These are the most widespread sedimentary lithologies in the project area. It is likely that quartz wacke corresponds to the "greywacke" of Milne (1968). Quartzite and quartz wacke are distinguished from one another by the proportion of biotite, which is the dominant ferromagnesian mineral. The quartz is typically dark and this, combined with the black biotite, gives the rocks a drab appearance. They are usually medium-grained rocks, with well developed bedding which is reflected in varying proportions of biotite. Schistosity was coincident with bedding in all the occurrences observed. They are often "gritty" with rounded or sub-rounded quartz grains up to 5 mm in diameter. These rocks are not photogenic and the only photo taken was photo 6, which illustrates quartz wacke with two discrete interbeds of what appears to be crystal tuff similar to that exposed in strip 1. This location is approximately 400 metres higher in the stratigraphic sequence than strip 1.

Photo 6: Layers of apparent crystal tuff in dominantly quartz-rich sediments. Strip 5.

Conglomerate (3c): Conglomerate is exposed in Strip 7 and in a cluster of outcrops beside the main access road at 576150E, 5403790N. Although these roadside outcrops are 120 metres outside the Hemlo West property, they were scraped clean during road building and have been washed by many years of rain; details of rock texture are clearly visible. Photo 7 illustrates a conglomerate with a very high proportion of clasts and almost no matrix. The other remarkable feature is the extreme flattening of the clasts, with aspect ratios of 40:1 or more. Is this a result of tectonic deformation or were the clasts volcanic ejecta that were partially molten and became flattened by gravity on deposition? If that were the case, the rock would be an agglomerate and not a conglomerate.

Photo 7: Conglomerate, densely packed clasts showing extreme flattening. Some clasts have aspects ratios up to 40:1 or more. Roadside outcrop.

Photo 8 is a closer look at a part of the same outcrop. It reveals that all the clasts are feldspar-phyric, felsic volcanic or subvolcanic rocks. There are minor differences in colour of the rock and size and abundance of the phenocrysts, but these differences are not enough to make the rock a polymictic (or even oligomictic) conglomerate.

Photo 8: Close examination of clasts in the conglomerate suggests that they are dominantly composed of felsic, porphyritic volcanic or subvolcanic rocks. Roadside outcrop.

The porphyritic clasts shown in photo 8 do not show any sign of substantial internal flattening. Feldspar phenocrysts are subhedral. There is no obvious schistosity in the groundmass, and no sign of an augen texture, which would be expected if the groundmass had been flattened but the phenocrysts had not. From these indications, the author concludes that this rock is an agglomerate, and the sizes of the clasts would imply that this outcrop is proximal to the vent from which they were ejected.

Photo 9 shows another part of the same outcrop. There is more variation in clast lithology here; a few are darker in colour and suggest intermediate to mafic composition (but still feldspar-phyric), and one (just below the coin) is very light coloured. Variations in composition are not inconsistent with an origin as an agglomerate. This photo also shows at least 50 percent of matrix, which looks like a crystal tuff with a similar composition to the average clast, including larger feldspar crystals that give the matrix a porphyritic appearance.

Photo 9: Conglomerate. Most clasts are porphyritic and felsic, but a few are of mafic or intermediate composition, based on their colour. Roadside outcrop.

Granite: There is a generally sill-like body of granite, approximately 150 metres wide, that occupies the valley between two hills in the northernmost part of the property. It is a massive, pink granite, probably of granodiorite composition. Its contact with metasediment was exposed in one place; it was sharp and showed no sign of interaction between the intrusive and its wall rocks.

Structure: All the outcrops of sediments and pyroclastics examined during mapping exhibited a well defined primary layering (bedding) that coincides closely with schistosity. The strike of the rocks varies, but averages about 055°. Dips are variable between about 60° and 85° to the northeast, although in many outcrops or strips a dip could only be described as steep without a verging direction. Because the stratigraphic top is assumed to be to the southeast, the structure would be described as an overturned homocline.

Metamorphism: The megascopic mineralogy of the supracrustal rocks is simple: quartz, feldspar and biotite. Some samples contained a black amphibole, probably hornblende. This assemblage would place the metamorphic grade as within the amphibolite facies. References to "migmatite" in early historical reports (which would have implied partial melting and hence upper amphibolite facies) almost certainly refer to crystal tuff bands within quartzite or quartz wacke (e.g. Photo 6, above).

Mineralization: Many rock samples collected contained no visible sulphides, but exhibited some gossan development, implying that sulphides had been present but were oxidized. Where sulphides were present, the only positively identified sulphide was pyrite, which was typically present at the level of 1% to 2% or less. A few occurrences contained up to 5% pyrite in discrete bands or quartz segregations. Pyrite grain size varied from very small to 1-2 mm. It had a uniformly pale yellow colour. In a few rocks, pyrrhotite was suspected to accompany fine-grained pyrite.

In a general way, the pyrite content of the rocks tended to be highest along a trend that includes the granite "sill" and the prominent conglomerate/agglomerate band that parallels it, i.e. in the same area as the elevated contents of Ag, As, Cu and Zn, as noted above.

CONCLUSIONS

1. The cluster of TDEM® anomalies in the southern part of the project area lies in an area of wet glacio-lacustrine clay. This does not explain the anomalies because (a) there is clay elsewhere on the property that does not show conductivity, and (b) the anomalies are aligned on trends that match magnetic features that reflect bedrock geology. It is concluded that the clay layer may enhance, or amplify responses from bedrock features.

2. The volcaniclastic and sedimentary rocks of the area include coarse agglomerate, which suggests the possibility of volcanogenic massive sulphide (VMS) mineralization. No alteration was observed, however, which makes it somewhat less likely in the outcropping areas.

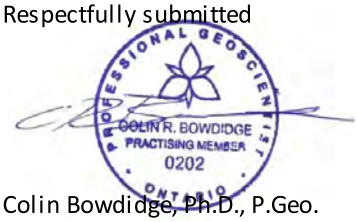
3. Extensive areas of the property are covered in thick overburden and are essentially unexplored.

RECOMMENDATIONS

The extensive overburden-covered parts of the project area are not susceptible to prospecting, mapping or conventional geochemical exploration. They could be covered with a reconnaissance-level grid of MMI geochemical sampling.

The TDEM® anomalies in the southern part of the property should be tested by diamond drilling, regardless of the results of MMI sampling and analysis.

Respectfully submitted



Colin Bowdidge, Ph.D., P.Geo.

Ear Falls, Ontario, December 2019

REFERENCES

Bowdidge, C., 2017. Report on prospecting, Hemlo West property.

Brown, P., Chong, A. Kusins, B. & McNena, K., 1991. Geology of the Golden Giant Mine, *in* Franklin, J.M., Schnieders, B.R. & Koopman, E.R. (Eds.) Mineral Deposits in the Western Superior Province, Ontario. Geological Survey of Canada Open File 2164, pp 39-50.

Canamax Resources Inc., 1984. Diamond drill logs. In NM Assessment File AFRI No. 42C13SW0026

Coker, W.B. & DiLabio, R.N.W., 1987. Geochemical Exploration in Glaciated Terrain: Geochemical Responses. *In* Proceedings of Exploration '87. Ontario Geological Survey Special Volume 3, pp 336-383.

Cominco, 1965. Diamond drill logs, Kusins property. In ENDM Assessment File AFRI No. 42C13SW0091

Coster, I., Caira, N. & Middleton, R.S., 1984. Geological and Geophysical Report on the Melrose Resources Ltd. Property, Hemlo Gold Region, Rous Lake and Molson Lake Area, Thunder Bay Mining Division, Ontario. In ENDM Assessment Report, AFRI No. 42D09NE0013, AFRO No. 63.4580.

Dick, P., 2000. Valley Lake Final Report. In ENDM Assessment File AFRI No. 20008254

Dubé, 2017. Technical Report, Heliborne Magnetic, Spectrometric and TDEM Survey, Hemlo North and West Project. In ENDM Assessment Report AFRO No. 2.55774.

Dyke, A.S., 2004. An outline of North American deglaciation with emphasis on central and northern Canada, in Developments in Quaternary Science 2 pp 371-406

Harris, D.C., 1989. The Mineralogy and Geochemistry of the Hemlo Gold Deposit, Ontario. Geological Survey of Canada Economic Geology Report 38, 91 pp.

Hartwick, P.A. & Woolham, R.W., 1985. Report on 1985 exploration program, Valley Lake property, for Shediac Bay Resources. In ENDM Assessment File AFRI No. 42C13SW0128, AFRO No. 2.9810

Kemp, R., 1984. Geological assessment report on the Pryme North Joint Venture. In ENDM Assessment Report AFRI No. 42C13SW0018, AFRO No. 2.7108

Lin, S., 2001. Geology, the Hemlo Gold Camp, Ontario. Geological Survey of Canada Map 1975A, 1:10,000.

Milne, V.G., 1968. Geology of the Black River area, district of Thunder Bay. Ont. Dept. Mines Rept 072

Muir, T.L., 1980. Geology of the Hemlo Area, District of Thunder Bay. Ontario Geological Survey Open File Report 5280, 78 pp, includes maps.

Muir, T.L., 1982. Geology of the Hemlo Area, District of Thunder Bay. Ontario Geological Survey Report 217, 85 pp. Accompanied by Map 2452.

Muir, T.L., 1993. Geology of the Hemlo Gold Deposit Area. Ontario Geological Survey Open File Report 5877, 264 pp.

Muir, T.L., 1997. Precambrian Geology, Hemlo Gold Deposit Area; Ontario Geological Survey Report 289, 219 pp., Accompanied by Maps 2602 to 2609, 1:5,000 scale, Map 2629, 1:20,000 scale.

Muir, T.L., 2000. Geological Compilation of the Eastern Half of the Schreiber-Hemlo Greenstone Belt. Ontario Geological Survey Map M2614, 1:50,000 scale.

Muir, T.L., Schnieders, B.R. & Smyk, M.C., 1995 (Compilers and Editors). Geology and Gold Deposits of the Hemlo Area; Geological Association of Canada - Toronto '91, Hemlo Field Trip Guidebook, 120 pp.

OGS, 2002. Ontario Airborne Geophysical Surveys, Magnetic and Electromagnetic Data, Hemlo Area. Ontario Geological Survey Geophysical Data Set 1207 rev.

Poulsen, K.H., 2013. Greenstone Gold. Notes for a Short Course, Lakehead University, February 2013.

Puumula, M.A., Campbell, D.A., Tuomi, R.D., Debicki, R.L., Wilson, A.C., Moses, P. & Brunelle, M.R., 2014. Report of Activities, 2013, Resident Geologist Program, Thunder Bay South Regional Resident Geologist Report. Ontario Geological Survey Open File Report 6293, 71 pp.

Robert, F., Poulsen, K.H. & Dubé, 1994. Notes for a Short Course on Structural Analysis of Ore Deposits, Ottawa, January 19-21, 1994. Unpublished.

Shives, R.B.K., Ford, K.L. & Charbonneau, B.W., 1995. Applications of Gamma Ray Spectrometric/Magnetic/VLF-EM Surveys. Geological Survey of Canada Open File 3061, 85 pp.

Simoneau, P., 1992. Results of 1991 exploration work, geophysical survey and prospecting, Ihnatko-Kusins property. In ENDM Assessment File AFRI No. 42C13SW0092, AFRO No. 2.14562

Staargaard, C.F., 1984. Report on soil geochemistry of the Tylox property for Homestake Mineral Development Co.., In ENDM Assessment File AFRI No. 42C13SW0146, AFRO No. 2.7400

Stott, G.M., Corkery, M.T., Percival, J.A., Simard, M. & Goutier, J., 2010. A Revised Terrane Subdivision of the Superior Province, *in* Summary of Field Work and Other Activities 2010, Ontario Geological Survey Open File Report 6260, pp 20-1 to 20-10.

Thomson, J.E., 1932. Geology of the Heron Bay area, District of Thunder Bay; Ontario Department of Mines, Annual Report, 1931, v.40, pt.2, pp.21-39.

Thomson, K., 1995. Hemlo Gold Mines report on diamond drilling, Valley property. In ENDM Assessment File AFRI No. 42C13SW0078

Thomson, K. & Sharpe, R., 1995. Hemlo Gold Mines Inc., Report of Work, Valley property. In ENDM Assessment File AFRI No. 42C13SW0101, AFRO No. 2.16355

Zoltai, S.C., 1965. Thunder Bay, Surficial Geology. Ontario Department of Mines Map MS265.

APPENDIX 1

ROCK SAMPLE LOCATIONS,
DESCRIPTIONS AND ANALYSES

UTM Easting	UTM Northin	Sample Number	Date taken	Taken by	Strip No.	Description	Au g/t	Au rpt	Ag ppm	As ppm	Cu ppm	Zn ppm
575024	5402397	882201	2019-10-15	PH	1	Very qtz-rich wacke, medium-grained, some qtz is recrystallized as qtz seams, rusty due to trace pyrite	<0.005		< 0.05	2.5	11	31
575026	5402399	882202	2019-10-15	PH	1	Quartz wacke, medium- to coarse-grained, schistose, 1% finely disseminated pyrite	<0.005		0.1	1.4	20	55
574984	5402421	882203	2019-10-16	PH	1	Finer-grained quartzite, rusty schistosity planes at 2-5 mm spacing, minor pyrite (rusted out)	<0.005		0.2	0.9	135	267
574990	5402415	882204	2019-10-16	PH	1	Gritty quartz wacke with rounded quartz grains up to 5 mm, 5% biotite concentrated on schistosity planes, minor rusty pyrite	<0.005		< 0.05	< 0.1	26	84
574989	5402418	882205	2019-10-16	PH	1	Fine-grained quartz wacke with ±10% mafic (mostly biotite) concentrated on bedding/schistosity surfaces, minor pyrite	<0.005		0.1	3.8	74	216
574992	5402415	882206	2019-10-16	PH	1	Same as 882205, conformable glassy quartz seam with coarse biotite flakes, minor pyrite	<0.005		0.1	3.8	64	283
574993	5402413	882207	2019-10-16	PH	1	Same as 882205 and 882206, cut by conformable 1 cm quartz seams with ±5% finely disseminated pyrite	<0.005		0.2	1.7	166	176
574997	5402410	882208	2019-10-16	PH	1	Gritty quartz wacke with rounded quartz grains up to 3 mm, 5% biotite flakes define schistosity but not much bedding, minor pyrite	<0.005	<0.005	0.1	< 0.1	20	80
577049	5402914	882209	2019-10-18	PH		10 cm glassy quartz vein in quartz wacke, carries a few 1-2 mm pyrite cubes	<0.005		< 0.05	0.9	24	5
577061	5402924	882210	2019-10-18	PH		Medium-grained diabase, minor py-po	<0.005		0.1	< 0.1	117	146
577081	5402908	882211	2019-10-18	PH		Quartz wacke with 10% biotite, quartz grains up to 2 mm, cross-cutting bull quartz vein, no visible mnz.	<0.005		0.2	< 0.1	27	98
577009	5402873	882212	2019-10-18	PH	2	Cross-cutting glassy quartz vein with pink feldspars at the contacts. Quartz wacke at contact has 5% pyrite in a narrow contact zone	<0.005		0.2	< 0.1	35	58
577002	5402884	882213	2019-10-18	PH	2	Medium-grained quartz wacke with 5-10% biotite, minor pyrite in a 1-2 mm conformable quartz seam	<0.005		0.2	< 0.1	47	135
577013	5402864	882214	2019-10-19	PH	2	Medium- to coarse-grained metased with 10% biotite. Rusty bedding/schistosity planes (trace pyrite or just Fe-rich biotite weathering)	<0.005		0.2	< 0.1	59	153
577010	5402858	882215	2019-10-19	PH	2	Gritty quartz wacke with qtz grains up to 3 mm. A rusty quartz seam along a bedding plane has abundant biotite and 1-2% pyrite?	<0.005		0.1	< 0.1	34	77
577257	5402138	882216	2019-10-19	PH		Medium-grained quartz wacke, a few ± 1 mm quartz grains. A possible isoclinal fold in this sample.	<0.005		0.1	< 0.1	27	70
577226	5401999	882217	2019-10-20	PH		Medium-grained quartz wacke	<0.005		< 0.05	< 0.1	25	82
577073	5401990	882218	2019-10-20	PH		Typical quartz wacke, a few specks of pyrite	<0.005	<0.005	0.1	< 0.1	21	82
577095	5401921	882219	2019-10-20	PH		Quartz wacke with pinkish (feldspathic) patches - possible tuff layers	<0.005		< 0.05	< 0.1	19	96
577115	5403372	882220	2019-10-24	PH	4	Medium-grained massive mafic dyke	<0.005		0.1	< 0.1	129	175
577106	5403385	882221	2019-10-24	PH	4	Fine-grained mafic dyke, very dark (picritic composition?)	<0.005		0.1	< 0.1	132	162
577087	5403413	882222	2019-10-24	PH	4	Medium grained quartz wacke, ±5% biotite, a few specks of pyrite	<0.005		0.2	0.3	32	89
577062	5403420	882223	2019-10-24	PH	5	Quartzite, 2% biotite, 1-2% pyrite concentrated on narrow (<1 cm) layers	<0.005		0.1	< 0.1	29	76
577050	5403413	882224	2019-10-24	PH	5	Dark quartzite, <1% fine pyrite	<0.005		0.1	< 0.1	136	173
577310	5403347	882225	2019-10-25	PH		Medium-grained feldspathic crystal tuff (?) with 1% coarse yellow pyrite	<0.005		0.1	< 0.1	22	65
577320	5403364	882226	2019-10-25	PH		Feldspathic crystal tuff 5% mafic minerals, quartz segregations along bedding planes with traces pyrite	<0.005		< 0.05	< 0.1	11	33
577504	5403402	882227	2019-10-25	PH		Similar to 882226, 1% pyrite in a 5 mm conformable quartz seam	<0.005		0.1	0.9	27	63
577609	5403285	882228	2019-10-25	PH	9	Quartzite, 10-15% biotite, 1-2% disseminated pyrite	<0.005	<0.005	0.1	< 0.1	38	128
576792	5403554	882229	2019-10-26	PH	T5	Quartzite, 5% biotite in narrow beds, trace pyrite	<0.005		0.1	0.7	42	62
576826	5403510	882230	2019-10-26	PH		Quartzite, fine- to medium-grained, layers with 5% biotite alternate with layers of 15-20% biotite, 0.5% pyrite as blebs	<0.005		0.1	0.2	38	58
576830	5403505	882231	2019-10-26	PH		Medium- to coarse-grained feldspathic metasediment (tuff?) well bedded, 0.5% coarse pyrite blebs	<0.005		0.1	< 0.1	35	63
576382	5403500	882232	2019-10-26	PH		Feldspathic tuff with quartz-rich segregations on bedding/schistosity planes., trace pyrite.	<0.005		0.1	0.4	30	130
577006	5403378	882233	2019-10-26	PH	5	Medium-grained quartzite, well bedded, 0.5% pyrite disseminated	<0.005		0.3	0.8	37	101
577294	5403324	882234	2019-10-27	PH	6	Quartzite, very dark, 0.5% disseminated pyrite	<0.005		0.1	1.0	5	82
577296	5403319	882235	2019-10-27	PH	6	Quartzite, even darker, also 0.5% disseminated pyrite	<0.005		0.1	< 0.1	1	75
577298	5403316	882236	2019-10-27	PH	6	Well bedded quartzite, ±1% pyrite	<0.005		0.2	0.6	49	148
577301	5403317	882237	2019-10-27	PH	6	Same as 882236	<0.005		0.1	0.3	22	33

