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Assessment Report
On the
Cameron Lake East Property
Kenora Mining Division,
Northwestern Ontario

Prepared for
Gold Hunter Resources Inc.

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June 16, 2021

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ITEM 1: SUMMARY

Clark Exploration and Consulting Inc ("Clark") was retained by Gold Hunter Resources Inc. ("Gold Hunter") to carry out a soil geochemical sampling, mapping, and prospecting program on the Cameron Lake East Property in northwestern Ontario. Clark employees carried out the exploration program on the Property from May 26th to June 15th, 2020.

The Cameron Lake East Property ("the Property") is located in the Rowan Lake Area of the Kenora Mining Division in northwestern Ontario, approximately 75 km southeast of the town of Kenora (figure 1). The UTM coordinates for the approximate center of the claim block are 452000 Easting and 5466500 Northing (NAD 83, UTM zone 15). The property has annual work requirements of $93,200 CAD.

The Property consists of 18 contiguous single-cell and multi-cell mining claims for a total of 4,660 Ha (Figure 2) of which EMX Royalty Corporation holds a 100% interest.

The Property is located at the western end of the Late Archean Savant Lake-Crow Lake Belt in the Western Wabigoon Subprovince of the Superior Province in northwestern Ontario. The Wabigoon Subprovince is a 900 km long, east-west trending, composite volcanic and plutonic terrane comprising distinct eastern and western domains separated by rocks of Mesoarchean age. Rocks of the Western Wabigoon Subprovince separate gneissic terranes of the Quetico Subprovince to the south and greenstones of the English River Subprovince to the north.

The Pipestone-Cameron Fault is a major discontinuity separating rocks of the Kakagi Lake greenstone belt in the southwest from the Rowan Lake greenstone belt in the northeast (Meade, 2015). The Pipestone-Cameron Fault Zone is located 3 km southwest of the Property and hosts many gold prospects in the area including 0.464 million ounces (measured and indicated) Cameron Lake deposit (Drabble, et al. 2017, p. 153, their Table 14.21). The Cameron Lake deposit is characterized as a structurally controlled, vein-hosted deposit in which gold is associated with pyritic, quartz-albite breccia veins in strongly carbonatized and serictized mafic volcanic rocks (Melling, 1988). The control on the location of the high-grade mineralization along the fault appears to be lithological. The widest intercepts and highest grades are found where a relatively large west-trending coarse-grained flow (or fine grain mafic intrusive) in the hanging wall intersects the Pipestone-Cameron Fault (Tetlock, 2016).

Historic work on the Property is limited but there have been a few anomalous zones identified, particularly north of Isinglass Lake. This area is dominated by Mafic Volcanic and Intrusive rocks and given the importance of lithologic contacts at the Cameron Lake Deposit, these lithologic contacts on the Cameron Lake East Property should be the focus for future work.

No mineral resources, reserves or mines existing prior to the mineralization described in this report are known by the Author to occur on the Property. There are no known environmental liabilities associated with the Property, and there are no other known factors or risks that may affect access, title, or the right or ability to perform work on the Property.

This report describes the exploration program (~$85,000 no HST) that occurred from May 26th to June 15th, 2020 and consisted of geological mapping, prospecting, and soil geochemical sampling. Samples contained anomalous amounts of gold (Au), copper (Cu), and nickel (Ni).

It is recommended that Gold Hunter follow up on the results of the 2020 program with an exploration program which includes an SGH soil geochemical program and prospecting to further delineate exploration targets.

ITEM 2: INTRODUCTION

Clark Exploration and Consulting Inc ("Clark") was retained by Gold Hunter Resources Inc. ("Gold Hunter") to carry out a soil geochemical sampling, mapping, and prospecting program on the Cameron Lake East Property in northwestern Ontario. Clark employees carried out the exploration program on the Property from May 26th to June 15th, 2020.

Clark employees carried out the exploration program (~$85,000 no HST) on the Property from May 26th to June 15th, 2020. This program consisted of 5 days of soil sampling followed by 13 days of mapping and prospecting. Soil sampling was completed on a 200 m by 50 m grid, north of Isinglass lake, north of an area with anomalous soil results from the 1980s. Mapping and sampling was completed over the entire property on traverse lines designed from historic outcrop locations and aerial images.

The Cameron Lake East Property is located in the Rowan Lake Area of the Kenora Mining Division in northwestern Ontario, approximately 75 km southeast of the town of Kenora. The UTM coordinates for the approximate center of the claim block are 452000 Easting and 5466500 Northing (NAD 83, UTM zone 15). The property has annual work requirements of $93,200 CAD.

The Property consists of 18 contiguous single-cell and multi-cell mining claims for a total of 4,660 Ha (Figure 2) of which EMX Royalty Corporation holds a 100% interest.

The Pipestone-Cameron Fault Zone is located 3 km southwest of the Property and hosts many gold prospects in the area including the 0.464 million ounces

(measured and indicated) Cameron Lake deposit (Drabble, et al. 2017, p. 153, their Table 14.21).

ITEM 4: PROPERTY DESCRIPTION AND LOCATION

The Cameron Lake East Property is located in the Rowan Lake Area of the Kenora Mining Division of northwestern Ontario, approximately 75 km southeast of the town of Kenora. The project area is a four-hour drive from Winnipeg, Manitoba, the closest major urban centre, along Highway 1, 17, and 71. The Cameron Lake East Property can be accessed by Cameron Road, 16km south of Sioux Narrows off Highway 71, or from Maybrun Road, 10km north of Sioux Narrows off Highway 71. Both Cameron and Maybrun roads are unsealed but accessible year-round. The Cameron and Maybrun Roads require travel permits from the Ministry of National Resources (Figure 1).

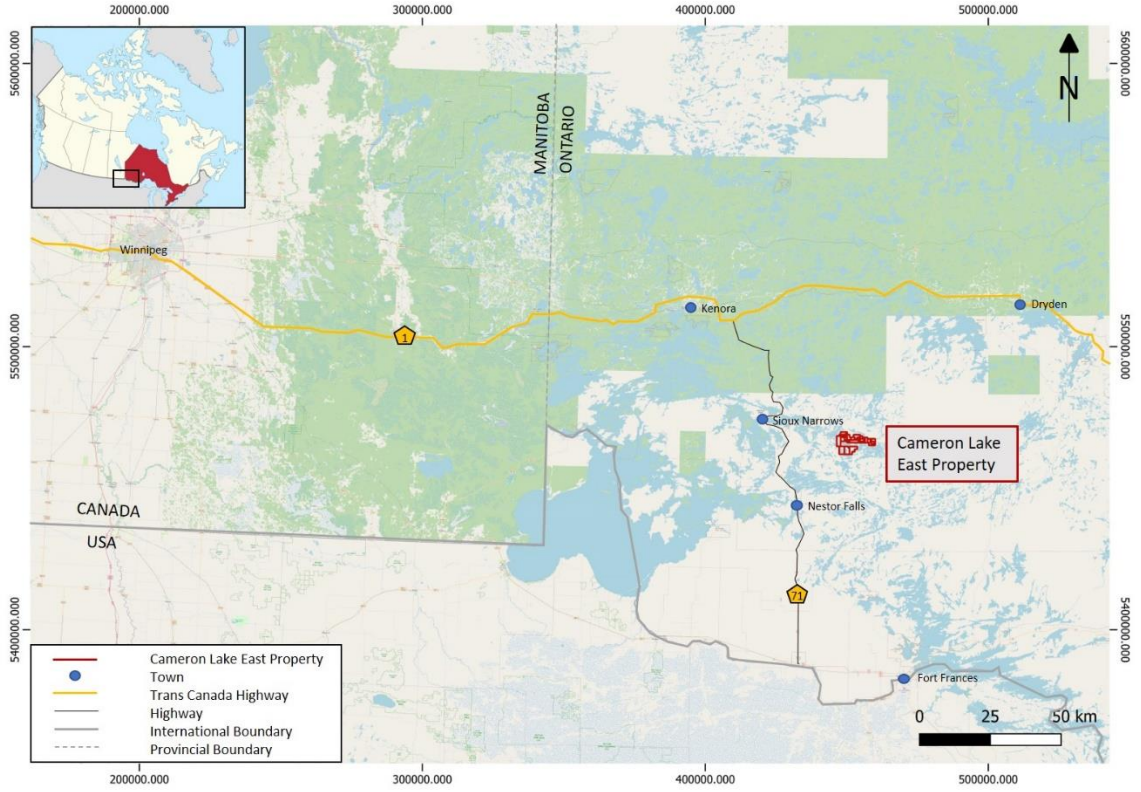

Figure 1. Location of Cameron Lake East Property in northwestern Ontario.

The Property consists of 18 contiguous single-cell and multi-cell mining claims for a total of 4,660 Ha (Figure 2) of which EMX Royalty Corporation holds a 100% interest.

The Ontario Mining Act requires Exploration Permit or Plans for exploration on Crown Lands. The permit and plans are obtained from the MNDM. The processing periods are 50 days for a permit and 30 days for a plan while the documents are reviewed by MNDM and presented to the Aboriginal communities whose traditional lands will be impacted by the work. The authors recommend the company discuss the recommended exploration with the MNDM to determine the plan and/or permit required as well as the Aboriginal communities to consult.

The government of Ontario requires expenditures of $400 per year per cell for staked claims, prior to expiry, to keep the claims in good standing for the following year. The report outlining the completed work must be submitted by the expiry date.

No mineral resources, reserves or mines existing prior to the mineralization described in this report are known by the Author to occur on the Property. There are no known environmental liabilities associated with the Property, and there are no other known factors or risks that may affect access, title, or the right or ability to perform work on the Property. The mining claims do not give the claim holder title to or interest in the surface rights on those claims, and as the land is crown land, legal access to the claims is available by public roads which cross the Property (table 1).

Table 1. List of claims comprising the Cameron Lake East Property.

TENURE NUMBER	CELL TYPE	STATUS	ISSUE DATE	ANNIVERSARY	HOLDER	TOWNSHIP	WORK REQUIRED
552378	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$2,400
552379	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$2,800
552380	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$2,400
552381	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$1,600
552382	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$1,600
552383	Single Cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$400
552384	Single Cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$400
552385	Multi-cell Mining Claim	Active	2019-06-20	2021-06-20	(100) EMX Properties Canada	ROWAN LAKE AREA	$1,200
559475	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$9,600
559476	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$9,200
559477	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$9,600
559478	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$9,600
559479	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ATIKWA LAKE AREA,ROWAN LAKE AREA	$4,800
559480	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$9,600
559481	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$5,200
559482	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$5,600
559483	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$8,800
559484	Multi-cell Mining Claim	Active	2019-09-21	2021-09-21	(100) EMX Properties Canada	ROWAN LAKE AREA	$8,400

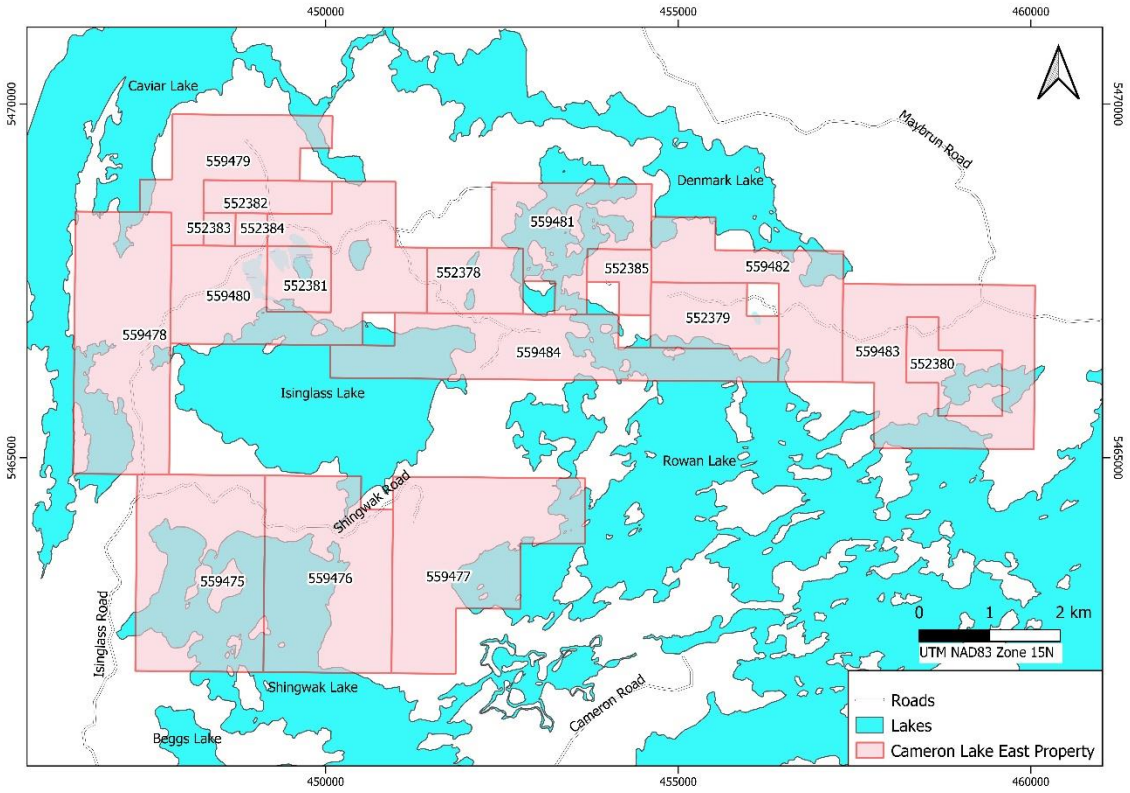

Figure 2. Claim Map of the Cameron Lake East Property (ENDM Ontario).

ITEM 5: ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Cameron Lake East Property can be accessed by Cameron Road, 16km south of Sioux Narrows off Highway 71, or from Maybrun Road, 10km north of Sioux Narrows off Highway 71. Both Cameron and Maybrun roads are unsealed but accessible year-round. The Cameron and Maybrun Roads require travel permits from the Ministry of National Resources.

The closest community is Sioux Narrows, Ontario, with a population of approximately 300. Sioux Narrows is located approximately 28 km west of the Property on Highway 71. Sioux Narrows is a forestry and tourism-oriented community and could be a source of some exploration and mining equipment, supplies and personnel.

The area is serviced by Highway 71 extending south to Fort Frances on Highway 11 (a distance of approximately 120 km), and north to Highway 17 just east of Kenora (a distance of 90 km). Rail transportation is available via the Canadian National and Canadian Pacific Railways – both lines pass approximately equidistant to the Property along Highways 11 and 17. Several small lakes, ponds

and streams on the claim group could supply limited quantities of water. Electrical power is available along Highway 71.

The physiography of the Property is typical of the Canadian Precambrian Shield uplands of Ontario. The topography is characterized by glacial features such as moraines and eskers with subordinate outcrop as topographic highs. Relief is low (less than 35 m) and steep drop offs on outcrops often indicate fault structures.

The density of outcrop exposures is variable and ranges from none (completely covered) to 30% exposure in some areas. The highest density of outcrop is seen on the shorelines of the numerous lakes and islands in the area. The amount of outcrop can often be correlated to lithological units, with dolerites commonly found in extensive linear ridges that have been more resistant to the effects of glaciation. The rocks are generally fresh from the surface with minimal weathering apart from shallow oxidation noted in areas of strong alteration (such as carbonate) or sulphide minerals.

The climate of the Kenora region is characterised as continental. Temperatures in January range from -11.3°C (max) to -20.5°C (min) and in July the maximum temperature is 24.4°C with a low of 14.9°C (Canadian Climate normals 1981-2010). Precipitation is moderate, with an average of 56 cm of rainfall and 164 cm of snow per annum. Frost penetration can be as deep as two metres. The driest period is February through to April.

Vegetation comprises mixed arboreal forest with low lying areas of cedar swamp and bog. Minor plantation timber stands are present, as logging has been extensively carried out and much of the forest is regrowth. Lakes account for a significant proportion of the project area (40%). The average depth is from 10 m to 30 m, with thick layers of organic mud overlaying glacial till sediments of up to 20 m in thickness.

The land holdings are sufficient to allow for exploration and development. The potential surface rights holdings, that can be triggered when the claims go to lease, are sufficient for development of infrastructure to sustain a mining operation.

ITEM 6: HISTORY

Modern exploration work commenced in the 1950s and numerous companies have carried out prospecting, line cutting, geological mapping, trenching, soil and outcrop sampling and ground and airborne magnetic and electromagnetic surveys. A review of assessment reports available on the Ministry of Northern Development and Mines online geoscience database was completed, and those reports are listed below.

There are no mineral resources or reserve estimates for the property and there has been no mineral production from the Property.

1952 – Denlake Mining Co Ltd (AFRI 52F05SE0142): Conducted a geological mapping program and a magnetometer survey covering the northwest corner of current claims 559481 and 552378.

1952 – Noranda Mines Ltd (AFRI 52F05SE0121): Completed two drill holes on current claim 552378. No assays reported.

1952 – Noranda Mines Ltd (AFRI 52F05NE0143): Conducted a geological mapping program and a magnetometer survey covering current claims 552378, 559481, and 559484.

1955 – Dome Exploration (Canada) Ltd (AFRI 52F05SE0124): Completed two drill holes on current claim 559480.

1955 – Dome Exploration (Canada) Ltd (AFRI 52F05SE0125): Completed seven tightly clustered drill holes on current claim 552381.

1956 – Green Bay Mining & Exploration (AFRI 52F05NE0040): Completed four drill holes in Atikwa Lake area – exact locations unknown.

1956 – Seaco Exploration Co Ltd (AFRI 52F05SE0126): Completed three drill holes on current claim 552378. No assays reported.

1956 – Green Bay Mining & Exploration (AFRI 52F05NE8181): Conducted a geological mapping program which covered the northwest corner of the current claim block between Caviar and Isinglass Lakes.

1956 – Green Bay Mining & Exploration (AFRI 52F05SE0123): Completed six drill holes on current claims Minimal copper assays reported.

1957 – Denrow Mines Ltd, Nic-Cop Mines Ltd (AFRI 52F05NE0052): Conducted a geological mapping program on cut lines at 400 ft spacing and an electromagnetic survey completed at 200 ft spaced lines. Central part of current property around Rowan Lake, south of Denmark Lake.

1969 – Maybrun Mines Ltd (AFRI 52F05NE0043): Conducted an electromagnetic survey with slight overlap of the northern edge of the current property.

1971 – Amax Expl Inc (AFRI 52F05NW8162): Completed seven drill holes on the west side of the property between Caviar and Isinglass Lakes. No assays reported.

1971 – Amax Expl Inc (AFRI 52F05NW8162): Completed an EM and magnetic survey on four claims on the Northeast side of Rowan Lake.

1972 – Amax Expl Inc (AFRI 52F05SE0139): Conducted a magnetic survey over the eastern portion of the current claim block.

1972 – Amax Potash Lid (AFRI 52F05NE0153): Conducted an electromagnetic survey.

1973 – Amax Exploration Inc (AFRI 52F05SE0129): Completed one drillhole on Rowan Lake on claim 552380. No assays reported.

1975 – Hudson Bay Exploration and Development Company Ltd (AFRI 52F05SE0132): Conducted an electromagnetic survey over current claims 559477, 559484, and 559483.

1981 – Nuinsco Resources Ltd (AFRI 52F05SE0112): Conducted a geological mapping, magnetic, and IP surveys on The Cameron Lake Property which intersected the southwest corner of current claim 559475.

1983 – Bruneau Mining Corp (AFRI 52F05SE0103): Conducted an airborne Magnetometer survey which covered the current entire claim block.

1984 – Soteroplos, T. (AFRI 52F05SE0096): Conducted a line cutting, magnetometer, and VLF-EM survey over current claim 559477.

1984 – Cream Silver Mines Ltd (AFRI 52F05SE0082): Completed a prospecting, B horizon soil sampling, and subsequent trenching program between Shingwak Lake and Beggs Lake on current claim 559475. Three parallel gold trends were identified from soil sampling with gold values up to 120 ppb.

1984 – Korpela, D., Grant, J., and Collin, Y. (AFRI 52F05SE0090): Conducted a magnetometer survey over the southern and eastern parts of Isinglass Lake and northeast corner of Shingwak Lake on current claims 559484, 559476, and 559475. Magnetics defined a number of features to be followed up on.

1984 – Sault Meadows Energy Corp (AFRI 52F05SE0086): Conducted a DIGHEM survey over the area between Isinglass, Shingwak, and Rowan Lakes covering current claims 559475, 559476, and 559477. Several discrete bedrock conductors were identified.

1984 - Anglo Canadian Mining Corp, Bigstone Minerals Ltd (AFRI 52F05SE0052): Conducted a geological mapping, line cutting, prospecting, and trenching program in the Loss Bay area on the central north side of Rowan Lake over current claims 559483 and 552380. The best assay returned was 4430 ppm Cu.

1984 – Rosenthal, A. M. (AFRI 52F05SE0093): Conducted a VLF EM survey south of Caviar Lake on the western edge of current claim 559475. Recommended work includes a geochemical sampling program.

1984 - Atikwa Resources Inc (AFRI 52F05SE0091): Conducted a large magnetic and electromagnetic survey which barely intersects the southern and eastern borders of the current property (current claims 559483, 559475, and 559476). Recommended follow-up on conductors for possible gold mineralization.

1984 – Bernier, K. (AFRI 52F05SE0085): Conducted a geological mapping program between Shingwak and Caviar Lakes (current claim 559475). Noted four areas of interest including Pyrite and Pyrrhotite in quartz veins, at volcanic contacts, and within siliceous dacite. Recommended Mag/EM surveys to follow up on amphibolite-gabbro contact.

1984 – Cominco Ltd (AFRI 52F05NE0014): Conducted a VLF and magnetometer survey over Scott Bay at the southern end of Caviar Lake. No continuous magnetic horizon was apparent, and IP was suggested as a better method to define shear zones in the area.

1985 – Bigstone Minerals Ltd (AFRI 52F05NE0013): Conducted a magnetic and VLF-EM survey on the east and west sides of Isinglass Lake and the central part of Rowan Lake over current claims 559475, 559478, 559479, 552382, 552383, 552384, 559480, 552381, 559484, 552378, and 559481.

1985 - Interstrat Resources Inc, Kengate Resources Ltd, Newfields Minerals Inc (AFRI 52F05SE0038): Conducted a geological mapping, prospecting, trenching, and soil sampling program between Denmark and Rowan Lakes covering current claims 552379, 559484, 559482, 559483, and 552380. Gold is associated with massive sulphide (py, po, cpy), stringers and pillow selvages. The best value from chip sampling was 0.066 oz/t over 0.5m. Recommended Mag/EM survey, tighter spaced soil sampling, and diamond drilling programs.

1985 – Hansen, J. (AFRI 52F05SE0066): Conducted an airborne VLF and magnetometer survey. Four out of five samples collected in the area in 1983 returned assays with anomalous gold values (480, 580, 720, 171 ppb Au). Samples are located within or adjacent to faulting and gabbros.

1985 – Great Central Mines Ltd (AFRI 52F05SE0049): Conducted an airborne magnetometer and VLF survey between Shingwak and Isinglass Lakes on current claim 559476.

1985 – Kengate Resources Ltd (AFRI 52F05SE0048): Conducted an airborne magnetometer and VLF-EM survey between Denmark and Rowan Lakes over current claims 559482, 552379, 559484, 559483, 552380.

1985 - Loydex Resources Inc (AFRI 52F05SE9656): Conducted a VLF-EM survey between Shingwak and Caviar Lakes on current claim 559475. Ten VLF conductors were identified and the seven associated with dacite and known pyrite mineralization were recommended for follow-up.

1985 - Loydex Resources Inc (AFRI 52F05SE0075): Conducted a magnetic survey between Shingwak and Caviar Lakes on current claim 559475. Recommended a VLF-EM survey for follow-up (previous report).

1985 – Nuinsco Resources Ltd (AFRI 52F05SE0021): Conducted diamond drilling, geological mapping, metallurgical testing and bulk sampling, and overburden drilling on the Cameron Lake Property which intersected the southwest corner of current claim 559475.

1985 – Interstrat Resources Inc, Kengate Resources Ltd, Newfields Minerals Inc (AFRI 52F05SE0068): Conducted a literature review of the area between Rowan and Denmark Lakes over current claims 552379, 552380, 559482 and 559483. Recommended a two-phase program involving geological mapping, geochemical sampling, VLF-EM, IP, trenching, and diamond drilling. Phase 1 proceeded which involved geological mapping and B horizon soil sampling.

1985 - Cream Silver Mines Ltd (AFRI 52F05SE8137): Conducted a VLF-EM survey, soil geochemical program, and prospecting program south of Shingwak Lake on current claim 559475.

1986 - Kengate Resources Ltd, Newfields Minerals Inc (AFRI 52F05SE0010): Conducted a VLF, magnetometer, and soil survey program on the north shore of Rowan lake over current claims 552379, 552380, 559482 and 559483. This work defined three exploration targets; (1) a combined VLF/magnetic/soil anomaly related to semi-massive sulphides, strongly anomalous in copper and anomalous in gold, (2) a VLF anomaly less than 300 ft south of a semi-massive sulphide bearing trench with Cu-Au mineralization, and (3) a carbonatized, sulphide enriched and silicified outcrop on the shore of Rowan Lake in the southern portion of the property. Additional work recommended.

1986 – Soteroplos, T. (AFRI 52F05SE0039): Conducted a geological mapping program on four claims on the south shore of Rowan Lake. Barely intersects the eastern edge of current claim 559477.

1986 - Anglo Canadian Mining Corp, Bigstone Minerals Ltd (AFRI 52F05SE0062): Conducted a fifteen-hole diamond drilling program on the islands in the middle of Rowan Lake and on the peninsula covered by the southeast corner of current claim 559483. Drilling confirmed the presence of alteration zones similar to the Cameron deposit, but assay results were disappointing.

1986 – Rosenthal, A. (AFRI 52F05SE0033): Completed one diamond drillhole, assays returned trace gold.

1988 - Colby Resources Corp (AFRI 52F05SE0012): Conducted a ground VLF-EM, magnetometer, and gradiometer survey in the Shingwak Lake area which intersects the southeastern corner of current claim 559477.