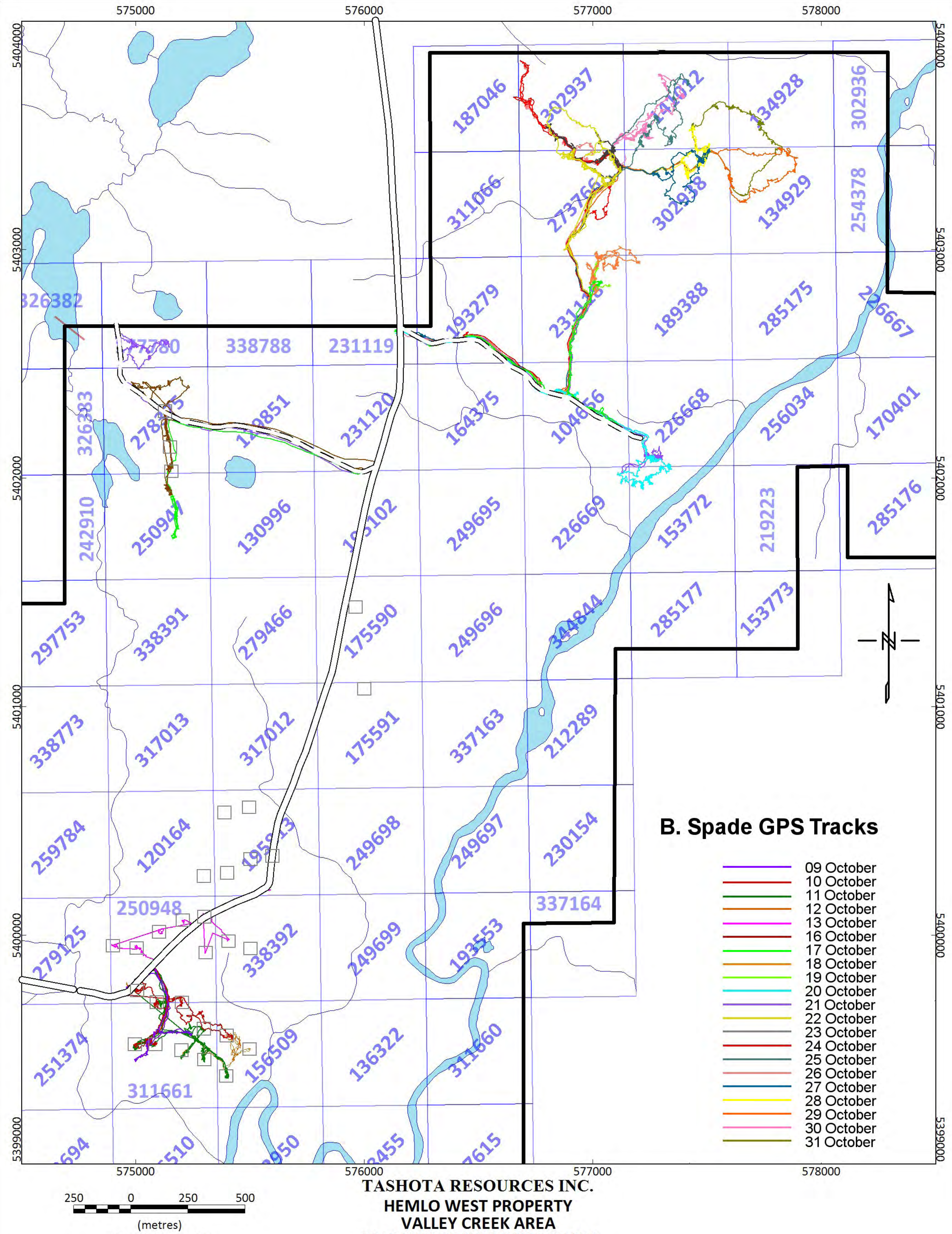
UTM Easting	UTM Northin	Sample Number	Date taken	Taken by	Strip No.	Description	Au g/t	Au rpt	Ag ppm	As ppm	Cu ppm	Zn ppm
577301	5403314	882238	2019-10-27	PH	6	Pale coloured quartzite, minor pyrite (<1%)	<0.005		0.1	< 0.1	9	55
577302	5403312	882239	2019-10-27	PH	6	Well bedded quartzite with dark and light bands, 1% disseminated pyrite in the light coloured bands	<0.005		0.1	0.1	30	64
577316	5403346	882240	2019-10-28	PH	7	Pale quartzite, 2% pyrite in clots and clusters	<0.005		0.2	< 0.1	20	62
577317	5403348	882241	2019-10-28	PH	7	Very leucocratic quartzite, ±1% pyrite	<0.005		0.2	< 0.1	27	41
577325	5403337	882242	2019-10-28	PH	7	Dark quartzite, well bedded, ±1% pyrite throughout	<0.005		0.2	1.2	70	22
577326	5403335	882243	2019-10-28	PH	7	Same as 882243	<0.005	<0.005	0.9	11.7	244	107
577325	5403333	882244	2019-10-28	PH	7	Same as 882243 but with 3-4% pyrite	<0.005		0.5	0.3	72	64
577463	5403369	882245	2019-10-28	PH		Fine-grained quartzite, <1% pyrite	<0.005		0.2	< 0.1	171	54
577505	5403433	882246	2019-10-28	PH	11	Well bedded feldspathic tuff (?) with 1% diss pyrite	<0.005		0.1	< 0.1	21	102
577406	5403357	882247	2019-10-28	PH	8	Fine-grained quartzite, leucocratic, with heavy (1-2%) pyrite	<0.005		0.5	1.2	137	32
577408	5403342	882248	2019-10-28	PH	8	Same as 882247 but less pyrite ±1% overall	<0.005	<0.005	0.1	< 0.1	79	66
577438	5403529	882249	2019-10-29	PH	10	Pink granite, massive	<0.005		0.1	0.1	21	47
577438	5403529	882250	2019-10-29	PH	10	Diabase dyke, black, very fine-grained, not analysed						
575031	5402422	882251	2019-10-16	BS		Well laminated arkosic tuff/sediment with 5-10% biotite, some quartz seams parallel to foliation/bedding, no sulphides	<0.005		< 0.05	0.3	39	74
575145	5402415	882252	2019-10-16	BS		Fine-grained well bedded quartzite with rusty partings, no visible sulphides	<0.005		0.1	2.0	46	114
577010	5402985	882253	2019-10-18	BS		Diabase dyke, not analysed						
577050	5402938	882254	2019-10-18	BS		Diabase dyke, not analysed						
577108	5402938	882255	2019-10-18	BS		Quartz wacke, 15% mafic minerals (mostly biotire) trace pyrite	<0.005	<0.005	0.3	0.4	42	107
577035	5402970	882256	2019-10-18	BS		Bull quartz vein in metasediments, no sulphides	<0.005		3.0	0.9	12	40
577196	5402943	882257	2019-10-19	BS		Feldspathic sediment/tuff 20% mafic minerals, 1% disseminated pyrite	<0.005		0.2	< 0.1	53	164
577010	5402845	882258	2019-10-19	BS	2	Similar to 882257, trace pyrite	<0.005		0.1	0.2	44	103
577006	5402858	882259	2019-10-19	BS	2	Grey quartzite, trace pyrite	<0.005		0.2	< 0.1	64	207
577013	5402930	882260	2019-10-19	BS	2	Grey quartzite, trace pyrite	<0.005		0.1	< 0.1	25	75
577271	5402088	882261	2019-10-20	BS	3	Quartzite with 5% biotite, pinkish quartz segregation along bedding plane.	<0.005		< 0.05	< 0.1	25	89
577329	5402056	882262	2019-10-20	BS	3	Bull quartz vein in quartzites, trace pyrite	<0.005		< 0.05	0.4	8	5
577302	5402047	882263	2019-10-20	BS	3	Grey quartzite, trace pyrite	<0.005		< 0.05	< 0.1	7	91
577234	5401998	882264	2019-10-20	BS		Grey quartzite, very quartz rich, no visible sulphides	<0.005		0.1	< 0.1	18	77
577209	5401963	882265	2019-10-20	BS		Pink arkosic tuff/sediment, 5% biotite, minor pyrite	0.008	0.006	< 0.05	< 0.1	8	59
577179	5401971	882266	2019-10-20	BS		Coarse grained pink quartzite, minor pyrite	<0.005		0.1	< 0.1	57	51
277297	5402089	882267	2019-10-21	BS		Grey quartzite, trace pyrite	<0.005		0.1	< 0.1	27	61
577282	5402092	882268	2019-10-21	BS	3	Grey quartzite, trace pyrite	<0.005		0.1	< 0.1	32	52
577097	5403392	882269	2019-10-21	BS	4	Fine-grained quartzite with coarse quartz segregations, trace pyrite	<0.005		< 0.05	< 0.1	7	67
577086	5403442	882270	2019-10-23	BS	5	Fine-grained grey quartzite, with a 1 cm band carrying 5% pyrite	<0.005		0.3	0.1	66	68
577091	5403438	882271	2019-10-23	BS	5	Medium-grained clean quartzite (no mafics) ±1% pyrite on fractures and disseminated	<0.005		0.1	0.5	37	87
577083	5403436	882272	2019-10-23	BS	5	Medium-grained clean quartzite, 1-2% disseminated pyrite	<0.005		0.4	1.2	50	90
577050	5403418	882273	2019-10-24	BS	5	Medium-grained clean quartzite, 1% disseminated pyrite	<0.005		0.3	< 0.1	74	93
577050	5403420	882274	2019-10-24	BS	5	Quartz wacke, 1% disseminated pyrite, rusty partings	<0.005		0.3	1.6	38	84

UTM Easting	UTM Northin	Sample Number	Date taken	Taken by	Strip No.	Description	Au g/t	Au rpt	Ag ppm	As ppm	Cu ppm	Zn ppm
576912	5403401	882275	2019-10-24	BS		Quartz wacke <1% pyrite	<0.005		0.1	< 0.1	24	96
577238	5403503	882276	2019-10-25	BS		Grey quartz wacke, 5% biotite, <1% disseminated pyrite	<0.005		0.1	< 0.1	22	79
577238	5403503	882277	2019-10-25	BS		Fine-grained clean quartzite, 1-2% finely disseminated pyrite cubes	<0.005		0.1	< 0.1	19	104
577243	5403541	882278	2019-10-25	BS		Grey feldspathic tuff/sediment, rusty coatong, no visible sulphides	<0.005		0.1	< 0.1	23	60
577357	5403726	882279	2019-10-25	BS		Fine-grained quartz wacke, trace pyrite	<0.005		0.1	< 0.1	6	356
577418	5403724	882280	2019-10-25	BS		Rusty, weathered metasediment, pyrite on fracture surfaces	<0.005	<0.005	0.1	< 0.1	184	264
576715	5403638	882281	2019-10-26	BS		Grey quartzite, trace pyrite	<0.005		0.2	1.1	36	77
576874	5403463	882282	2019-10-26	BS		Grey arkosic sediment/tuff, medium-grained, trace pyrite	<0.005		0.2	0.7	10	50
577277	5403334	882283	2019-10-27	BS	6	Grey quartzite with 1 cm conformable quartz stringer carrying minor pyrite	<0.005		< 0.05	0.4	11	57
577484	5403384	882284	2019-10-27	BS	12	Grey quartzite cut by a bull quartz vein with traces of pyrite	<0.005		0.1	1.9	54	32
577507	5403438	882285	2019-10-27	BS	11	Coarse feldspathic tuff/sediment, ±1% disseminated pyrite	<0.005		0.1	< 0.1	31	57
577406	5403353	882286	2019-10-28	BS		Fine-grained quartz wacke with1% finely disseminated pyrite	<0.005		0.2	< 0.1	50	75
577415	5403316	882287	2019-10-28	BS	8	Medium-grained grey quartzite with ±1% pyrite	<0.005		0.1	< 0.1	26	82
577404	5403358	882288	2019-10-28	BS	8	Very rusty weathered metasediment (sulphides weathered out?)	<0.005		0.2	0.3	27	49
577485	5403393	882289	2019-10-28	BS	12	Medium- to coarse-grained feldspathic sediment/tuff with 1-2% disseminated pyrite	<0.005		0.1	0.2	33	37
577493	5403425	882290	2019-10-29	BS	11	Clean quartzite, 1-2% disseminated pyrite	<0.005	<0.005	0.2	< 0.1	46	94
577507	5403440	882291	2019-10-29	BS	11	Medium-grained well bedded quartzite with 1-2% pyrite	<0.005		0.2	< 0.1	43	98
577509	5403432	882292	2019-10-29	BS	11	Medium-grained well bedded quartzite with 1% pyrite	<0.005		0.1	< 0.1	25	54
577511	5403438	882293	2019-10-29	BS	11	Well bedded quartz wacke with alternating biotite-rich and biotite-poor layers, ±1% disseminated pyrite	<0.005		0.2	< 0.1	43	97
577514	5403433	882294	2019-10-29	BS	11	Same as 882293	<0.005		0.1	< 0.1	32	64
577506	5403435	882295	2019-10-29	BS	11	Grey quartzite ±1% pyrite	<0.005		0.1	< 0.1	39	84
577598	5403315	882296	2019-10-29	BS	9	Pink feldspathic tuff/sediment, 10% mafic minerals (mostly biotite), <1% pyrite	<0.005		0.1	< 0.1	70	71
577665	5403213	882297	2019-10-29	BS		Grey quartzite, trace pyrite	<0.005		0.2	< 0.1	44	103
577854	5403417	882298	2019-10-29	BS		Medium-grained diabase/gabbro with prominent greenish feldspar phenocrysts ("leopard rock")	<0.005		0.1	< 0.1	165	146
577828	5403439	882299	2019-10-29	BS		Diabase, not analysed						
577314	5403717	882300	2019-10-30	BS		Feldspathic tuff band in quartzite, minor pyrite	<0.005	<0.005	0.1	< 0.1	60	53
577605	5403297	882301	2019-10-29	PH	9	Pale arkosic tuff/sediment with <1% pyrite	<0.005		< 0.05	< 0.1	7	45
577614	5403275	882302	2019-10-29	PH	9	Quartz-rich, pebbly arkose, (phase of conglomerate), minor pyrite	<0.005		0.1	< 0.1	21	84
577614	5403272	882303	2019-10-29	PH	9	Well bedded feldspathic conglomerate, minor pyrite	<0.005		0.1	< 0.1	26	103
577620	5403263	882304	2019-10-29	PH	9	Conglomerate/agglomerate, flattened clasts, 1-2% pyrite on bedding planes	<0.005		0.1	< 0.1	43	98
577629	5403252	882305	2019-10-29	PH	9	Dark quartzite interbedded with conglomerate, 1-2% pyrite in quartz segregations	<0.005		0.1	< 0.1	32	168
577638	5403247	882306	2019-10-29	PH	9	Well bedded arkosic tuff/sediment with ±1% pyrite	<0.005		0.2	< 0.1	40	147
577662	5403241	882308	2019-10-29	PH	9	Pebbly arkosic tuff/sediment, ±1% pyrite in quartz segregations	<0.005		0.2	< 0.1	52	109
577667	5403233	882309	2019-10-29	PH	9	Pink feldspathic tuff/sediment with 1% pyrite	<0.005	<0.005	0.2	< 0.1	45	103
577194	5403249	882310	2019-10-30	PH		Grey quartzite, ±1% pyrite	<0.005		0.1	< 0.1	21	68
577214	5403185	882311	2019-10-30	PH		Gritty quartzite with 1% pyrite	<0.005		0.3	< 0.1	64	64
577229	5403137	882312	2019-10-30	PH		Same as 882311	<0.005		0.1	32.6	21	105