1988 – Caliban Resources Inc (AFRI 52F05SE0506): Conducted an exploration program involving line-cutting, soil sampling, geophysical surveying, geological mapping, and hand trenching on the north side of Isinglass Lake over current claims 559480, 552381, 559484, and 552378. Soil sample assays returned values as high as 2040 ppb.

1989 - Caliban Resources Inc (AFRI 52F05SE0503): Conducted a geochemical soil sampling survey to accumulate additional geochemical information in areas previously identified to be anomalous in copper and gold. This survey was completed on the north side of Isinglass Lake over current claims 559480, 552381, 559484, and 552378. Highest assay results include 368 ppm Cu and 148 ppb Au.

1990 - Caliban Resources Inc (AFRI 52F05SE0502): Completed three diamond drill holes on current claim 559484. Best assay result 0.035 oz/t gold and 0.04 oz/t silver over 2.5 ft in hole 2 (figure 5).

1990 - Caliban Resources Inc (AFRI 52F05SE0501): Conducted a trenching program and interpreted the three diamond drill holes reported in the previous report. Trenches were completed to follow up on previous trenches which exposed shear-hosted quartz veins. Recommended work includes a VLF-EM survey.

2007 – Canadian Arrow Mines Ltd (AFRI 20000002212): Conducted an airborne Magnetic and EM survey between Caviar, Isinglass, and Denmark Lakes over current claims 559479, 552382, 559480, 552383, 552384. A second grid was completed between Denmark and Rowan Lakes on current claims 552385, 559481, 559482, and 552379.

2008 – Canadian Arrow Mines Ltd (AFRI 20000004085): Conducted an exploration program consisting of prospecting and grab sampling on the northwest side of Isinglass Lake on claims 559482, 559484, 559480, 552381, 552383, 552384, 552382, and 559479. Prioritized the Roseman-Thomson Showing and Bergman Showing which are probably connected at depth. Noted seven other sulphide occurrences on the western limit of Isinglass Lake which have never been tested for gold mineralization. Best grab sample assay returned 1.385 Cu and 0.802 Au. Recommended soil sampling.

2008 – Canadian Arrow Mines Ltd (AFRI 20000003840): Conducted a diamond drilling program on two areas which were both north of the current property and failed to produce economic results.

2008 – Norris, M. E. (AFRI 20000003529): Conducted an overburden drilling program and blasting/trenching program between Rowan Lake and the east end of Denmark Lake on current claims 559482 and 559483.

2008 – Norris, M. E. (AFRI 20000002860): Completed twelve (?) drill holes and prospecting with the best grab assay being 170 ppb Au, 6.6 ppm Ag, and 2.29% Cu from the Longe Trench between Rowan Lake and the east end of Denmark Lake on current claims 559482 and 559483.

2008 – Norris, M. E. (AFRI 20000003004, AFRI 20000003277, 20000000215): Conducted a ten-hole air track drilling program and prospecting program, between Rowan Lake and the east end of Denmark Lake on current claims 559482 and 559483.

2013 – San Gold Corp (AFRI 20000007903): Conducted an airborne VTEM survey north of Isinglass Lake over current claims 559478, 559477, 559479, 559480, 552382, 552383, 552384, 559484, 552378, 559481, 552385. Several anomalous zones were identified and should be followed up with if they correspond to an exploration model.

ITEM 7: GEOLOGICAL SETTING AND MINERALIZATION

7.1 Regional Geology

The Cameron Lake East project is located in the western Wabigoon Subprovince within the Superior Province in northwestern Ontario. The Wabigoon Subprovince is a 900 km long, east-west trending, composite volcanic and plutonic terrane comprising distinct eastern and western domains separated by rocks of Mesoarchean age. Rocks of the Western Wabigoon Subprovince separate gneissic terranes of the Quetico Subprovince to the south and greenstones of the English River Subprovince to the north. The Western Wabigoon terrane is one of a series of Neoarchean collisional terranes that were accreted around the North Caribou Superterrane.

Each collisional event produced late tectonic intrusions, unconformably overlying late tectonic sediments, and orogenic gold mineralization. Gold in the Wabigoon terrane is bracketed at approximately 2690 Ma, between 2700 Ma in the Uchi terrane and 2687 Ma in the Wawa terrane (Percival, 2007).

In general, Western Wabigoon stratigraphy consists of a lower tholeiitic basalt-dominated assemblage and an upper calc-alkaline mafic to felsic flow and volcaniclastic assemblage. In some areas late tectonic alkaline and calc-alkaline volcaniclastics unconformably overlay both, either in or adjacent to late tectonic sedimentary assemblages.

Several regional scale fault arrays transect the terrane, often adjacent to late tectonic sedimentary assemblage remnants. The east-trending Wabigoon fault to the north, extends from Lake of the Woods east past Dryden. Another east trending but offset fault array with multiple named segments extends from Kakagi Lake through Straw Lake, Mosher Bay, and Thundercloud Lake. The two east trending faults are interconnected through the relatively late northwest and northeast trending Pipestone-Cameron and Manitou Straits faults, which record some of the latest deformation (Figure 3).

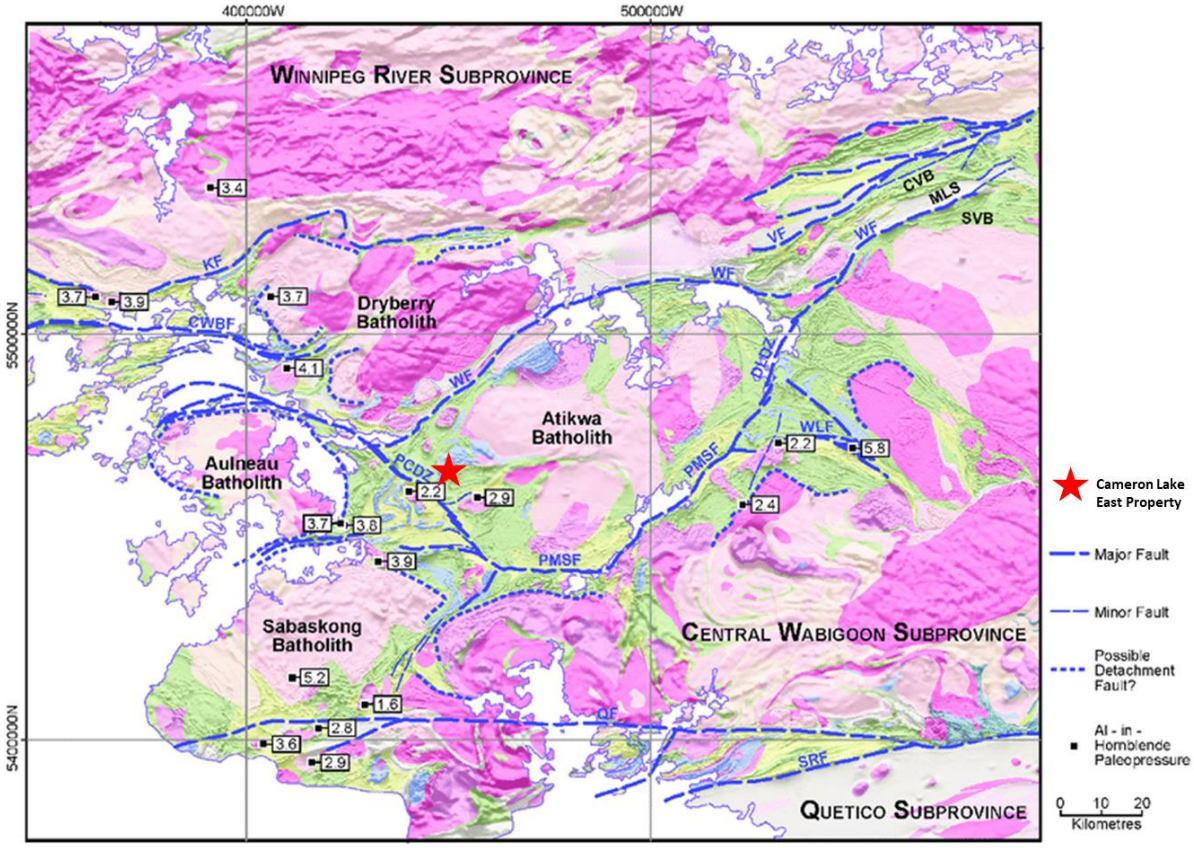

Figure 3. Regional Geology with location of Cameron Lake East Property highlighted by red star (modified from Thurston, 2015).

7.2 Property Geology

The Pipestone-Cameron Fault (PCDZ in figure 4) is a major discontinuity separating rocks of the Kakagi Lake Greenstone Belt in the southwest from the Rowan Lake greenstone belt in the northeast. The Cameron Lake East Property lies within the Rowan Lake Greenstone belt which includes a succession of pillowed mafic flows called the 'Rowan Lake Volcanics' and a succession dominated by intermediate pyroclastic rocks known as the 'Cameron Lake Volcanics' (2732 ± 2Ma). This volcanic stratigraphy is folded by the Shingwak Lake anticline, the major structural feature on the property (Meade 2015).

A number of late-tectonic intermediate to felsic granitoid plutons occur in the central portion of the greenstone belt, these include the Stephen Lake pluton (2699 ± 2Ma; Davis and Edwards 1986) and the Nolan Lake stock (2705 ± 4Ma; Lewis, Kamo, and Lodge 2012). A suite of late syntectonic feldspar porphyry and quartz feldspar-porphyry dykes occur along the trace of the Pipestone-Cameron fault zone (Meade, 2015).

The Cameron Lake East property is dominated by mafic volcanic rocks belonging to the Rowan Lake Volcanics and mafic to ultramafic intrusive rocks (Bernard, 2009). Gold, nickel, and copper mineralization is associated with lithologic contacts between mafic and ultramafic rocks which makes the property attractive. An offshoot of the Atikwa Batholith comprises the northern edge of the Property, and smaller granitic bodies are dispersed throughout the northern half of the Property (Figure 4).

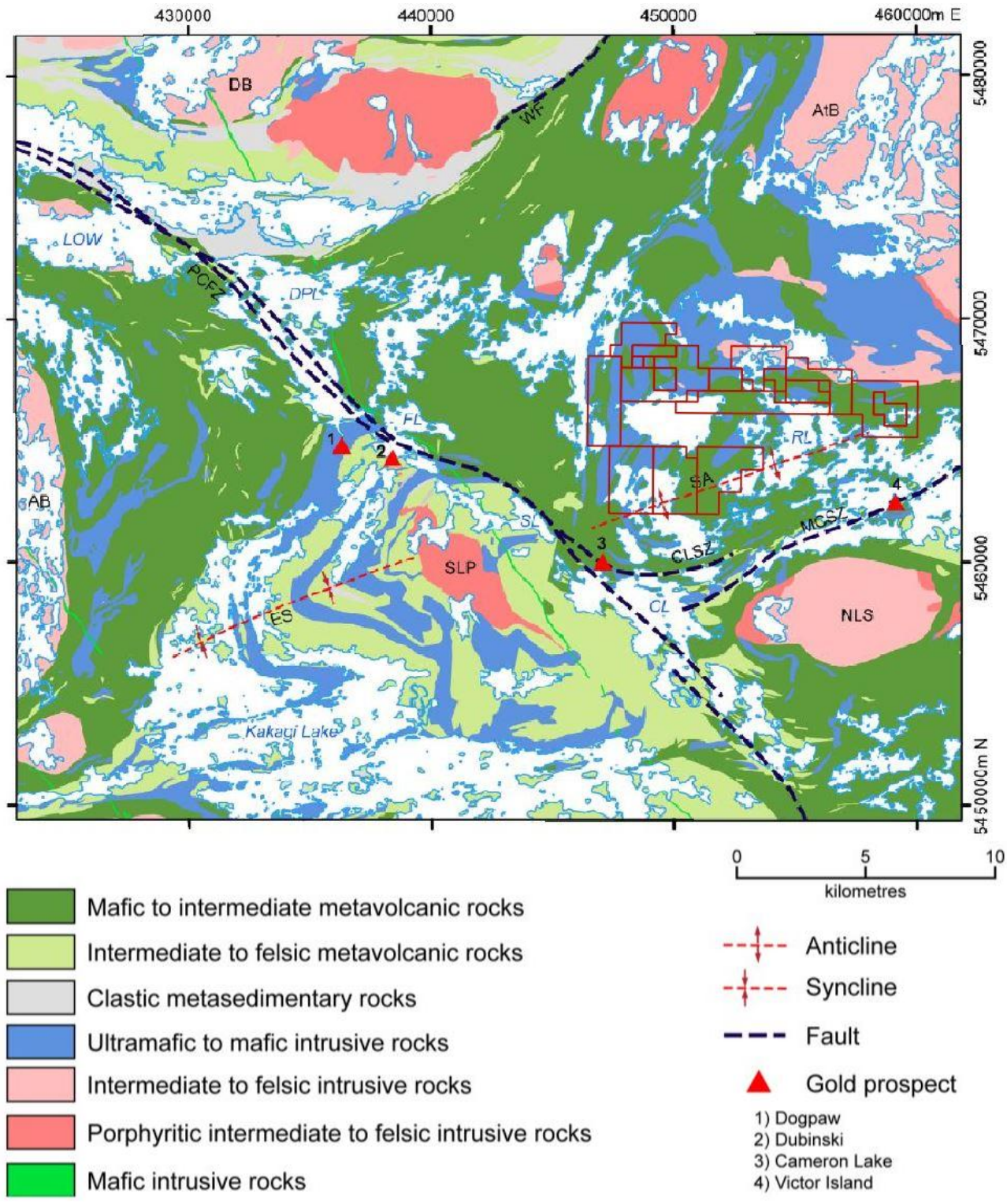

Figure 4. Property Geology of Cameron Lake East Property (modified from Johns, 2007). Shingwak Lake Anticline (SA), Stevens Lake Pluton (SLP), Pipestone -Cameron Fault (PCDZ), Cameron Lake Shear Zone (CLSZ), Nolan Lake Stock (NLS), Atikwa Lake Batholith (AtB).

7.3 Mineralization

Two showings exist north of Isinglass Lake known as the 'Roseman-Thompson' and 'Bergman' Showings. According to the Ontario Mineral Deposit Inventory, the Roseman-Thompson Showing is located on the Cameron Lake Property, however field geologists identified the true location of the showing 160 m west of the current showing location, and 10 m west of the Cameron Lake East Property boundary. Although this showing is off the Property, the proximity to the Property is promising for similar mineralization. At the Roseman-Thompson Showing there is a five-stamp mill, now in ruins, indicating this discovery was made in the late 1800's or early 1900's. One quartz vein was exposed for over 50m through nine trenches, striking between Az110° and Az160°. The wall rock is an altered, sheared, chloritized, and epidotized basalt or fine-grain gabbro. The vein contains fine grain hematite, and two chip samples collected 50m apart in 2009 returned values of 16.2 g/t Au and 25 g/t Au respectively (Bernard, 2009). The field geologist who visited this site in 2020 indicated the trenches were grown in, however the vein and arsenopyrite mineralization was visible in two locations.

The Bergman Showing is a nickel-copper showing with low levels of gold hosted within a chloritized gabbro containing 2% pyrite and pyrrhotite (Bernard, 2009). Several surface and drill programs have been completed and the best assays are highlighted in figure 5.

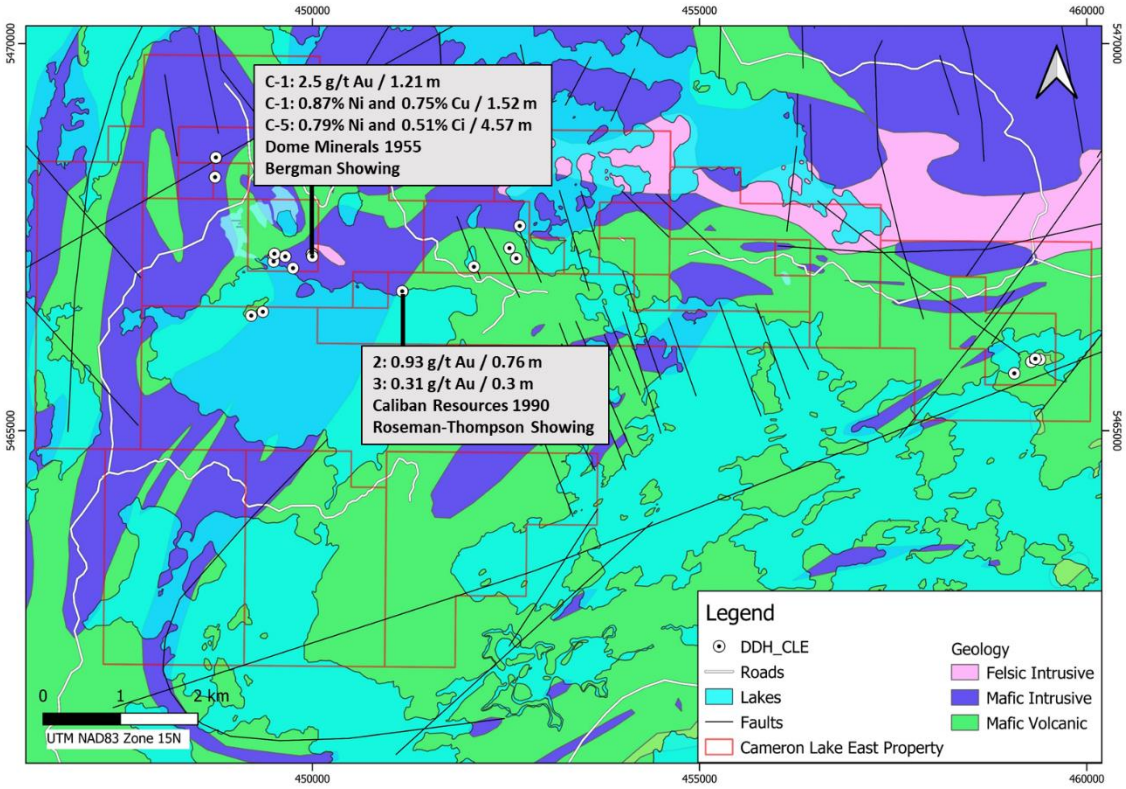

Figure 5. Historic drill intercepts on the Cameron Lake East Property

ITEM 8: DEPOSIT TYPES

The deposit types being targeted by Gold Hunter on their Property is the "greenstone-hosted quartz-carbonate vein deposit" as defined by Robert et. al. (1997).

Deposits of this group, typified by the Mother Lode and Grass Valley and including many important Precambrian examples, consist of quartz-carbonate veins in moderately to steeply dipping brittle-ductile shear zones and locally in related shallow-dipping extensional fractures. They are commonly distributed along major fault zones in deformed greenstone terranes of all ages. Veins have strike- and dip-lengths of 100 to 1000 m either singly or, more typically, in complex vein networks. They are hosted by a wide variety of lithologies but there are district specific lithologic associations.

The veins are dominated by quartz and carbonate, with lesser amounts of chlorite, scheelite, tourmaline and native gold; pyrite, chalcopyrite and pyrrhotite comprise less than 10 vol.% of the veins. The ores are gold-rich (Au:Ag = 5:1 to 10:1) and have elevated concentrations of As, W, B, and Mo, with very low base metal concentrations. Despite their significant vertical extent (commonly > 1 km), the deposits lack any clear vertical mineral zoning. Wall rock alteration haloes are zoned and consist of carbonatization, sericitization and pyritization. Halo dimensions vary with the composition of the host lithologies and may envelope entire deposits in mafic and ultramafic rocks.

In addition, the property has the potential to host "Magmatic Nickel-Copper-PGE deposits" as defined by Eckstrand et. al 2007.

Magmatic Nickel-Copper-PGE Deposits refers to a broad group of deposits containing nickel, copper and platinum group elements (PGE) occurs as sulphide concentrations associated with a variety of mafic and ultramafic magmatic rocks.

As the magmas ascend upward through the crust, they cool as they pass through cooler crustal rocks. If the original sulphur content of the magma is sufficient, or if sulphur is added from crustal wall rocks, a separate sulphide liquid forms as droplets dispersed through the magma. Because the partition coefficients of nickel, copper and PGE, as well as iron favor sulphide liquid over silicate magma, these elements preferentially transfer into the sulphide droplets from the surrounding magma. The sulphide droplets tend to sink towards the base of the magma because of their greater density, and form concentrations of sulphide. On further cooling, the sulphide liquid crystallizes to form the ore deposits that contain these metals.

Among such deposits, two main types are distinguishable. The first type, nickel and copper are the main economic commodities, and occur as sulphide-rich ores that are associated with differentiated mafic and/or ultramafic sills and stocks and ultramafic (komatiitic) volcanic flows and sills. The second type (platinum group elements) is exploited principally for PGE, which are associated with sparsely dispersed sulphides in very large to medium- sized mafic to ultramafic layered intrusions.

Of the Ni-Cu sulphide the most likely sub-type on the property would be Komatiitic (magnesium-rich) volcanic flows and related sill-like instructions (Examples of this type of deposit are Thompson, Manitoba; Raglan and Marbridge, Quebec; Langmuir, Ontario; Kamblada and Agnew Australia; Pechenga, Russia; Shangani, Trojan, and Hunter's Road, Zimbabwe).

The potential PGE deposit model would be a magmatic breccia type also known as 'Contact-Type', which occur in stock-like or layered mafic/ultramafic intrusions (Platreef deposits of the northern Bushveld Complex, South Africa; Lac des Iles deposit and Marathon Deposit, Ontario).

The Denmark Lake-Rupert Lake intrusion occurs along the margins of felsic batholiths and has tholeiitic affinities. The Denmark intrusion appear to have been derived from a depleted manel source and is considered to be sulphide saturated. The Denmark intrusion is small but has moderate abundances of PGE's and should have good potential for Type II mineralization associated with Komatiitic, tholeiitic, calc-alkalic, or alkalic magmas, similar to the mineralization previously identified in the Denmark intrusion (Vaillancourt et al 2003).

The company intends to use the extensive government database, historic assessment data, and the newly obtained field data to further define target areas of mineralization on the property. Continued exploration will include additional prospecting, mapping, appropriate geophysics (EM, IP), and diamond drilling.

ITEM 9: EXPLORATION

Clark Exploration carried out an initial exploration program (~$85,000 no HST) of geological mapping and sampling, and soil sampling from May 26th to June 15th, 2020. In total 155 grab samples, and 231 soil samples were submitted for analysis.

9.1 Soil Sampling

The soil sampling program was completed between May 28th and June 1st 2020 and was designed to identify lithological contacts which are favourable for gold mineralization on the property as well as testing the extent of the Bergman showing on the north shore of Isinglass Lake. The sample lines were oriented at Az 345, sample lines were spaced 200 m apart and samples were taken at 50 m stations (Figure 8). The soil sampling grid was designed to extend a soil sampling grid from the 1980s to the north and west, where historic gold and copper anomalies were terminated at the end of the 1980s grid. The soil sampling area was accessed from Isinglass Road, at km 22 of Cameron Lake Road.

Soil in the area was not well developed and it was difficult to collect a B horizon soil sample. As such, 81 samples were described as B horizon, 98 as A horizon, and 30 as organic or L, F, H horizon. The additional 22 samples consist of QAQC samples (12 blanks and 10 duplicates) which were collected or inserted every 10 samples alternating between a blank and a duplicate. Blanks were made from a pure quartz sand purchased from Canadian Tire in Thunder Bay and designed for residential pool filters. Duplicates were collected in the field by a secondary hole being completed beside the original sample hole and the duplicate sample being collected at the same depth as the original sample.

The soil samples were divided into three populations based on the horizon sampled, organic, A, and B horizons. The response ratio for each of these populations was calculated for Au, Ag, Cu, and Ni. The response ratio is calculated by averaging the results of the lowest quartile of samples and dividing all sample results by that amount. The response ratio is an important interpretation tool to highlight anomalous values and decrease the bias between elemental responses. Response ratios higher than five were deemed anomalous for Au and higher than ten were deemed anomalous for Ag, Cu, and Ni. Using this method, there are anomalous samples, however anomalous areas (identified as two or more anomalous samples beside each other) are limited. A linear gold anomaly can be seen across the central part of the sample grid consisting of four samples long by one sample wide (Figure 8, ‘Linear’). There are three other two sample Au-anomalies, one over the Bergman Showing on the southwest side of the sample grid, one below the linear anomaly, and one in the northeast corner (Figure 8). Results for copper and nickel are also limited as there are several single sample anomalies but no real trends or large anomalies to follow (Figures 9, 10). Copper and nickel values above the Bergman showing are elevated, and a few samples

would be defined as anomalous, but the inconsistent high values bring in to question the value of soil sampling in this area.

The response ratios can also be used to compare results between the three different soil populations. The average of the lowest quartile for Au and Ag was below detection limit in all three populations, in which case, half of detection limit is used (2.5 ppb for Au, 2.5 ppm for Ag, table 2). For Cu and Ni, the average of the lowest quartile is comparable across the A and B soil horizons, however the organic soil horizon is not comparable. Results from the organic soils should be used with caution and have been removed from the soil results. Both A and B horizon samples produced anomalous results in Au, Cu, and Ni. Ag was not well represented within the soils with only 19 samples returning values above detection limit, the highest value being 0.8 ppm.

Table 2. The value of the average of the lowest quartile of samples, which is then used to calculate response ratios.

	Organic	A Horizon	B Horizon
Au ppb	2.5	2.5	2.5
Ag ppm	2.5	2.5	2.5
Cu ppm	13.86	10.2	11.25
Ni ppm	10.17	17.44	18.55

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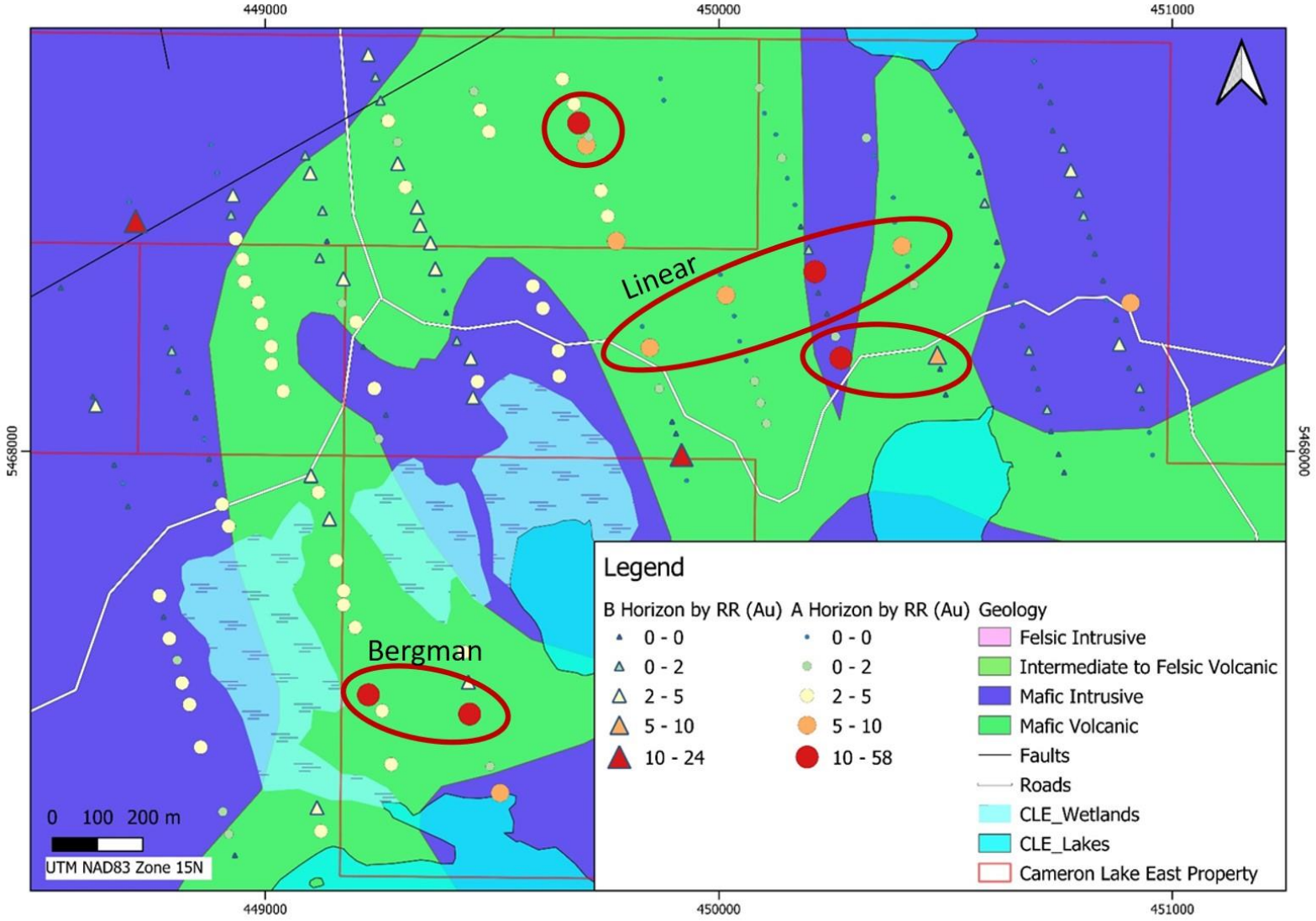

Figure 6. Soil results by Au response ratio. Values above 5 are considered anomalous for gold (orange and red samples).

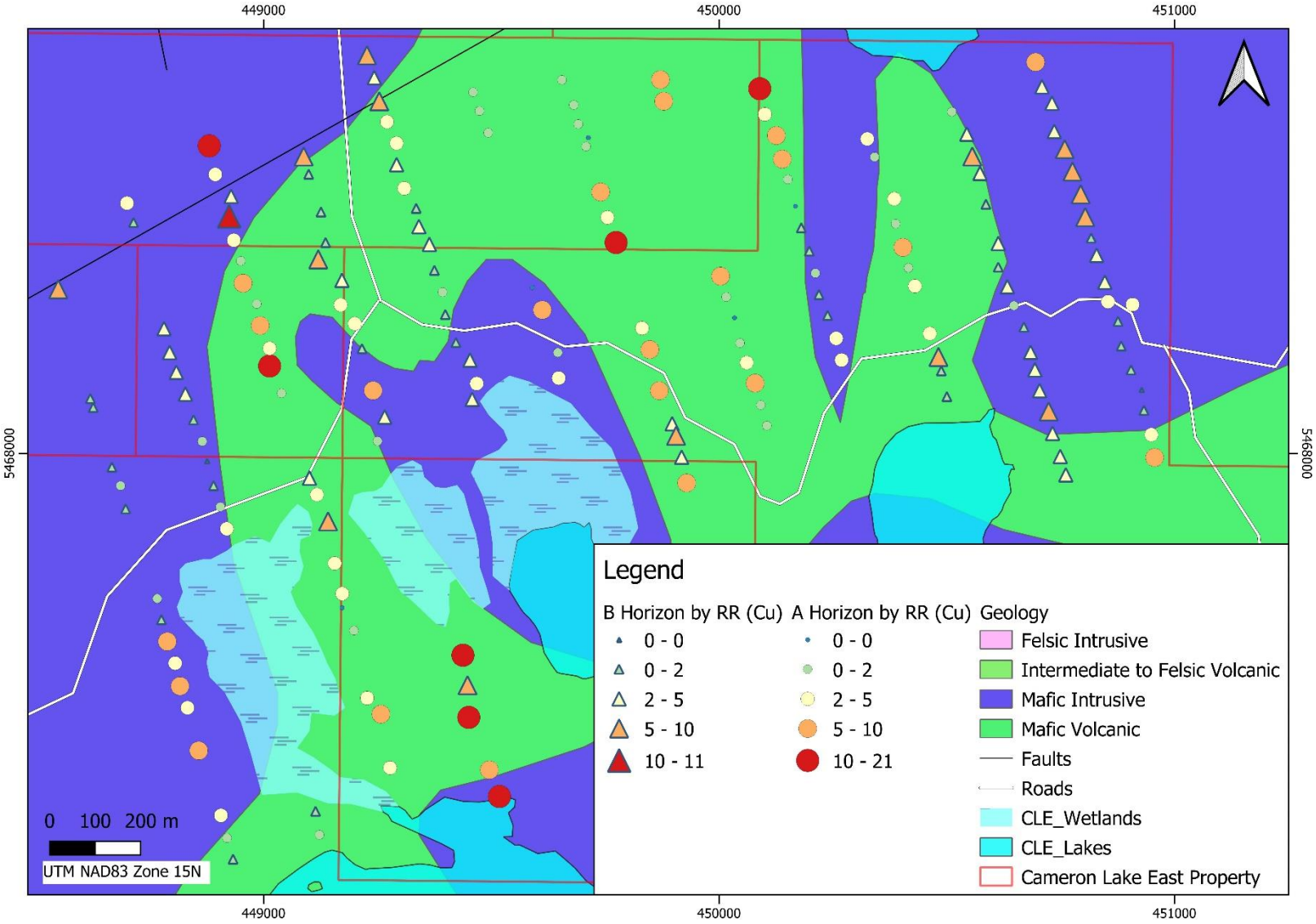

Figure 7. Soil results by response ratio for Copper. Values higher than 10 are considered anomalous (red samples)

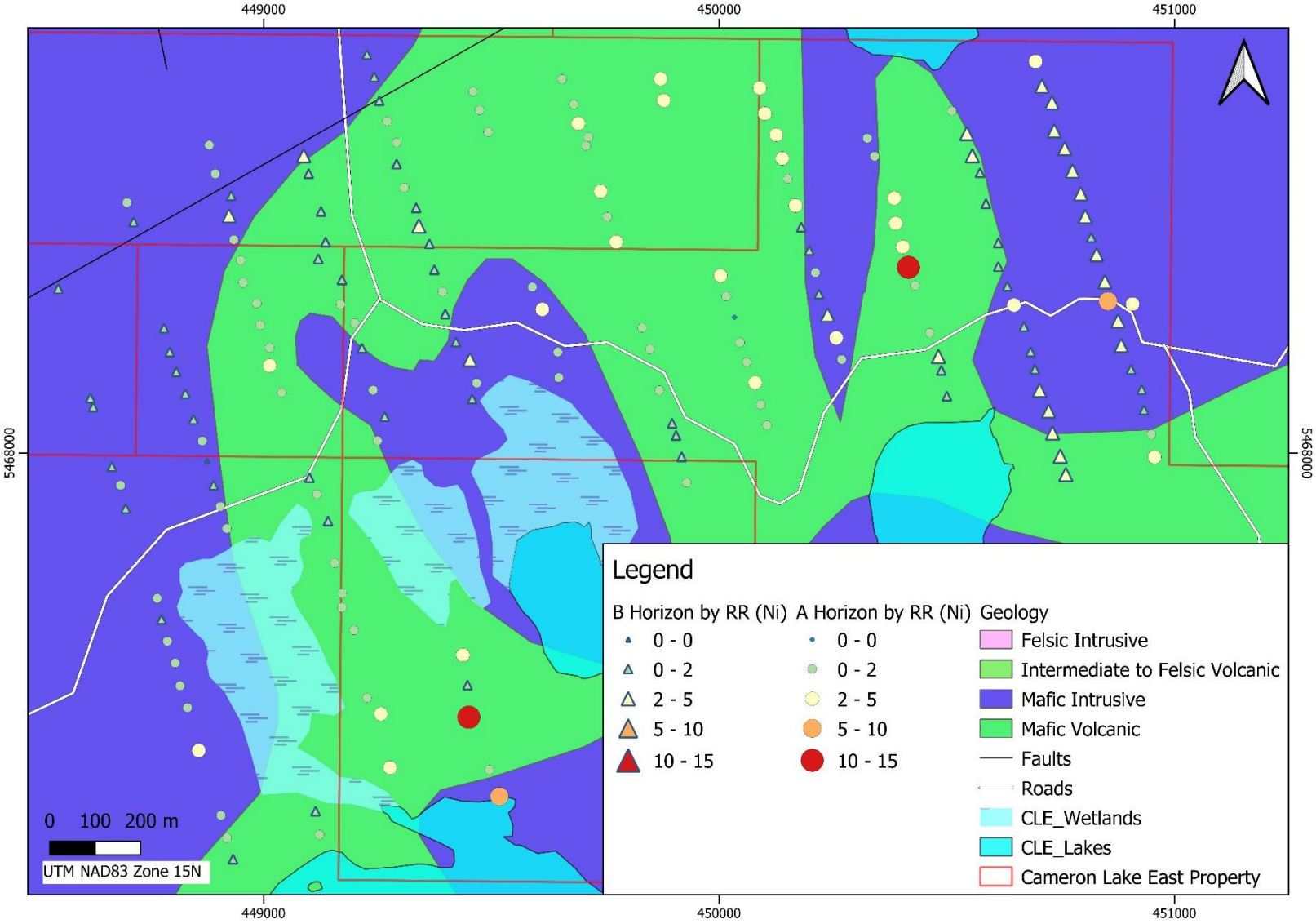

Figure 8. Soil results by response ratio for Nickel. Values higher than 10 are considered anomalous (red samples)

9.1.1 Soil Sample QAQC

QAQC was completed by collecting or inserting a blank or duplicate sample every ten samples, Blanks were made from a pure quartz sand purchased from Canadian Tire and made for residential pool filters. Duplicates were collected in the field by augering a hole beside the original sample and taking a sample at the same depth. The Au values were used to compare the effectiveness of the QAQC procedures. In all, ten duplicates were collected, four from B horizon samples and six from A horizon samples. The duplicate samples show comparable results to the original samples with one exception. This exception is original sample 179219 (5 ppb Au) and duplicate sample 179220 (30 ppb Au) (Figure 6). These samples were noted as being taken right above bedrock, so it is possible that the duplicate sample scraped the bedrock and collected some additional Au from the bedrock which subsequently got placed in the sample bag.

The pool filter sand worked well as a blank material. There were only two samples which had elevated Au values, 179120 (7 ppb Au) and 179250 (6 ppb Au) (Figure 7). The primary samples (179119 and 179149) for these blank samples, had values of 7 ppb Au and 13 ppb Au respectively, so the elevated values could be an indication of improper cleaning at the lab. Overall, the QAQC procedures are within reasonable expectation.

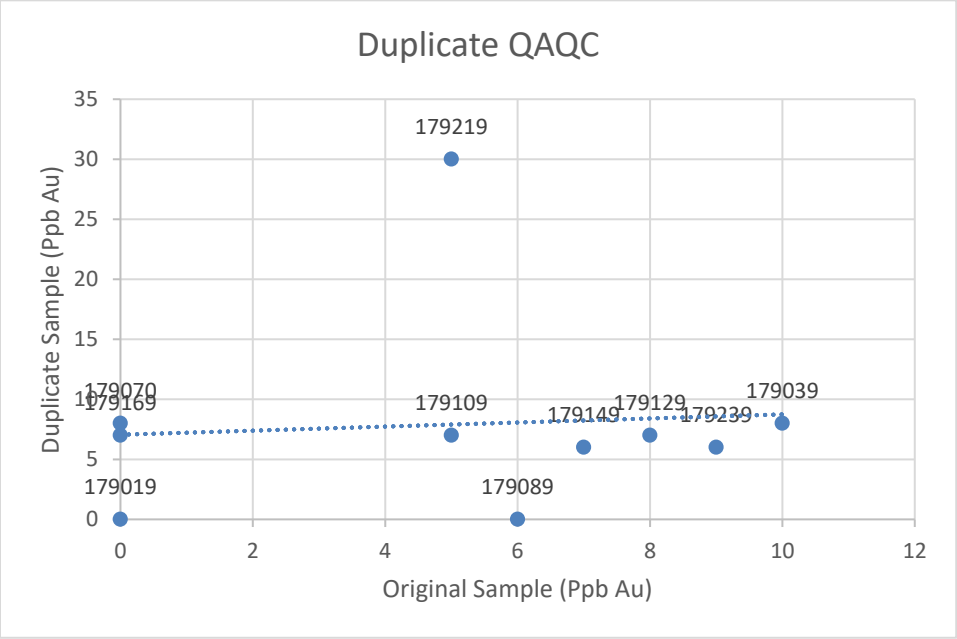

Figure 9. Results from the 10 duplicate samples collected during the Cameron Lake East soil sampling program. Data labels are for the original sample, the duplicate sample would be the following sample number.

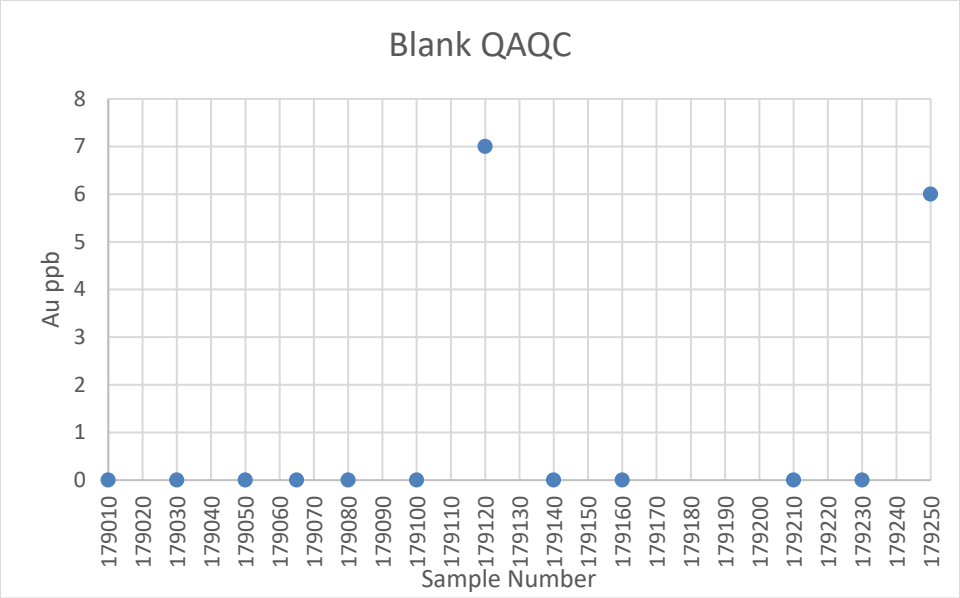

Figure 10. Results from the 12 Blank samples inserted during the Cameron Lake East soil sampling program

9.2 Geological Mapping

Mapping and prospecting were completed from June 2nd to June 13th, 2020. Traverse lines were selected based on historic showings, lithologic contacts, and outcrop potential based on satellite images and historic reports. The portion of the property on the western side of Rowan Lake was accessed from Isinglass Road, at km 22 of Cameron Lake Road. The portion of the property east of Rowan Lake was accessed from Maybrun Road and an unnamed trail which was accessed using a side-by-side.

Results from grab samples range from <5 to 2560 ppb for gold, 7 to >10000 ppm for copper, and 1 to 689 ppm for nickel (Table 3). Two samples that returned over 10,000 ppm copper were re-assayed and returned values of 4.51% and 1.36% copper (Figure 11).

Table 3: Grab sample ranges for Copper, Nickel, and Gold

Number of Samples	Copper ppm	Number of Samples	Nickel ppm	Number of Samples	Gold ppb
35	2-50	25	20-Jan	99	< 5
22	51-100	38	21-50	42	5-50
47	101-200	53	51-100	5	50-200
20	201-300	28	101-150	5	200-500
12	301-500	6	200-300	2	>1000
5	501-1000	2	301-400		
9	1001-8000	1	> 600		
2	8000->10000				

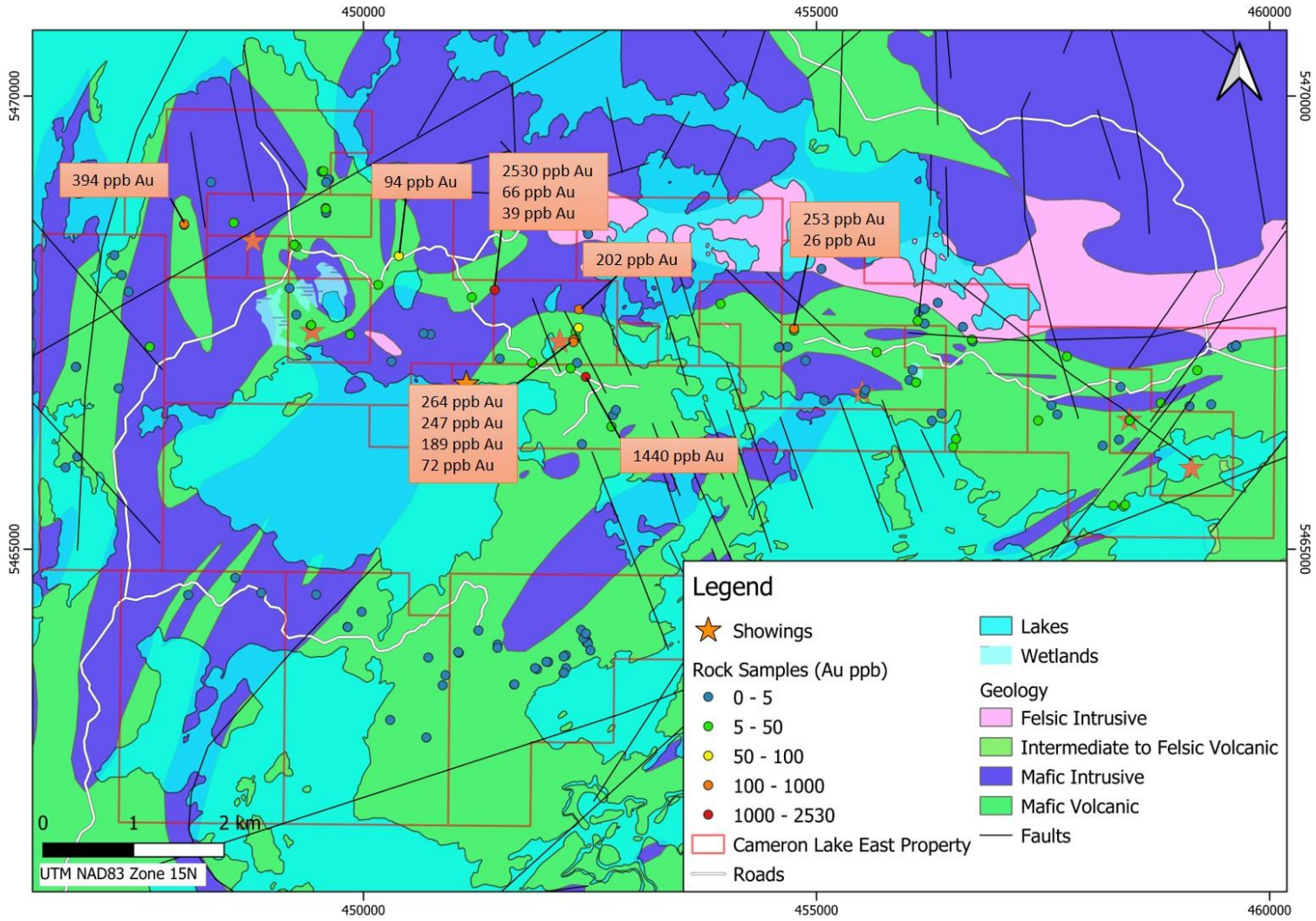

Figure 11. Rock sample highlights (Au ppb) from the 2020 exploration program

Several showings were examined during this program. The following outlines the results from each of these showings.

The Roseman-Thompson showing was identified by several overgrown trenches and the historic ball mill. Unfortunately, the location of the showing was inaccurate, and it is about ten metres west of the west property line of claim 559484, which is off the current Cameron Lake East Property.

The Bergman Showing was historically identified between two of the current soil sampling lines. Nine samples on these two surrounding lines are anomalous for gold (19 to 33 ppb), copper (78 to 216 ppm), and nickel (56 to 234 ppm). Two rock samples were collected which also contained anomalous results (25 ppb Au, 525 ppm Cu, and 222 ppm Ni in sample 179430 and 12 ppb Au, 284 ppm Cu, and 69 ppm Ni in sample 179431).

The Denlake Copper Showing was identified as exposed outcrop with pyrite and malachite. Five grab samples were collected from this area, as well as an additional sample 300m north, all of which are anomalous for gold (up to 264 ppb), copper (up to 7960 ppm), and nickel (up to 75 ppm). Sample 179442 (Figure 14) was collected on the road 400m south of the Denlake showing which returned 1440 ppb Au, 1100 ppm Cu, and 46 ppm Ni (table 4). The Denlake showing is 300m north of the road and could be trenched.

Table 4. Grab samples from the Denlake Showing.

Sample Number	UTM East	UTM North	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)
179438	452317	5467285	264	1.7	4000	45
179176	452315	5467286	247	2.7	7960	75
179181	452379	5467646	202	0.7	1080	105
179177	452319	5467313	189	1.7	1740	44
179439	452321	5467309	72	0.4	240	30
179179	452373	5467443	52	0.3	675	33

With the exception of the North Rowan Lake Showing, all other showings on the property were examined, and either they could not be identified or returned less than favourable results. The North Rowan Lake Showing was not examined as access was difficult (Figure 12).

Three other grab samples returned encouraging results and identified new areas of mineralization on the property which warrant follow up. A large (25-30cm wide) flat lying quartz vein was identified where there is a large Au-in-soil anomaly from the 1980s survey. Three samples were collected from this outcrop, one each from the large vein, a small off shooting vein, and the wall rock. Sample 179435 from the large vein returned the best gold results on the property with 2530 ppb Au. This area is on a volcanic-gabbro contact and is 300m east of the road. It

should be examined further to see if the vein can be followed along strike (figure 14, 18).

The second sample worth following up with is sample 179266 located on the northwest side of the property. This sample was taken from a smooth silicious mafic volcanic with rusty fractures that extend for several meters across the length of the outcrop. This sample returned values of 394 ppb Au, 7.3 ppm Ag, 1.36% Cu, and 689 ppm Ni. This sample was collected at the southern edge of a large beaver swamp, however more outcrop could possibly be located along strike to the south (Figure 14, 19).

The third sample worth following up with was collected on the east side of Rowan Lake and was collected from an extremely rusty subcrop, with two parallel 3cm wide quartz veins with pyrite and malachite. Sample 179308 returned 253 ppb Au, 26 ppm Ag, 4.51% Cu and 285 ppm Ni. It should be noted that this sample is described as subcrop and may not be in situ. Further examination of the sample area and surroundings is required (Figures 15,16, Table 5).

Table 5. Best grab samples from the 2020 exploration program (not in the Denlake Showing area).