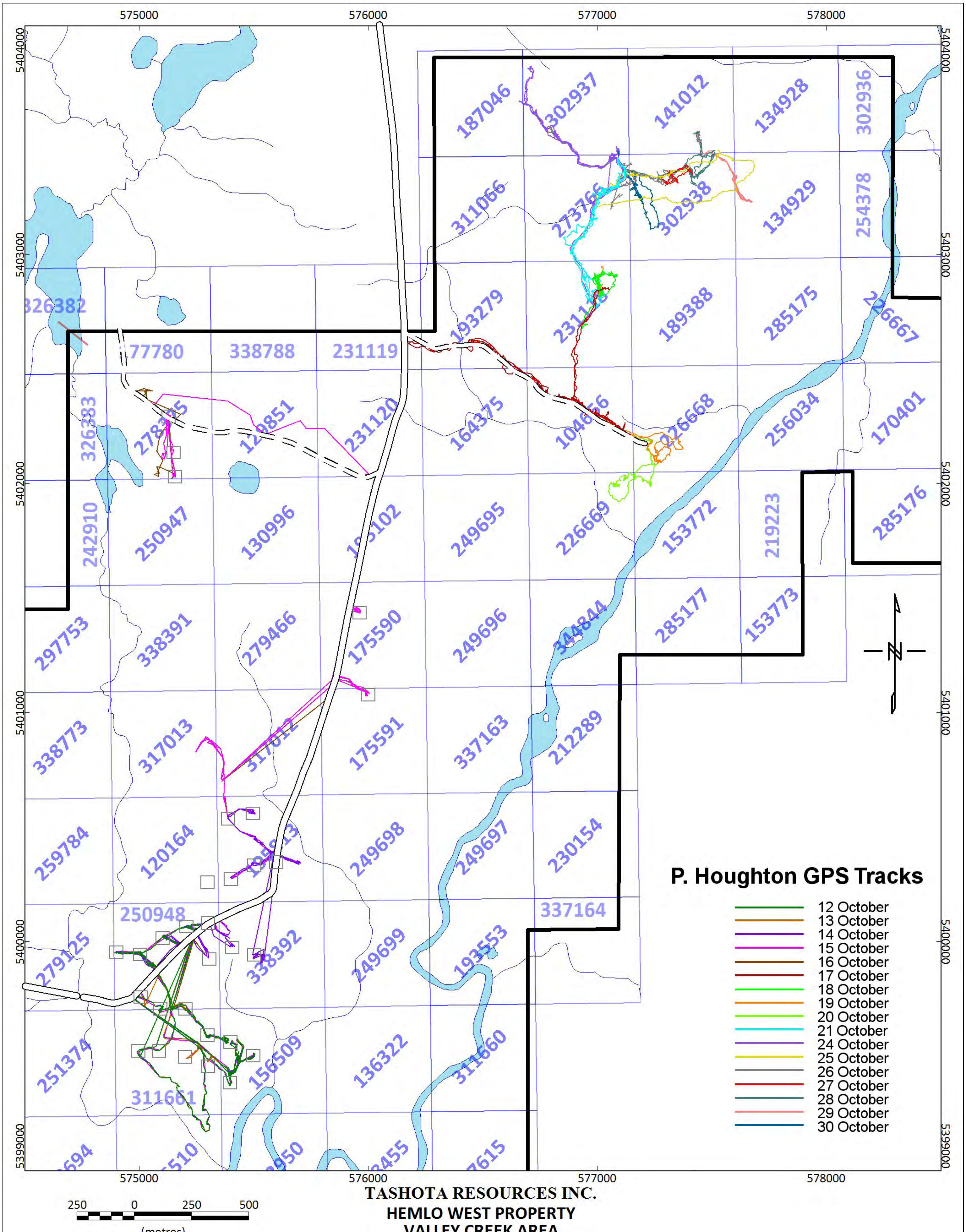
UTM Easting	UTM Northin	Sample Number	Date taken	Taken by	Strip No.	Description	Au g/t	Au rpt	Ag ppm	As ppm	Cu ppm	Zn ppm
577399	5403665	882351	2019-10-30	BS		Well bedded fine-grained quartzite, minor pyrite	<0.005		0.5	0.3	56	83
577734	5403554	882352	2019-10-31	BS		Pinkish arkosic tuff/sediment with clots of fine pyrite on bedding planes in the more mafic bands	<0.005		0.1	< 0.1	22	38
577609	5403620	882353	2019-10-31	BS		Grey quartzite, ±1% pyrite	<0.005		0.2	0.5	21	67
577601	5403620	882354	2019-10-31	BS		Quartzite with pink feldspathic (tuff?) bands, trace pyrite	<0.005		0.1	< 0.1	6	119

APPENDIX 2

PROSPECTING TRAVERSES



TASHOTA RESOURCES INC.
HEMLO WEST PROPERTY
VALLEY CREEK AREA
2019 EXPLORATION PROGRAM



TASHOTA RESOURCES INC.
HEMLO WEST PROPERTY
VALLEY CREEK AREA
2019 EXPLORATION PROGRAM

APPENDIX 3

LIST OF MINING CLAIMS

Tenure ID	Legacy Claim Id	Township / Area	Tenure Type	Due date	Claim Holder	Work Required	Work Applied	Consultation Reserve	Exploration Reserve	Total Reserve	Conversion Credit	Extension Granted	Extension granted date
104598	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
104599	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
113694	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
114010	4279384	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
120196	4279382; 4279384	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
129771	4279381; 4279382	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
129772	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
130904	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
131558	4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
131559	4279382	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
134331	4279385; 4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
134332	4279385	Rous Lk ,Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
136322	4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
147607	4279383; 4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
147609	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
148622	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
151009	4279385	Rous Lk ,Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
156509	4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
156510	4279386; 4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
157711	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
157712	4279381; 4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
157713	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
177200	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
177201	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
183570	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
183571	4279382; 4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
183572	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
184223	4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
193201	4279381	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
194725	4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
195728	4279383; 4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
199153	4279385; 4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
202901	4279388	Wabikoba Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
202902	4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
202903	4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
204760	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
206467	4279385; 4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
206468	4279385	Rous Lk ,Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
208455	4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
209568	4279386; 4279387; 4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
212932	4279383; 4279385	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
212933	4279382; 4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
223085	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
223086	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
224819	4279384	Lorna Lk ,Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
224820	4279384	Lorna Lk ,Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
231055	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
231056	4279381; 4279382	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11

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231057	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
237615	4279387	Wabikoba Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
250020	4279384	Lorna Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
250021	4279384	Lorna Lk ,Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
250320	4279383	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
251008	4279382	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
251374	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
259741	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
262377	4279383	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
262378	4279383	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
268700	4279384	Lorna Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
270766	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
278295	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
278296	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
278854	4279383; 4279384; 4279385	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
278855	4279383; 4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
278856	4279382; 4279383; 4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
278857	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
281439	4279384; 4279385	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
286080	4279387; 4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
292950	4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
294091	4279387; 4279388	Wabikoba Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
297705	4279381; 4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
298102	4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
310187	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
311660	4279387	Wabikoba Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
311661	4279386; 4279387	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
313502	4279386; 4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
315851	4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
316896	4279383	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
317563	4279382	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
317584	4279382	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
328627	4279384	Lorna Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
328628	4279384	Lorna Lk ,Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
328629	4279384	Lorna Lk ,Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
328630	4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
332126	4279384	Rous Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
332841	4279386	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
337776	4279382; 4279383	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
338721	4279381	Rous Lk	Boundary Cell	2019-08-11	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-02-11
344979	4279387; 4279388	Wabikoba Lk	Single Cell	2019-08-11	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-02-11
104656	4261161; 4261162; 4261163	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
118605	4261159	Lorna Lk ,Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
120164	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
129834	4261159	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
129851	4261160; 4261163	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
130996	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
134928	4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21

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134929	4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
141012	4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
153772	4261162	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
153773	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
157760	4279386; 4261159	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
157761	4279385; 4261159; 4279386	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
164358	4261159	Lorna Lk ,Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
164359	4261159	Lorna Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
164360	4279385; 4261159	Lorna Lk,Rous Lk,Wabikoba Lk s	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
164375	4261161; 4261163	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
170401	4261162	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
175590	4261160; 4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
175591	4261160; 4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
177261	4261159	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
177262	4261159	Lorna Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
177780	4261163	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
187046	4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
189388	4261162; 4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
193264	4261159	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
193279	4261163; 4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
193553	4279387; 4261161	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
195102	4261160; 4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
195813	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
212289	4261161	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
219223	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
226667	4261162; 4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
226668	4261162	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
226669	4261161; 4261162	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
230154	4261161	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
231118	4261162; 4261163; 4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
231119	4261163	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
231120	4261160; 4261161; 4261163	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
239300	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
239301	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
242910	4261160	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
243314	4261159	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
249695	4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
249696	4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
249697	4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
249698	4261160; 4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
249699	4279387; 4261160; 4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
250947	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
250948	4279386; 4261160; 4279387	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
254378	4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
256033	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
256034	4261162	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
259784	4261159; 4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
273766	4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21

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278375	4261160; 4261163	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
279124	4261159	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
279125	4279386; 4261159; 4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
279126	4261159	Lorna Lk ,Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
279466	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
285175	4261162; 4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
285176	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
285177	4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
297753	4261159; 4261160	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
302936	4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
302937	4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
302938	4261164	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
311066	4261164	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
317012	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
317013	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
326370	4261159	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
326382	4261163	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
326383	4261160; 4261163	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
337163	4261161	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
337164	4261161	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
338391	4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
338392	4279387; 4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
338773	4261159; 4261160	Wabikoba Lk	Single Cell	2019-09-21	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
338788	4261163	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
344844	4261161; 4261162	Wabikoba Lk	Boundary Cell	2019-09-21	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
213274	4279384; 4270033	Lorna Lk	Boundary Cell	2019-09-26	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
250019	4279384; 4270033	Lorna Lk	Boundary Cell	2019-09-26	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
278363	4279384; 4261159; 4270033; 4279385	Lorna Lk ,Rous Lk	Single Cell	2019-09-26	R. Wahl	$400	$0	$0	$0	$0	$0	Y	2020-07-21
297754	4279384; 4261159; 4279382	Lorna Lk	Boundary Cell	2019-09-26	R. Wahl	$200	$0	$0	$0	$0	$0	Y	2020-07-21
109039	4263476	Bomby,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
110626	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
112216	4258077	Rous Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
131662	4263476	Wabikoba Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
131663	4263476; 4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
134333	4258076; 4258077; 4279385	Rous Lk ,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
136930	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
136931	4263475	Lecours	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
142477	4263475; 4258076; 4258077	Lecours,Rous Lk,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
144254	4263476; 4279388	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
147608	4258077; 4279383	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
147610	4258077; 4279383	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
148351	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
158748	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
158749	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
176214	4258077; 4279383; 4279385	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
176941	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
181594	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
184303	4263476	Wabikoba Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		

Tenure ID	Legacy Claim Id	Township / Area	Tenure Type	Due date	Claim Holder	Work Required	Work Applied	Consultation Reserve	Exploration Reserve	Total Reserve	Conversion Credit	Extension Granted	Extension granted date
184304	4263476	Bomby,Wabikoba Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
189034	4263475; 4258077	Lecours,Rous Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
192984	4258076; 4258077	Rous Lk ,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
201722	4263475; 4258076	Lecours,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
208561	4263475; 4258076	Lecours,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
209066	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
213677	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
223476	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
238931	4263476; 4258076; 4279388	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
241078	4258076; 4258077	Rous Lk ,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
246931	4258076; 4279386; 4279388	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
251592	4263476	Bomby,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
251593	4263475; 4258076; 4263476	Bomby,Lecours,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
256379	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
256396	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
259417	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
261133	4258077	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
263119	4263476; 4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
274444	4263475; 4258077	Lecours,Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
277890	4258076; 4279386	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
280107	4263476	Bomby,Wabikoba Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
286081	4263476; 4279388	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
286082	4263476; 4279388	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
291533	4263475	Bomby,Lecours	Single Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
302353	4258076; 4279385; 4279386	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
304968	4263475	Lecours	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
311767	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
311768	4263475	Lecours	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
313503	4263476; 4279388	Wabikoba Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
313978	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
315111	4258077	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
316897	4258077; 4279383	Rous Lk	Boundary Cell	2019-12-18	R. Wahl	$200	$0	$0	$0	$0	$0		
326739	4258076	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$4,880	$4,880	$4		
336525	4258077	Rous Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
336546	4258076; 4258077	Rous Lk ,Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
338502	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
338503	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		
338504	4263476	Wabikoba Lk	Single Cell	2019-12-18	R. Wahl	$400	$0	$0	$0	$0	$0		

APPENDIX 4

CERTIFICATE OF ANALYSIS

Quality Analysis ... **Actlabs** *Innovative Technologies*

Report No.:	**A19-14899**
Report Date:	**29-Nov-19**
Date Submitted:	**04-Nov-19**
Your Reference:	

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

114 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2019-11-18 15:20:50

REPORT **A19-14899**

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

Notes:

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

Footnote: sample A882254 not received

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Report No.:	**A19-14899**
Report Date:	**29-Nov-19**
Date Submitted:	**04-Nov-19**
Your Reference:	

Tashota Resources Inc
82 Richmond St East
Toronto On m5c1p1
Canada

ATTN: Colin Bowdidge

CERTIFICATE OF ANALYSIS

114 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-11-20 12:33:30

REPORT **A19-14899**

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

Notes:

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

Footnote: sample A882254 not received

CERTIFIED BY:

Elitsa Hrischeva, Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A0935009	< 5	11.6	1.56	0.60	8.98	1.17	3.77	< 0.1	73	61	1700	5.07	3.3	50	24.1	0.9	0.8	0.3	0.08	1.28	12.5	0.65	0.16
A0935010	< 5	13.4	1.23	0.70	8.92	0.90	4.47	< 0.1	84	346	2290	7.77	3.5	50	156	0.9	0.8	0.3	0.12	1.23	17.7	0.64	0.18
A882201	< 5	4.3	2.94	0.40	9.32	0.47	6.07	< 0.1	41	31	298	1.52	0.9	100	20.1	0.3	0.9	0.1	< 0.05	0.31	5.8	0.40	0.24
A882202	< 5	11.4	> 3.00	2.53	7.78	2.23	3.09	< 0.1	107	101	701	4.11	3.4	80	29.5	1.2	1.4	0.4	0.14	0.41	11.9	1.21	0.18
A882203	< 5	8.7	2.17	2.65	8.82	0.73	6.79	0.4	122	175	1050	5.68	0.3	50	153	2.2	0.4	0.7	0.18	0.49	63.0	0.98	0.19
A882204	< 5	26.9	> 3.00	2.10	9.24	1.50	3.43	< 0.1	58	67	755	4.35	1.7	50	24.3	1.5	1.5	0.5	< 0.05	1.74	20.1	1.25	0.10
A882205	< 5	12.7	2.17	4.10	8.74	0.41	7.80	0.2	248	265	1670	7.30	0.6	30	145	2.4	0.4	0.7	0.07	0.77	54.8	0.97	0.14
A882206	< 5	13.9	2.38	2.68	8.21	0.48	6.11	0.4	238	62	1660	7.53	1.0	60	51.0	3.7	0.5	1.2	0.05	0.80	43.6	1.16	0.08
A882207	< 5	4.3	2.84	2.70	7.67	0.34	5.49	0.2	311	61	1250	9.15	1.4	60	63.2	3.2	0.6	1.0	0.16	0.30	68.8	1.07	0.23
A882208	< 5	18.3	> 3.00	2.01	9.19	2.59	3.17	< 0.1	89	39	630	3.71	3.5	50	15.3	1.2	1.9	0.4	0.06	1.61	15.9	1.34	0.14
A882209	< 5	1.6	0.15	0.08	0.81	0.67	0.18	< 0.1	8	37	96	0.79	0.2	40	4.5	< 0.1	0.1	< 0.1	< 0.05	0.17	2.1	0.10	0.06
A882210	< 5	32.5	2.14	2.41	6.82	0.93	5.90	0.2	325	34	1960	12.6	4.0	40	35.2	4.1	1.1	1.4	0.08	10.2	52.4	1.50	0.09
A882211	< 5	12.8	> 3.00	1.58	7.77	2.13	3.38	< 0.1	86	92	851	3.60	4.0	30	45.3	1.5	2.5	0.6	0.17	2.02	15.4	2.80	0.26
A882212	< 5	3.8	2.69	1.05	5.90	1.98	2.15	< 0.1	56	56	480	2.51	1.3	40	22.0	0.8	2.0	0.3	0.19	1.68	8.9	1.60	6.08
A882213	< 5	16.5	> 3.00	2.12	9.60	1.32	5.53	0.1	128	97	1190	5.29	4.9	70	56.9	2.3	3.8	0.9	0.15	1.04	23.2	4.48	0.45
A882214	< 5	44.4	> 3.00	0.72	> 10.0	1.83	3.77	0.3	123	149	2650	7.03	4.3	60	78.8	2.0	3.3	0.8	0.16	5.77	24.5	3.13	0.45
A882215	< 5	42.5	> 3.00	0.86	9.19	2.57	2.31	< 0.1	87	147	615	3.69	2.5	60	52.2	1.3	2.6	0.4	0.12	3.79	14.4	1.75	0.22
A882216	< 5	16.8	2.88	1.36	7.99	1.58	2.83	< 0.1	46	74	468	2.99	1.4	110	42.6	1.0	1.0	0.4	0.09	1.07	13.5	1.31	0.14
A882217	< 5	18.3	> 3.00	2.03	8.94	2.08	2.71	< 0.1	42	79	598	3.88	1.4	80	58.1	0.9	1.2	0.4	< 0.05	1.12	18.7	1.16	0.12
A882218	< 5	22.6	> 3.00	1.53	8.44	1.35	3.31	< 0.1	36	79	585	3.33	1.4	40	59.7	0.8	1.0	0.3	0.07	1.12	17.2	1.11	0.14
A882219	< 5	22.3	> 3.00	2.16	9.36	2.43	3.34	< 0.1	40	83	682	4.48	1.3	30	65.0	1.1	1.2	0.4	< 0.05	1.48	19.1	1.24	0.17
A882220	< 5	23.2	2.12	2.53	7.49	0.84	6.00	0.2	326	65	1980	13.0	4.0	20	48.6	4.2	1.1	1.4	0.07	6.58	55.5	1.55	0.11
A882221	< 5	18.4	2.22	2.64	7.52	0.88	6.11	0.2	300	51	2030	13.4	3.3	50	37.9	4.4	1.0	1.4	0.11	7.39	57.7	1.62	0.11
A882222	< 5	33.8	> 3.00	1.69	9.82	1.77	2.64	< 0.1	110	88	682	3.89	3.4	100	61.9	0.8	1.4	0.3	0.15	2.60	12.0	0.89	0.27
A882223	< 5	27.7	> 3.00	1.64	9.46	1.57	2.19	< 0.1	78	51	500	3.24	3.0	60	38.7	0.8	1.2	0.3	0.08	0.91	14.8	1.32	0.25
A882224	< 5	19.6	2.02	2.53	7.55	1.04	5.47	< 0.1	226	38	1980	13.5	2.0	50	38.8	4.1	1.2	1.4	0.05	5.15	57.6	1.61	0.25
A882225	< 5	10.0	> 3.00	1.86	8.91	2.74	3.51	< 0.1	86	86	879	3.22	2.5	50	69.5	0.8	1.2	0.3	0.11	1.40	18.0	1.32	0.40
A882226	< 5	4.4	2.20	0.72	5.07	0.71	1.94	< 0.1	41	44	327	1.84	0.9	50	29.5	0.4	0.7	0.1	< 0.05	0.56	8.3	0.58	0.36
A882227	< 5	13.7	> 3.00	1.66	8.69	1.82	2.32	< 0.1	77	89	533	3.25	2.3	90	62.1	0.6	1.2	0.2	0.08	0.87	15.9	1.04	0.29
A882228	< 5	7.1	> 3.00	2.88	8.29	1.91	5.08	< 0.1	134	161	1030	5.45	3.6	40	92.5	1.4	2.4	0.6	0.13	1.19	27.7	2.79	0.41
A882229	< 5	20.4	> 3.00	1.35	8.57	1.14	2.85	< 0.1	75	96	484	2.71	1.8	120	62.3	0.7	0.9	0.2	0.12	1.62	16.0	0.93	0.18
A882230	< 5	11.3	2.12	1.52	6.46	1.32	2.97	< 0.1	84	91	623	3.34	2.3	60	55.8	0.9	1.1	0.3	0.07	0.90	15.5	1.22	0.10
A882231	< 5	20.5	> 3.00	1.53	9.26	1.67	2.67	< 0.1	49	46	459	3.09	1.8	70	39.0	0.8	1.4	0.3	0.08	2.63	14.1	1.26	0.14
A882232	< 5	11.6	> 3.00	1.44	9.55	1.90	3.31	0.1	52	373	722	5.49	1.9	40	203	0.8	1.4	0.3	0.10	1.10	19.4	1.41	0.18
A882233	< 5	49.6	2.72	1.85	9.36	2.03	2.14	0.3	124	87	749	4.83	3.9	50	56.4	1.0	1.3	0.3	0.25	2.47	17.9	1.20	0.27
A882234	< 5	30.2	2.37	1.56	8.93	1.68	3.34	< 0.1	68	127	776	5.00	2.2	60	128	0.7	1.5	0.2	0.05	7.11	17.2	0.92	0.35
A882235	< 5	30.3	2.92	0.84	8.87	1.47	2.55	< 0.1	61	57	465	2.88	2.2	50	36.0	0.7	1.2	0.2	0.07	4.41	11.4	0.87	0.19
A882236	< 5	44.3	2.36	1.15	7.97	1.58	2.01	< 0.1	54	367	521	5.41	2.0	50	205	0.6	1.2	0.2	0.15	2.63	14.3	0.82	0.31
A882237	< 5	25.4	1.40	0.87	8.17	1.20	4.12	< 0.1	30	37	212	1.73	2.0	110	21.7	0.6	1.4	0.2	0.12	3.17	6.4	0.70	0.38
A882238	< 5	21.2	2.58	0.96	8.58	3.37	2.38	< 0.1	45	39	432	2.59	2.1	80	31.0	0.6	1.1	0.2	0.06	2.23	10.3	0.86	0.41
A882239	< 5	11.9	> 3.00	1.40	9.33	1.46	5.82	< 0.1	68	48	1200	3.63	1.9	40	34.1	0.9	1.8	0.3	0.10	3.19	12.1	1.17	0.44
A882240	< 5	18.9	> 3.00	1.45	9.68	2.45	2.34	< 0.1	79	73	526	3.34	3.0	40	55.1	0.8	1.4	0.3	0.16	1.16	18.4	1.28	0.26
A882241	< 5	8.8	> 3.00	1.22	8.48	2.06	3.45	< 0.1	83	89	803	2.92	2.6	40	64.6	0.9	1.1	0.3	0.18	0.77	17.2	1.54	0.31
A882242	< 5	1.9	0.08	0.21	0.98	0.11	3.37	< 0.1	9	59	991	16.7	0.2	60	21.8	0.4	0.4	0.1	0.16	0.32	3.1	0.20	0.24
A882243	< 5	5.4	0.09	0.24	0.88	0.32	0.29	< 0.1	16	496	491	11.8	0.1	50	251	0.2	0.1	< 0.1	0.90	1.93	9.3	0.12	0.33
A882244	< 5	6.8	0.27	1.25	3.26	0.57	3.63	0.2	40	148	757	28.9	0.6	120	107	0.6	1.7	0.2	0.48	2.83	8.5	0.67	1.73
A882245	< 5	14.9	1.04	1.57	4.17	0.74	2.19	< 0.1	66	111	499	5.47	1.0	60	47.0	0.6	0.6	0.2	0.18	1.00	12.6	0.62	0.32
A882246	< 5	10.8	2.68	1.31	8.29	4.18	4.06	0.3	105	72	735	4.33	3.3	80	47.8	1.1	1.4	0.5	0.14	1.13	15.8	2.04	0.26
A882247	< 5	11.7	0.25	1.12	2.92	0.49	1.72	< 0.1	27	50	427	9.83	0.6	40	21.1	0.5	0.6	0.2	0.54	1.47	5.5	0.52	1.10
A882248	< 5	21.7	> 3.00	1.67	9.60	1.91	3.37	< 0.1	89	114	636	3.38	2.5	40	75.9	0.9	1.3	0.3	0.14	2.94	18.0	1.18	0.18
A882249	< 5	11.8	> 3.00	0.64	8.59	1.80	1.38	< 0.1	36	41	320	2.13	3.9	90	7.4	0.6	2.4	0.2	0.08	1.73	6.3	0.87	0.07