Sample Number	UTM East	UTM North	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)
179435	451449	5467860	2530	0.3	16	7
179442	452453	5466902	1440	0.9	1100	46
179266	448021	5468588	394	7.3	1.36%	689
179308	454753	5467433	253	26	4.51%	285
179444	450390	5468235	94	0.2	747	5
179437	451449	5467862	66	< 0.2	11	87
179311	456539	5466216	45	< 0.2	217	118
179461	458457	5466421	45	1	3640	70
179441	452286	5466996	43	0.8	1840	133
179436	451448	5467860	39	< 0.2	56	86
179294	456098	5466840	32	0.7	386	34
179309	454752	5467412	26	0.6	1950	68
179430	449418	5467468	25	0.5	525	222
179300	458275	5465481	23	0.5	2820	18

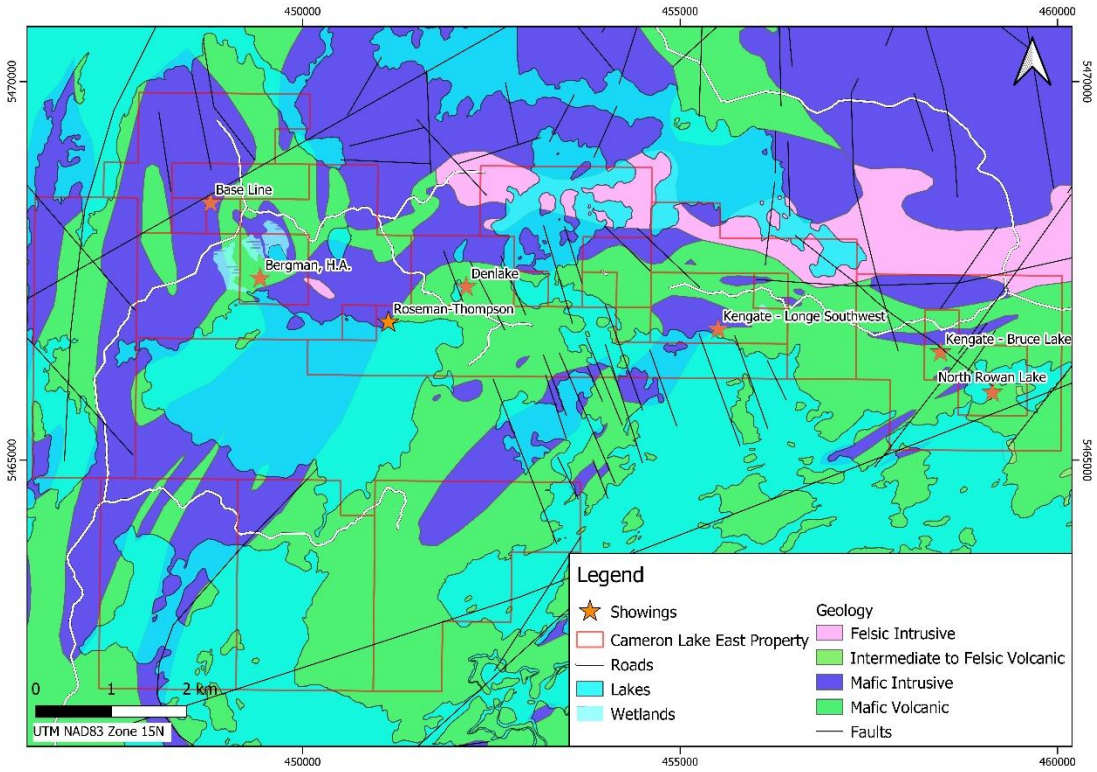

Figure 12. Showings on the current Cameron Lake East Property. List of showings from MDI database from Geology Ontario website

Sample Number	UTM East	UTM North	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)
179438	452317	5467285	264	1.7	4000	45
179176	452315	5467286	247	2.7	7960	75
179181	452379	5467646	202	0.7	1080	105
179177	452319	5467313	189	1.7	1740	44
179439	452321	5467309	72	0.4	240	30
179179	452373	5467443	52	0.3	675	33

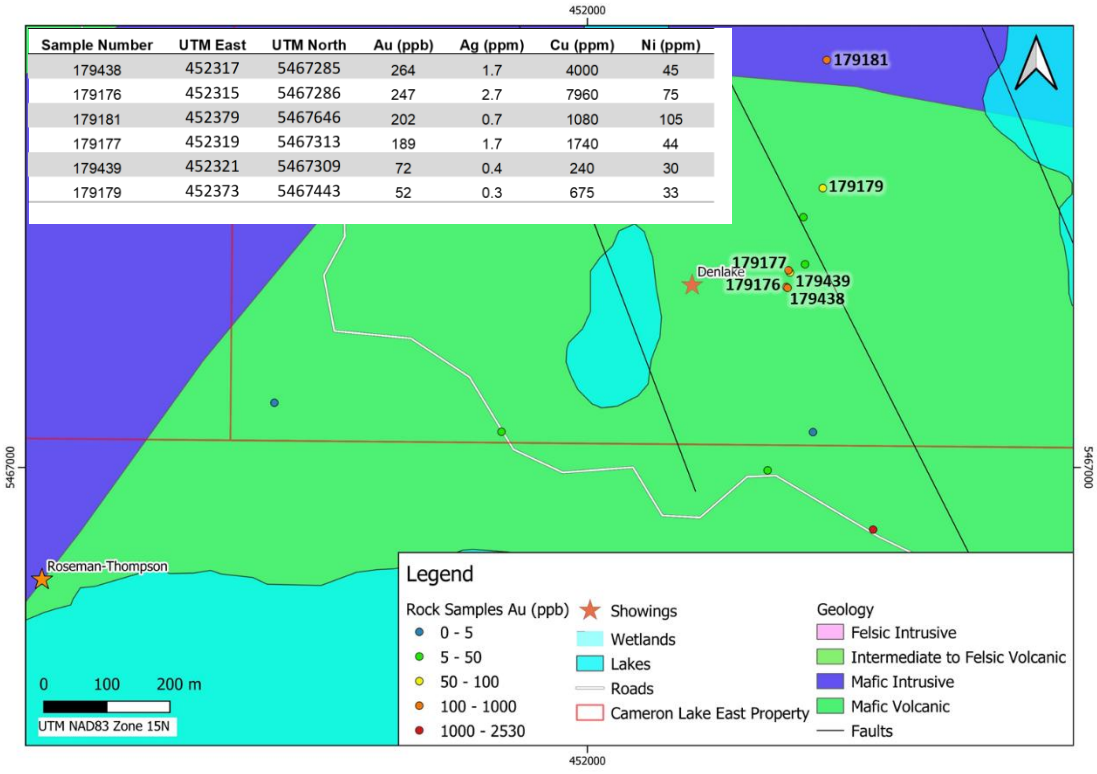

Figure 13. Samples around the Denlake Showing.

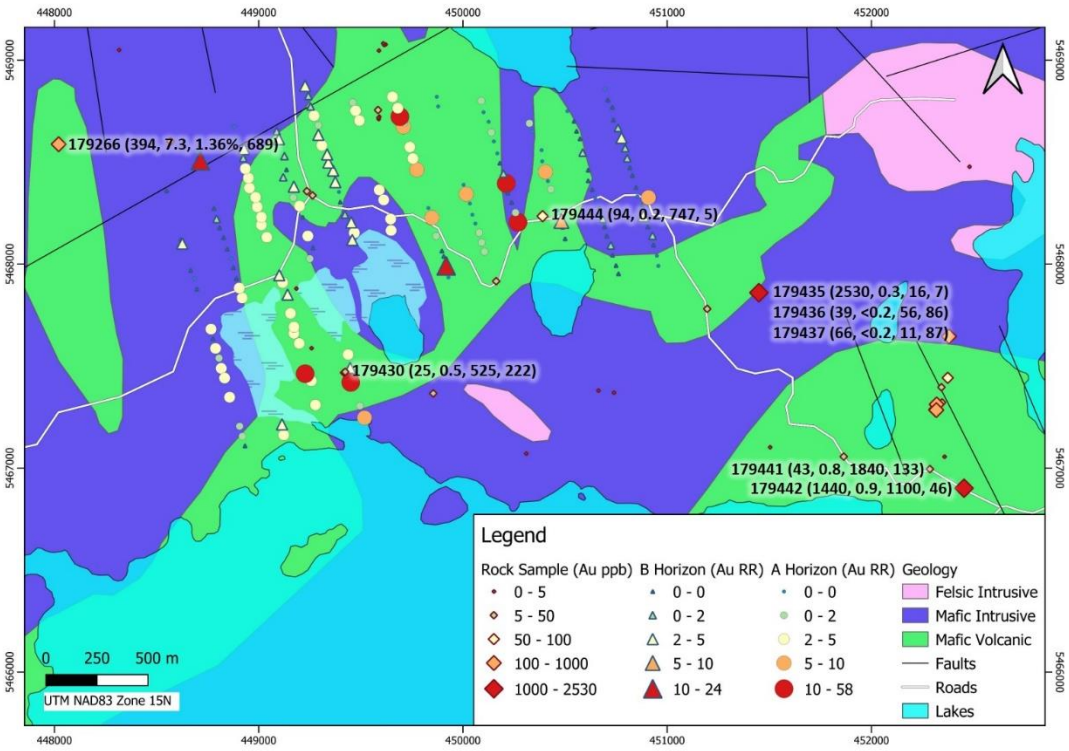

Figure 14. Soil and Rock highlights from the 2020 exploration program with showings. Value listed beside rock grab samples are (Au ppb, Ag ppm, Cu ppm, Ni ppm)

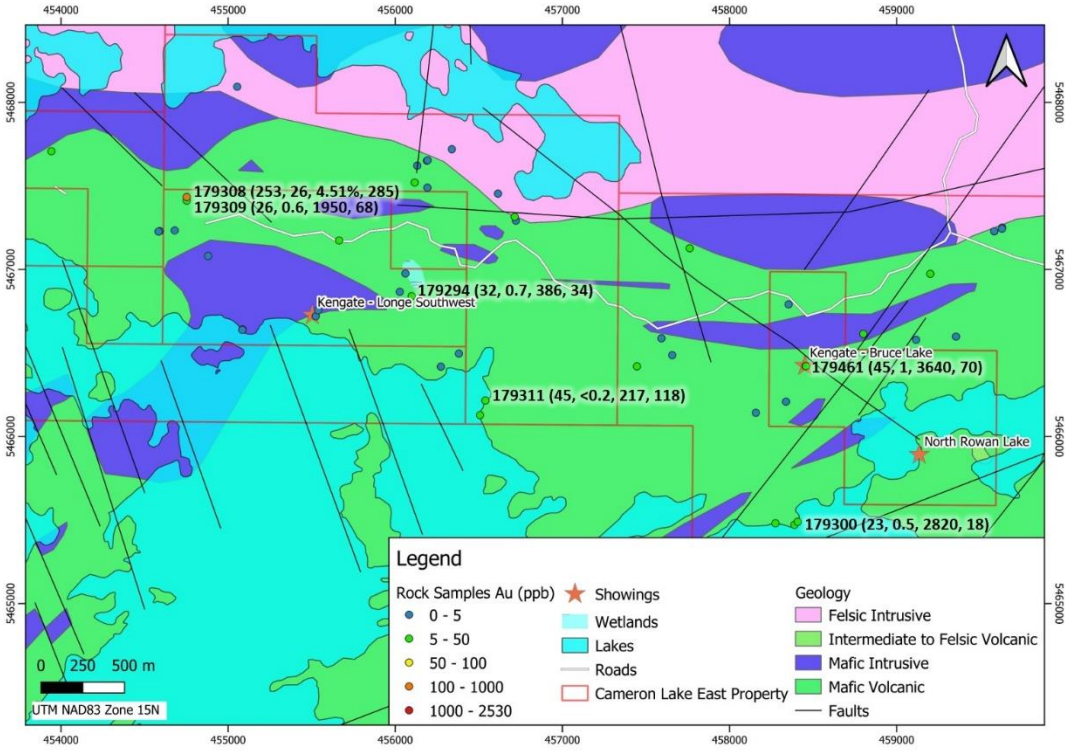

Figure 15. Rock highlights from the east side of Rowan Lake. Value listed beside rock grab samples are (Au ppb, Ag ppm, Cu ppm, Ni ppm)

Figure 16. Sample 179308 was collected from the rusty wall rock beside this vein and returned 253 ppb Au, 4.51% Cu and 285 ppm Ni.

Figure 17. Sample 179442 was collected on the road 300m south of the Denlake showing and returned 1440 ppb Au.

Figure 18. Sample 179435 returned the highest gold result from the 2020 exploration program of 2530 ppb Au. This sample was collected from a 25 – 30 cm quartz vein striking AZ 160 / dipping 65.

Figure 19. Sample 179266 was collected from a rusty fracture on a smooth siliceous mafic volcanic outcrop and returned 394 ppb Au, 1.36% Cu, and 689 ppm Ni.

The property was visited by Brent Clark, P.Geo on May 31st. During the property visit soil sampling operations and procedures were observed in the field and discussed in detail to ensure accurate data collection for the soil sampling program. Soil sample sites were visited, and locations were confirmed to be within error of the handheld GPS unit (+/- 3m). Geological mapping and sampling procedures were discussed in detail to ensure accurate data collection was being carried out by the field crews. Rock types observed north of Isinglass lake consisted of pillowed mafic volcanic and flows, consistent with the geological mapping that was carried out.

ITEM 10: SAMPLE PREPARATION, ANALYSIS AND SECURITY

For the soil geochemistry survey, sample locations were determined by GPS waypoints entered into the sampler's GPS before each day in the field. Samples were laid out to be taken at 50 metre intervals where possible, on lines of 200 metre spacing. The target horizon was a medium to light brown layer of soil referred to as the upper B horizon. The target soil was not always obtainable due to thick swamps or bedrock where A horizon soil dominated. When the B horizon was not available to sample, A horizon or organic horizon was taken.

Soil samples were taken using a hand auger which was wiped clean between sites. The sampled material was then placed in kraft paper bags and labeled with a marker with the appropriate sample number. The site location was recorded using a GPS which generally displayed a better than 3m accuracy. At each sample location important data notes were also recorded including soil type and percentages, vegetation, location, slope, drainage and any comments the sampler felt could be important. This data was collected on a Samsung tablet with the Avenza mapping program. The GPS system on the tablet is not as accurate as the handheld GPS, and as such the handheld GPS coordinates are used for location data. Flagging tape was tied to the nearest tree, and a photograph was taken of the sample site with the flagging tape, sample, and hole visible. Overall, 231 soil samples including 10 duplicates and 12 blanks were sent to Actlabs for analysis.

Rock samples were collected where features of interest were noted. These include quartz veins, sulphide minerals, malachite, alteration, and deformation features. Samples were dislodged from the outcrop with a geotool or chipped out using a rock hammer and chisel. Samples were placed in a plastic bag with the tag and zipped tied shut. Flagging tape was placed at the sample site, either wrapped around a rock, or tied to a tree. Photographs were taken of the sample site with the sample and flagging tape visible. Overall, 155 rock samples were sent to Actlabs for analysis.

The soil and rock samples were delivered by Clark employees in two separate batches to Actlabs in Thunder Bay (accredited ISO/IEC 17025 (Lab 266)) for analysis, using analytical procedure 1A2 (Au Fire Assay AA) and 1E3 (Aqua Regia

ICPOES). Two over limit rock samples also had package 8-AR Tbay completed to obtain a copper percent.

Quality Assurance and Quality Control (QA/QC) was completed during the field program, as well as at the lab. Blank and duplicate samples were inserted or collected every ten samples for the soil sampling program. Blanks were made from a pure quartz sand typically used for residential pool filters. Duplicates were collected in the field by completing a second hole beside the original sample hole and collecting a sample from the same depth as the original sample.

Of the 12 blank samples sent to the lab, 10 had results below detection limit for Au. The other two samples returned results of 6 ppb and 7 ppb respectively. This is likely the result of smear from the previous samples at some point in the laboratory procedure. Of the 10 duplicate samples sent to the lab, only one returned result outside the acceptable range. This is original sample 179219 and duplicate sample 179220 which returned 5 ppb and 30 ppb Au respectively. The likely explanation is a nugget effect, a coarser gold grain was likely included in the duplicate sample and not the original. The following sample, 179221 also returned a result of 33 ppb, so these results are likely accurate and explained by the nugget effect.

ActLabs is an independent lab that has developed and implemented a Quality Management System (QMS) designed to ensure the production of consistently reliable data. The system covers all laboratory activities and takes into consideration the requirements of ISO standards. Actlabs maintains ISO registrations and accreditations, which provide independent verification that a QMS is in operation at the location in question.

In the authors opinion sample preparation, security and analytical procedures were adequate for the size and scope of the sampling program.

ITEM 11: INTERPRETATION AND CONCLUSIONS

Historic work as well as the 2020 exploration program has indicated the presence of anomalous, and local high grade gold, copper, and nickel mineralization on the Cameron Lake East Property.

Gold deposits in the region occur in carbonate +/- sericite-altered shear zones and are spatially related to lithologic contacts. The Cameron Lake East Project is located 3 km from the Pipestone-Cameron Fault Zone which hosts the 0.464 million ounces (measured and indicated) Cameron Lake deposit (Drabble, et al. 2017, p. 153, their Table 14.21).

Historic drilling and soil sampling indicated several gold, copper, and nickel anomalies in the area north of Isinglass lake which became the focus for this program. The current soil grid was designed to extend the gold, copper, and nickel anomalies that were identified during the 1980s soil sampling program.

The 2020 soil sampling program succeeded in identifying more anomalies in the Isinglass Lake area. There is a clear gold, copper, nickel anomaly around the Bergman Showing indicating that soil sampling worked well in this area. There is also a gold anomaly around the Baseline Showing which warrants follow up. The remaining Au-in-soil anomalies appear randomly dispersed with no defined cluster. There is a strong copper and nickel anomaly at the northern end of the sample grid close to the most eastern bay of Caviar Lake.

The 2020 mapping program identified several anomalous areas that need to be followed up with. The first is the Denlake Showing area including the sample 300m south on the road which returned an assay of 1440 ppb Au. The three other samples previously mentioned, 179435, 179266, and 179308 should all be visited again, and the surrounding areas mapped in detail. Geophysical methods could further define targets in these areas.

The 2020 exploration program was a success. Soil sampling and mapping refined historic targets and identified new targets. Lithologic contacts continue to be a high priority target in the area.

ITEM 12: RECOMMENDATIONS

The Cameron Lake Property has returned encouraging results from the initial three-week exploration program and has several areas that warrant further work. Recommendations include an SGH soil geochemical survey across two grid areas and prospecting to locate historic trenches on the eastern part of the property.

ITEM 13: REFERENCES

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ITEM 14: CERTIFICATE OF QUALIFICATIONS

Brent Clark
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Thunder Bay, Ontario
Canada, P7B 5Z4
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Email: brent@clarkexploration.com

CERTIFICATE OF QUALIFIED PERSON

I, Brent Clark, P. Geo. (#3188), do hereby certify that:

1. I am a consulting geologist with an office at 941 Cobalt Cres., Thunder Bay, Ontario.

2. I graduated with the degree of Honours Bachelor of Earth Science (Geology) from Carleton University, Ottawa, Ontario in 2014. I have worked on gold projects in Northwestern Ontario, and Australia.

3. "Assessment Report" refers to the report titled ""Assessment Report on the Cameron Lake East Property, Kenora Mining Division, Northwestern Ontario", dated June 16, 2021.

4. I am a registered Professional Geoscientist with the Association of Professional Geoscientists of Ontario (#3188).

5. I have worked as a Geologist since my graduation from university.

6. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements as a Qualified Person for the purposes of NI 43-101.

7. I am the author of this report and responsible for all sections of the Assessment Report.

8. As of the date of this certificate, and to the best of my knowledge, information and belief, the Assessment Report contains all scientific and technical information that is required to be disclosed to make the Assessment Report not misleading.

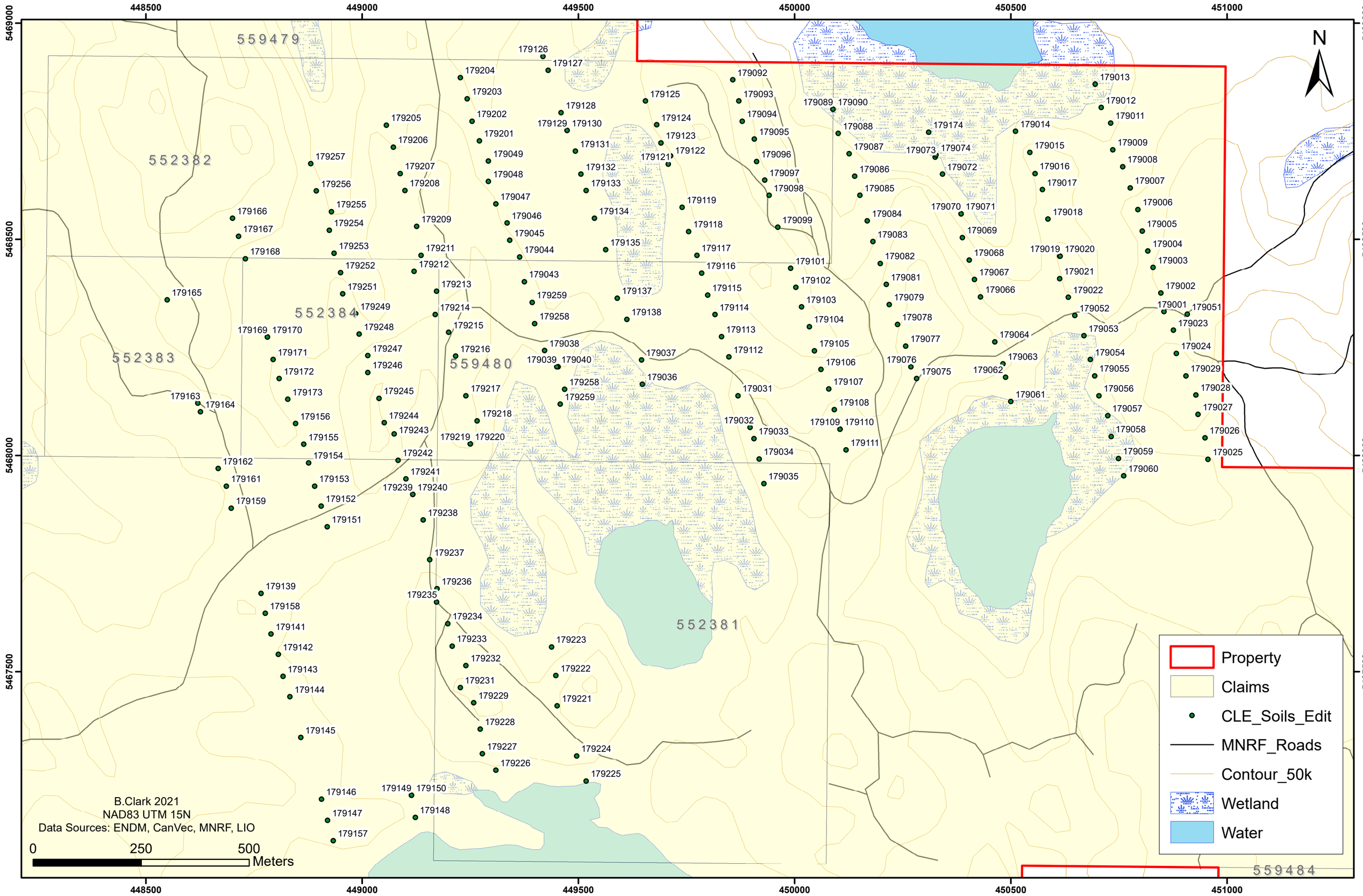
Dated this 16th day of June 2021.

"Brent Clark"

_____
Brent Clark, P.Geo.

APPENDIX

Soil Sample Plan Map
Soil Sample Descriptions
Grab Sample Map
Grab Sample Descriptions
Assay Certificates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MNRF_Roads
Contour_50k
Wetland
Water
B.Clark 2021
NAD83 UTM 15N
Data Sources: ENDM, CanVec, MNRF, LIO
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FIELD_SAMP	DATE	SAMPLER_S_	UTM_E	UTM_N	SAMPLE_ID	HORIZON	DEPTH	% Gravel	% SAND	% SILT	% CLAY	% ORGAN	COLOUR	VEGETATION	SLOPE	DRAINAGE	COMMENTS	Au_ppb	Cu_ppm	As_ppm
179001	20200528	CH/ME	450854	5468333	179001	A	15	0	40	0	55	5	D. Grey	Poplar	Ditch	Low	Beside Road	< 5	41	4
179002	20200528	CH/ME	450847	5468376	179002	B	75	0	60	30	10	0	Red Grey	Poplar	Flat	High		< 5	37	< 2
179003	20200528	CH/ME	450829	5468435	179003	B	15	0	0	70	20	10	Red Grey	Birch	Flat	Moderate		< 5	36	< 2
179004	20200528	CH/ME	450817	5468473	179004	B	30	0	90	0	10	0	Grey	Poplar	Flat	Moderate		< 5	7	< 2
179005	20200528	CH/ME	450804	5468519	179005	B	30	0	0	0	100	0	Brown	Balsam	Moderate	High		6	63	4
179006	20200528	CH/ME	450794	5468569	179006	B	30	0	0	0	90	10	Brown	Spruce	Slight N	Moderate		5	74	2
179007	20200528	CH/ME	450776	5468619	179007	B	30	0	0	0	95	5	Brown	Grass	Slight N	Moderate		10	73	3
179008	20200528	CH/ME	450759	5468668	179008	B	30	0	0	0	95	5	Brown	Spruce	Slight N	Moderate		5	72	< 2
179009	20200528	CH/ME	450736	5468707	179009	B	60	0	0	0	100	0	Brown	Spruce	Moderate	Moderate	Beside Swamp	< 5	44	3
179010	20200528	CH/ME	0	0	179010	BLANK	0		0	0	0	0					BLANK	< 5	2	< 2
179011	20200528	CH/ME	450731	5468769	179011	B	60	5	10	10	75	0	Brown w/ Red	Poplar	Flat	Wet		< 5	60	5
179012	20200528	CH/ME	450709	5468805	179012	B	60	0	10	10	80	0	Brown w/ Red	Alder	Flat	Wet	Swampy	< 5	49	3
179013	20200528	CH/ME	450695	5468859	179013	A	90	0	0	0	90	10	Black	Swamp	Flat	Wet	Swamp - Bottom of Auger	< 5	72	< 2
179014	20200528	CH/ME	450511	5468750	179014	A	15	0	0	50	40	10	Brown	Poplar	Flat	Moderate	Beside OC Hill	< 5	24	< 2
179015	20200528	CH/ME	450544	5468701	179015	B	60	0	50	30	20	0	Brown	Spruce	Flat	Moderate		< 5	49	4
179016	20200528	CH/ME	450556	5468652	179016	B	45	0	0	0	95	5	Red	Spruce	Flat	Moderate		< 5	116	< 2
179017	20200528	CH/ME	450573	5468615	179017	B	60	0	0	30	70	0	Brown	Spruce	Flat	Moderate		< 5	53	< 2
179018	20200528	CH/ME	450586	5468547	179018	B	15	5	25	50	10	10	Red Brown	Spruce	Flat	Moderate		5	19	< 2
179019	20200528	CH/ME	450613	5468461	179019	B	15	0	0	10	75	15	Brown	Spruce	Flat	Moderate		< 5	40	5
179020	20200528	CH/ME	450614	5468461	179020	DUPLICATE	0		0	0	0	0					DUPLICATE	< 5	21	2
179021	20200528	CH/ME	450613	5468409	179021	B	15	5	50	20	10	15	Red Brown	Balsam	Flat	Moderate	Beside OC	< 5	20	2
179022	20200528	CH/ME	450633	5468366	179022	B	60	5	80	10	5	0	Grey	Birch	Flat	Moderate	Mica in sample	< 5	31	< 2
179023	20200528	CH/ME	450876	5468290	179023	B	20	5	35	50	0	10	Red Brown	Poplar	Flat	Moderate		< 5	21	< 2
179024	20200528	CH/ME	450883	5468236	179024	B	20	0	30	40	10	20	Red Brown	Spruce	Flat	Moderate		10	14	< 2
179025	20200529	CH/ME	450956.3153	5467991.173	179025	A	90	0	0	0	90	10	Blue Grey	Balsam	Flat	Wet		< 5	95	4
179026	20200529	CH/ME	450949.2096	5468041.045	179026	A	75	10	40	0	50	0	Blue Grey	Birch	Flat	Wet		< 5	51	4
179027	20200529	CH/ME	450932.843	5468094.669	179027	B	45	5	75	0	10	10	Brown w/ Red	Alders	Flat	Wet		< 5	10	< 2
179028	20200529	CH/ME	450928.0163	5468139.518	179028	B	30	5	90	0	0	5	Brown w/ Red	Red Pine	Slight	Dry		5	5	< 2
179029	20200529	CH/ME	450904.5934	5468183.532	179029	B	45	5	90	0	0	5	Brown w/ Red	Birch	Flat	Moderate		< 5	6	< 2
179030	20200529	CH/ME	0	0	179030	BLANK	0		0	0	0	0					BLANK	< 5	3	< 2
179031	20200529	CH/ME	449868.7902	5468137.762	179031	A	60	5	15	40	30	10	Brown w/ Red	Poplar	Flat	Moderate		6	65	< 2
179032	20200529	CH/ME	449897.0275	5468065.236	179032	B	15	5	80	10	0	5	Brown	Spruce	Flat	Dry		< 5	48	< 2
179033	20200529	CH/ME	449905.645	5468038.808	179033	B	40	5	95	0	0	0	Brown Red	Spruce	Moderate West	Dry		< 5	73	< 2
179034	20200529	CH/ME	449917.8513	5467991.889	179034	B	20	5	90	0	0	5	Brown Red	Poplar	Moderate West	Dry		34	31	< 2
179035	20200529	CH/ME	449928.8783	5467935.087	179035	A	20	0	20	60	10	10	Dark Brown	Balsam	Flat	Dry		< 5	91	< 2
179036	20200529	CH/ME	449647.9355	5468165.357	179036	A	30	0	0	60	30	10	Grey Brown	Birch	Flat	Dry		7	40	< 2
179037	20200529	CH/ME	449645.9815	5468221.41	179037	A	20	5	10	65	10	10	Brown	Birch	Flat	Dry		8	18	< 2
179038	20200529	CH/ME	449422.3209	5468243.482	179038	B	50	10	40	30	10	10	Light Brown	Birch	Flat	Moderate		5	18	< 2
179039	20200529	CH/ME	449453.1162	5468204.952	179039	B	50	0	0	15	80	5	Light Brown	Pine	Flat	Moderate		10	48	3
179040	20200529	CH/ME	449450.2099	5468204.756	179040	DUPLICATE	0		0	0	0	0					DUPLICATE	8	46	5
179258	20200529	CH/ME	449467.8902	5468153.45	179258	A	30	10	10	60	10	10	Brown	Spruce	Flat	Moderate		7	53	7
179259	20200529	CH/ME	449457.9116	5468118.631	179259	B	20	10	70	10	0	10	Brown	Balsam	Flat	Moderate		8	43	5
179043	2020-05-30	C.Hudek	449375	5468402	179043	B	30	5	30	30	25	10		cedar	Moderate	Moderate		11	21	< 2
179044	2020-05-30	C.Hudek	449364	5468459	179044	B	30	5	15	50	20	10	Brown	balsam	Flat	Moderate		10	49	2
179045	2020-05-30	C.Hudek	449341	5468498	179045	B	30	5	15	50	20	10	Brown	cedar	Flat	Good	red brown sand. no definition between a and b horizons.	10	43	< 2
179046	2020-05-30	C.Hudek	449335	5468538	179046	B	0		15	30	50	5	Grey-Brown	poplar	Flat	Moderate	well defined a horizon followed by sand layer then clay b horizon	8	24	4
179047	2020-05-30	C.Hudek	449309	5468582	179047	A	40		10	40	40	10	Grey-Brown	poplar	Flat	Poor		9	45	3
179048	2020-05-30	C.Hudek	449292	5468634	179048	B	30	5	30	30	25	10	Grey-Brown	cedar	Flat	Moderate		7	54	< 2
179049	2020-05-30	C.Hudek	449292	5468681	179049	A	90		30	40	20	10	Dark Grey	grass	Flat	Poor	10% orangy mica flakes	6	56	< 2
179050		BLANK	0	0	179050	BLANK	0		0	0	0	0						< 5	1	< 2
179051	May 28/20	SJ/MB	450907.9824	5468326.813	179051	A	15	0	30	0	60	10	dark grey	leafy	steep	low area	by road, in ditch	16	31	3
179052	May 28/20	SJ/MB	450647.5795	5468324.482	170952	A	15	0	20	0	70	10	dark grey	leafy	moderate	low area	by stream	< 5	25	< 2
179053	May 28/20	SJ/MB	450669.3027	5468277.48	170953	B	15	0	0	10	80	10	dark grey/brown	leafy	flat	low area	by lake	< 5	23	< 2
179054	May 28/20	SJ/MB	450683.9792	5468221.98	179054	B	30	10	40	40	10	10	light grey/brown	leafy	flat	low area		5	31	< 2
179055	May 28/20	SJ/MB	450693.5107	5468183.759	179055	B	45	0	0	5	90	5	light brown/red	leafy	flat	low area		< 5	37	< 2
179056	May 28/20	SJ/MB	450703.8456	5468137.971	179056	B	60	0	0	5	95	0	light grey/brown	grass	flat	wet	in swamp	< 5	50	< 2
179057	May 28/20	SJ/MB	450723.6923	5468092.098	179057	B	75	0	0	5	95	0	dark grey/brown	grass	flat	wet	in swamp	5	78	5
179058	May 28/20	SJ/MB	450732.2651	5468044.102	179058	B	75	0	0	15	80	5	dark grey/brown	grass	flat	wet	in swamp	< 5	51	< 2
179059	May 28/20	SJ/MB	450749.0905	5467993.253	179059	B	45	0	5	20	70	5	dark grey/brown	grass	flat	wet	in swamp	< 5	51	< 2
179060	May 28/20	SJ/MB	450761.2924	5467953.118	179060	B	15	0	30	40	20	10	dark grey/brown	leafy	flat	moderate		< 5	51	< 2
179061	May 28/20	SJ/MB	450500.1907	5468124.686	179061	B	30	10	40	30	10	10	light brown	leafy	flat	moderate		< 5	7	< 2
179062	May 28/20	SJ/MB	450487.9229	5468181.388	179062	B	30	0	45	5	20	10	light grey/brown	leafy	flat	moderate		< 5	15	< 2
179063	May 28/20	SJ/MB	450481.6624	5468211.796	179063	B	15	5	45	35	10	5	dark brown/grey	leafy	moderate	moderate		17	90	4
179064	May 28/20	SJ/MB	450462.7397	5468263.221	179064	A	15	0	40	30	10	20	dark brown	leafy	steep	moderate		< 5	41	< 2
179065	May 28/20	SJ/MB	0	0	179065	BLANK	0		0	0	0	0					BLANK	< 5	2	< 2
179066	May 28/20	SJ/MB	450430.1358	5468367.47	179066	A	15	0	40	30	10	20	dark brown	leafy	steep	moderate		6	26	< 2
179067	May 28/20	SJ/MB	450415.7572	5468407.402	179067	A	15	5	45	25	15	10	dark brown	leafy	steep	moderate		< 5	18	< 2
179068	May 28/20	SJ/MB	450403.6011	5468452.207	179068	A	15	0	45	25	20	20	dark brown	leafy	steep	moderate		20	73	< 2
179069	May 28/20	SJ/MB	450387.7333	5468504.049	179069	A	15	0	45	25	20	20	dark brown	leafy	steep	moderate		< 5	14	< 2
179070	May 28/20	SJ/MB	450384.6719	5468558.889	179070	A	15	5	45	25	15	10	dark brown	leafy	steep	moderate		< 5	43	< 2
179071	May 28/20	SJ/MB	450384.6719	5468558.889	179071	DUPLICATE	0		0	0	0	0					DUP	8	39	< 2
179072	May 28/20	SJ/MB	450341.5778	5468650.891	179072	A	15	0	45	25	20	10	light brown	leafy	steep	moderate		< 5	9	< 2
179073	May 28/20	SJ/MB	450325.3815	5468690.396	179073	A	15	0	20	25	45	20	light grey/brown	leafy	flat	moderate		6	29	< 2
179074	May 28/20	SJ/MB	450326.8032	5468695.053	179074	O	75	0	0	0	10	90	dark brown/black	grass	flat	wet	in swamp	< 5	22	< 2
179075	May 29/20	SJ/MB	450281.6006	5468178.141	179075	O	7	10	0	10	40	40	dark brown	jack pine	steep	moderate		12	27	< 2
179076	May 29/20	SJ/MB	450269.0649	5468205.049	179076	A	7	5	0	10	45	40	dark brown	balsum	flat	moderate		144	45	< 2

179077	May 29/20	SJ/MB	450257.2252	5468252.63	179077	A	15	5	20	25	20	30	med brown	balsum	flat	moderate		5	45	< 2
179078	May 29/20	SJ/MB	450238.3682	5468303.055	179078	B	15	5	40	30	20	5	med brown	balsum	flat	moderate		< 5	19	< 2
179079	May 29/20	SJ/MB	450219.3239	5468348.812	179079	B	15	0	40	30	25	5	med brown	balsum	steep	moderate		< 5	13	< 2
179080	May 29/20	SJ/MB	0	0	179080	BLANK	0		0	0	0	0					BLANK	< 5	6	< 2
179081	May 29/20	SJ/MB	450211.6163	5468395.577	179081	A	15	0	40	20	30	10	med brown	balsum	moderate W	moderate		38	12	< 2
179082	May 29/20	SJ/MB	450198.1914	5468444.396	179082	B	45	0	10	45	40	5	light brown/grey	balsum	flat	low area		5	21	< 2
179083	May 29/20	SJ/MB	450180.5749	5468495.366	179083	B	30	0	10	40	45	5	light brown/grey	balsum	moderate W	moderate		< 5	16	< 2
179084	May 29/20	SJ/MB	450167.937	5468542.844	179084	A	15	0	20	40	30	10	light brown	balsum	flat	moderate		< 5	5	< 2
179085	May 29/20	SJ/MB	450150.9002	5468601.591	179085	A	15	0	10	30	45	15	light brown	balsum	flat	moderate		< 5	11	< 2
179086	May 29/20	SJ/MB	450138.8163	5468646.061	179086	A	30	0	0	40	55	5	med brown	birch	moderate E	moderate		5	83	4
179087	May 29/20	SJ/MB	450125.783	5468697.879	179087	A	30	0	0	20	65	5	med brown	pop/birch	flat	moderate		< 5	78	< 2
179088	May 29/20	SJ/MB	450100.5057	5468744.582	179088	A	30	0	0	30	65	5	light brown/grey	pop	moderate N	moderate		< 5	53	4
179089	May 29/20	SJ/MB	450089.399	5468800.607	179089	A	75	0	0	10	35	55	dark brown	black ash	flat	wet		6	124	< 2
179090	May 29/20	SJ/MB	450089.399	5468800.607	179090	DUPLICATE	0		0	0	0	0					DUP	< 5	96	2
179092	May 29/20	SJ/MB	449857.1835	5468869.213	179092	O	15	0	0	15	45	40	dark brown	balsum	moderate NE	moderate		10	78	< 2
179093	May 29/20	SJ/MB	449871.4039	5468820.497	179093	A	15	5	20	20	20	35	dark/med brown	balsum	moderate E	moderate		< 5	74	< 2
179094	May 29/20	SJ/MB	449878.5946	5468773.179	179094	A	7	0	20	20	40	20	dark/med brown	balsum/pop	moderateNE	moderate		< 5	91	2
179095	May 29/20	SJ/MB	449906.6079	5468732.12	179095	O	7	0	0	20	40	40	dark brown	balsum	moderateE	moderate		< 5	94	3
179096	May 29/20	SJ/MB	449911.5764	5468679.931	179096	O	7	0	10	20	35	35	dark brown	balsum/pop	moderateE	moderate		< 5	33	< 2
179097	May 29/20	SJ/MB	449930.858	5468636.728	179097	O	7	0	10	20	35	35	med brown/grey	pop	moderateNE	moderate	by old road	< 5	27	< 2
179098	May 29/20	SJ/MB	449940.7769	5468601.838	179098	O	7	5	30	20	20	25	light brown/grey	pop	flat	moderate	by old road	< 5	79	< 2
179099	May 29/20	SJ/MB	449960.6502	5468527.944	179099	O	7	5	20	20	25	30	dark brown	pop	flat	moderate	by old road	< 5	64	< 2
179100	May 29/20	SJ/MB	0	0	179100	BLANK	0		0	0	0	0					BLANK	< 5	1	< 2
179101	May 29/20	SJ/MB	449991.1532	5468433.273	179101	O	7	5	25	25	20	25	dark brown	balsum/pop	flat	moderate		< 5	28	< 2
179102	May 29/20	SJ/MB	450003.2385	5468389.024	179102	A	15	0	5	35	40	20	med brown	balsum	flat	moderate		< 5	60	< 2
179103	May 29/20	SJ/MB	450015.821	5468343.548	179103	A	7	5	30	35	20	10	med brown	balsum	flat	moderate		15	25	< 2
179104	May 29/20	SJ/MB	450033.9903	5468297.576	179104	A	15	0	10	30	40	20	light brown/grey	balsum/pop	flat	moderate		< 5	3	< 2
179105	May 29/20	SJ/MB	450046.0485	5468242.321	179105	A	15	0	20	30	30	20	med brown	balsum/pop	flat	moderate		< 5	14	< 2
179106	May 29/20	SJ/MB	450060.687	5468199.272	179106	A	30	0	15	45	40	5	med brown	cedar/balsum/pop	flat	moderate		< 5	40	< 2
179107	May 29/20	SJ/MB	450079.2293	5468154.297	179107	A	15	5	30	35	20	10	med brown	cedar/pop	moderate	moderate		6	88	< 2
179108	May 29/20	SJ/MB	450091.6446	5468106.265	179108	A	7	5	40	30	5	20	med brown	balsum/pop	moderate N	moderate		5	12	< 2
179109	May 29/20	SJ/MB	450105.1018	5468061.004	179109	A	15	15	40	25	5	15	med brown	balsum/cedar	moderateNW	moderate		5	23	< 2
179110	May 29/20	SJ/MB	450105.1018	5468061.004	179110	DUPLICATE	0		0	0	0	0					DUP	7	27	< 2
179111	May 29/20	SJ/MB	450119.2571	5468012.623	179111	O	7	0	5	30	20	45	dark brown	balsum/jack pine	flat	moderate		6	140	< 2
179112	May 30/20	S.Jacobsen	449848	5468228	179112	A	15	5	20	35	20	20	Dark Brown	balsum	Moderate	Moderate		20	104	< 2
179113	May 30/20	S.Jacobsen	449831	5468275	179113	A	15	0	35	30	25	10	Dark Brown	birch/cedar	Flat	Poor		< 5	33	< 2
179114	May 30/20	S.Jacobsen	449816	5468326	179114	Organic	60	0	0	0	40	60	Dark Brown	grass	Flat	Poor		7	37	< 2
179115	May 30/20	S.Jacobsen	449799	5468371	179115	Organic	75	0	10	20	30	50	Dark Brown	grass	Flat	Poor		< 5	31	< 2
179116	May 30/20	S.Jacobsen	449785	5468422	179116	Organic	45	0	0	5	75	20	Dark Grey	grass	Flat	Poor		28	52	< 2
179117	May 30/20	S.Jacobsen	449774	5468463	179117	A	15	5	25	25	25	20	Dark Brown	balsum	Moderate	Moderate		15	111	4
179118	May 30/20	S.Jacobsen	449755	5468518	179118	A	15	0	35	25	20	20	Brown	balsum/cedar	Moderate	Moderate		7	42	4
179119	May 30/20	S.Jacobsen	449740	5468574	179119	A	15	5	10	30	25	30	Brown	balum/birch	Moderate	Moderate		7	57	< 2
179120	May 30/20	S.Jacobsen	0	0	179120	BLANK	0		0	0	0	0						7	1	< 2
179121	May 30/20	S.Jacobsen	449708	5468674	179121	A	30	0	10	30	40	20	Grey-Brown	grass	Flat	Poor		22	16	< 2
179122	May 30/20	S.Jacobsen	449713	5468693	179122	A	15	5	25	30	20	20	Brown	balsum/cedar	Moderate	Moderate		5	4	< 2
179123	May 30/20	S.Jacobsen	449691	5468723	179123	A	15	5	20	25	30	20	Grey-Brown	balsum	Moderate	Moderate		35	22	< 2
179124	May 30/20	S.Jacobsen	449681	5468765	179124	A	15	0	25	35	20	20	Brown	balsum	Moderate	Moderate		10	12	< 2
179125	May 30/20	S.Jacobsen	449655	5468820	179125	A	7	5	20	30	25	20	Brown	balsum/spruce	Moderate	Moderate		7	6	< 2
179126	May 30/20	S.Jacobsen	449418	5468923	179126	Organic	7	5	35	15	15	30	Dark Brown	balsum	Moderate	Moderate		7	8	< 2
179127	May 30/20	S.Jacobsen	449430	5468891	179127	Organic	7	5	45	5	5	40	Brown	balsum	Moderate	Moderate		20	117	< 2
179128	May 30/20	S.Jacobsen	449460	5468793	179128	A	15	5	45	15	15	10	Grey-Brown	balsum/pop	Moderate	Moderate		6	7	< 2
179129	May 30/20	S.Jacobsen	449474	5468752	179129	A	15	0	10	45	15	20	Brown	balsum	Moderate	Moderate		8	9	2
179130	May 30/20	S.Jacobsen	449474	5468752	179130	DUPLICATE	0		0	0	0	0						7	9	< 2
179131	May 30/20	S.Jacobsen	449493	5468704	179131	A	15	5	25	30	20	20	Brown	balsum/spruce	Moderate	Moderate		7	18	< 2
179132	May 30/20	S.Jacobsen	449506	5468651	179132	Organic	45	0	0	5	75	20	Dark Brown	grass	Flat	Poor		7	74	< 2
179133	May 30/20	S.Jacobsen	449518	5468613	179133	Organic	45	0	0	10	60	30	Dark Brown	grass	Flat	Poor		6	34	2
179134	May 30/20	S.Jacobsen	449537	5468549	179134	Organic	45	0	5	5	60	30	Grey-Brown	grass	Flat	Poor		5	31	2
179135	May 30/20	S.Jacobsen	449563	5468476	179135	Organic	30	0	0	0	60	30	Grey-Brown	grass	Flat	Poor		7	33	2
179137	May 30/20	S.Jacobsen	449590	5468364	179137	A	15	5	35	20	30	10	Grey-Brown	balsum	Moderate	Moderate		8	5	< 2
179138	May 30/20	S.Jacobsen	449612	5468315	179138	A	15	5	35	30	10	20	Brown	balum/birch	Moderate	Good		7	85	3
179139	May 31/20	S.Jacobsen	448766.4619	5467681.439	179139	A	15	5	35	30	25	10	Grey-Brown	birch/spruce	Moderate	Moderate		8	21	< 2
179140	May 31/20	S.Jacobsen	0	0	179140	BLANK	0		0	0	0	0						< 5	1	< 2
179141	May 31/20	S.Jacobsen	448788.5283	5467587.063	179141	A	15	5	20	25	20	30	Dark Brown	balsum/spruce	Steep	Fair		9	95	< 2
179142	May 31/20	S.Jacobsen	448805.8041	5467539.539	179142	A	15	5	35	10	25	10	Grey-Brown	balsum/pop	Flat	Poor		5	42	< 2
179143	May 31/20	S.Jacobsen	448816.5189	5467489.296	179143	A	30	5	45	15	25	10	Dark Brown	balsum/spruce	Steep	Fair		9	84	< 2
179144	May 31/20	S.Jacobsen	448832.9228	5467441.669	179144	A	30	5	45	10	10	30	Dark Brown	balsum	Moderate	Poor		11	35	18
179145	May 31/20	S.Jacobsen	448857.6087	5467347.602	179145	A	7	0	20	20	30	30	Dark Brown	cedar	Steep	Good		11	73	4
179146	May 31/20	S.Jacobsen	448906.3944	5467205.392	179146	A	30	5	35	25	25	10	Grey-Brown	cedar	Flat	Poor		6	48	< 2
179147	May 31/20	S.Jacobsen	448919.6597	5467155.905	179147	A	15	5	40	15	30	10	Grey-Brown	balsum/pop	Moderate	Moderate		6	8	< 2
179148	May 31/20	S.Jacobsen	449122.7145	5467162.689	179148	A	15	0	25	15	30	30	Grey-Brown	balsum/cedar	Moderate	Moderate		11	15	< 2
179149	May 31/20	S.Jacobsen	449114.0441	5467214.468	179149	B	15	0	30	20	25	20	Grey-Brown	balsum	Moderate	Moderate		7	9	< 2
179150	May 31/20	S.Jacobsen	449114.0441	5467214.468	179150	DUPLICATE	0		0	0	0	0						6	9	< 2
179151	May 31/20	S.Jacobsen	448919.3736	5467834.553	179151	A	15	10	25	15	20	30	Brown	balsum/cedar	Moderate	Fair		9	42	< 2
179152	May 31/20	S.Jacobsen	448905.0095	5467882.829	179152	A	15	0	35	25	15	25	Brown	balsum/cedar	Steep	Good		7	19	< 2
179153	May 31/20	S.Jacobsen	448890.1208	5467929.33	179153	B	30	0	35	30	10	25	Brown	jack pine/pop	Moderate	Moderate		< 5	9	< 2
179154	May 31/20	S.Jacobsen	448876.169	5467982.826	179154	B	15	5	35	20	25	10	Grey-Brown	balsum	Moderate	Moderate		< 5	4	< 2
179155	May 31/20	S.Jacobsen	448865.2473	5468026.4	179155	A	15	5	45	10	20	20	Brown	balsum/pop	Moderate	Moderate		< 5	15	< 2