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882251	< 5	15.3	> 3.00	1.69	8.36	0.83	3.38	< 0.1	64	74	960	4.10	1.1	80	65.9	0.8	0.6	0.3	< 0.05	1.77	21.2	0.49	0.10
A882252	< 5	17.9	> 3.00	3.26	8.46	0.40	6.79	0.1	122	221	1750	8.51	0.4	60	72.0	2.8	0.5	0.9	0.09	0.32	34.3	1.04	0.08
A882255	< 5	16.3	> 3.00	2.73	8.49	2.33	3.81	0.1	120	182	863	4.69	2.8	60	97.2	0.8	4.0	0.3	0.32	2.94	24.7	0.70	0.41
A882256	< 5	9.0	1.38	1.44	2.89	1.05	2.30	< 0.1	55	116	455	2.25	0.4	50	51.7	0.4	1.3	0.2	3.02	0.43	12.5	0.53	7.57
A882257	< 5	23.7	> 3.00	2.12	9.05	2.94	3.38	0.2	125	62	1520	6.01	5.8	40	40.0	2.4	3.0	0.9	0.18	1.16	19.2	4.52	0.48
A882258	< 5	40.5	2.21	1.41	> 10.0	2.56	1.46	0.1	117	122	421	3.38	3.8	50	90.0	1.1	1.2	0.4	0.12	5.75	22.0	1.46	0.37
A882259	< 5	16.0	> 3.00	3.23	8.92	0.63	5.88	0.1	144	772	2010	10.3	3.0	30	398	1.5	1.8	0.6	0.15	1.12	42.6	2.68	0.38
A882260	< 5	9.6	2.09	1.56	5.25	1.57	3.58	< 0.1	78	57	687	3.29	2.9	30	48.2	1.2	1.7	0.5	0.10	1.47	15.5	2.34	0.30
A882261	< 5	15.0	> 3.00	3.69	8.55	2.37	4.60	0.2	66	215	987	4.98	1.1	40	93.7	1.1	1.4	0.4	< 0.05	1.16	28.6	1.24	0.23
A882262	< 5	0.8	0.13	0.04	0.37	0.17	0.08	< 0.1	3	26	84	0.61	< 0.1	100	2.3	< 0.1	< 0.1	< 0.1	< 0.05	0.06	0.7	< 0.05	0.06
A882263	< 5	19.1	> 3.00	2.30	8.93	1.44	3.59	< 0.1	52	71	652	4.22	1.9	60	60.4	1.2	1.5	0.4	< 0.05	1.63	19.9	1.55	0.11
A882264	< 5	19.2	> 3.00	1.89	9.07	1.84	2.94	< 0.1	35	79	644	3.86	1.3	60	53.8	1.0	1.3	0.4	0.07	1.60	17.0	1.25	0.12
A882265	7	12.8	> 3.00	1.48	9.24	3.45	3.11	< 0.1	70	88	585	3.92	1.4	50	56.8	1.0	1.1	0.4	< 0.05	0.68	51.3	1.21	0.22
A882266	< 5	21.3	> 3.00	1.17	8.80	1.07	2.23	< 0.1	67	101	458	3.29	2.1	50	56.1	0.8	1.1	0.3	0.06	0.71	12.9	1.29	0.14
A882267	< 5	5.4	> 3.00	1.42	7.95	2.03	3.32	< 0.1	54	116	556	3.08	1.8	50	63.8	1.2	1.5	0.5	0.07	0.97	14.4	1.63	0.20
A882268	< 5	15.0	> 3.00	1.55	8.74	1.13	1.42	< 0.1	50	69	442	2.87	2.1	50	48.2	0.7	1.2	0.3	0.06	1.05	15.0	1.04	0.93
A882269	< 5	30.9	> 3.00	1.45	8.53	1.17	2.27	< 0.1	42	66	454	3.09	1.8	50	64.6	0.8	1.1	0.3	< 0.05	0.89	14.2	1.08	0.13
A882270	< 5	30.2	2.86	1.09	9.69	4.14	2.27	< 0.1	132	155	572	4.03	4.6	100	70.5	0.9	1.4	0.4	0.33	5.28	23.3	1.49	0.46
A882271	< 5	55.7	> 3.00	2.17	9.78	1.57	2.92	< 0.1	155	90	782	4.53	4.6	50	74.8	1.5	1.6	0.5	0.12	1.03	26.9	1.87	0.37
A882272	< 5	51.1	> 3.00	1.49	9.45	2.26	2.09	< 0.1	127	91	738	5.22	3.9	30	65.0	1.0	1.2	0.3	0.35	1.16	19.6	1.37	0.64
A882273	< 5	42.8	> 3.00	1.16	9.62	2.11	2.37	0.1	139	100	552	4.57	4.5	30	76.5	1.5	1.5	0.5	0.27	2.74	24.1	1.84	0.57
A882274	< 5	42.1	> 3.00	1.53	8.84	1.21	2.84	< 0.1	133	110	759	4.83	4.3	60	69.7	1.1	1.4	0.3	0.25	2.74	19.3	1.18	0.37
A882275	< 5	12.7	> 3.00	2.43	8.29	1.51	3.96	< 0.1	91	236	716	4.59	2.7	50	149	1.0	1.3	0.4	0.12	0.58	22.8	1.68	0.15
A882276	< 5	24.8	> 3.00	1.85	> 10.0	2.31	2.30	< 0.1	118	94	707	3.70	3.7	110	65.9	1.3	1.4	0.4	0.07	2.17	18.3	1.51	0.15
A882277	< 5	39.5	> 3.00	2.06	9.70	1.39	2.08	< 0.1	90	66	701	3.74	3.1	70	44.7	1.0	2.0	0.4	0.14	1.22	15.9	1.19	0.31
A882278	< 5	25.2	> 3.00	0.92	9.67	1.07	2.22	< 0.1	66	48	497	2.34	3.6	40	27.0	0.6	2.3	0.2	0.11	2.73	7.6	0.70	0.21
A882279	< 5	26.2	> 3.00	2.61	9.10	1.85	3.46	0.8	118	105	1020	4.78	3.6	20	65.7	1.5	1.5	0.6	0.06	1.11	21.4	1.86	0.29
A882280	< 5	32.2	2.83	3.13	7.74	0.57	3.39	0.2	213	26	3150	12.4	3.0	30	30.5	4.1	2.0	1.3	0.14	1.26	50.1	1.20	0.07
A882281	< 5	43.4	> 3.00	1.37	8.61	1.26	2.01	0.1	86	340	601	3.46	2.8	120	91.9	1.0	0.7	0.3	0.19	1.76	17.9	0.76	0.13
A882282	< 5	11.4	> 3.00	0.31	8.76	1.89	1.17	< 0.1	25	20	145	1.24	3.8	70	6.6	0.3	1.7	0.1	0.22	3.40	3.4	0.55	0.12
A882283	< 5	6.5	> 3.00	1.50	8.95	0.94	3.71	< 0.1	94	62	525	2.79	2.1	80	44.5	0.6	1.3	0.2	< 0.05	0.75	11.8	1.01	0.30
A882284	< 5	5.3	2.23	0.76	4.74	0.42	1.96	< 0.1	34	55	283	1.69	0.9	70	24.7	0.4	0.7	0.1	0.06	0.61	6.4	0.69	0.17
A882285	< 5	10.7	> 3.00	1.25	8.89	3.12	3.97	< 0.1	82	74	811	2.97	2.8	30	46.9	1.0	1.3	0.4	0.08	1.08	14.2	1.79	0.17
A882286	< 5	29.2	1.96	1.17	7.74	1.91	2.87	< 0.1	67	219	591	5.63	2.2	40	124	0.7	1.1	0.2	0.22	2.70	13.9	1.09	0.66
A882287	< 5	18.7	> 3.00	2.34	8.06	1.65	3.53	< 0.1	78	205	533	4.02	2.5	40	131	0.8	1.2	0.3	0.08	0.87	18.8	1.29	0.15
A882288	< 5	47.3	1.41	1.32	6.85	1.80	2.09	< 0.1	49	181	462	6.32	2.4	30	82.3	0.4	1.2	< 0.1	0.18	6.00	6.8	0.44	0.73
A882289	< 5	10.8	> 3.00	1.68	6.75	1.88	2.02	< 0.1	70	76	394	2.52	1.8	40	57.0	0.5	0.7	0.2	0.06	0.38	12.4	0.83	0.23
A882290	< 5	15.4	2.76	1.33	7.90	2.42	3.90	0.1	78	82	734	3.49	2.3	90	54.2	0.9	1.5	0.4	0.20	1.33	17.9	1.60	0.34
A882291	< 5	24.4	2.86	1.67	8.86	2.84	3.83	0.1	99	68	721	4.00	2.3	90	55.8	1.0	1.6	0.4	0.20	1.31	17.6	1.89	0.19
A882292	< 5	16.0	2.91	1.14	8.10	1.97	3.30	0.2	66	56	486	2.77	2.1	80	41.0	0.7	1.2	0.3	0.08	0.99	13.7	1.18	0.18
A882293	< 5	16.1	2.49	2.88	7.95	2.38	5.54	< 0.1	153	106	1260	5.66	2.2	70	70.3	1.4	1.0	0.5	0.16	1.18	28.1	1.54	0.63
A882294	< 5	21.6	> 3.00	1.66	8.37	2.24	2.93	< 0.1	92	133	641	3.67	2.4	70	70.7	0.8	1.1	0.3	0.11	0.77	18.2	1.21	0.18
A882295	< 5	34.8	3.00	1.53	9.05	2.34	3.20	< 0.1	105	81	524	4.49	2.0	60	59.0	0.9	1.3	0.4	0.12	0.84	20.8	1.89	0.34
A882296	< 5	44.4	> 3.00	1.45	7.86	2.28	2.71	< 0.1	102	51	614	3.62	3.1	60	14.5	1.8	1.5	0.7	0.07	0.75	13.7	1.90	0.17
A882297	< 5	58.3	1.74	1.17	8.99	2.61	3.03	0.1	128	193	668	3.93	3.8	70	110	1.4	1.7	0.5	0.15	8.89	23.3	1.88	0.27
A882298	< 5	17.6	1.89	2.26	6.99	0.89	6.04	0.2	249	29	1780	12.0	3.1	80	25.8	3.9	0.8	1.4	0.08	3.10	49.2	1.48	0.05
A882300	< 5	12.4	> 3.00	1.22	8.98	2.31	2.19	< 0.1	53	59	360	2.25	2.3	100	44.1	0.5	1.3	0.2	0.13	0.99	9.8	0.80	0.29
A882301	< 5	8.9	2.10	1.26	8.05	1.89	6.49	< 0.1	108	179	610	4.50	2.2	80	59.6	1.2	1.2	0.5	< 0.05	0.65	13.5	2.25	0.38
A882302	< 5	11.7	2.53	1.89	6.32	1.71	3.43	< 0.1	88	126	719	3.82	3.2	50	84.7	1.2	1.6	0.5	0.08	1.37	18.6	2.19	0.26
A882303	< 5	11.0	> 3.00	2.85	9.09	2.67	5.20	0.1	126	128	961	4.75	4.7	60	86.7	2.0	2.6	0.7	0.13	1.94	24.7	3.28	0.25
A882304	< 5	14.2	> 3.00	2.50	8.99	2.13	4.93	0.1	137	134	938	4.94	2.3	50	86.5	1.8	2.8	0.7	0.13	1.30	27.0	2.96	0.30

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882305	< 5	8.8	> 3.00	3.64	7.88	1.68	6.73	< 0.1	175	110	1380	7.10	3.6	50	77.9	2.4	2.9	1.0	0.07	1.63	31.9	5.42	0.53
A882306	< 5	44.3	> 3.00	2.57	9.73	2.89	4.26	0.2	146	71	1050	5.59	6.7	30	65.9	2.4	3.0	1.0	0.16	11.4	25.6	5.25	0.43
A882308	< 5	21.3	> 3.00	1.95	8.48	2.99	3.59	0.1	122	54	920	5.15	4.9	90	35.8	2.3	3.2	1.0	0.18	2.30	20.4	4.52	0.51
A882309	< 5	10.7	> 3.00	1.74	9.22	2.01	3.69	0.1	116	80	831	4.38	5.7	70	49.0	2.2	3.4	0.8	0.17	0.55	17.8	4.08	0.51
A882310	< 5	21.7	> 3.00	2.00	9.38	2.44	3.02	< 0.1	70	53	394	2.89	3.0	60	49.1	0.7	1.5	0.2	0.09	1.60	14.1	1.13	0.13
A882311	< 5	28.7	> 3.00	1.28	9.55	1.93	3.52	0.1	84	104	441	3.17	2.5	40	67.2	0.6	1.0	0.2	0.29	2.33	13.8	1.37	0.32
A882312	< 5	27.0	> 3.00	2.32	8.97	1.92	3.86	< 0.1	104	330	681	5.49	3.0	50	202	0.7	1.2	0.2	0.11	1.48	18.3	1.21	0.42
A882351	< 5	24.5	> 3.00	1.11	8.87	1.86	1.67	< 0.1	111	87	529	4.10	3.9	60	56.0	0.9	1.2	0.3	0.53	1.41	17.1	1.30	0.31
A882352	< 5	11.0	> 3.00	1.25	9.29	2.31	2.63	< 0.1	95	45	398	3.38	3.0	100	45.9	0.9	1.2	0.3	0.14	0.94	33.4	2.30	0.48
A882353	< 5	40.8	> 3.00	1.49	9.11	0.48	3.42	0.1	106	116	618	3.91	3.0	90	75.4	0.9	1.9	0.3	0.23	0.24	15.0	1.29	0.33
A882354	< 5	28.2	> 3.00	1.71	9.39	2.88	2.97	0.1	93	54	709	3.51	4.4	80	22.3	1.0	2.7	0.3	0.11	1.47	10.9	1.26	0.15

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A0935009	< 0.1	84.7	19.3	6.2	48.5	7.3	363	133	1.6	0.75	< 0.1	< 1	0.1	< 0.1	503	19.8	39.6	3.9	13.8	1.9	2.0	0.2	1.5
A0935010	0.4	150	18.7	1.6	40.4	7.5	331	141	4.3	10.2	< 0.1	2	0.1	< 0.1	398	18.6	37.4	3.4	12.8	2.1	1.7	0.2	1.4
A882201	0.2	30.7	30.3	2.5	12.0	2.6	179	30	1.1	0.62	< 0.1	< 1	< 0.1	< 0.1	83	7.0	13.2	1.4	6.1	0.7	0.9	< 0.1	0.6
A882202	0.8	55.2	18.3	1.4	40.2	10.6	713	140	5.1	0.63	< 0.1	1	< 0.1	< 0.1	948	18.6	48.0	5.6	24.4	4.0	3.7	0.4	2.4
A882203	0.7	267	20.4	0.9	30.5	17.5	114	5	0.4	0.12	< 0.1	< 1	< 0.1	< 0.1	473	3.5	10.0	1.4	7.6	2.2	3.1	0.4	3.5
A882204	< 0.1	84.3	22.2	< 0.1	39.5	12.8	619	60	0.1	0.05	< 0.1	< 1	< 0.1	< 0.1	899	21.2	52.9	5.6	23.6	4.4	3.7	0.4	2.7
A882205	0.5	216	19.0	3.8	15.4	19.2	144	12	0.4	2.43	< 0.1	1	< 0.1	< 0.1	273	3.5	10.1	1.5	8.0	2.1	3.4	0.5	4.0
A882206	< 0.1	283	20.5	3.8	20.6	27.9	171	26	0.2	0.09	< 0.1	< 1	< 0.1	< 0.1	236	5.6	16.1	2.2	11.8	3.1	4.7	0.7	5.4
A882207	1.1	176	21.8	1.7	13.5	22.7	172	41	0.6	0.29	0.1	< 1	< 0.1	< 0.1	132	4.4	12.6	1.8	9.4	2.6	3.9	0.6	4.5
A882208	0.1	79.6	21.9	< 0.1	65.1	9.7	928	135	4.8	0.28	< 0.1	1	< 0.1	< 0.1	1150	16.7	59.0	5.9	26.6	4.6	3.9	0.4	2.3
A882209	0.4	5.3	2.2	0.9	11.6	0.6	167	9	0.8	1.51	< 0.1	< 1	< 0.1	< 0.1	395	2.4	7.2	0.6	2.5	0.5	0.3	< 0.1	0.1
A882210	< 0.1	146	21.3	< 0.1	48.2	33.0	285	153	1.9	0.45	< 0.1	< 1	< 0.1	< 0.1	420	18.4	46.3	5.4	24.5	5.0	6.4	0.9	6.5
A882211	0.1	98.4	18.9	< 0.1	60.8	16.3	> 1000	164	7.7	1.35	< 0.1	< 1	< 0.1	< 0.1	1420	80.8	197	20.1	83.0	12.6	8.7	0.7	4.1
A882212	< 0.1	57.7	14.9	< 0.1	44.6	7.9	> 1000	64	2.2	0.99	< 0.1	< 1	< 0.1	< 0.1	1140	34.1	111	10.0	41.4	6.6	4.7	0.4	2.0
A882213	< 0.1	135	24.9	< 0.1	31.1	24.3	> 1000	222	7.2	0.88	< 0.1	< 1	0.1	< 0.1	895	114	277	29.4	126	18.1	13.7	1.2	5.8
A882214	0.2	153	26.4	< 0.1	67.6	19.0	> 1000	192	7.5	1.03	< 0.1	1	< 0.1	0.1	1410	77.0	205	19.9	83.7	13.5	9.4	0.8	4.3
A882215	0.3	76.5	23.2	< 0.1	76.3	10.7	> 1000	110	0.8	0.85	< 0.1	< 1	< 0.1	< 0.1	1460	25.6	68.1	7.3	31.4	5.1	3.7	0.4	2.4
A882216	0.2	69.5	19.8	< 0.1	35.5	9.2	795	53	1.1	0.72	< 0.1	< 1	< 0.1	< 0.1	841	28.5	71.0	8.0	32.8	4.7	4.1	0.4	2.2
A882217	0.1	82.3	21.6	< 0.1	50.3	9.2	645	53	0.5	0.12	< 0.1	< 1	< 0.1	< 0.1	726	19.7	54.0	5.5	24.0	4.0	3.5	0.4	2.2
A882218	0.2	82.0	21.1	< 0.1	36.4	8.2	705	51	0.2	0.35	< 0.1	< 1	< 0.1	< 0.1	589	24.7	59.0	6.5	27.0	4.3	3.4	0.3	1.8
A882219	0.3	96.1	24.1	< 0.1	78.0	10.1	741	47	0.2	0.12	< 0.1	< 1	< 0.1	< 0.1	731	17.8	46.7	5.5	23.0	3.8	3.9	0.4	2.4
A882220	< 0.1	175	20.7	< 0.1	43.2	35.5	189	158	0.8	1.29	0.1	< 1	< 0.1	< 0.1	346	20.4	49.5	5.5	25.0	5.5	6.8	0.9	6.5
A882221	< 0.1	162	21.6	< 0.1	45.8	36.1	202	132	0.1	0.15	0.1	< 1	< 0.1	< 0.1	318	20.3	49.4	5.7	25.1	5.8	6.7	0.9	6.6
A882222	0.4	89.4	24.0	0.3	67.1	6.5	914	136	3.5	0.97	< 0.1	< 1	< 0.1	< 0.1	901	14.4	29.4	2.9	11.6	2.1	1.9	0.2	1.3
A882223	0.5	75.8	22.5	< 0.1	51.1	8.3	996	112	3.3	0.92	< 0.1	< 1	< 0.1	< 0.1	914	32.2	78.6	7.9	33.0	4.9	3.3	0.3	1.9
A882224	< 0.1	173	21.1	< 0.1	53.8	35.0	264	74	0.2	0.23	0.1	< 1	< 0.1	< 0.1	391	21.0	50.4	5.8	25.8	5.5	6.6	0.9	7.0
A882225	0.2	64.9	19.9	< 0.1	67.8	8.2	959	94	3.5	0.92	< 0.1	< 1	< 0.1	< 0.1	1090	32.2	77.5	8.4	34.4	4.1	3.5	0.3	1.7
A882226	0.3	33.1	12.2	< 0.1	11.8	3.4	684	40	1.4	0.79	< 0.1	< 1	< 0.1	< 0.1	262	10.7	27.6	2.8	11.7	1.7	1.4	0.1	0.8
A882227	0.3	62.8	21.2	0.9	47.5	6.7	686	84	1.3	0.48	< 0.1	< 1	< 0.1	< 0.1	823	19.4	54.1	5.4	23.1	3.9	2.9	0.3	1.5
A882228	0.3	128	21.4	< 0.1	51.6	14.7	> 1000	146	3.8	0.65	< 0.1	< 1	< 0.1	0.1	1090	45.0	120	14.0	61.4	9.7	7.6	0.7	3.6
A882229	< 0.1	62.3	17.0	0.7	29.6	6.0	834	62	1.9	0.70	< 0.1	< 1	< 0.1	< 0.1	451	19.5	48.5	5.2	22.3	3.4	2.5	0.2	1.3
A882230	0.3	57.7	14.7	0.2	41.1	7.7	869	82	2.5	1.60	< 0.1	< 1	< 0.1	< 0.1	577	25.6	62.5	6.6	28.8	4.4	3.3	0.3	1.8
A882231	0.2	63.3	19.4	< 0.1	51.9	6.9	> 1000	65	0.4	0.16	< 0.1	< 1	< 0.1	< 0.1	769	27.2	67.1	7.0	30.6	4.7	3.4	0.3	1.7
A882232	0.2	130	21.4	0.4	44.1	7.2	903	68	0.4	11.6	< 0.1	2	< 0.1	< 0.1	1180	29.3	68.5	7.3	31.8	4.8	3.5	0.3	1.7
A882233	1.0	101	23.3	0.8	104	9.0	776	155	5.0	0.76	< 0.1	< 1	< 0.1	0.2	490	20.9	52.0	5.4	23.4	3.6	2.8	0.3	1.8
A882234	0.4	81.7	21.8	1.0	69.2	6.6	908	77	3.0	0.49	< 0.1	< 1	0.1	< 0.1	593	18.1	44.1	4.8	20.6	2.9	2.5	0.2	1.4
A882235	0.2	75.1	20.7	< 0.1	60.5	5.5	> 1000	77	3.0	0.94	< 0.1	< 1	< 0.1	< 0.1	736	21.1	51.3	5.1	21.2	2.4	2.3	0.2	1.2
A882236	0.3	148	19.3	0.6	84.2	5.7	> 1000	69	2.8	13.7	< 0.1	2	< 0.1	< 0.1	520	23.3	50.5	5.4	22.6	3.2	2.3	0.2	1.2
A882237	0.3	32.7	16.5	0.3	73.2	4.6	631	69	3.8	1.38	< 0.1	< 1	< 0.1	< 0.1	204	31.9	68.4	6.5	24.7	3.0	2.0	0.2	1.0
A882238	0.3	55.0	24.4	< 0.1	113	5.5	> 1000	70	1.2	0.64	< 0.1	< 1	< 0.1	< 0.1	1360	20.6	50.2	4.9	19.9	3.0	2.3	0.2	1.1
A882239	0.4	64.2	22.3	0.1	41.0	8.7	> 1000	68	2.6	0.82	< 0.1	< 1	< 0.1	0.4	536	25.7	58.6	6.3	26.5	4.1	3.0	0.3	1.7
A882240	0.6	62.3	23.9	< 0.1	58.8	7.2	875	109	4.1	0.92	< 0.1	< 1	< 0.1	< 0.1	972	28.8	75.1	7.5	31.8	4.9	3.2	0.3	1.5
A882241	0.5	40.5	20.2	< 0.1	48.9	8.5	853	103	3.7	1.04	< 0.1	< 1	< 0.1	< 0.1	658	39.2	92.1	9.8	41.6	6.0	4.0	0.4	1.8
A882242	0.5	22.3	3.3	1.2	1.9	3.3	50.4	7	0.8	19.2	< 0.1	< 1	0.1	< 0.1	17	6.0	12.5	1.2	5.1	0.7	0.7	< 0.1	0.5
A882243	1.4	107	5.7	11.7	11.8	1.7	35.5	5	0.7	18.9	< 0.1	2	0.1	0.4	43	5.4	8.3	0.7	2.4	0.3	0.3	< 0.1	0.3
A882244	0.8	63.7	13.0	0.3	17.2	5.1	292	20	1.5	12.1	< 0.1	< 1	0.1	0.1	138	13.9	27.8	2.9	10.9	1.4	1.4	0.1	1.0
A882245	1.1	53.8	12.3	< 0.1	27.8	5.5	350	38	2.2	1.49	< 0.1	< 1	< 0.1	0.1	276	11.4	26.2	2.9	11.5	1.6	1.5	0.2	1.1
A882246	0.5	102	19.8	< 0.1	94.1	11.8	> 1000	156	4.6	1.70	< 0.1	< 1	< 0.1	< 0.1	644	31.1	78.4	9.5	37.3	7.4	5.8	0.6	2.7
A882247	0.7	31.8	9.5	1.2	19.1	4.4	227	20	1.7	27.3	< 0.1	< 1	< 0.1	0.2	98	13.3	27.5	2.8	10.0	1.7	1.2	0.1	0.8
A882248	0.6	66.0	24.9	< 0.1	52.0	7.4	678	89	2.5	2.48	< 0.1	< 1	< 0.1	< 0.1	996	25.9	63.3	6.8	26.8	4.4	3.3	0.3	1.7
A882249	0.3	47.3	23.4	0.1	66.5	5.8	782	165	4.9	0.69	< 0.1	< 1	< 0.1	< 0.1	1230	31.6	71.6	6.9	25.7	3.3	2.5	0.2	1.3

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882251	0.2	73.7	21.1	0.3	34.0	6.7	351	43	0.5	0.17	< 0.1	< 1	< 0.1	< 0.1	246	5.8	13.7	1.5	6.9	1.4	1.4	0.2	1.3
A882252	0.3	114	21.6	2.0	10.5	21.1	305	12	< 0.1	0.14	< 0.1	< 1	0.1	< 0.1	99	3.1	9.9	1.5	8.4	2.3	3.8	0.6	4.5
A882255	0.5	107	25.4	0.4	56.7	6.8	> 1000	103	3.1	15.1	< 0.1	< 1	< 0.1	< 0.1	1020	12.4	31.9	3.5	15.0	2.2	2.2	0.2	1.6
A882256	0.3	39.5	10.7	0.9	17.7	4.4	473	21	1.2	1.28	< 0.1	< 1	< 0.1	0.1	397	10.6	30.4	3.1	13.1	2.0	1.7	0.2	1.0
A882257	0.2	164	26.9	< 0.1	73.6	24.2	846	249	6.6	2.58	< 0.1	1	< 0.1	< 0.1	2310	117	286	30.4	130	19.0	13.6	1.2	6.1
A882258	0.4	103	27.9	0.2	107	9.1	543	149	3.6	2.24	< 0.1	< 1	< 0.1	< 0.1	1050	31.9	77.4	8.4	34.7	5.3	3.8	0.4	2.2
A882259	0.3	207	24.2	< 0.1	20.0	15.6	> 1000	118	4.1	21.2	< 0.1	3	< 0.1	< 0.1	592	50.2	124	14.8	66.7	10.7	7.8	0.7	3.9
A882260	0.4	74.8	13.7	< 0.1	40.3	13.2	> 1000	121	4.3	0.82	< 0.1	< 1	0.1	< 0.1	928	54.4	151	15.9	70.5	9.7	7.4	0.6	3.4
A882261	0.1	89.1	18.7	< 0.1	63.7	10.1	688	40	0.1	0.80	< 0.1	< 1	< 0.1	< 0.1	1130	16.5	43.6	5.2	22.9	4.5	3.7	0.4	2.4
A882262	0.2	5.1	0.9	0.4	3.2	0.3	23.6	3	0.4	1.44	< 0.1	< 1	< 0.1	< 0.1	125	0.8	1.9	0.2	0.8	0.2	0.1	< 0.1	< 0.1
A882263	0.2	91.1	22.0	< 0.1	44.4	12.0	718	70	0.2	0.15	< 0.1	< 1	< 0.1	< 0.1	563	25.5	67.8	7.6	31.6	5.8	5.3	0.5	3.0
A882264	< 0.1	77.1	22.4	< 0.1	54.9	9.2	694	48	0.2	0.12	< 0.1	< 1	< 0.1	< 0.1	589	19.9	53.6	6.0	25.8	4.2	3.9	0.4	2.3
A882265	0.3	58.9	23.8	< 0.1	103	9.1	914	48	0.3	0.22	< 0.1	< 1	< 0.1	< 0.1	722	26.6	67.3	7.1	27.9	4.4	3.6	0.4	2.0
A882266	0.5	51.1	19.8	< 0.1	28.9	8.7	589	81	0.7	1.48	< 0.1	< 1	< 0.1	< 0.1	580	23.6	60.1	6.5	27.4	4.6	3.9	0.4	2.1
A882267	0.1	60.7	20.9	< 0.1	36.9	12.8	772	73	0.2	0.42	< 0.1	< 1	< 0.1	< 0.1	1090	30.0	72.8	8.5	35.8	5.9	5.3	0.5	3.1
A882268	0.2	52.2	20.5	< 0.1	29.2	7.2	370	84	0.5	0.11	< 0.1	< 1	< 0.1	< 0.1	424	24.1	66.4	6.5	27.3	4.0	3.5	0.3	1.7
A882269	0.1	66.5	20.8	< 0.1	23.9	6.8	680	66	1.0	0.13	< 0.1	< 1	< 0.1	< 0.1	650	22.5	58.6	6.6	25.9	3.9	2.9	0.3	1.5
A882270	1.6	67.6	24.2	0.1	112	8.1	783	185	5.1	5.33	< 0.1	1	< 0.1	0.3	1020	17.5	53.1	6.0	24.1	4.1	2.9	0.3	1.7
A882271	0.5	86.9	25.5	0.5	59.7	13.8	939	188	5.8	6.69	< 0.1	1	0.1	< 0.1	1430	35.8	91.6	10.3	43.2	5.9	5.2	0.5	3.0
A882272	1.6	90.3	23.1	1.2	105	8.1	853	164	4.9	1.89	< 0.1	1	< 0.1	0.4	552	23.4	60.0	6.8	29.1	4.0	3.3	0.3	1.9
A882273	1.9	92.5	23.9	< 0.1	79.7	14.0	785	183	6.1	2.73	< 0.1	1	0.2	0.4	630	41.1	103	11.7	48.2	7.2	5.1	0.5	2.8
A882274	1.5	83.9	23.7	1.6	44.4	8.4	933	175	5.5	1.27	< 0.1	1	< 0.1	0.3	405	11.0	39.3	4.3	19.3	4.0	3.1	0.3	1.9
A882275	0.4	96.2	20.6	< 0.1	38.1	10.1	847	100	3.8	4.17	< 0.1	< 1	< 0.1	< 0.1	1010	32.7	87.9	9.5	39.8	6.4	4.9	0.4	2.3
A882276	0.3	78.9	24.0	< 0.1	102	10.9	947	142	2.8	2.16	< 0.1	< 1	< 0.1	< 0.1	935	32.4	85.7	8.7	35.2	5.3	4.1	0.4	2.5
A882277	0.4	104	22.9	< 0.1	64.6	9.1	786	114	3.7	1.86	< 0.1	< 1	< 0.1	< 0.1	530	23.1	52.7	5.9	23.7	4.0	3.2	0.3	2.1
A882278	0.2	60.3	24.2	< 0.1	46.8	5.7	759	103	4.8	0.67	< 0.1	< 1	< 0.1	< 0.1	437	10.1	32.0	3.2	13.6	2.3	1.9	0.2	1.2
A882279	0.1	356	23.5	< 0.1	65.8	14.4	683	133	1.8	0.44	< 0.1	1	< 0.1	< 0.1	764	33.4	88.7	9.7	42.7	6.0	5.5	0.5	3.3
A882280	0.1	264	18.9	< 0.1	23.0	32.8	285	111	0.7	0.21	< 0.1	< 1	< 0.1	< 0.1	263	15.1	39.7	4.6	20.8	4.4	6.0	0.8	6.3
A882281	0.5	76.9	19.1	1.1	38.7	8.2	510	113	3.3	1.61	< 0.1	< 1	< 0.1	< 0.1	397	9.0	23.1	2.5	10.8	1.8	1.9	0.2	1.7
A882282	0.2	49.9	22.5	0.7	61.0	2.6	814	142	2.4	0.44	< 0.1	< 1	< 0.1	< 0.1	1180	6.8	21.9	1.7	7.1	1.4	1.2	0.1	0.6
A882283	0.3	57.0	23.7	0.4	17.7	6.2	830	78	2.1	1.04	< 0.1	< 1	< 0.1	< 0.1	469	16.9	42.2	4.5	19.8	3.3	2.6	0.2	1.4
A882284	0.5	31.6	11.4	1.9	11.4	3.4	365	31	2.0	1.40	< 0.1	< 1	0.1	0.3	173	10.3	26.5	3.1	13.0	2.0	1.6	0.1	0.8
A882285	0.3	57.2	20.6	< 0.1	60.6	9.4	> 1000	107	3.6	0.69	< 0.1	< 1	< 0.1	< 0.1	1700	42.2	103	11.3	47.2	6.8	5.0	0.4	2.2
A882286	0.7	75.3	20.9	< 0.1	66.4	6.1	650	84	3.3	8.54	< 0.1	1	< 0.1	0.1	662	26.1	54.7	5.6	22.8	3.5	2.4	0.2	1.3
A882287	< 0.1	82.2	19.6	< 0.1	32.1	7.4	601	88	2.7	4.86	< 0.1	1	< 0.1	< 0.1	830	26.2	68.0	7.3	34.0	5.2	3.8	0.3	1.9
A882288	0.5	49.1	16.8	0.3	86.2	3.2	702	87	3.3	5.97	< 0.1	< 1	< 0.1	0.2	537	8.7	20.5	2.0	7.3	1.1	0.9	< 0.1	0.7
A882289	0.7	37.4	15.0	0.2	36.8	5.4	469	65	1.9	1.55	< 0.1	< 1	< 0.1	< 0.1	975	14.7	38.1	4.2	18.4	3.2	2.2	0.2	1.3
A882290	0.6	93.5	17.6	< 0.1	46.7	9.0	> 1000	103	3.2	1.05	< 0.1	< 1	< 0.1	< 0.1	1150	37.0	77.1	9.8	36.3	5.3	4.4	0.4	2.0
A882291	0.7	98.3	19.2	< 0.1	83.3	11.3	> 1000	126	1.3	2.82	< 0.1	< 1	< 0.1	< 0.1	1520	29.7	82.8	9.0	35.0	6.3	5.3	0.5	2.5
A882292	0.5	54.2	18.3	< 0.1	44.6	7.1	> 1000	93	1.5	0.62	< 0.1	< 1	< 0.1	< 0.1	805	27.7	61.8	7.1	25.5	4.2	3.1	0.3	1.6
A882293	0.6	96.6	17.2	< 0.1	39.7	12.5	> 1000	97	2.7	1.34	< 0.1	< 1	< 0.1	< 0.1	934	30.6	76.6	8.6	33.0	5.1	4.1	0.4	2.6
A882294	0.6	64.4	19.5	< 0.1	47.5	8.2	947	109	2.3	0.72	< 0.1	< 1	< 0.1	< 0.1	1060	26.2	61.0	7.1	25.8	4.1	3.3	0.3	1.8
A882295	0.5	83.5	22.5	< 0.1	62.0	9.0	> 1000	118	0.9	1.95	< 0.1	< 1	< 0.1	< 0.1	1470	39.0	90.7	10.7	39.3	6.4	4.4	0.4	2.0
A882296	0.8	70.8	18.3	< 0.1	53.8	17.1	> 1000	194	1.5	0.50	< 0.1	< 1	< 0.1	< 0.1	1110	39.0	81.4	10.3	38.4	6.5	6.2	0.7	3.7
A882297	0.6	103	22.9	< 0.1	107	13.3	871	185	0.6	1.19	< 0.1	< 1	< 0.1	< 0.1	1130	42.2	89.2	10.7	38.5	5.5	5.2	0.5	2.8
A882298	0.7	146	17.0	< 0.1	45.8	33.6	205	128	0.1	0.24	< 0.1	< 1	< 0.1	< 0.1	214	14.4	32.1	4.4	18.0	3.8	6.0	0.9	6.4
A882300	0.3	52.5	22.2	< 0.1	51.4	4.9	770	77	2.3	0.53	< 0.1	< 1	< 0.1	< 0.1	966	17.1	41.2	4.6	18.7	2.5	2.0	0.2	1.2
A882301	0.2	44.9	33.1	< 0.1	67.9	11.8	> 1000	80	3.6	2.47	< 0.1	< 1	< 0.1	< 0.1	1090	51.9	119	13.5	55.8	8.3	6.5	0.5	3.2
A882302	0.5	83.5	13.5	< 0.1	45.9	11.5	> 1000	118	4.3	7.04	< 0.1	< 1	< 0.1	< 0.1	1200	39.6	100	11.6	50.2	8.5	6.1	0.5	2.9
A882303	< 0.1	103	19.0	< 0.1	68.9	17.1	> 1000	179	6.6	0.68	< 0.1	1	< 0.1	< 0.1	1830	59.3	154	17.2	75.7	12.1	9.7	0.8	4.5
A882304	0.2	98.2	20.1	< 0.1	54.3	16.2	> 1000	130	0.8	1.54	< 0.1	< 1	< 0.1	< 0.1	1560	52.1	142	15.4	65.4	11.2	8.8	0.8	4.3