179156	May 31/20	S.Jacobsen	448846.0838	5468073.831	179156	B	15	10	50	10	20	10	Brown	balsum/pop	Moderate	Moderate		< 5	21	< 2
179157	May 31/20	S.Jacobsen	448932.9533	5467109.418	179157	B	15	5	25	20	30	10	Grey-Brown	balsum/spruce	Moderate	Moderate		< 5	11	< 2
179158	May 31/20	S.Jacobsen	448775.6875	5467635.102	179158	B	15	5	30	15	30	20	Grey-Brown	jack pine/pop	Moderate	Moderate		< 5	8	< 2
179159	June 1/20	S.Jacobsen	448697.2105	5467878.432	179159	B	15	5	45	30	10	10	Grey-Brown	balsum	Moderate	Good		< 5	9	< 2
179160	June 1/20	S.Jacobsen	0	0	179160	BLANK	0		0	0	0	0						< 5	8	< 2
179161	June 1/20	S.Jacobsen	448685.9199	5467929.014	179161	A	7	5	30	20	25	40	Dark Brown	balsum	Moderate	Moderate		< 5	9	< 2
179162	June 1/20	S.Jacobsen	448666.915	5467969.995	179162	B	15	5	25	10	25	10	Brown	balsum	Moderate	Moderate		< 5	15	< 2
179163	June 1/20	S.Jacobsen	448619.6016	5468120.643	179163	B	15	0	30	20	40	10	Grey-Brown	white pine	Moderate	Moderate		< 5	28	< 2
179164	June 1/20	S.Jacobsen	448626	5468101	179164	B	15	5	20	30	45	0	Grey-Brown	white pine	Flat	Poor		10	21	< 2
179165	June 1/20	S.Jacobsen	448549.1658	5468360.454	179165	B	30	0	10	25	45	10	Grey-Brown	balsum	Steep	Moderate		< 5	95	< 2
179166	June 1/20	S.Jacobsen	448700.0043	5468549.382	179166	A	7	0	25	15	30	30	Brown	white pine	Flat	Moderate		< 5	35	< 2
179167	June 1/20	S.Jacobsen	448714.4209	5468507.109	179167	B	15	5	40	15	20	20	Grey-Brown	balum/birch	Steep	Good		61	14	< 2
179168	June 1/20	S.Jacobsen	448729.9825	5468455.265	179168	Organic	60	5	0	10	15	70	Dark Brown	cedar	Flat	Poor		11	9	< 2
179169	June 1/20	S.Jacobsen	448781.3665	5468274.004	179169	B	45	0	20	10	45	25	Grey-Brown	balsum/cedar	Flat	Poor		< 5	32	< 2
179170	June 1/20	S.Jacobsen	448781.3665	5468274.004	179170	DUPLICATE	0		0	0	0	0						7	2	< 2
179171	June 1/20	S.Jacobsen	448793.7296	5468221.634	179171	B	45	0	10	20	60	10	Grey-Brown	balsum/cedar	Moderate	Moderate		5	34	< 2
179172	June 1/20	S.Jacobsen	448808.4279	5468178.247	179172	B	30	10	45	20	15	10	Dark Brown	balsum	Moderate	Moderate		< 5	60	< 2
179173	June 1/20	S.Jacobsen	448828.3126	5468130.365	179173	B	15	0	10	25	55	10	Grey-Brown	balsum	Steep	Good		< 5	58	< 2
179174	May 28/20	SJ/MB	450309.5636	5468747.575	179174	UTM/NAD83	15	O	75	0	0	0	10	90	darkbrown/black	grass	flat	< 5	12	< 2
179201	200530	C.Hudek	449271	5468728	179201	A	90		10	40	40	10	Dark Grey	cedar	Flat	Poor	bottom of auger. 1% mica flakes	8	50	< 2
179202	200530	C.Hudek	449254	5468773	179202	B	40	5	30	30	30	5	Dark Grey	cedar	Flat	Poor	lots of rock material	6	108	< 2
179203	200530	C.Hudek	449243	5468825	179203	B	20		30	50	10	10	Reddish - Brown	poplar	Moderate	Good		6	38	< 2
179204	200530	C.Hudek	449227	5468874	179204	B	30		0	10	80	10	Dark Brown	alder	Flat	Good	brown clay. clear grey a horizon	9	87	< 2
179205	200530	C.Hudek	449056	5468764	179205	Organic	10		0	60	10	30	Black	balsam	Moderate	Fair	bedrock	8	36	2
179206	200530	C.Hudek	449072	5468713	179206	L, F, H	20		0	0	0	0	Brown	balsam	Steep	Good	bedrock	7	29	< 2
179207	200530	C.Hudek	449088	5468652	179207	B	30		30	40	30	0	Reddish - Brown	poplar	Steep	Good	between gabbro ridges	6	84	< 2
179208	200530	C.Hudek	449099	5468613	179208	B	30		30	40	20	10	Dark Brown	poplar	Flat	Good	beside old road	8	19	< 2
179209	200530	C.Hudek	449126	5468530	179209	B	20		10	50	40	0	Reddish - Brown	alder	Flat	Good	well developed soil horizons.	6	19	< 2
179210	200530		0	0	179210	BLANK	0		0	0	0	0						< 5	3	< 2
179211	200530	C.Hudek	449136	5468463	179211	B	30		80	10	0	10	Brown	alder	Flat	Moderate	bedrock	< 5	26	< 2
179212	200530	C.Hudek	449120	5468426	179212	B	30		30	30	30	10	Reddish - Brown	alder	Flat	Moderate	between gabbro ridges	5	83	< 2
179213	200530	C.Hudek	449172	5468380	179213	B	30		40	30	20	10	Reddish - Brown	alder	Flat	Good	grey and red mottled	7	41	< 2
179214	200530	C.Hudek	449169	5468326	179214	A	0		0	20	70	10	Grey	grass	Flat	Poor	grey and red mottled	6	29	2
179215	200530	C.Hudek	449200	5468285	179215	A	20		10	50	10	30	Grey	alder	Flat	Good	ditch beside road	9	30	< 2
179216	200530	C.Hudek	449216	5468230	179216	B	60		0	50	50	0	Light Orange	grass	Flat	Poor		< 5	16	< 2
179217	200531	C.Hudek	449240.3953	5468138.097	179217	A	30		0	50	40	10	Brown	balsam	Flat	Good	bedrock	8	58	< 2
179218	200531	C.Hudek	449265.8537	5468080.047	179218	B	40		10	50	30	5	Reddish - Brown	alder	Flat	Good	well developed soil horizons.	< 5	51	2
179219	200531	C.Hudek	449250.0404	5468026.938	179219	A	10		10	50	30	10	Brown	alder	Flat	Good	bedrock	5	15	< 2
179220	200531	C.Hudek	449250.0404	5468026.938	179220	DUPLICATE	0		0	0	0	0						30	24	< 2
179221	200531	C.Hudek	449450.5319	5467420.597	179221	A	10	5	0	50	30	15	Brown	mixed	Flat	Good	bedrock. beside old trail	33	116	2
179222	200531	C.Hudek	449447.7698	5467491.222	179222	B	60	10	30	30	30	0	Dark Brown	balsam	Moderate	Good	bedrock	9	79	< 2
179223	200531	C.Hudek	449437.7012	5467557.023	179223	A	30		30	30	30	10	Grey	balsam	Flat	Moderate	grey and red mottled. beside old trail	8	216	< 2
179224	200531	C.Hudek	449495.5849	5467305.222	179224	A	40	5	10	50	25	10	Brown	spruce	Flat	Moderate	bedrock	6	78	< 2
179225	200531	C.Hudek	449517.8518	5467246.869	179225	A	20		0	50	40	10	Dark Grey	balsam	Moderate	Moderate	grey and red mottled. beside lake	19	149	< 2
179226	200531	C.Hudek	449308.9273	5467272.478	179226	Organic	0		0	30	20	50	Black	balsam	Moderate	Good	bedrock	7	139	< 2
179227	200531	C.Hudek	449277.6816	5467309.901	179227	A	10		0	60	30	10						9	30	< 2
179228	200531	C.Hudek	449273.1954	5467366.645	179228	Organic	0		0	0	0	100	Black	spruce	Moderate	Good	bedrock	10	174	5
179229	200531	C.Hudek	449257.6381	5467427.716	179229	A	10		0	70	20	10	Brown	red pine	Flat	Good	bedrock	8	103	4
179230	200531	C.Hudek	0	0	179230	BLANK	0		0	0	0	0						< 5	2	< 2
179231	200531	C.Hudek	449227.3907	5467463.018	179231	A	20		10	50	30	10	Dark Grey	alder	Flat	Good	grey and red mottled	30	30	< 2
179232	200531	C.Hudek	449239.6965	5467513.602	179232	Organic	0		0	0	0	100		poplar	Flat	Good	bedrock	6	16	4
179233	200531	C.Hudek	449207.5848	5467559.261	179233	Organic	0		0	0	0	100	Black	mixed	Moderate	Good	bedrock	7	14	< 2
179234	200531	C.Hudek	449198.2638	5467611.38	179234	A	10		30	30	10	20	Grey	poplar	Flat	Good	bedrock	9	11	< 2
179235	200531	C.Hudek	449172.4593	5467661.117	179235	A	10		50	30	10	10	Grey	mixed	Flat	Good	bedrock	12	5	< 2
179236	200531	C.Hudek	449172.7972	5467692.222	179236	A	0		10	30	50	10	Grey	birch	Flat	Good	between gabbro ridges	7	39	< 2
179237	200531	C.Hudek	449155.8827	5467758.706	179237	A	0		0	50	40	10	Brown	balsam	Flat	Good		7	45	< 2
179238	200531	C.Hudek	449141.4446	5467850.834	179238	B	0		30	30	30	0	Grey	cedar	Flat	Poor		11	74	< 2
179239	200531	C.Hudek	449117.1163	5467909.615	179239	A	60		30	40	30	0	Brown	cedar	Flat	Good		9	42	< 2
179240	200531	C.Hudek	449117.1163	5467909.615	179240	DUPLICATE	0		0	0	0	0						6	46	3
179241	200601	C.Hudek	449100.6451	5467945.938	179241	B	60		50	40	10	0	Reddish - Brown	mixed	Steep	Fair	reddish sand and grey clay define horizons. in ditch beside road	10	47	2
179242	200601	C.Hudek	449082.6038	5467989.355	179242	Organic	0		0	0	0	100	Black	labrador	Steep	Good	bedrock	7	100	6
179243	200601	C.Hudek	449074.0168	5468049.917	179243	L, F, H	5		0	0	0	100	Brown	jack pine	Moderate	Good	bedrock	14	48	< 2
179244	200601	C.Hudek	449051.4585	5468076.032	179244	L, F, H	0		0	50	0	50	Brown	balsam	Flat	Good	bedrock	8	68	< 2
179245	200601	C.Hudek	449039.4897	5468132.067	179245	A	20		0	80	10	10	Brown	jack pine	Flat	Good	bedrock	7	15	< 2
179246	200601	C.Hudek	449013.2527	5468192.015	179246	A	20		0	80	0	20	Brown	jack pine	Moderate	Good	bedrock	7	112	< 2
179247	200601	C.Hudek	449013.2496	5468230.706	179247	A	20		0	70	10	20	Brown	balsam	Flat	Good	bedrock	7	52	< 2
179248	200601	C.Hudek	448992.512	5468280.708	179248	A	0		10	60	20	10	Reddish - Brown	balsam	Moderate	Good	bedrock	8	58	3
179249	200601	C.Hudek	448984.8935	5468328.141	179249	A	20		10	80	10	0	Brown	balsam	Flat	Good	bedrock	13	13	< 2
179250	200601	C.Hudek	0	0	179250	BLANK	0		0	0	0	0						6	2	< 2
179251	200601	C.Hudek	448954.8924	5468373.56	179251	A	40		10	70	10	10	Brown	balsam	Flat	Good	bedrock	8	64	< 2
179252	200601	C.Hudek	448949.9036	5468422.637	179252	A	20		10	60	10	10	Brown	poplar	Flat	Good	bedrock	7	25	3
179253	200601	C.Hudek	448934.6428	5468468.03	179253	A	0		0	40	50	10	Grey	balsam	Flat	Good	bedrock	11	29	< 2
179254	200601	C.Hudek	448924.3865	5468520.603	179254	B	30		0	15	80	5	Red	alder	Flat	Moderate		6	121	3
179255	200601	C.Hudek	448928.7151	5468564.368	179255	B	70		0	20	80	0	Reddish - Brown	alder	Flat	Moderate		8	37	3
179256	200601	C.Hudek	448893.9479	5468612.388	179256	A	30		55	30	10	5	Brown	alder	Moderate	Moderate		< 5	38	< 2
179257	200601	C.Hudek	448880.6659	5468675.218	179257	A	40		0	20	80	0	Grey	balsam	Moderate	Good	grey and red mottled	< 5	127	< 2
179258	200530	C.Hudek	449399	5468305	179041	B	30		0	50	50	10	Brown	poplar	Flat	Moderate		< 5	28	< 2

179259	200530	C.Hudek	449393	5468354	179042	A	30		10	50	30	10	Light Grey	balsam	Flat	Moderate	mottled with red sand (B horizon)	< 5	24	< 2

448000 450000 452000 454000 456000 458000 460000

5470000 5468000 5466000 5464000 5462000

N

Caviar Lake
Caviar Lake
Denmark Lake
Overflow Lake
Isinglass Lake
Shingwak Lake
Beggs Lake
Baby Shingwak Lake
Rowan Lake

559479 552382 552383 552384 559480 559481 559482 552385 552379 552378 552381 559484 559478 559475 559476 559477 552380 559483

179264 179187 179195 179186 179193 179194 179191 179192 179265 179266 179263 179447 179448 179446 179444 179445 179428 179198 179199 179200 179197 179196 179271 179272 179270 179269 179430 179431 179432 179433 179262 179261 179436 179437 179435 179434 179181 179439 179440 179438 179260 179443 179442 179441 179427 179307 179464 179469 179470 179468 179467 179472 179473 179304 179453 179458 179292 179294 179293 179456 179457 179455 179454 179459 179290 179291 179289 179452 179460 179451 179450 179462 179463 179461 179296 179295 179312 179313 179310 179311 179299 179301 179302 179300 179425 179426 179424 179423 179286 179287 179285 179281 179282 179283 179284 179276 179280 179279 179277 179278 179421 179422 179408 179409 179406 179407 179405 179417 179418 179419 179420 179414 179304

0 1 2 Kilometers

CLE_Rock_Grab
Property
Claims
MNRF_Roads
Contour_50k
Wetland
Water

B.Clark 2021
NAD83 UTM 15N
Data Sources: ENDM, CanVec, MNRF, LIO

Sample ID	UTM E	UTM N	Date	Sampler	Rock Type	Description	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	As_ppm
179175	452357.5717	5467056.026	June 2/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfide	< 5	< 0.2	144	69	< 2
179176	452315.1973	5467286.091	June 2/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with semi-massive sulfides	247	2.7	7960	75	12
179177	452318.6952	5467312.521	June 2/20	Sirena Jacobsen	Intermediate-Mafic Volcanic	copper/malachite in mafic volcanic	189	1.7	1740	44	< 2
179178	452342.2297	5467396.591	June 2/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate with sulfide	22	< 0.2	433	27	< 2
179179	452373.1325	5467442.795	June 2/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfide	52	0.3	675	33	< 2
179180	452373.1325	5467442.795	June 2/20	Sirena Jacobsen		DUP	8	0.2	427	50	< 2
179181	452379.2641	5467645.839	June 2/20	Sirena Jacobsen	intermediate-Mafic Volcanic	intermediate-mafic volcanic with sulfides	202	0.7	1080	105	< 2
179182	449558.3785	5469172.476	June 3/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfide	8	0.2	261	16	< 2
179183	449537.0369	5469164.89	June 3/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic	< 5	< 0.2	111	23	< 2
179184	449536.6566	5469170.502	June 3/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfide	5	< 0.2	120	21	< 2
179185	449621.3156	5469076.949	June 3/20	Sirena Jacobsen	Mafic Dyke	Mafic Dyke indruding mafic volcanic	5	0.2	300	58	< 2
179186	449614.3209	5469074.234	June 3/20	Sirena Jacobsen	Mafic Volcanic	Mafic volcanic with quartz veinlets and sulfide	< 5	< 0.2	144	41	< 2
179187	449609.5306	5469082.283	June 3/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate, bleached with sulfide	< 5	< 0.2	54	15	< 2
179188	449587.532	5468711.253	June 3/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	Intermediate with quartz vein and sulfide	< 5	< 0.2	4	354	< 2
179189	449590.1057	5468722.681	June 3/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate	< 5	< 0.2	28	75	< 2
179191	449586.6526	5468718.265	June 3/20	Sirena Jacobsen	Mafic Dyke	Mafic dyke, quartz vein strike 152	< 5	< 0.2	12	202	2
179192	449583.5922	5468764.434	June 3/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic	5	< 0.2	130	15	< 2
179193	449581.3651	5468759.117	June 3/20	Sirena Jacobsen	Mafic Dyke	mafic dyke with sulfide	< 5	< 0.2	132	250	< 2
179194	449584.1638	5468755.534	June 3/20	Sirena Jacobsen	Mafic Volcanic	Mafic volcanic with some bedding and sulfide	6	< 0.2	202	19	5
179195	449588.659	5469046.897	June 3/20	Sirena Jacobsen	Mafic Volcanic	Mafic volcanic with some bedding and sulfide	5	< 0.2	166	14	< 2
179196	447641.4383	5467233.446	June 4/20	Sirena Jacobsen	Gabbro	Gabbro ridge	6	< 0.2	112	45	< 2
179197	447408.6148	5467840.833	June 4/20	Sirena Jacobsen	Mafic Volcanic	Mafic volcanic	< 5	< 0.2	69	57	< 2
179198	447249.9752	5468244.055	June 4/20	Sirena Jacobsen	Mafic Dyke	Mafic dyke	< 5	0.2	121	125	< 2
179199	447334.3527	5468024.995	June 4/20	Sirena Jacobsen	Mafic Volcanic	shear zone, vertical, mostly ductile	< 5	< 0.2	65	106	< 2
179200	447334.3527	5468024.995	June 4/20	Sirena Jacobsen		DUP	< 5	< 0.2	83	84	< 2
179260	451503.6	5467102.54	200602	Carolyn Hudek	Mafic Volcanic	rusty samples with <1mm wide pink qvs from side of old blast pit.	< 5	< 0.2	5	247	< 2
179261	450309.69	5467071.42	200602	Carolyn Hudek	Intermediate Intrusive	Intermediate Intrusive	< 5	< 0.2	12	14	< 2
179262	450739.64	5467370.17	200602	Carolyn Hudek	Quartz Vein	rusty cross cutting granitic dykes with tourmaline halo.	5	< 0.2	186	41	< 2
179263	448568.57	5468602.2	200603	Carolyn Hudek	Mafic Intrusive	Mafic Intrusive	7	< 0.2	119	6	6
179264	448316.85	5469049.96	200603	Carolyn Hudek	Mafic Volcanic	rusty fg mafic volcanic with 2% silvery pyrite.	< 5	< 0.2	26	2	2
179265	448021.39	5468578.79	200603	Carolyn Hudek	Mafic Volcanic	rusty mv outcrop, moderately silicified gives sugary texture.	< 5	< 0.2	203	83	< 2
179266	448020.68	5468588.02	200603	Carolyn Hudek	Mafic Volcanic	rusty outcrop along strike from sample 179265. same orientation as extension veins at other side of oc.	394	7.3	13600	689	119
179267	446843.06	5466019.58	200604	Carolyn Hudek	Mafic Volcanic	silicified mafic volcanic with 0.5% py on edge of 1mm qv.	< 5	< 0.2	154	128	< 2
179268	446842.28	5466021.92	200604	Carolyn Hudek	Mafic Volcanic	qv and wall rock with .5% disseminated py	< 5	< 0.2	112	119	3
179269	446711.08	5465901.68	200604	Carolyn Hudek	Mafic Intrusive	rusty gabbro with 1% py by 2mm qv	< 5	< 0.2	149	60	< 2
179270	447298.02	5466775.56	200604	Carolyn Hudek	Mafic Volcanic	Mafic Volcanic	< 5	< 0.2	7	308	< 2
179271	446830.1	5467012.78	200604	Carolyn Hudek	Mafic Volcanic	aphanitic grey green mv with stockwork qtz veins <1mm wide loaded with pyrite.	< 5	0.2	124	134	< 2
179272	446825.2	5467010.16	200604	Carolyn Hudek	Mafic Volcanic	aphanitic grey green mv with stockwork qtz veins <1mm wide loaded with pyrite.	< 5	0.2	137	132	3
179273	451269.53	5464102.43	200605	Carolyn Hudek	Mafic Volcanic	foliated mafic volcanic with 0.5% py.	< 5	< 0.2	152	58	3
179274	451052.9	5463856.65	200605	Carolyn Hudek	Mafic Volcanic	mafic volcanic with 1 cm wide qv with 1% py.	< 5	0.2	228	83	< 2
179275	451045.56	5463864.61	200605	Carolyn Hudek	Mafic Volcanic	0.5%py in foliated mv.	< 5	< 0.2	139	92	< 2
179276	450715.25	5463804.31	200605	Carolyn Hudek	Mafic Volcanic	fg foliated mv with 1%py in foliation.	< 5	< 0.2	103	36	< 2
179277	450295.37	5463115.67	200605	Carolyn Hudek	Mafic Volcanic	v with 1mm qtz veins with euhedral py up to 3mm.	< 5	< 0.2	128	53	< 2
179278	450694.03	5462922.18	200605	Carolyn Hudek	Mafic Volcanic	qtz carb vein with 1% py diss in wall rock.	< 5	0.2	131	88	4
179279	450873.91	5463497.92	200605	Carolyn Hudek	Mafic Volcanic	vuggy qv with 1% py in host rock.	< 5	< 0.2	163	46	< 2
179280	450904.84	5463608.71	200605	Carolyn Hudek	Mafic Volcanic	cubic py 2mm.	< 5	< 0.2	155	81	< 2
179281	449478.53	5464498.64	200606	Carolyn Hudek	Mafic Volcanic	pyrite disseminated throughout mv close to teeny tiny qtz vein.	< 5	0.2	321	104	< 2
179282	449980.5	5464309.48	200606	Carolyn Hudek	Mafic Volcanic	fg mv contact with mg fld phyric unit. I've been calling gabbro but possibly a flow.	< 5	< 0.2	41	18	< 2
179283	449822.89	5464142.82	200606	Carolyn Hudek	Mafic Volcanic	rusty sections with fg py in blebs.	< 5	< 0.2	118	82	< 2
179284	449825.99	5464140.12	200606	Carolyn Hudek	Mafic Volcanic	Mafic Volcanic	< 5	< 0.2	123	99	< 2
179285	448871.92	5464518.93	200606	Carolyn Hudek	Mafic Intrusive	mg gabbro with 5% py diss throughout. fine grain and everywhere. sample is from rusty piece that was sitting on top of outcrop but looks like it belongs here.	< 5	< 0.2	111	3	< 2
179286	448585.95	5464684.59	200606	Carolyn Hudek	Mafic Volcanic	1% py in 1mm wide qvs.	< 5	< 0.2	123	63	< 2
179287	448066.4	5464496.48	200606	Carolyn Hudek	Mafic Intrusive	Mafic Intrusive	< 5	< 0.2	179	32	2
179288	459584.24	5467227.58	200609	Carolyn Hudek	Felsic Intrusive	pinkish felsic dyke with rusty surface.	< 5	< 0.2	42	1	< 2
179289	459584.32	5467228.7	200609	Carolyn Hudek	Mafic Volcanic	altered pillows 50cm from felsic dyke.	< 5	< 0.2	18	29	< 2
179290	459631.62	5467250.58	200609	Carolyn Hudek	Felsic Intrusive	pink felsic dyke. 80% qtz, 15% fld 5% biotite.	< 5	< 0.2	34	11	< 2
179291	459630.33	5467243.59	200609	Carolyn Hudek	Mafic Volcanic	cross cutting qtz carb veins everywhere.	< 5	< 0.2	26	46	3
179292	456060.88	5466976.07	200610	Carolyn Hudek	Intermediate Volcanic	looks like intermediate volcanic. 1 cm wide rusty qv cross cutting. 270/35	< 5	< 0.2	4	60	< 2
179293	456026.95	5466865.94	200610	Carolyn Hudek	Mafic Volcanic	rusty qv in mv under moss covered outcrop	< 5	< 0.2	46	64	< 2
179294	456098.36	5466840.02	200610	Carolyn Hudek	Mafic Volcanic	rusty rock under tree roots.	32	0.7	386	34	< 2
179295	456273	5466417.82	200610	Carolyn Hudek	Mafic Volcanic	Mafic Volcanic	< 5	< 0.2	115	112	< 2
179296	456380.69	5466496.34	200610	Carolyn Hudek	Mafic Volcanic	rusty rock all around but now pyrite. boulder under tree, may be float but also may be broken up from tree roots. either way, I don't think it is far from its home.	5	< 0.2	234	66	< 2

179297	457592.7	5466587.68	200611	Carolyn Hudek	Mafic Volcanic	rusty fg mv with trace pyrite.	< 5	< 0.2	76	71	< 2
179298	457657.29	5466487.12	200611	Carolyn Hudek	Mafic Volcanic	rusty oc with trace py.	< 5	< 0.2	106	82	< 2
179299	458157.64	5466142.41	200611	Carolyn Hudek	Mafic Volcanic	3cm wide bull white qv with 5%tourmaline, rusty spot full of pyrite, possibly cpy (?). light green alt mineral.	< 5	< 0.2	104	83	< 2
179300	458274.86	5465481.01	200611	Carolyn Hudek	Intermediate Volcanic	iv with .5 % py disseminated. minor qv.	23	0.5	2820	18	< 2
179301	458388.19	5465471.81	200611	Carolyn Hudek	Mafic Volcanic	mafic volcanic with py associated with qtz veinlets	6	< 0.2	253	121	< 2
179302	458407.95	5465490.23	200611	Carolyn Hudek	Mafic Volcanic	grey pink rock I think its mafic volcanic just altered with silica and kspar. .5% cubic py.	7	0.2	185	107	7
179303	458337.92	5466208.41	200611	Carolyn Hudek	Mafic Volcanic	strongly silicified mafic volcanic with fg pyrite.	< 5	< 0.2	13	72	4
179304	454680.19	5467233.68	200612	Carolyn Hudek	Mafic Volcanic	difficult to tell if this is volcanic or gabbro. coarser grain sections and sulphide style looks like it should be gabbro. fg py in blebs.	< 5	< 0.2	86	11	< 2
179305	454591.05	5467229.86	200612	Carolyn Hudek	Mafic Volcanic	sample from old test pit or trench. small depression in ground.	< 5	< 0.2	70	33	< 2
179306	454583.76	5467226.59	200612	Carolyn Hudek	Mafic Volcanic	pyrite blebs in mv. from old trail. looks like oc but could be buried chunks from test pit.	< 5	< 0.2	71	34	< 2
179307	453942.09	5467707.12	200612	Carolyn Hudek	Mafic Volcanic	fg mv with 5% qtz and 1% py. rusty.	11	0.3	354	95	15
179308	454752.5	5467433.1	200612	Carolyn Hudek	Mafic Volcanic	super rusty edge of outcrop with semi massive pyrite.	253	26	45100	285	2
179309	454752.32	5467411.97	200612	Carolyn Hudek	Quartz Vein	2 parallel qvs 2 cm wide each. rusty ass rock. beautiful, would come back with a saw and try to take more. on edge of oc extremely difficult to get. Sample 70% vein material, 30% wall rock. 1% beautiful shiny pyrite, 0.5% malachite.	26	0.6	1950	68	24
179310	456539.2	5466215.69	200613	Carolyn Hudek	Mafic Volcanic	rusty mv with moderate silica alteration. sample is 10% qtz vein. lakeshore oc.	< 5	< 0.2	269	120	< 2
179311	456539.2	5466215.69	200613	Carolyn Hudek	Mafic Volcanic	sample from boulder at lake shore. silicious and rusty.	45	< 0.2	217	118	< 2
179312	456539.2	5466215.69	200613	Carolyn Hudek	Mafic Volcanic	from bedrock,10% vein.	< 5	< 0.2	197	139	< 2
179313	456539.2	5466215.69	200613	Carolyn Hudek	Mafic Volcanic	volcaniclastic rock with broken up clasts. pyrite is hosted in clast fractures.	< 5	< 0.2	327	123	< 2
179314	456506.84	5466128.12	200613	Carolyn Hudek	Mafic Volcanic	rusty oc with trace pyrite	10	0.4	633	109	< 2
179315	457446.13	5466419.82	200613	Carolyn Hudek	Mafic Volcanic	rusty boulder somewhat in place. contact between massive and pillowed flows. py associated with fractures and selvages.	6	< 0.2	269	109	< 2
179316	457446.13	5466419.82	200613	Carolyn Hudek	Mafic Volcanic	rusty boulder somewhat in place. contact between massive and pillowed flows. py associated with fractures and selvages.	5	< 0.2	381	140	< 2
179401	452466.2001	5463984.65	June 5/20	Sirena Jacobsen	Mafic Dyke	mafic dyke	< 5	< 0.2	93	99	< 2
179402	452468.9362	5463981.736	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic	< 5	< 0.2	89	72	< 2
179403	452462.5737	5463968.672	June 5/20	Sirena Jacobsen	Quartz Vein	Quatz vein	< 5	< 0.2	30	72	< 2
179404	452478.0387	5463958.754	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with Quartz veinlets, bleached	< 5	< 0.2	91	91	< 2
179405	452504.8491	5463882.698	June 5/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate	< 5	< 0.2	45	38	< 2
179406	452426.0967	5464019.241	June 5/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate with foliation	< 5	< 0.2	88	91	< 2
179407	452401.5215	5464109.842	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	< 5	< 0.2	123	46	3
179408	452456.5364	5464068.674	June 5/20	Sirena Jacobsen	Mafic Volcanic	Quartz vein	< 5	< 0.2	12	70	2
179409	452454.4466	5464070.693	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	< 5	< 0.2	183	125	3
179410	452233.7645	5463829.239	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	< 5	< 0.2	72	109	< 2
179411	452210.1817	5463816.547	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	< 5	< 0.2	86	79	< 2
179412	452235.4349	5463687.137	June 5/20	Sirena Jacobsen	Mafic Volcanic	quartz veinlets	< 5	< 0.2	95	110	< 2
179413	452209.3861	5463633.331	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz veins	< 5	< 0.2	63	14	< 2
179413	452212.6812	5463636.193	June 5/20	Sirena Jacobsen	Mafic Volcanic	quartz veinlets, some bedding	< 5	< 0.2	104	115	< 2
179415	452038.5102	5463755.451	June 5/20	Sirena Jacobsen	Mafic Intrusive	pillows and foliation with sulfide	< 5	< 0.2	96	114	3
179416	452019.1299	5463758.066	June 5/20	Sirena Jacobsen	Mafic Volcanic	strong lineation of quartz grains	< 5	< 0.2	127	45	3
179417	451916.0831	5463675.139	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz vein/pillows	< 5	< 0.2	47	43	< 2
179418	451893.809	5463687.563	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic, pillowed and foliated	< 5	< 0.2	120	45	3
179419	451663.2238	5463506.255	June 5/20	Sirena Jacobsen	Intermediate Dyke	intermediate dyke, foliation on both sides of dyke	< 5	< 0.2	19	213	< 2
179420	451666.4379	5463508.117	June 5/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic, foliation and pillows	< 5	0.2	125	50	< 2
179421	451480.2832	5463948.027	June 5/20	Sirena Jacobsen	Gabbro	Gabbro	< 5	< 0.2	185	76	< 2
179423	451479.2352	5463911.68	June 6/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz veins	< 5	< 0.2	121	65	2
179424	452736.2153	5466352.654	June 6/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz veinlets	5	< 0.2	228	71	< 2
179425	452756.7892	5466481.222	June 6/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz veinlets	13	0.2	429	66	< 2
179426	452785.8779	5466535.894	June 6/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic bleached, with few sulfide	< 5	< 0.2	45	33	< 2
179427	452479.7789	5468477.507	June 6/20	Sirena Jacobsen	Diorite	diorite	< 5	< 0.2	2	136	< 2
179428	449184.4888	5467880.231	June 7/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic, silica rich, pyrite fracture fill/dis	< 5	< 0.2	3	6	< 2
179429	449258.9038	5467588.026	June 7/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with pyrite in quartz veins and pyrite disseminated	< 5	< 0.2	60	17	< 2
179430	449417.5	5467468	200607	Carolyn Hudek	Mafic Volcanic	Strongly rusted outcrop - hard to tell primary lithology. Locally pyrite is semi massive but over all about 20% of sample.	< 5	< 0.2	87	23	3
179431	449423.6	5467472	200607	Carolyn Hudek	Mafic Volcanic	Strongly rusted outcrop - hard to tell primary lithology. Locally pyrite is semi massive but over all about 20% of sample.	25	0.5	525	222	5
179432	449854.4005	5467366.302	June 7/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with pyrite	12	0.3	284	69	< 2
179433	450663.2617	5467380.2	June 7/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic and mafic intrusive with large quartz vein strike 330	8	0.2	318	62	< 2
179434	451195.598	5467780.908	June 7/20	Sirena Jacobsen	Gabbro	gabbro with disseminated pyrite	< 5	< 0.2	11	52	< 2
179435	451448.5012	5467860.158	June 7/20	Sirena Jacobsen	Quartz Vein	large quartz vein strike 160 dip 65	17	< 0.2	230	84	< 2
179436	451448.357	5467860.27	June 7/20	Sirena Jacobsen	Mafic Volcanic	wall rock left side of lg quartz vein, mafic volcanic with pyrite	2530	0.3	16	7	2
179437	451448.7368	5467862.157	June 7/20	Sirena Jacobsen	Quartz Vein	smaller quartz veins offshooting from large quartz vein, quartz vein and wall rock show sulfides	39	< 0.2	56	86	< 2
179438	452317.218	5467284.628	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfide, pillowed	66	< 0.2	11	87	< 2
179439	452321.1342	5467309.054	June 8/20	Sirena Jacobsen	Mafic Volcanic	malachite in mafic volcanic	264	1.7	4000	45	< 2