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882305	< 0.1	168	21.6	< 0.1	38.5	25.5	> 1000	131	3.7	0.52	< 0.1	< 1	< 0.1	< 0.1	631	106	277	31.6	141	23.2	16.9	1.4	7.0
A882306	< 0.1	147	23.9	< 0.1	87.3	25.0	> 1000	253	8.5	1.38	< 0.1	1	< 0.1	< 0.1	2110	137	330	36.4	156	22.4	15.9	1.3	6.7
A882308	< 0.1	109	17.9	< 0.1	60.1	23.8	> 1000	197	5.4	1.83	< 0.1	< 1	< 0.1	< 0.1	3240	113	279	29.5	123	20.1	13.5	1.2	6.1
A882309	< 0.1	103	22.2	< 0.1	37.2	21.9	> 1000	236	7.6	1.00	< 0.1	1	0.2	< 0.1	1260	108	255	26.2	111	15.6	12.7	1.0	5.6
A882310	0.3	68.3	23.8	< 0.1	57.9	6.4	> 1000	110	3.0	0.74	< 0.1	< 1	< 0.1	< 0.1	1410	23.7	60.5	6.3	25.7	3.7	3.0	0.3	1.5
A882311	0.3	63.8	20.1	< 0.1	56.2	5.9	> 1000	96	3.3	0.73	< 0.1	< 1	< 0.1	< 0.1	810	36.8	83.6	8.9	35.6	5.3	3.1	0.3	1.4
A882312	0.7	105	21.3	32.6	51.8	6.6	> 1000	119	3.7	9.42	< 0.1	1	< 0.1	0.3	1140	18.2	45.4	5.1	21.8	4.4	3.1	0.3	1.6
A882351	1.4	82.6	21.6	0.3	47.4	8.1	609	152	4.0	1.17	< 0.1	< 1	< 0.1	0.4	353	17.9	51.1	6.1	26.9	5.1	3.4	0.3	2.0
A882352	0.4	37.5	19.7	< 0.1	51.6	9.0	884	127	3.0	5.66	< 0.1	< 1	< 0.1	< 0.1	980	58.2	143	15.8	63.8	9.4	5.8	0.4	2.3
A882353	0.2	67.4	25.4	0.5	18.5	8.9	258	114	2.1	7.52	< 0.1	< 1	< 0.1	< 0.1	147	23.9	61.5	6.7	28.6	4.7	3.7	0.3	2.0
A882354	0.3	119	34.3	< 0.1	81.0	8.9	570	168	7.5	0.35	< 0.1	1	< 0.1	< 0.1	896	35.9	79.6	8.3	32.2	3.9	3.4	0.3	1.8

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
A0935009	43.3	0.1	0.1	0.8	0.1	0.1	0.2	< 0.001	0.15	10.7	11	6.1	1.3	0.228	0.034	0.07
A0935010	52.9	0.3	0.1	0.8	0.1	0.3	0.5	0.004	0.13	9.4	12	5.7	1.2	0.247	0.033	0.08
A882201	10.9	0.7	< 0.1	0.3	< 0.1	< 0.1	0.3	< 0.001	0.08	3.9	5	0.4	0.2	0.119	0.056	< 0.01
A882202	19.7	< 0.1	0.2	1.1	0.1	0.2	0.4	< 0.001	0.23	8.2	16	4.2	1.0	0.366	0.158	0.60
A882203	135	< 0.1	0.3	2.1	0.3	< 0.1	0.2	0.002	0.95	9.7	42	0.3	0.1	0.419	0.042	1.86
A882204	26.1	< 0.1	0.2	1.4	0.2	< 0.1	< 0.1	< 0.001	0.34	11.6	16	4.1	1.1	0.114	0.070	0.03
A882205	73.7	0.4	0.3	2.2	0.3	< 0.1	0.2	0.003	0.45	3.6	42	0.3	0.1	0.552	0.039	0.50
A882206	63.8	0.1	0.5	3.5	0.5	< 0.1	0.3	0.002	0.56	3.2	43	0.6	0.2	0.378	0.044	0.73
A882207	166	< 0.1	0.4	3.1	0.4	< 0.1	0.1	0.004	0.33	2.7	41	0.4	0.2	0.603	0.053	3.20
A882208	20.4	0.4	0.1	1.0	0.1	0.3	0.2	< 0.001	0.45	13.7	12	5.2	1.4	0.184	0.120	0.02
A882209	24.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2	< 0.001	0.08	6.9	1	0.5	0.2	0.0259	0.014	0.02
A882210	117	0.3	0.6	4.1	0.6	< 0.1	0.1	0.002	0.28	8.2	38	3.2	0.7	0.647	0.086	0.08
A882211	27.0	< 0.1	0.2	1.3	0.2	0.3	0.4	< 0.001	0.46	26.4	9	10.9	2.5	0.281	0.139	0.05
A882212	35.0	< 0.1	< 0.1	0.7	< 0.1	< 0.1	0.4	< 0.001	0.28	19.5	4	8.6	1.7	0.162	0.109	0.06
A882213	46.9	< 0.1	0.3	1.9	0.2	0.3	0.7	< 0.001	0.24	34.7	11	16.9	4.1	0.322	0.181	0.15
A882214	59.0	< 0.1	0.3	1.7	0.2	0.3	0.7	< 0.001	0.56	43.4	13	14.8	3.0	0.379	0.170	0.06
A882215	34.1	0.1	0.2	1.1	0.1	< 0.1	0.1	0.001	0.55	20.3	13	8.6	2.1	0.224	0.102	0.04
A882216	27.2	0.2	0.1	0.7	< 0.1	< 0.1	0.2	< 0.001	0.21	9.5	9	3.3	0.9	0.136	0.069	< 0.01
A882217	25.1	0.1	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.24	7.9	11	3.7	1.0	0.114	0.076	< 0.01
A882218	20.8	< 0.1	0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.20	8.3	9	3.3	0.8	0.153	0.067	0.01
A882219	18.9	< 0.1	0.1	0.9	< 0.1	< 0.1	< 0.1	< 0.001	0.39	6.6	13	2.8	0.8	0.199	0.077	< 0.01
A882220	129	0.1	0.6	4.2	0.6	< 0.1	< 0.1	0.002	0.37	8.0	39	3.3	0.8	0.514	0.080	0.16
A882221	132	0.1	0.6	4.3	0.6	< 0.1	< 0.1	0.002	0.33	8.2	39	3.4	0.9	0.291	0.069	0.12
A882222	31.9	0.2	0.1	0.8	0.1	0.2	0.3	0.001	0.51	14.0	12	6.1	1.5	0.308	0.102	0.14
A882223	28.9	< 0.1	0.1	0.8	0.1	0.2	0.2	0.001	0.35	10.2	8	5.0	1.1	0.260	0.090	0.14
A882224	136	0.2	0.6	4.2	0.6	< 0.1	< 0.1	0.002	0.38	6.9	38	3.4	0.8	0.307	0.078	0.18
A882225	22.3	< 0.1	0.1	0.8	0.1	0.2	0.4	< 0.001	0.34	12.1	10	5.1	1.3	0.237	0.092	0.38
A882226	10.7	< 0.1	< 0.1	0.4	< 0.1	< 0.1	0.2	< 0.001	0.07	7.3	5	2.0	0.7	0.118	0.045	0.06
A882227	27.1	0.3	< 0.1	0.7	< 0.1	< 0.1	0.2	< 0.001	0.27	12.2	10	4.0	1.1	0.232	0.082	0.05
A882228	37.5	< 0.1	0.2	1.2	0.2	0.2	0.3	< 0.001	0.31	21.5	14	9.5	2.5	0.331	0.161	0.23
A882229	42.0	0.1	< 0.1	0.6	< 0.1	< 0.1	0.3	< 0.001	0.22	8.6	10	2.3	0.6	0.223	0.054	0.06
A882230	37.9	0.1	0.1	0.8	0.1	0.1	0.3	< 0.001	0.23	8.5	15	3.7	1.0	0.317	0.134	0.04
A882231	35.4	0.2	< 0.1	0.6	< 0.1	< 0.1	0.1	< 0.001	0.30	12.8	8	4.2	1.1	0.147	0.084	0.04
A882232	29.5	0.4	0.1	0.7	0.1	< 0.1	0.4	0.004	0.24	13.1	9	3.7	1.1	0.177	0.081	0.04
A882233	37.4	< 0.1	0.1	1.1	0.1	0.3	0.4	0.002	0.66	57.1	13	6.2	1.3	0.375	0.137	0.60
A882234	4.7	< 0.1	< 0.1	0.6	< 0.1	0.2	0.3	< 0.001	0.34	12.3	8	2.8	0.7	0.232	0.071	< 0.01
A882235	1.2	< 0.1	< 0.1	0.6	< 0.1	0.2	0.3	< 0.001	0.35	12.1	7	3.5	0.7	0.212	0.067	< 0.01
A882236	49.0	0.2	< 0.1	0.5	< 0.1	0.1	0.5	0.004	0.49	12.7	6	3.7	0.9	0.215	0.062	0.08
A882237	22.1	< 0.1	< 0.1	0.5	< 0.1	0.2	0.9	< 0.001	0.40	9.4	4	8.0	1.4	0.139	0.051	0.04
A882238	9.1	0.4	< 0.1	0.6	< 0.1	< 0.1	0.3	< 0.001	0.56	15.8	6	4.0	0.9	0.164	0.062	< 0.01
A882239	30.1	0.5	0.1	0.9	0.1	0.1	0.3	< 0.001	0.22	12.1	8	3.4	1.0	0.194	0.068	0.08
A882240	19.8	< 0.1	< 0.1	0.7	< 0.1	0.2	0.3	< 0.001	0.29	13.1	9	6.1	1.5	0.275	0.103	0.35
A882241	26.9	< 0.1	0.1	0.7	0.1	0.2	0.3	< 0.001	0.24	14.0	10	5.8	1.4	0.249	0.094	0.35
A882242	70.4	< 0.1	< 0.1	0.4	< 0.1	< 0.1	0.3	< 0.001	< 0.05	1.3	< 1	0.5	0.1	0.0243	0.048	0.38
A882243	244	0.3	< 0.1	0.2	< 0.1	< 0.1	0.5	0.005	0.15	1.7	< 1	0.3	0.2	0.0151	0.019	0.91
A882244	71.7	0.1	< 0.1	0.6	< 0.1	< 0.1	2.5	0.004	0.15	6.3	2	1.1	0.6	0.0651	0.063	0.78
A882245	171	0.4	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.15	8.7	11	2.1	0.4	0.231	0.067	0.72
A882246	20.6	0.1	0.1	0.9	0.1	0.1	0.3	< 0.001	0.40	52.1	11	7.8	1.9	0.346	0.199	0.50
A882247	137	< 0.1	< 0.1	0.5	< 0.1	< 0.1	0.4	0.003	0.13	5.7	3	1.7	0.5	0.0659	0.062	0.98
A882248	79.1	0.3	0.1	0.7	< 0.1	0.1	0.2	< 0.001	0.35	12.8	11	4.6	1.1	0.252	0.074	0.13
A882249	21.0	< 0.1	< 0.1	0.6	< 0.1	0.3	0.2	< 0.001	0.54	20.0	4	8.2	1.3	0.177	0.056	0.02

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
A882251	39.2	0.2	0.1	0.8	0.1	< 0.1	0.1	< 0.001	0.18	3.9	15	0.7	0.3	0.114	0.027	0.06
A882252	45.5	0.2	0.4	2.6	0.3	< 0.1	0.1	0.002	0.09	5.3	46	0.3	0.1	0.169	0.037	0.18
A882255	41.9	0.4	0.1	0.8	0.1	0.1	0.3	0.003	0.46	38.2	15	2.9	1.2	0.279	0.046	0.36
A882256	12.2	< 0.1	< 0.1	0.4	< 0.1	< 0.1	0.2	< 0.001	0.11	37.8	6	2.4	0.7	0.126	0.064	0.08
A882257	53.1	0.2	0.3	1.8	0.2	0.3	0.6	0.001	0.58	32.4	12	16.9	4.3	0.378	0.182	0.23
A882258	44.4	0.3	0.1	0.9	0.1	0.2	0.7	0.001	0.54	16.0	16	6.9	1.8	0.253	0.071	0.10
A882259	64.4	0.5	0.2	1.4	0.2	0.2	1.1	0.007	0.18	14.1	20	5.6	1.4	0.462	0.155	0.13
A882260	24.9	< 0.1	0.1	0.9	0.1	0.2	0.3	< 0.001	0.21	15.6	13	8.4	1.8	0.408	0.249	0.05
A882261	25.1	0.2	0.1	0.9	0.1	< 0.1	< 0.1	< 0.001	0.26	5.9	18	2.6	0.8	0.149	0.086	< 0.01
A882262	8.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.3	< 0.001	0.06	0.9	< 1	0.1	< 0.1	0.0112	0.007	< 0.01
A882263	7.1	0.2	0.1	0.9	0.1	< 0.1	0.1	< 0.001	0.23	9.4	11	4.2	1.1	0.176	0.096	< 0.01
A882264	18.3	0.1	0.1	0.7	0.1	< 0.1	< 0.1	< 0.001	0.27	9.4	10	3.8	1.0	0.120	0.079	0.01
A882265	7.9	0.2	0.1	0.8	0.1	< 0.1	< 0.1	< 0.001	0.59	5.4	11	4.0	1.0	0.167	0.087	0.14
A882266	57.2	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.18	6.7	10	4.5	1.1	0.240	0.089	0.03
A882267	27.1	< 0.1	0.2	0.9	0.1	< 0.1	< 0.1	< 0.001	0.16	11.4	9	4.7	1.1	0.207	0.100	0.01
A882268	31.9	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.16	5.6	9	3.6	1.1	0.222	0.099	< 0.01
A882269	6.7	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.13	17.1	9	3.6	0.9	0.121	0.055	< 0.01
A882270	66.3	0.1	0.1	1.0	0.1	0.3	0.5	0.009	0.98	30.8	14	8.1	1.9	0.360	0.160	0.72
A882271	36.5	0.2	0.2	1.4	0.2	0.3	0.6	0.002	0.41	13.7	17	9.2	2.1	0.416	0.167	0.27
A882272	50.2	< 0.1	0.1	0.9	0.1	0.3	0.7	0.007	0.77	20.1	13	7.2	1.6	0.365	0.138	1.26
A882273	73.5	< 0.1	0.2	1.4	0.2	0.3	0.8	0.009	0.64	17.2	14	8.0	2.0	0.389	0.164	1.47
A882274	38.0	< 0.1	0.1	1.0	0.1	0.3	0.3	0.003	0.43	16.5	11	6.3	1.8	0.383	0.130	1.00
A882275	23.7	0.1	0.1	0.9	0.1	0.2	0.3	< 0.001	0.21	11.0	11	5.2	1.2	0.317	0.114	0.16
A882276	22.4	0.2	0.2	1.2	0.2	0.1	0.4	0.002	0.67	12.9	13	6.2	1.1	0.323	0.117	0.22
A882277	19.0	< 0.1	0.1	0.9	0.1	0.2	0.4	0.001	0.46	16.9	10	5.3	1.2	0.290	0.092	0.47
A882278	23.0	0.3	< 0.1	0.6	< 0.1	0.3	0.2	< 0.001	0.35	16.7	7	6.8	1.8	0.215	0.070	0.13
A882279	5.7	0.3	0.2	1.4	0.2	< 0.1	0.1	< 0.001	0.41	95.8	18	5.9	1.7	0.320	0.137	0.02
A882280	184	0.2	0.6	4.2	0.6	< 0.1	< 0.1	0.001	0.16	13.4	43	3.2	0.7	0.468	0.078	0.15
A882281	36.4	0.1	0.1	0.9	0.1	0.2	0.5	< 0.001	0.35	6.8	12	1.6	0.5	0.289	0.028	0.39
A882282	9.8	< 0.1	< 0.1	0.2	< 0.1	0.1	0.3	< 0.001	0.49	26.2	2	5.1	1.3	0.183	0.047	0.01
A882283	11.3	0.2	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.11	11.5	8	2.7	1.0	0.216	0.049	0.02
A882284	54.1	< 0.1	< 0.1	0.3	< 0.1	0.1	0.3	< 0.001	0.07	7.0	4	1.6	0.6	0.119	0.047	0.10
A882285	30.8	0.2	0.1	0.8	0.1	0.2	0.3	< 0.001	0.31	13.7	9	6.9	1.5	0.273	0.125	0.23
A882286	50.1	0.1	< 0.1	0.7	0.1	0.2	0.6	0.003	0.38	13.6	8	5.1	1.1	0.195	0.075	0.36
A882287	26.1	0.3	< 0.1	0.7	< 0.1	0.1	0.4	0.001	0.19	12.6	11	5.7	1.4	0.267	0.091	0.05
A882288	26.5	0.2	< 0.1	0.4	< 0.1	0.2	0.5	0.001	0.48	10.1	6	5.4	1.0	0.167	0.038	0.25
A882289	33.3	0.2	< 0.1	0.5	< 0.1	0.1	0.2	< 0.001	0.19	8.8	12	3.0	0.7	0.269	0.078	0.22
A882290	46.3	0.1	0.1	0.7	0.1	0.1	0.3	< 0.001	0.20	19.6	9	5.3	1.4	0.254	0.116	0.38
A882291	42.6	0.2	0.1	0.9	0.1	< 0.1	0.1	0.001	0.37	12.7	11	7.4	1.7	0.259	0.134	0.26
A882292	24.7	0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.001	0.20	12.5	8	4.4	1.0	0.218	0.080	0.05
A882293	43.2	0.2	0.2	1.3	0.2	< 0.1	0.2	0.002	0.19	11.8	18	5.0	1.0	0.317	0.096	0.35
A882294	32.1	0.1	0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.20	11.2	11	4.6	1.2	0.270	0.092	0.15
A882295	39.2	0.2	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.26	18.7	11	8.0	1.8	0.295	0.147	0.23
A882296	69.9	0.2	0.2	1.5	0.2	< 0.1	0.3	< 0.001	0.25	12.0	14	6.7	1.8	0.297	0.138	0.18
A882297	43.6	0.1	0.2	1.2	0.2	< 0.1	< 0.1	0.001	0.83	22.8	17	7.0	1.7	0.361	0.105	0.08
A882298	165	0.2	0.6	3.8	0.6	< 0.1	< 0.1	0.002	0.20	4.5	38	2.4	0.6	0.356	0.059	0.11
A882300	60.2	0.2	< 0.1	0.5	< 0.1	0.2	0.4	< 0.001	0.27	14.2	6	3.5	0.8	0.208	0.057	0.01
A882301	7.1	0.6	0.2	1.0	0.1	0.2	0.3	< 0.001	0.46	13.3	12	8.3	2.1	0.187	0.106	< 0.01
A882302	21.0	< 0.1	0.1	1.0	0.1	0.2	0.3	< 0.001	0.24	18.5	14	7.6	1.8	0.366	0.183	0.07
A882303	26.3	< 0.1	0.2	1.4	0.2	0.3	0.3	< 0.001	0.38	25.0	14	12.1	2.7	0.369	0.196	0.01
A882304	43.3	< 0.1	0.2	1.4	0.2	< 0.1	0.2	0.002	0.34	22.1	14	12.1	3.0	0.288	0.169	0.19

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
A882305	31.6	< 0.1	0.3	1.8	0.2	< 0.1	0.6	< 0.001	0.27	18.3	17	9.6	2.3	0.452	0.285	0.12
A882306	40.0	< 0.1	0.3	1.9	0.3	0.4	0.6	< 0.001	0.70	32.2	12	19.5	4.2	0.456	0.254	0.14
A882308	51.5	< 0.1	0.3	1.9	0.2	0.2	0.8	0.002	0.48	36.6	11	14.9	3.4	0.362	0.228	0.20
A882309	45.3	< 0.1	0.3	1.7	0.2	0.4	0.6	< 0.001	0.28	34.4	10	16.6	4.0	0.349	0.183	0.14
A882310	21.2	0.1	< 0.1	0.6	< 0.1	0.1	0.2	< 0.001	0.30	13.4	8	4.7	1.4	0.229	0.070	< 0.01
A882311	64.4	< 0.1	< 0.1	0.5	< 0.1	0.2	0.4	< 0.001	0.30	16.4	11	6.1	1.4	0.254	0.101	0.31
A882312	21.3	0.2	< 0.1	0.7	< 0.1	0.2	0.4	0.004	0.43	19.4	12	7.6	1.9	0.265	0.100	0.27
A882351	56.1	< 0.1	0.1	0.8	0.1	0.2	0.3	0.007	0.42	40.3	9	4.8	1.2	0.308	0.135	1.06
A882352	22.2	< 0.1	0.1	0.9	0.1	< 0.1	0.4	< 0.001	0.26	8.4	10	10.0	2.5	0.324	0.184	0.52
A882353	20.8	0.1	0.1	0.9	0.1	< 0.1	0.3	< 0.001	0.14	25.0	10	5.2	1.3	0.293	0.090	0.23
A882354	5.5	< 0.1	0.1	1.0	0.1	0.4	0.2	< 0.001	0.51	25.4	6	10.3	3.2	0.238	0.095	0.08

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas										160		10.3			> 5000						179		
Oreas 72a (4 Acid Digest) Cert										228		9.63			6930.000						157		
OREAS 101b (4 Acid) Meas				1.23		2.54			76		984	11.5			9.2	14.8		5.4			49.7	7.77	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 101b (4 Acid) Meas				1.35		2.49			81		1010	11.2			9.6	15.5		5.0			48.7	7.42	
OREAS 101b (4 Acid) Cert				1.23		2.36			77		927	10.7			8.2	15		5.2			45	8.1	
OREAS 98 (4 Acid) Meas																			51.2		131		95.6
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
OREAS 98 (4 Acid) Meas																			46.9		145		94.9
OREAS 98 (4 Acid) Cert																			45.1		121		97.2
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas										> 5000					2220				1.02		76.1		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 13b (4-Acid) Meas										> 5000					2370				0.92		76.7		
OREAS 13b (4-Acid) Cert										8650.000					2247.0000				0.86		75		
OREAS 904 (4 ACID) Meas		16.6	0.04	0.63	7.16	3.63	0.05		82	53	461	6.95	5.3		43.1		9.0		0.61	3.83	89.2		4.26
OREAS 904 (4 ACID) Cert		16.7	0.0340	0.556	6.30	3.31	0.0460		76.0	54.0	410	6.68	5.00		40.1		7.86		0.551	3.79	83.0		4.05
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		24.6	0.11	0.22	9.55	0.45	0.20		141	492	545	15.2	2.6		248	1.5	0.9	0.5		4.04	31.3	0.60	0.37
OREAS 45d (4-Acid) Cert		21.5	0.101	0.245	8.150	0.412	0.185		235.0	549	490.000	14.5	3.830		231.0	1.38	0.79	0.46		3.910	29.50	0.57	0.31
OREAS 220 (Fire Assay) Meas	852																						
OREAS 220 (Fire Assay) Cert	866																						
OREAS 220 (Fire Assay) Meas	850																						
OREAS 220 (Fire Assay) Cert	866																						
OREAS 220 (Fire Assay) Meas	855																						
OREAS 220 (Fire Assay) Cert	866																						
OREAS 220 (Fire Assay) Meas	856																						
OREAS 220 (Fire Assay) Cert	866																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas		34.4	0.34	1.68	6.90	2.62	0.46	0.3	87	67	980	6.55	3.6		34.4	2.8	2.5	1.0	2.11	5.87	23.4	1.31	23.5
OREAS 923 (4 Acid) Cert		31.4	0.324	1.69	7.29	2.51	0.473	0.420	91.0	71.0	950	6.43	3.42		35.8	2.86	2.42	0.960	1.60	6.70	23.1	1.37	21.4
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas		16.9	0.66	1.09	3.63	2.79	3.47		139	35	3980	23.8	2.9		66.9	2.0	0.9	0.7	1.35	0.57	> 500	1.88	8.81
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
OREAS 522 (4 Acid) Meas		17.2	0.65	1.28	4.47	3.01	4.01		169	48	4450	26.4	3.2		83.0	2.1	0.9	0.7	1.33	0.72	> 500	1.87	9.10
OREAS 522 (4 Acid) Cert		16.2	0.633	1.12	3.95	2.83	3.65		164	29.6	3970	24.6	2.96		70.0	1.97	0.700	0.660	1.31	0.640	550	1.88	8.72
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 238 (Fire Assay) Meas	2900																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3000																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	2960																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	2950																						
OREAS 238 (Fire Assay) Cert	3030																						
A882208 Orig	< 5																						
A882208 Dup	< 5																						
A882212 Orig		3.9	2.69	1.06	5.97	1.98	2.17	< 0.1	56	57	483	2.53	2.3	30	21.9	0.7	2.0	0.3	0.19	1.67	8.9	1.65	6.09
A882212 Dup		3.7	2.68	1.04	5.83	1.97	2.13	< 0.1	56	54	477	2.49	0.2	50	22.0	0.9	2.0	0.3	0.18	1.68	9.0	1.56	6.07
A882218 Orig	< 5																						
A882218 Dup	< 5																						
A882222 Orig		34.7	> 3.00	1.71	9.92	1.66	2.63	< 0.1	110	97	688	3.90	3.4	120	61.9	0.8	1.4	0.2	0.15	2.63	12.0	0.89	0.27
A882222 Dup		32.9	> 3.00	1.66	9.73	1.88	2.64	< 0.1	109	80	677	3.89	3.4	80	61.9	0.8	1.4	0.3	0.16	2.56	12.0	0.89	0.27
A882228 Orig	< 5																						
A882228 Dup	< 5																						
A882233 Orig		50.6	2.79	1.84	9.59	2.07	2.15	0.3	125	85	764	4.87	3.9	50	56.6	1.0	1.4	0.4	0.25	2.57	18.0	1.25	0.27
A882233 Dup		48.7	2.65	1.86	9.14	1.99	2.12	0.2	123	90	735	4.80	3.8	50	56.1	1.0	1.3	0.3	0.24	2.37	17.7	1.16	0.27
A882243 Orig	< 5																						
A882243 Dup	< 5																						
A882246 Orig		10.8	2.72	1.32	8.38	4.20	4.13	0.3	105	70	739	4.36	3.1	100	48.3	1.2	1.4	0.5	0.12	1.12	15.8	2.14	0.27
A882246 Dup		10.7	2.64	1.31	8.19	4.16	3.99	0.3	105	74	730	4.31	3.4	50	47.3	1.1	1.3	0.5	0.15	1.14	15.8	1.95	0.26
A882248 Orig	< 5	21.7	> 3.00	1.67	9.60	1.91	3.37	< 0.1	89	114	636	3.38	2.5	40	75.9	0.9	1.3	0.3	0.14	2.94	18.0	1.18	0.18
A882248 Split PREP DUP	< 5	22.8	> 3.00	1.86	> 10.0	1.96	3.80	< 0.1	98	139	732	3.94	2.8	120	81.7	0.9	1.3	0.3	0.14	3.38	20.8	1.31	0.19
A882255 Orig	< 5																						

Analyte Symbol	Au	Li	Na	Mg	Al	K	Ca	Cd	V	Cr	Mn	Fe	Hf	Hg	Ni	Er	Be	Ho	Ag	Cs	Co	Eu	Bi
Unit Symbol	ppb	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.5	0.01	0.01	0.01	0.01	0.01	0.1	1	1	1	0.01	0.1	10	0.5	0.1	0.1	0.1	0.05	0.05	0.1	0.05	0.02
Method Code	FA-AA	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882255 Dup	< 5																						
A882265 Orig	8																						
A882265 Dup	6																						
A882266 Orig		22.5	> 3.00	1.22	9.30	1.13	2.36	< 0.1	70	69	460	3.21	2.1	50	42.1	0.9	1.2	0.4	0.05	0.73	13.1	1.38	0.15
A882266 Dup		20.0	> 3.00	1.11	8.30	1.02	2.09	< 0.1	65	132	456	3.36	2.1	50	70.1	0.8	1.0	0.3	0.06	0.68	12.6	1.21	0.14
A882278 Orig		25.0	> 3.00	0.92	9.76	1.07	2.19	< 0.1	66	48	501	2.32	3.6	50	26.7	0.6	2.3	0.2	0.11	2.66	7.4	0.71	0.20
A882278 Dup		25.3	> 3.00	0.93	9.57	1.07	2.25	< 0.1	66	48	493	2.36	3.6	30	27.2	0.6	2.2	0.2	0.11	2.80	7.7	0.69	0.22
A882280 Orig	< 5																						
A882280 Dup	< 5																						
A882290 Orig	< 5																						
A882290 Dup	< 5																						
A882294 Orig		22.1	> 3.00	1.65	8.27	2.27	2.95	< 0.1	91	121	638	3.63	2.4	70	70.0	0.8	1.2	0.3	0.12	0.77	18.2	1.21	0.17
A882294 Dup		21.2	> 3.00	1.66	8.48	2.20	2.91	< 0.1	92	145	644	3.70	2.4	60	71.5	0.8	1.0	0.3	0.10	0.77	18.2	1.22	0.18
A882300 Orig	< 5																						
A882300 Dup	< 5																						
A882301 Orig	< 5	8.9	2.10	1.26	8.05	1.89	6.49	< 0.1	108	179	610	4.50	2.2	80	59.6	1.2	1.2	0.5	< 0.05	0.65	13.5	2.25	0.38
A882301 Split PREP DUP	< 5	9.1	2.13	1.31	8.40	1.91	6.59	< 0.1	117	161	615	4.53	2.4	60	59.6	1.2	1.1	0.5	< 0.05	0.65	13.6	2.24	0.39
A882305 Orig		8.7	> 3.00	3.60	7.78	1.63	6.61	0.1	171	134	1350	7.01	3.1	60	77.6	2.3	2.8	1.0	0.06	1.64	31.6	5.39	0.53
A882305 Dup		8.9	> 3.00	3.67	7.98	1.73	6.84	< 0.1	178	87	1400	7.19	4.1	40	78.3	2.5	3.0	1.1	0.08	1.61	32.3	5.44	0.53
A882309 Orig	< 5																						
A882309 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	1	4	8	< 0.01	< 0.1	50	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.04
Method Blank																							
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	2	< 0.01	< 0.1	60	3.4	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	0.04
Method Blank																							
Method Blank		< 0.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.1	< 1	4	8	< 0.01	< 0.1	70	< 0.5	< 0.1	< 0.1	< 0.1	< 0.05	< 0.05	< 0.1	< 0.05	< 0.02
Method Blank																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
SDC-1 Meas																							
SDC-1 Cert																							
Oreas 72a (4 Acid Digest) Meas				2.2																			
Oreas 72a (4 Acid Digest) Cert				14.7																			
OREAS 101b (4 Acid) Meas						137				21.0						859	1420	138	370	41.4	41.2	4.5	27.5
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 101b (4 Acid) Meas						133				20.0						794	1560	128	387	47.7	40.4	4.1	27.8
OREAS 101b (4 Acid) Cert						133				20.1						754	1325	127	388	48	40	5.4	27
OREAS 98 (4 Acid) Meas	172	1370										> 200	11.9										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
OREAS 98 (4 Acid) Meas	200	1490										> 200	12.6										
OREAS 98 (4 Acid) Cert	158	1360										206	20.1										
DNC-1a Meas																							
DNC-1a Cert																							
OREAS 13b (4-Acid) Meas		131		46.6						8.54													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 13b (4-Acid) Meas		138		57.5						9.94													
OREAS 13b (4-Acid) Cert		133		57						9.0													
OREAS 904 (4 ACID) Meas	2.7	26.4	17.4	101	141	30.6	28.9	196		2.25	0.2	3	1.3		205	43.4	96.9					0.8	
OREAS 904 (4 ACID) Cert	3.30	26.3	16.7	98.0	130	31.5	27.2	171		2.12	0.220	2.83	1.48		194	43.2	86.0					1.00	
SBC-1 Meas																							
SBC-1 Cert																							
OREAS 45d (4-Acid) Meas		46.4	21.8	8.0	41.7	10.8	32.8	96	0.7	0.37	0.1	< 1	< 0.1		193	17.2	41.3	3.9	15.0	3.0	2.7	0.3	2.6
OREAS 45d (4-Acid) Cert		45.7	21.20	13.8	42.1	9.53	31.30	141	14.50	2.500	0.096	2.78	0.82		183.0	16.9	37.20	3.70	13.4	2.80	2.42	0.400	2.26
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	6.2	328	15.2	4.5	150	23.1	40.8	137	11.2	0.95	0.4	12	1.1		423	40.0	80.0	9.3	32.4	5.3	6.1	0.8	4.9
OREAS 923 (4 Acid) Cert	6.54	345	20.3	7.61	166	26.4	43.0	116	14.1	0.930	0.520	13.3	1.29		434	42.2	83.0	9.58	35.4	6.64	5.73	0.850	5.05
OREAS 621 (4 Acid) Meas																							
OREAS 621 (4 Acid) Cert																							
OREAS 522 (4 Acid) Meas	1.9	28.9	12.4	308	72.5	16.2	98.3	123	1.5	179	0.2	8	3.5	0.1		67.9	99.3	8.8	25.8	3.3	4.1	0.5	3.3
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
OREAS 522 (4 Acid) Meas	1.8	36.1	16.7	389	84.1	17.6	94.9	125	2.1	196	0.2	9	4.3	0.2		66.8	104	8.4	27.5	4.2	4.2	0.5	3.4
OREAS 522 (4 Acid) Cert	2.74	30.2	16.0	490	82.0	18.5	199	112	5.66	206	0.230	9.32	7.93	1.14		171	148	9.76	27.2	4.17	3.87	0.590	3.24
Oreas 77b (4 Acid Digest) Meas																							
Oreas 77b (4 Acid Digest) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
A882208 Orig																							
A882208 Dup																							
A882212 Orig	< 0.1	58.4	15.0	< 0.1	44.5	7.8	> 1000	106	3.1	0.90	< 0.1	< 1	< 0.1	< 0.1	1130	33.8	112	10.0	41.6	6.8	4.7	0.4	1.9
A882212 Dup	0.2	57.0	14.8	< 0.1	44.7	8.0	> 1000	22	1.3	1.08	< 0.1	< 1	< 0.1	< 0.1	1150	34.4	111	10.0	41.2	6.5	4.7	0.4	2.1
A882218 Orig																							
A882218 Dup																							
A882222 Orig	0.3	89.8	23.9	0.3	65.2	6.5	918	138	3.3	1.02	< 0.1	< 1	< 0.1	< 0.1	912	14.6	29.6	2.9	11.6	2.0	1.9	0.2	1.3
A882222 Dup	0.4	89.1	24.2	0.3	69.0	6.5	911	135	3.7	0.92	< 0.1	< 1	< 0.1	< 0.1	891	14.3	29.2	2.9	11.7	2.1	1.8	0.2	1.4
A882228 Orig																							
A882228 Dup																							
A882233 Orig	1.0	102	23.6	0.7	105	9.1	783	154	5.0	0.76	< 0.1	< 1	< 0.1	0.2	492	21.4	53.0	5.5	23.8	3.5	2.8	0.3	1.8
A882233 Dup	1.0	101	23.1	0.8	103	8.8	769	155	5.0	0.77	< 0.1	< 1	< 0.1	0.2	488	20.3	51.0	5.3	23.0	3.7	2.8	0.3	1.8
A882243 Orig																							
A882243 Dup																							
A882246 Orig	0.5	102	19.8	< 0.1	96.4	12.1	> 1000	154	3.8	1.65	< 0.1	< 1	< 0.1	< 0.1	824	33.2	82.0	10.0	38.8	7.9	5.9	0.6	2.8
A882246 Dup	0.6	102	19.8	< 0.1	91.7	11.6	> 1000	157	5.5	1.75	< 0.1	< 1	0.1	< 0.1	465	29.0	74.9	8.9	35.7	6.9	5.7	0.5	2.6
A882248 Orig	0.6	66.0	24.9	< 0.1	52.0	7.4	678	89	2.5	2.48	< 0.1	< 1	< 0.1	< 0.1	996	25.9	63.3	6.8	26.8	4.4	3.3	0.3	1.7
A882248 Split PREP DUP	0.4	70.1	27.6	< 0.1	58.9	8.1	763	106	3.0	2.92	< 0.1	< 1	< 0.1	< 0.1	1170	29.0	72.7	7.6	32.5	4.8	3.6	0.3	2.2
A882255 Orig																							