179440	452345.068	5467322.076	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	72	0.4	240	30	< 2
179441	452285.7253	5466995.502	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with malachite and sulfides	14	< 0.2	245	37	< 2
179442	452452.8272	5466901.661	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with few suldides	43	0.8	1840	133	3
179443	451863.7848	5467056.558	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic(silica rich) rusty with sulfides, mostly disseminated with few fracture fills	1440	0.9	1100	46	< 2
179444	450389.6576	5468235.309	June 8/20	Sirena Jacobsen	Felsic Intrusive	felsic dyke	6	0.3	384	45	< 2
179445	450162.5333	5467916.503	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with sulfides and quartz veinlets	94	0.2	747	5	< 2
179446	449263.729	5468336.894	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with sulfides	8	< 0.2	231	71	< 2
179447	449236.1139	5468357.94	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with sulfides	9	0.2	398	104	2
179448	449238.4006	5468361.81	June 8/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with suldifes and quartz veins	8	< 0.2	164	121	< 2
179449	459355.3218	5466598.344	June 9/20	Sirena Jacobsen	Quartz Vein	large quartz vein strike 240	< 5	< 0.2	25	143	< 2
179450	459116.219	5466578.664	June 9/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with sulfides, some breccia	< 5	< 0.2	2	2	< 2
179451	458800.8279	5466613.933	June 9/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with suldifes right by felsic volcanic contact both incude quartz veining	< 5	< 0.2	200	34	< 2
179452	459201.4501	5466973.821	June 9/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic rusted with suldides	6	0.3	404	23	< 2
179453	454880.1725	5467081.051	June 10/20	Sirena Jacobsen	Gabbro	gabbro with quartz veinlets	10	< 0.2	676	22	< 2
179454	455086.0978	5466641.429	June 10/20	Sirena Jacobsen	Quartz Vein	large quartz vein in gabbro	< 5	< 0.2	32	56	< 2
179455	455084.7632	5466638.104	June 10/20	Sirena Jacobsen	Mafic Intrusive	gabbro with sulfides wall rock to quartz vein	< 5	< 0.2	11	7	< 2
179456	455523.9047	5466720.021	June 10/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with quartz veinlets and sulfides	< 5	< 0.2	43	35	3
179457	455538.0682	5466755.928	June 10/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with pyrite	< 5	< 0.2	248	71	< 2
179458	455663.8967	5467173.274	June 10/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with pyrite and quartz veinlets	< 5	< 0.2	118	31	< 2
179459	457761.8673	5467126.695	June 11/20	Sirena Jacobsen	Mafic Intrusive	gabbro rusted and silica rich, some visable malacite	13	0.2	187	31	< 2
179460	458353.674	5466790.747	June 11/20	Sirena Jacobsen	Gabbro	gabbro rusted and silica rich	19	< 0.2	226	72	< 2
179461	458456.9828	5466420.854	June 11/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic very rusted rich in sulfides	< 5	< 0.2	322	20	< 2
179462	458456.9169	5466421.744	June 11/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic very rusted and rich in sulfides	45	1	3640	70	< 2
179463	458454.9534	5466421.425	June 11/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic very rusted and rich in sulfides, alteration strong	< 5	< 0.2	267	55	< 2
179464	455054.0606	5468093.573	June 12/20	Sirena Jacobsen	Gabbro, mafic volcanic,intermediate	mafic volcanic, gabbro, granite mix	< 5	0.2	272	30	< 2
179465	456192.3658	5467489.109	June 13/20	Sirena Jacobsen	Gabbro	gabbro silica rich	< 5	< 0.2	96	52	< 2
179466	456116.3652	5467520.402	June 13/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic	< 5	< 0.2	17	34	< 2
179467	456131.5506	5467621.231	June 13/20	Sirena Jacobsen	Quartz Vein	quartz vein strike 070	16	< 0.2	156	67	< 2
179468	456189.5157	5467650.452	June 13/20	Sirena Jacobsen	Mafic Volcanic	wall rock to granitic dyke, mafic volcanic with few quartz veinlets, silica rich	< 5	< 0.2	50	67	< 2
179469	456193.5326	5467653.31	June 13/20	Sirena Jacobsen	Felsic Intrusive	granitic dyke intruding mafic volcanic	< 5	< 0.2	79	54	< 2
179470	456338.4987	5467719.75	June 13/20	Sirena Jacobsen	Mafic Intrusive	diorite	< 5	< 0.2	4	3	< 2
179471	456614.7319	5467453.398	June 13/20	Sirena Jacobsen	Mafic Intrusive	diorite-gabbro mix, no clean contact	< 5	< 0.2	29	9	< 2
179472	456714.5833	5467315.192	June 13/20	Sirena Jacobsen	Intermediate - Mafic Volcanic	intermediate-mafic volcanic with sulfides	< 5	< 0.2	37	35	< 2
179473	456721.7335	5467291.789	June 13/20	Sirena Jacobsen	Mafic Volcanic	mafic volcanic with sulfides	7	< 0.2	56	16	< 2

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06791**
Report Date: **16-Jul-20**
Date Submitted: **29-Jun-20**
Your Reference: **Cameron Lake East**

Clark Exploration Consulting Inc.
941 Cobalt cres
Thunder Bay ON P7B5Z4
Canada

ATTN: Brent Clark

CERTIFICATE OF ANALYSIS

155 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-07-13 21:28:44
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2020-07-09 09:25:28

REPORT **A20-06791**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179401	< 5	< 0.2	< 0.5	93	1150	< 1	99	< 2	77	3.72	< 2	< 10	16	< 0.5	< 2	3.58	39	142	6.73	10	< 1	< 0.01	< 10
179402	< 5	< 0.2	< 0.5	89	751	< 1	72	< 2	53	3.24	< 2	< 10	13	< 0.5	< 2	1.69	28	119	5.49	< 10	1	< 0.01	< 10
179403	< 5	< 0.2	< 0.5	30	604	< 1	72	< 2	45	2.65	< 2	< 10	14	< 0.5	< 2	1.88	22	172	3.81	< 10	< 1	0.02	< 10
179404	< 5	< 0.2	< 0.5	91	1220	< 1	91	< 2	79	3.29	< 2	< 10	19	< 0.5	< 2	3.78	35	133	6.66	< 10	2	0.01	< 10
179405	< 5	< 0.2	< 0.5	45	794	< 1	38	< 2	86	2.94	< 2	< 10	19	< 0.5	< 2	1.85	21	63	4.94	10	2	0.02	< 10
179406	< 5	< 0.2	< 0.5	88	1210	< 1	91	< 2	67	2.84	< 2	< 10	16	< 0.5	2	6.32	35	100	5.53	< 10	< 1	0.03	< 10
179407	< 5	< 0.2	0.6	123	1160	< 1	46	< 2	104	3.78	3	< 10	12	< 0.5	< 2	3.57	41	126	7.94	20	< 1	< 0.01	< 10
179408	< 5	< 0.2	< 0.5	12	1350	1	70	< 2	144	3.93	2	< 10	23	< 0.5	3	1.93	33	48	8.19	< 10	2	0.06	< 10
179409	< 5	< 0.2	0.7	183	1270	< 1	125	< 2	127	4.01	3	< 10	58	< 0.5	< 2	4.33	55	127	7.74	< 10	2	0.23	< 10
179410	< 5	< 0.2	< 0.5	72	869	< 1	109	< 2	77	3.81	< 2	< 10	45	< 0.5	< 2	2.56	59	140	5.77	10	2	0.09	< 10
179411	< 5	< 0.2	< 0.5	86	1090	< 1	79	< 2	74	2.94	< 2	< 10	55	< 0.5	< 2	4.69	31	117	5.12	< 10	2	0.15	< 10
179412	< 5	< 0.2	< 0.5	95	1280	< 1	110	< 2	89	3.70	< 2	< 10	20	< 0.5	< 2	3.60	44	142	7.88	< 10	< 1	0.01	< 10
179413	< 5	< 0.2	< 0.5	63	3980	1	14	3	49	1.76	< 2	2780	< 10	9.1	< 2	3.57	6	24	2.33	< 10	< 1	< 0.01	< 10
179414	< 5	< 0.2	< 0.5	104	1250	< 1	115	< 2	87	4.03	< 2	17	23	< 0.5	3	1.99	44	151	8.43	< 10	2	0.01	< 10
179415	< 5	< 0.2	< 0.5	96	2350	< 1	114	< 2	221	4.96	3	< 10	26	< 0.5	3	2.47	46	116	12.7	20	2	< 0.01	< 10
179416	< 5	< 0.2	< 0.5	127	1560	< 1	45	< 2	97	3.68	3	< 10	13	< 0.5	< 2	4.15	36	126	8.30	10	< 1	< 0.01	< 10
179417	< 5	< 0.2	< 0.5	47	2030	< 1	43	< 2	136	4.46	< 2	< 10	19	< 0.5	3	1.38	31	118	11.0	20	< 1	< 0.01	< 10
179418	< 5	< 0.2	< 0.5	120	1990	< 1	45	< 2	125	4.34	3	< 10	21	< 0.5	< 2	3.92	35	118	10.9	20	< 1	< 0.01	< 10
179419	< 5	< 0.2	< 0.5	19	932	< 1	213	6	78	2.35	< 2	< 10	62	< 0.5	< 2	3.88	25	232	3.89	10	< 1	0.06	99
179420	< 5	0.2	< 0.5	125	1830	< 1	50	< 2	114	3.82	< 2	< 10	22	< 0.5	< 2	4.49	32	123	9.98	10	2	< 0.01	< 10
179421	< 5	< 0.2	< 0.5	185	846	< 1	76	< 2	62	3.48	< 2	< 10	10	< 0.5	< 2	1.94	32	137	5.86	< 10	2	0.01	< 10
179422	< 5	< 0.2	< 0.5	121	1100	< 1	65	< 2	76	3.40	2	< 10	13	< 0.5	< 2	2.41	33	159	6.71	< 10	< 1	0.01	< 10
179423	5	< 0.2	< 0.5	228	845	< 1	71	< 2	38	3.03	< 2	< 10	15	< 0.5	< 2	7.76	24	114	4.35	< 10	2	0.05	< 10
179424	13	0.2	< 0.5	429	620	< 1	66	< 2	53	2.85	< 2	< 10	26	< 0.5	< 2	2.44	27	105	4.70	< 10	2	0.04	< 10
179425	< 5	< 0.2	< 0.5	45	776	1	33	< 2	55	3.10	< 2	< 10	34	< 0.5	< 2	2.24	20	55	4.33	< 10	1	0.09	15
179426	< 5	< 0.2	< 0.5	2	694	< 1	136	< 2	43	2.51	< 2	< 10	19	< 0.5	2	1.39	25	346	3.28	< 10	< 1	0.01	< 10
179427	< 5	< 0.2	< 0.5	3	467	< 1	6	3	47	1.33	< 2	< 10	112	< 0.5	2	0.89	11	14	4.78	< 10	1	0.58	16
179428	< 5	< 0.2	< 0.5	60	282	2	17	2	52	1.38	< 2	< 10	189	< 0.5	< 2	0.51	13	17	2.66	< 10	< 1	0.56	16
179429	< 5	< 0.2	< 0.5	87	567	< 1	23	< 2	62	2.39	3	< 10	41	< 0.5	3	2.17	21	40	5.18	< 10	2	0.18	11
179430	25	0.5	< 0.5	525	342	2	222	8	20	1.79	5	< 10	16	< 0.5	< 2	2.03	78	26	6.97	< 10	1	0.03	< 10
179431	12	0.3	< 0.5	284	366	< 1	69	< 2	23	1.89	< 2	< 10	43	< 0.5	< 2	2.28	49	97	4.25	< 10	< 1	0.07	< 10
179432	8	0.2	< 0.5	318	310	1	62	8	41	1.31	< 2	< 10	12	< 0.5	< 2	1.43	32	64	2.76	< 10	< 1	0.03	< 10
179433	< 5	< 0.2	< 0.5	11	631	3	52	< 2	47	2.13	< 2	< 10	223	< 0.5	< 2	1.84	18	66	4.16	< 10	< 1	0.43	13
179434	17	< 0.2	< 0.5	230	394	< 1	84	< 2	33	2.02	< 2	< 10	15	< 0.5	< 2	1.56	27	261	2.98	< 10	< 1	0.03	< 10
179435	2530	0.3	< 0.5	16	316	5	7	5	13	0.18	2	< 10	17	< 0.5	7	0.03	11	54	2.10	< 10	< 1	0.04	< 10
179436	39	< 0.2	< 0.5	56	824	< 1	86	< 2	79	3.31	< 2	< 10	64	< 0.5	< 2	1.71	31	131	6.22	< 10	2	0.31	< 10
179437	66	< 0.2	< 0.5	11	1380	1	87	< 2	69	2.76	< 2	< 10	71	< 0.5	3	2.54	40	122	6.38	< 10	1	0.29	< 10
179438	264	1.7	< 0.5	4000	366	< 1	45	< 2	53	1.35	< 2	< 10	15	< 0.5	< 2	1.45	23	57	3.64	< 10	< 1	0.07	< 10
179439	72	0.4	< 0.5	240	453	< 1	30	< 2	25	2.82	< 2	< 10	17	< 0.5	< 2	3.06	15	84	3.53	< 10	< 1	0.06	< 10
179440	14	< 0.2	< 0.5	245	455	< 1	37	< 2	31	1.86	< 2	< 10	20	< 0.5	< 2	1.59	22	111	3.09	< 10	< 1	0.04	< 10
179441	43	0.8	< 0.5	1840	1010	< 1	133	< 2	77	3.91	3	< 10	62	< 0.5	< 2	1.63	102	238	11.4	10	2	0.22	< 10
179442	1440	0.9	< 0.5	1100	338	< 1	46	3	29	1.95	< 2	< 10	24	< 0.5	< 2	2.62	15	81	2.48	< 10	< 1	0.02	< 10
179443	6	0.3	< 0.5	384	242	2	45	3	42	2.08	< 2	< 10	35	< 0.5	< 2	0.95	33	35	5.03	10	2	0.50	17
179444	94	0.2	< 0.5	747	252	2	5	3	30	0.96	< 2	< 10	24	< 0.5	< 2	0.94	8	19	1.69	< 10	< 1	0.06	22
179445	8	< 0.2	< 0.5	231	628	< 1	71	< 2	47	3.11	< 2	< 10	32	< 0.5	< 2	2.52	30	115	4.44	< 10	2	0.11	< 10
179446	9	0.2	< 0.5	398	508	< 1	104	< 2	52	2.65	2	< 10	26	< 0.5	< 2	1.76	41	116	4.67	< 10	2	0.07	< 10
179447	8	< 0.2	< 0.5	164	676	< 1	121	< 2	61	2.76	< 2	< 10	41	< 0.5	< 2	1.72	39	151	4.45	< 10	2	0.20	< 10
179448	< 5	< 0.2	< 0.5	25	566	< 1	143	< 2	60	2.62	< 2	< 10	23	< 0.5	< 2	1.14	82	494	4.95	< 10	2	0.03	15
179449	< 5	< 0.2	< 0.5	2	69	4	2	< 2	5	0.02	< 2	< 10	10	< 0.5	< 2	0.02	1	42	0.51	< 10	< 1	< 0.01	< 10
179450	< 5	< 0.2	< 0.5	200	589	2	34	2	19	1.98	< 2	< 10	17	< 0.5	< 2	2.26	31	66	4.29	< 10	< 1	0.04	< 10
179451	6	0.3	< 0.5	404	1320	< 1	23	< 2	44	3.20	< 2	< 10	40	< 0.5	3	1.26	47	23	10.8	10	2	0.10	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179452	10	< 0.2	< 0.5	676	535	< 1	22	< 2	29	1.54	< 2	< 10	17	< 0.5	< 2	1.76	55	11	6.16	< 10	< 1	0.06	< 10
179453	< 5	< 0.2	< 0.5	32	772	< 1	56	5	56	3.50	< 2	< 10	18	< 0.5	2	2.48	32	89	6.55	10	1	0.04	< 10
179454	< 5	< 0.2	< 0.5	11	230	4	7	< 2	16	0.37	< 2	< 10	20	< 0.5	2	1.34	6	34	1.52	< 10	< 1	0.05	< 10
179455	< 5	< 0.2	< 0.5	43	574	< 1	35	< 2	61	2.04	3	< 10	43	< 0.5	< 2	3.66	25	7	5.66	< 10	2	0.22	< 10
179456	< 5	< 0.2	< 0.5	248	939	< 1	71	3	70	3.07	< 2	< 10	20	< 0.5	< 2	3.28	39	164	6.04	< 10	2	0.04	< 10
179457	< 5	< 0.2	< 0.5	118	419	< 1	31	< 2	32	2.07	< 2	< 10	15	< 0.5	< 2	2.28	20	63	2.74	< 10	< 1	0.03	< 10
179458	13	0.2	< 0.5	187	1230	< 1	31	< 2	80	3.22	< 2	< 10	62	< 0.5	2	1.16	40	23	9.47	20	3	0.15	< 10
179459	19	< 0.2	< 0.5	226	692	< 1	72	< 2	52	2.88	< 2	< 10	16	< 0.5	< 2	2.54	25	140	4.18	< 10	1	0.03	< 10
179460	< 5	< 0.2	< 0.5	322	545	< 1	20	< 2	34	1.98	< 2	< 10	18	< 0.5	< 2	1.97	27	39	4.82	< 10	1	0.07	< 10
179461	45	1.0	< 0.5	3640	584	< 1	70	5	52	2.07	< 2	< 10	17	< 0.5	< 2	0.79	42	113	8.95	< 10	2	0.03	< 10
179462	< 5	< 0.2	< 0.5	267	587	< 1	55	< 2	33	2.28	< 2	< 10	19	< 0.5	< 2	1.83	20	116	4.39	< 10	3	0.06	< 10
179463	< 5	0.2	< 0.5	272	501	< 1	30	< 2	28	2.29	< 2	< 10	15	< 0.5	< 2	1.82	11	95	4.47	< 10	2	0.03	< 10
179464	< 5	< 0.2	< 0.5	96	543	< 1	52	< 2	38	2.76	< 2	< 10	18	< 0.5	< 2	2.59	17	258	3.22	< 10	< 1	0.06	< 10
179465	< 5	< 0.2	< 0.5	17	1130	< 1	34	< 2	119	2.63	< 2	< 10	55	< 0.5	< 2	3.43	14	41	5.87	10	< 1	0.15	18
179466	16	< 0.2	< 0.5	156	543	6	67	< 2	47	2.64	< 2	< 10	20	< 0.5	< 2	2.72	24	106	4.77	< 10	< 1	0.13	< 10
179467	< 5	< 0.2	< 0.5	50	559	2	67	2	42	2.15	< 2	< 10	17	< 0.5	< 2	1.08	25	77	3.64	< 10	< 1	0.02	< 10
179468	< 5	< 0.2	< 0.5	79	701	< 1	54	< 2	44	4.03	< 2	< 10	27	< 0.5	< 2	3.12	26	130	5.29	< 10	2	0.10	< 10
179469	< 5	< 0.2	< 0.5	4	129	1	3	< 2	8	0.73	< 2	< 10	17	< 0.5	< 2	0.64	2	14	0.73	< 10	< 1	0.03	12
179470	< 5	< 0.2	< 0.5	29	676	< 1	9	2	76	2.02	< 2	< 10	193	< 0.5	< 2	2.46	19	8	6.35	< 10	2	0.74	57
179471	< 5	< 0.2	< 0.5	37	339	< 1	35	< 2	54	1.84	< 2	< 10	89	< 0.5	< 2	1.74	16	83	4.04	< 10	< 1	0.30	11
179472	7	< 0.2	< 0.5	56	366	2	16	< 2	32	1.00	< 2	< 10	44	< 0.5	< 2	0.93	18	19	2.07	< 10	< 1	0.11	54
179473	5	< 0.2	< 0.5	103	631	< 1	78	< 2	59	2.96	< 2	< 10	31	< 0.5	3	2.46	31	114	4.57	< 10	2	0.14	< 10
179175	< 5	< 0.2	< 0.5	144	537	< 1	69	< 2	36	2.31	< 2	< 10	32	< 0.5	< 2	2.42	25	96	3.26	< 10	< 1	0.06	< 10
179176	247	2.7	< 0.5	7960	679	< 1	75	< 2	105	2.74	12	< 10	16	< 0.5	< 2	2.21	36	114	6.90	< 10	1	0.09	< 10
179177	189	1.7	< 0.5	1740	393	< 1	44	5	48	2.08	< 2	< 10	16	< 0.5	< 2	2.53	18	79	3.40	< 10	< 1	0.06	< 10
179178	22	< 0.2	< 0.5	433	306	< 1	27	< 2	24	1.90	< 2	< 10	14	< 0.5	< 2	2.22	17	60	5.48	< 10	1	0.05	< 10
179179	52	0.3	< 0.5	675	363	< 1	33	< 2	37	2.52	< 2	< 10	20	< 0.5	< 2	2.63	27	82	3.47	< 10	< 1	0.09	< 10
179180	8	0.2	< 0.5	427	403	< 1	50	3	33	2.49	< 2	< 10	18	< 0.5	< 2	2.55	39	91	4.01	< 10	< 1	0.10	< 10
179181	202	0.7	< 0.5	1080	429	< 1	105	< 2	53	3.20	< 2	< 10	12	< 0.5	< 2	2.11	44	124	6.25	< 10	< 1	0.02	< 10
179182	8	0.2	< 0.5	261	491	< 1	16	3	36	2.63	< 2	< 10	44	< 0.5	< 2	2.42	15	73	4.33	< 10	< 1	0.11	< 10
179183	< 5	< 0.2	< 0.5	111	498	1	23	< 2	53	1.77	< 2	< 10	55	< 0.5	< 2	1.89	18	72	3.24	< 10	< 1	0.17	< 10
179184	5	< 0.2	< 0.5	120	532	1	21	< 2	50	2.09	< 2	< 10	32	< 0.5	< 2	2.43	17	76	3.61	< 10	< 1	0.14	< 10
179185	5	0.2	< 0.5	300	529	< 1	58	< 2	61	2.90	< 2	< 10	37	< 0.5	< 2	2.47	38	82	4.07	< 10	1	0.08	< 10
179186	< 5	< 0.2	< 0.5	144	598	< 1	41	< 2	67	3.91	< 2	< 10	53	< 0.5	< 2	2.85	25	100	5.11	< 10	2	0.17	< 10
179187	< 5	< 0.2	< 0.5	54	326	< 1	15	3	43	1.80	< 2	< 10	42	< 0.5	< 2	1.27	13	17	2.56	< 10	< 1	0.11	< 10
179188	< 5	< 0.2	< 0.5	4	978	< 1	354	2	86	3.92	< 2	< 10	70	< 0.5	< 2	3.59	35	511	6.55	< 10	3	0.36	< 10
179189	< 5	< 0.2	< 0.5	28	741	< 1	75	< 2	61	2.74	< 2	< 10	25	< 0.5	< 2	2.84	28	161	6.08	< 10	2	0.09	< 10
179191	< 5	< 0.2	< 0.5	12	1300	< 1	202	4	84	4.03	2	< 10	26	< 0.5	< 2	6.05	40	327	6.56	10	< 1	0.14	15
179192	5	< 0.2	< 0.5	130	333	1	15	4	55	1.65	< 2	< 10	56	< 0.5	< 2	0.86	17	18	2.63	< 10	< 1	0.17	< 10
179193	< 5	< 0.2	< 0.5	132	702	< 1	250	5	81	2.88	< 2	< 10	38	< 0.5	2	1.45	31	442	4.52	< 10	1	0.15	< 10
179194	6	< 0.2	< 0.5	202	289	2	19	3	58	1.49	5	< 10	108	< 0.5	< 2	0.79	34	20	2.84	< 10	< 1	0.20	< 10
179195	5	< 0.2	< 0.5	166	345	2	14	< 2	62	1.38	< 2	< 10	37	< 0.5	< 2	0.74	22	23	3.56	< 10	< 1	0.10	16
179196	6	< 0.2	< 0.5	112	722	< 1	45	< 2	103	2.67	< 2	< 10	21	< 0.5	< 2	2.12	35	17	4.94	< 10	2	0.04	< 10
179197	< 5	< 0.2	< 0.5	69	1260	< 1	57	< 2	111	3.08	< 2	< 10	15	< 0.5	3	2.69	35	120	7.38	< 10	< 1	0.04	< 10
179198	< 5	0.2	< 0.5	121	1140	< 1	125	< 2	82	4.07	< 2	< 10	25	< 0.5	2	3.71	47	181	7.50	< 10	2	0.06	< 10
179199	< 5	< 0.2	< 0.5	65	870	< 1	106	< 2	84	3.52	< 2	< 10	18	< 0.5	< 2	2.42	35	214	7.44	10	2	0.04	< 10
179200	< 5	< 0.2	< 0.5	83	878	< 1	84	< 2	72	2.90	< 2	< 10	19	< 0.5	< 2	2.63	33	213	6.11	10	1	0.04	< 10
179260	< 5	< 0.2	< 0.5	5	908	< 1	247	5	56	2.64	< 2	< 10	48	< 0.5	< 2	3.22	43	191	5.51	< 10	2	0.32	< 10
179261	< 5	< 0.2	< 0.5	12	288	2	14	3	28	1.35	< 2	< 10	86	< 0.5	< 2	1.19	13	13	3.99	< 10	< 1	0.13	30
179262	5	< 0.2	< 0.5	186	466	< 1	41	< 2	64	3.50	< 2	< 10	52	< 0.5	< 2	2.71	19	60	3.68	10	< 1	0.16	< 10
179263	7	< 0.2	< 0.5	119	392	1	6	3	49	1.92	6	< 10	95	< 0.5	< 2	1.27	18	6	4.71	10	3	0.26	20