Analyte Symbol	Se	Zn	Ga	As	Rb	Y	Sr	Zr	Nb	Mo	In	Sn	Sb	Te	Ba	La	Ce	Pr	Nd	Sm	Gd	Tb	Dy
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	0.2	0.1	0.1	0.2	0.1	0.2	1	0.1	0.05	0.1	1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS
A882255 Dup																							
A882265 Orig																							
A882265 Dup																							
A882266 Orig	0.6	49.4	20.8	< 0.1	30.5	9.3	626	81	0.5	0.28	< 0.1	< 1	< 0.1	< 0.1	614	25.3	64.2	7.1	29.4	4.7	4.0	0.4	2.2
A882266 Dup	0.3	52.8	18.8	< 0.1	27.4	8.1	552	81	1.0	2.68	< 0.1	< 1	< 0.1	< 0.1	547	21.9	55.9	6.0	25.4	4.5	3.8	0.4	2.0
A882278 Orig	0.2	60.1	24.5	< 0.1	46.6	5.6	753	104	4.7	0.75	< 0.1	< 1	< 0.1	< 0.1	430	10.0	32.3	3.2	14.1	1.8	1.9	0.2	1.2
A882278 Dup	0.2	60.6	24.0	< 0.1	47.0	5.7	766	101	4.8	0.59	< 0.1	< 1	< 0.1	< 0.1	443	10.3	31.8	3.1	13.2	2.7	1.9	0.2	1.2
A882280 Orig																							
A882280 Dup																							
A882290 Orig																							
A882290 Dup																							
A882294 Orig	0.6	64.3	18.9	< 0.1	46.5	8.1	936	107	2.5	0.74	< 0.1	< 1	< 0.1	< 0.1	1050	25.8	60.2	7.0	25.4	4.3	3.3	0.3	1.8
A882294 Dup	0.7	64.5	20.0	< 0.1	48.4	8.4	957	112	2.2	0.70	< 0.1	< 1	< 0.1	< 0.1	1080	26.7	61.7	7.1	26.3	3.9	3.3	0.3	1.9
A882300 Orig																							
A882300 Dup																							
A882301 Orig	0.2	44.9	33.1	< 0.1	67.9	11.8	> 1000	80	3.6	2.47	< 0.1	< 1	< 0.1	< 0.1	1090	51.9	119	13.5	55.8	8.3	6.5	0.5	3.2
A882301 Split PREP DUP	0.2	46.2	33.7	< 0.1	68.0	11.7	> 1000	83	4.3	2.88	< 0.1	< 1	< 0.1	< 0.1	1060	50.9	118	13.3	54.7	8.7	6.3	0.5	2.9
A882305 Orig	< 0.1	167	21.3	< 0.1	37.9	25.4	> 1000	122	2.6	0.52	< 0.1	< 1	< 0.1	< 0.1	630	104	272	31.4	140	21.8	16.7	1.4	7.1
A882305 Dup	< 0.1	169	21.9	< 0.1	39.2	25.6	> 1000	140	4.8	0.51	< 0.1	2	0.2	< 0.1	631	107	282	31.7	142	24.7	17.2	1.4	6.9
A882309 Orig																							
A882309 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	0.2	0.9	< 0.1	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	< 0.05	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank	0.2	0.2	< 0.1	0.9	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.11	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank	0.3	0.5	0.2	0.2	< 0.2	< 0.1	< 0.2	< 1	< 0.1	0.07	< 0.1	< 1	< 0.1	< 0.1	< 1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
SDC-1 Meas											15			0.0886	0.056	
SDC-1 Cert											17.00			0.606	0.0690	
Oreas 72a (4 Acid Digest) Meas	325															1.61
Oreas 72a (4 Acid Digest) Cert	316															1.74
OREAS 101b (4 Acid) Meas	433		2.0	13.4	1.8					21.4		37.2	428	0.359	0.115	
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387	0.35		
OREAS 101b (4 Acid) Meas	398		2.0	14.2	1.7					25.5		39.8	430			
OREAS 101b (4 Acid) Cert	412		2.08	13.9	1.96					23		36.4	387			
OREAS 98 (4 Acid) Meas	> 10000									340						15.1
OREAS 98 (4 Acid) Cert	14800 0.0									345						15.5
OREAS 98 (4 Acid) Meas	> 10000									352						
OREAS 98 (4 Acid) Cert	14800 0.0									345						
DNC-1a Meas											29			0.259		
DNC-1a Cert											31			0.29		
OREAS 13b (4-Acid) Meas	2180															1.12
OREAS 13b (4-Acid) Cert	2327.0 000															1.2
OREAS 13b (4-Acid) Meas	2300															
OREAS 13b (4-Acid) Cert	2327.0 000															
OREAS 904 (4 ACID) Meas	6100	0.1		3.3	0.4	0.9	2.7		0.57	12.2	13	16.0	9.5		0.109	0.07
OREAS 904 (4 ACID) Cert	6120	0.180		3.14	0.470	0.540	2.12		0.520	10.6	11.2	14.3	8.43		0.0980	0.0630
SBC-1 Meas											22			0.493		
SBC-1 Cert											20.0			0.51		
OREAS 45d (4-Acid) Meas	366			1.5	0.2	< 0.1	0.1		0.26	24.0	56	16.0	3.0	0.299	0.039	0.05
OREAS 45d (4-Acid) Cert	371			1.33	0.18	1.02	1.62		0.27	21.8	49.30	14.5	2.63	0.773	0.042	0.049
OREAS 220 (Fire Assay) Meas																
OREAS 220 (Fire Assay) Cert																
OREAS 220 (Fire Assay) Meas																
OREAS 220 (Fire Assay) Cert																
OREAS 220 (Fire Assay) Meas																
OREAS 220 (Fire Assay) Cert																
OREAS 220 (Fire Assay) Meas																
OREAS 220 (Fire Assay) Cert																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	4160		0.4	2.6	0.4	0.7	4.4		0.86	84.5	14	16.0	3.2	0.413	0.067	0.74
OREAS 923 (4 Acid) Cert	4230		0.410	2.57	0.390	1.11	4.85		0.860	83.0	13.1	16.5	3.06	0.405	0.0630	0.691
OREAS 621 (4 Acid) Meas											6			0.180	0.038	4.65
OREAS 621 (4 Acid) Cert											6.24			0.149	0.0359	4.48
OREAS 522 (4 Acid) Meas	8310		0.3	1.9	0.3	< 0.1	37.1	0.065	0.27	6.0	11	1.4	43.8	0.252	0.084	2.35
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5	10.9	7.53	42.2	0.344	0.0890	2.50
OREAS 522 (4 Acid) Meas	9310		0.3	2.1	0.3	< 0.1	51.1	0.096	0.32	9.2		1.6	47.8			
OREAS 522 (4 Acid) Cert	9160		0.280	1.97	0.310	0.440	135	0.0980	0.290	12.5		7.53	42.2			
Oreas 77b (4 Acid Digest) Meas											4			0.0642		
Oreas 77b (4 Acid Digest) Cert											3.51			0.0640		
OREAS 238 (Fire Assay) Meas																
OREAS 238 (Fire Assay) Cert																
OREAS 238 (Fire Assay) Meas																
OREAS 238 (Fire Assay) Cert																
OREAS 238 (Fire Assay) Meas																
OREAS 238 (Fire Assay) Cert																
OREAS 238 (Fire Assay) Meas																
OREAS 238 (Fire Assay) Cert																
A882208 Orig																
A882208 Dup																
A882212 Orig	42.8	< 0.1	< 0.1	0.7	< 0.1	< 0.1	0.5	< 0.001	0.27	19.3	4	8.6	1.7	0.161	0.111	0.06
A882212 Dup	27.3	< 0.1	0.1	0.7	< 0.1	< 0.1	0.3	< 0.001	0.30	19.7	4	8.6	1.7	0.164	0.108	0.06
A882218 Orig																
A882218 Dup																
A882222 Orig	31.1	0.1	0.1	0.8	0.1	0.2	0.3	0.002	0.53	14.0	12	6.1	1.5	0.306	0.103	0.14
A882222 Dup	32.8	0.2	0.1	0.8	0.1	0.2	0.3	0.001	0.49	13.9	12	6.1	1.5	0.310	0.101	0.14
A882228 Orig																
A882228 Dup																
A882233 Orig	38.1	< 0.1	0.1	1.1	0.1	0.3	0.3	0.002	0.67	57.9	13	6.3	1.4	0.376	0.137	0.60
A882233 Dup	36.7	< 0.1	0.1	1.0	0.1	0.3	0.4	0.002	0.66	56.3	13	6.1	1.3	0.374	0.138	0.60
A882243 Orig																
A882243 Dup																
A882246 Orig	20.2	0.2	0.1	0.9	0.1	0.1	0.3	< 0.001	0.40	52.7	11	8.1	1.9	0.332	0.196	0.50
A882246 Dup	20.9	0.1	0.1	0.9	0.1	0.2	0.4	< 0.001	0.40	51.4	11	7.4	1.9	0.360	0.202	0.51
A882248 Orig	79.1	0.3	0.1	0.7	< 0.1	0.1	0.2	< 0.001	0.35	12.8	11	4.6	1.1	0.252	0.074	0.13
A882248 Split PREP DUP	81.4	< 0.1	0.1	0.8	0.1	0.2	0.3	< 0.001	0.43	14.2	11	5.3	1.3	0.250	0.073	0.12
A882255 Orig																

Analyte Symbol	Cu	Ge	Tm	Yb	Lu	Ta	W	Re	Tl	Pb	Sc	Th	U	Ti	P	S
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
Lower Limit	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.001	0.05	0.5	1	0.1	0.1	0.0005	0.001	0.01
Method Code	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP	TD-ICP
A882255 Dup																
A882265 Orig																
A882265 Dup																
A882266 Orig	73.0	0.2	0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.001	0.18	7.0	10	4.8	1.2	0.227	0.088	0.03
A882266 Dup	41.4	0.1	0.1	0.6	< 0.1	< 0.1	0.2	< 0.001	0.18	6.3	10	4.1	1.0	0.253	0.090	0.03
A882278 Orig	23.3	0.3	< 0.1	0.6	< 0.1	0.3	0.2	0.004	0.34	16.5	7	6.8	1.8	0.214	0.069	0.13
A882278 Dup	22.7	0.3	< 0.1	0.6	< 0.1	0.3	0.2	< 0.001	0.36	17.0	8	6.9	1.8	0.216	0.070	0.13
A882280 Orig																
A882280 Dup																
A882290 Orig																
A882290 Dup																
A882294 Orig	31.3	0.1	0.1	0.7	0.1	< 0.1	0.2	< 0.001	0.20	11.0	11	4.5	1.1	0.267	0.091	0.15
A882294 Dup	33.0	0.1	0.1	0.8	0.1	< 0.1	0.2	< 0.001	0.21	11.4	12	4.6	1.2	0.274	0.093	0.15
A882300 Orig																
A882300 Dup																
A882301 Orig	7.1	0.6	0.2	1.0	0.1	0.2	0.3	< 0.001	0.46	13.3	12	8.3	2.1	0.187	0.106	< 0.01
A882301 Split PREP DUP	7.9	0.5	0.1	1.0	0.1	0.2	0.3	< 0.001	0.45	13.4	13	8.2	2.1	0.274	0.113	< 0.01
A882305 Orig	30.8	< 0.1	0.3	1.8	0.2	< 0.1	0.6	< 0.001	0.27	18.2	17	9.4	2.3	0.428	0.273	0.12
A882305 Dup	32.3	< 0.1	0.3	1.8	0.2	0.2	0.6	< 0.001	0.28	18.5	17	9.9	2.4	0.476	0.297	0.13
A882309 Orig																
A882309 Dup																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank											< 1			< 0.0005	< 0.001	< 0.01
Method Blank	< 0.2	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank											< 1			0.0016	< 0.001	< 0.01
Method Blank	0.9	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.05	< 0.5		< 0.1	< 0.1			
Method Blank											< 1			< 0.0005	< 0.001	< 0.01


Valley Creek
Valley Lake
Black River
GEOLOGICAL LEGEND
db Diabase
g Granite
c Conglomerate/agglomerate
q Quartzite, quartz wacke
mt Mafic tuff
Bedding and/or foliation (inclined, vertical, dip unknown)
Small outcrop
Stripped area
Test Pit
Topographic contour intervals: 2 m and 10 m
LEGEND
Main Access Road
Old roads rehabilitated
New access trails
Topography: Natural Resources Canada
Digital Elevation Model: SRTM 1 arc-second data
Mining Claims: ENDM
Scale 1:5000
(metres)
NAD83 / UTM zone 16N
PLATE 1
TASHOTA RESOURCES INC.
HEMLO WEST PROPERTY
WABIKOBA LAKE AREA
NORTHWEST ONTARIO
2017 EXPLORATION ACTIVITIES
VALLEY CREEK NORTH AREA
PROSPECTING AND GEOLOGICAL MAP
Bowdidge
2019
Diabase/gabbro w/ feldspar phenocrysts "leopard rock"
possible fault
q w/ tuff bands
qtzte & qtz wacke w/ tuff bands
Mafic tuff conglomerate contact quartz wacke with felsic tuff bands

L E G E N D

Main Access Road

Old roads rehabilitated

New access trails

Topography: Natural Resources Canada
Digital Elevation Model: SRTM 1 arc-second data
Mining Claims: ENDM

GEOLOGICAL LEGEND

db	Diabase
g	Granite
c	Conglomerate/agglomerate
q	Quartzite, quartz wacke
mt	Mafic tuff

SAMPLING LEGEND

× 219 Sample location and number (add 882000 to number on map i.e. 219 = 882219)

Scale 1:5000
100 0 100 200 300
(metres)
NAD83 / UTM zone 16N

PLATE 2

TASHOTA RESOURCES INC.

HEMLO WEST PROPERTY
WABIKOBA LAKE AREA
NORTHWEST ONTARIO

2017 EXPLORATION ACTIVITIES
VALLEY CREEK NORTH AREA
PROSPECTING AND GEOLOGICAL MAP

Bowdidge *2019*