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179264	< 5	< 0.2	< 0.5	26	238	1	2	2	46	1.13	2	< 10	38	< 0.5	< 2	0.61	8	6	3.10	< 10	< 1	0.15	30
179265	< 5	< 0.2	< 0.5	203	407	< 1	83	< 2	17	1.67	< 2	< 10	19	< 0.5	< 2	1.88	66	40	3.15	< 10	< 1	0.01	< 10
179266	394	7.3	3.1	> 10000	512	< 1	689	3	166	2.06	119	< 10	22	< 0.5	< 2	2.14	126	20	6.07	< 10	2	0.01	< 10
179267	< 5	< 0.2	< 0.5	154	1160	< 1	128	< 2	67	3.72	< 2	< 10	17	< 0.5	< 2	4.34	39	175	6.88	< 10	2	0.02	< 10
179268	< 5	< 0.2	< 0.5	112	1190	< 1	119	< 2	75	3.90	3	< 10	< 10	< 0.5	2	3.42	43	173	7.34	< 10	3	< 0.01	< 10
179269	< 5	< 0.2	< 0.5	149	684	< 1	60	< 2	37	2.66	< 2	< 10	11	< 0.5	< 2	1.70	27	196	4.08	< 10	< 1	< 0.01	< 10
179270	< 5	< 0.2	< 0.5	7	1700	< 1	308	2	105	4.25	< 2	< 10	45	< 0.5	3	3.74	43	667	8.11	< 10	2	0.05	< 10
179271	< 5	0.2	< 0.5	124	1270	< 1	134	5	90	4.16	< 2	< 10	25	< 0.5	< 2	3.86	38	195	7.74	10	1	< 0.01	< 10
179272	< 5	0.2	< 0.5	137	1310	< 1	132	< 2	92	4.07	3	< 10	17	< 0.5	3	4.05	45	189	8.02	10	2	0.01	< 10
179273	< 5	< 0.2	< 0.5	152	1390	< 1	58	< 2	87	2.83	3	< 10	40	< 0.5	< 2	5.20	48	118	6.51	< 10	1	0.17	< 10
179274	< 5	0.2	< 0.5	228	1520	< 1	83	< 2	95	3.82	< 2	< 10	11	< 0.5	< 2	5.40	54	123	8.40	< 10	2	< 0.01	< 10
179275	< 5	< 0.2	< 0.5	139	1360	< 1	92	< 2	107	3.50	< 2	< 10	19	< 0.5	< 2	1.84	55	181	7.66	< 10	2	< 0.01	< 10
179276	< 5	< 0.2	< 0.5	103	1610	< 1	36	< 2	121	3.33	< 2	< 10	20	< 0.5	< 2	5.35	33	45	8.65	10	2	0.05	< 10
179277	< 5	< 0.2	< 0.5	128	1620	< 1	53	< 2	106	2.89	< 2	< 10	19	< 0.5	2	3.73	36	74	10.6	10	< 1	0.01	< 10
179278	< 5	0.2	< 0.5	131	1190	< 1	88	< 2	75	3.47	4	< 10	13	< 0.5	< 2	7.02	47	134	7.24	< 10	< 1	< 0.01	< 10
179279	< 5	< 0.2	< 0.5	163	796	< 1	46	3	37	2.67	< 2	< 10	13	< 0.5	< 2	5.58	29	96	4.01	< 10	< 1	< 0.01	< 10
179280	< 5	< 0.2	< 0.5	155	1480	< 1	81	< 2	90	3.39	< 2	< 10	14	< 0.5	< 2	4.72	46	176	7.77	< 10	< 1	< 0.01	< 10
179281	< 5	0.2	< 0.5	321	470	< 1	104	< 2	26	3.62	< 2	< 10	38	< 0.5	< 2	2.38	46	143	5.70	< 10	2	0.04	< 10
179282	< 5	< 0.2	< 0.5	41	354	< 1	18	2	28	1.19	< 2	< 10	26	< 0.5	2	2.50	8	34	2.08	< 10	< 1	0.03	10
179283	< 5	< 0.2	< 0.5	118	563	< 1	82	< 2	43	4.20	< 2	< 10	19	< 0.5	< 2	2.41	26	102	4.02	< 10	2	0.02	< 10
179284	< 5	< 0.2	< 0.5	123	634	< 1	99	< 2	64	3.10	< 2	< 10	17	< 0.5	< 2	1.58	32	121	4.59	< 10	3	0.04	< 10
179285	< 5	< 0.2	< 0.5	111	804	< 1	3	5	81	1.59	< 2	< 10	20	< 0.5	3	1.00	33	5	10.8	10	2	0.06	< 10
179286	< 5	< 0.2	< 0.5	123	512	< 1	63	< 2	38	2.88	< 2	< 10	333	< 0.5	< 2	2.32	25	81	4.63	< 10	3	0.10	< 10
179287	< 5	< 0.2	< 0.5	179	822	< 1	32	< 2	72	2.79	2	< 10	19	< 0.5	< 2	2.03	33	10	6.02	< 10	2	0.03	< 10
179288	< 5	< 0.2	< 0.5	42	239	3	1	5	32	1.06	< 2	< 10	116	< 0.5	< 2	0.55	4	5	2.41	< 10	< 1	0.34	< 10
179289	< 5	< 0.2	< 0.5	18	543	< 1	29	< 2	37	2.29	< 2	< 10	49	< 0.5	< 2	2.65	13	75	2.94	< 10	< 1	0.22	< 10
179290	< 5	< 0.2	< 0.5	34	206	< 1	11	< 2	17	0.92	< 2	< 10	19	< 0.5	< 2	0.98	4	23	1.16	< 10	< 1	0.04	15
179291	< 5	< 0.2	< 0.5	26	552	< 1	46	< 2	36	2.83	3	< 10	32	< 0.5	< 2	2.96	17	77	3.00	< 10	< 1	0.08	< 10
179292	< 5	< 0.2	< 0.5	4	1020	< 1	60	< 2	63	4.40	< 2	< 10	34	< 0.5	3	4.43	31	126	8.73	10	3	0.08	< 10
179293	< 5	< 0.2	< 0.5	46	887	< 1	64	< 2	70	3.73	< 2	< 10	19	< 0.5	5	0.91	23	150	6.46	10	1	0.01	< 10
179294	32	0.7	< 0.5	386	592	< 1	34	< 2	33	2.12	< 2	< 10	19	< 0.5	< 2	2.61	21	93	4.12	< 10	< 1	0.05	< 10
179295	< 5	< 0.2	< 0.5	115	832	< 1	112	< 2	73	3.01	< 2	< 10	19	< 0.5	< 2	2.01	34	132	4.89	< 10	< 1	0.04	< 10
179296	5	< 0.2	< 0.5	234	786	< 1	66	< 2	48	2.22	< 2	< 10	24	< 0.5	< 2	2.34	44	91	5.25	< 10	2	0.10	< 10
179297	< 5	< 0.2	< 0.5	76	644	< 1	71	< 2	36	2.82	< 2	< 10	21	< 0.5	< 2	2.34	23	107	5.01	< 10	< 1	0.08	< 10
179298	< 5	< 0.2	< 0.5	106	361	< 1	82	< 2	20	1.43	< 2	< 10	26	< 0.5	< 2	1.75	15	89	2.65	< 10	< 1	0.06	< 10
179299	< 5	< 0.2	< 0.5	104	363	< 1	83	< 2	21	1.38	< 2	< 10	26	< 0.5	< 2	1.75	13	89	2.61	< 10	< 1	0.06	< 10
179300	23	0.5	0.5	2820	698	1	18	< 2	60	1.87	< 2	< 10	19	< 0.5	< 2	1.79	15	20	4.93	< 10	2	0.01	< 10
179301	6	< 0.2	< 0.5	253	1290	< 1	121	< 2	74	3.33	< 2	< 10	15	< 0.5	< 2	2.65	52	156	6.96	< 10	2	< 0.01	< 10
179302	7	0.2	< 0.5	185	1190	< 1	107	< 2	90	2.71	7	< 10	30	< 0.5	< 2	4.12	43	105	7.85	< 10	2	0.07	< 10
179303	< 5	< 0.2	< 0.5	13	994	< 1	72	6	72	3.40	4	< 10	13	< 0.5	< 2	1.96	36	122	5.26	< 10	2	< 0.01	< 10
179304	< 5	< 0.2	< 0.5	86	632	< 1	11	< 2	52	2.16	< 2	< 10	16	< 0.5	3	2.09	22	8	5.45	< 10	< 1	0.07	< 10
179305	< 5	< 0.2	< 0.5	70	1000	< 1	33	< 2	49	2.43	< 2	< 10	23	< 0.5	2	2.63	26	71	7.73	< 10	1	0.14	< 10
179306	< 5	< 0.2	< 0.5	71	756	< 1	34	< 2	40	2.02	< 2	< 10	21	< 0.5	< 2	2.38	21	80	5.06	< 10	< 1	0.12	< 10
179307	11	0.3	< 0.5	354	1520	< 1	95	< 2	35	1.48	15	< 10	35	< 0.5	< 2	6.06	37	125	5.36	< 10	2	0.18	< 10
179308	253	26.0	1.1	> 10000	270	9	285	11	136	1.09	2	< 10	13	< 0.5	< 2	0.89	172	46	14.2	< 10	3	0.09	< 10
179309	26	0.6	< 0.5	1950	1200	1	68	4	44	0.55	24	< 10	66	< 0.5	< 2	0.41	38	23	3.69	< 10	< 1	0.17	< 10
179310	< 5	< 0.2	< 0.5	269	476	< 1	120	< 2	35	2.07	< 2	< 10	15	< 0.5	< 2	2.74	55	106	4.02	< 10	< 1	0.03	< 10
179311	45	< 0.2	< 0.5	217	979	< 1	118	< 2	91	3.84	< 2	< 10	23	< 0.5	5	2.68	38	153	7.08	< 10	2	0.06	< 10
179312	< 5	< 0.2	< 0.5	197	668	< 1	139	< 2	64	2.89	< 2	< 10	16	< 0.5	< 2	1.76	52	131	5.55	< 10	2	0.04	< 10
179313	< 5	< 0.2	< 0.5	327	446	< 1	123	4	38	2.22	< 2	< 10	15	< 0.5	< 2	1.89	55	109	4.19	< 10	< 1	0.04	< 10
179314	10	0.4	< 0.5	633	879	< 1	109	< 2	74	3.35	< 2	< 10	18	< 0.5	< 2	2.49	42	122	5.78	< 10	3	0.04	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179315	6	< 0.2	< 0.5	269	700	< 1	109	< 2	40	2.15	< 2	< 10	67	< 0.5	< 2	1.68	41	157	4.49	< 10	< 1	0.19	< 10
179316	5	< 0.2	< 0.5	381	639	< 1	140	< 2	35	1.94	< 2	< 10	66	< 0.5	< 2	1.85	69	131	4.66	< 10	< 1	0.19	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179401	2.23	0.074	0.030	0.06	< 2	15	53	0.43	< 20	< 1	< 2	< 10	173	< 10	9	7
179402	2.08	0.051	0.032	0.04	2	10	44	0.41	< 20	6	< 2	< 10	123	< 10	7	6
179403	1.89	0.121	0.056	< 0.01	< 2	8	135	0.35	< 20	2	< 2	< 10	109	< 10	7	12
179404	2.21	0.069	0.029	0.04	2	10	32	0.45	< 20	< 1	< 2	< 10	142	< 10	7	4
179405	1.50	0.079	0.089	0.02	< 2	8	65	0.31	< 20	4	< 2	< 10	78	< 10	8	15
179406	2.03	0.026	0.026	0.07	2	6	25	0.36	< 20	5	< 2	< 10	96	< 10	4	3
179407	3.00	0.059	0.038	0.09	2	23	26	0.48	< 20	< 1	< 2	< 10	264	< 10	12	4
179408	2.35	0.022	0.018	0.02	< 2	5	28	0.14	< 20	< 1	< 2	< 10	75	< 10	3	3
179409	2.13	0.044	0.032	0.58	< 2	13	42	0.46	< 20	3	< 2	< 10	147	< 10	8	5
179410	1.58	0.057	0.029	0.13	< 2	16	57	0.54	< 20	6	< 2	< 10	163	< 10	8	7
179411	1.40	0.076	0.028	0.11	< 2	15	45	0.43	< 20	3	< 2	< 10	141	< 10	9	4
179412	2.26	0.048	0.031	0.08	2	12	29	0.42	< 20	< 1	< 2	< 10	166	< 10	6	5
179413	0.40	0.021	0.005	0.04	< 2	2	7	0.01	< 20	1	< 2	< 10	23	< 10	< 1	1
179414	2.57	0.038	0.032	0.05	2	11	45	0.47	< 20	7	< 2	< 10	174	< 10	6	6
179415	3.66	0.032	0.038	0.20	3	33	11	0.35	< 20	6	< 2	< 10	267	< 10	13	5
179416	2.84	0.031	0.036	0.05	2	15	19	0.35	< 20	< 1	< 2	< 10	231	< 10	7	3
179417	3.46	0.028	0.040	0.02	3	23	11	0.35	< 20	< 1	< 2	< 10	253	< 10	13	3
179418	3.22	0.043	0.041	0.08	3	20	27	0.48	< 20	2	< 2	< 10	261	< 10	11	4
179419	3.18	0.092	0.265	0.01	< 2	4	212	0.31	< 20	4	< 2	< 10	90	< 10	13	6
179420	2.95	0.030	0.040	0.10	2	22	62	0.40	< 20	< 1	< 2	< 10	263	< 10	12	3
179421	2.30	0.048	0.030	0.05	< 2	8	37	0.38	< 20	4	< 2	< 10	126	< 10	9	5
179422	1.65	0.068	0.029	0.02	2	11	48	0.49	< 20	5	< 2	< 10	149	< 10	8	10
179423	1.25	0.236	0.016	0.05	< 2	10	59	0.22	< 20	< 1	< 2	< 10	86	< 10	5	3
179424	1.44	0.137	0.023	0.17	< 2	9	61	0.28	< 20	2	< 2	< 10	81	< 10	6	5
179425	1.49	0.159	0.047	0.03	< 2	9	93	0.32	< 20	2	< 2	< 10	83	< 10	15	21
179426	1.92	0.035	0.064	< 0.01	< 2	4	28	0.25	< 20	7	< 2	< 10	45	< 10	4	5
179427	0.66	0.155	0.078	< 0.01	< 2	7	34	0.23	< 20	4	< 2	< 10	46	< 10	20	7
179428	0.85	0.072	0.045	0.18	< 2	5	18	0.17	< 20	3	< 2	< 10	33	< 10	9	19
179429	1.42	0.307	0.161	0.33	< 2	15	30	0.22	< 20	1	< 2	< 10	90	< 10	17	6
179430	0.72	0.058	0.058	3.54	3	6	74	0.26	< 20	2	< 2	< 10	64	< 10	5	6
179431	0.69	0.095	0.025	1.14	< 2	8	101	0.28	< 20	3	< 2	< 10	97	< 10	6	3
179432	0.45	0.091	0.032	0.56	< 2	5	32	0.23	< 20	1	< 2	< 10	79	< 10	5	2
179433	1.58	0.129	0.083	0.04	< 2	9	97	0.19	< 20	3	< 2	< 10	76	< 10	10	11
179434	1.90	0.054	0.016	0.12	< 2	4	34	0.11	< 20	< 1	< 2	< 10	43	< 10	2	3
179435	0.10	0.039	0.005	0.04	< 2	< 1	7	0.01	< 20	3	< 2	< 10	7	< 10	< 1	2
179436	2.62	0.030	0.063	0.29	3	7	24	0.09	< 20	< 1	< 2	< 10	72	< 10	5	12
179437	2.35	0.035	0.021	0.46	< 2	11	26	0.09	< 20	< 1	< 2	< 10	79	< 10	2	4
179438	0.72	0.142	0.020	0.50	< 2	9	14	0.17	< 20	3	< 2	< 10	74	< 10	5	3
179439	0.66	0.261	0.020	0.01	< 2	15	43	0.35	< 20	2	< 2	< 10	111	< 10	9	5
179440	0.80	0.165	0.018	0.05	< 2	9	23	0.18	< 20	1	< 2	< 10	73	< 10	5	3
179441	2.67	0.081	0.024	0.61	6	27	16	0.20	< 20	< 1	< 2	< 10	189	< 10	11	6
179442	0.28	0.073	0.013	0.08	< 2	8	55	0.28	< 20	5	< 2	< 10	61	< 10	10	4
179443	0.97	0.205	0.065	1.83	< 2	7	49	0.26	< 20	6	< 2	< 10	71	< 10	12	50
179444	0.42	0.079	0.046	0.06	< 2	5	20	0.12	< 20	3	< 2	< 10	12	< 10	17	14
179445	1.56	0.344	0.020	0.16	< 2	11	40	0.18	< 20	< 1	< 2	< 10	103	< 10	5	3
179446	1.39	0.172	0.019	0.35	< 2	11	28	0.32	< 20	3	< 2	< 10	101	< 10	4	3
179447	1.71	0.154	0.017	0.18	< 2	14	35	0.32	< 20	3	< 2	< 10	140	< 10	6	3
179448	2.79	0.059	0.099	0.89	< 2	7	71	0.17	< 20	4	< 2	< 10	86	< 10	5	12
179449	0.02	0.025	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	< 1
179450	0.59	0.134	0.039	0.69	< 2	8	38	0.24	< 20	4	< 2	< 10	63	< 10	7	8
179451	2.18	0.036	0.050	0.22	3	25	14	0.18	< 20	< 1	< 2	< 10	248	< 10	3	5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179452	0.82	0.218	0.057	1.82	< 2	16	15	0.29	< 20	3	< 2	< 10	141	< 10	13	5
179453	2.64	0.087	0.035	0.02	< 2	9	16	0.22	< 20	< 1	< 2	< 10	156	< 10	8	3
179454	0.30	0.040	0.013	0.04	< 2	1	15	0.02	< 20	2	< 2	< 10	12	< 10	2	3
179455	1.45	0.046	0.057	0.15	< 2	3	41	0.07	< 20	< 1	< 2	< 10	50	< 10	4	10
179456	2.05	0.095	0.030	0.04	< 2	13	21	0.35	< 20	3	< 2	< 10	176	< 10	11	4
179457	0.60	0.149	0.023	0.06	< 2	8	39	0.35	< 20	5	< 2	< 10	77	< 10	9	6
179458	1.55	0.088	0.061	0.15	3	27	21	0.37	< 20	2	< 2	< 10	291	< 10	14	4
179459	1.18	0.061	0.015	0.07	< 2	10	62	0.29	< 20	4	< 2	< 10	81	< 10	5	3
179460	1.28	0.242	0.046	0.26	2	17	17	0.22	< 20	2	< 2	< 10	152	< 10	10	3
179461	1.23	0.037	0.016	2.78	2	7	13	0.33	< 20	2	< 2	< 10	112	< 10	5	5
179462	1.10	0.136	0.016	0.73	< 2	13	23	0.37	< 20	4	< 2	< 10	118	< 10	7	5
179463	0.94	0.056	0.012	0.52	< 2	9	28	0.41	< 20	4	2	< 10	102	< 10	5	4
179464	1.84	0.210	0.013	0.02	< 2	13	26	0.16	< 20	2	< 2	< 10	85	< 10	4	2
179465	1.55	0.068	0.087	0.03	< 2	15	74	0.13	< 20	2	< 2	< 10	55	< 10	16	5
179466	1.51	0.326	0.029	0.01	< 2	15	29	0.20	< 20	< 1	< 2	< 10	124	< 10	7	5
179467	1.69	0.051	0.019	< 0.01	< 2	6	15	0.15	< 20	3	< 2	< 10	60	< 10	3	2
179468	2.18	0.515	0.019	0.04	< 2	17	40	0.19	< 20	< 1	< 2	< 10	139	< 10	7	3
179469	0.18	0.085	0.006	< 0.01	< 2	2	22	0.03	< 20	< 1	< 2	< 10	10	< 10	23	12
179470	1.57	0.167	0.252	< 0.01	< 2	9	256	0.16	< 20	< 1	< 2	< 10	169	< 10	20	2
179471	1.11	0.385	0.101	0.03	< 2	9	87	0.18	< 20	< 1	< 2	< 10	138	< 10	8	6
179472	0.63	0.126	0.058	0.17	< 2	8	22	0.09	< 20	1	< 2	< 10	23	< 10	9	10
179473	2.03	0.289	0.020	0.07	< 2	14	28	0.24	< 20	< 1	< 2	< 10	117	< 10	7	4
179175	0.96	0.095	0.012	0.09	< 2	9	33	0.24	< 20	2	< 2	< 10	80	< 10	8	3
179176	1.44	0.208	0.022	0.95	3	19	23	0.30	< 20	4	< 2	< 10	157	< 10	9	6
179177	0.57	0.240	0.021	0.13	< 2	14	31	0.34	< 20	6	< 2	< 10	107	< 10	10	5
179178	0.47	0.225	0.025	0.19	< 2	11	32	0.29	< 20	6	< 2	< 10	90	< 10	9	6
179179	0.58	0.354	0.028	0.19	< 2	17	38	0.37	< 20	6	< 2	< 10	136	< 10	11	5
179180	0.67	0.363	0.028	0.44	< 2	20	33	0.38	< 20	7	3	< 10	144	< 10	10	6
179181	1.78	0.075	0.035	0.58	< 2	11	40	0.33	< 20	2	< 2	< 10	121	< 10	8	6
179182	0.68	0.211	0.034	0.13	< 2	11	53	0.31	< 20	6	< 2	< 10	123	< 10	7	4
179183	0.82	0.303	0.030	0.15	< 2	14	28	0.22	< 20	< 1	< 2	< 10	110	< 10	9	8
179184	1.03	0.400	0.033	0.09	< 2	16	33	0.22	< 20	2	< 2	< 10	133	< 10	8	5
179185	1.56	0.383	0.032	0.30	< 2	10	51	0.28	< 20	1	< 2	< 10	90	< 10	5	4
179186	2.00	0.470	0.030	0.06	< 2	14	50	0.31	< 20	< 1	< 2	< 10	139	< 10	6	3
179187	0.78	0.107	0.042	0.16	< 2	4	71	0.19	< 20	1	< 2	< 10	40	< 10	7	16
179188	5.16	0.042	0.158	0.17	3	18	63	0.06	< 20	< 1	< 2	< 10	94	< 10	3	6
179189	1.73	0.168	0.029	0.03	< 2	14	81	0.27	< 20	1	< 2	< 10	125	< 10	7	4
179191	4.75	0.025	0.060	0.12	2	22	115	0.05	< 20	< 1	< 2	< 10	143	< 10	4	6
179192	0.91	0.120	0.047	0.16	< 2	4	44	0.19	< 20	4	< 2	< 10	40	< 10	5	24
179193	2.51	0.100	0.037	0.03	2	5	17	0.30	< 20	1	< 2	< 10	69	< 10	3	3
179194	0.71	0.105	0.043	0.65	< 2	4	36	0.17	< 20	4	< 2	< 10	33	< 10	8	32
179195	0.83	0.114	0.064	0.53	< 2	7	33	0.23	< 20	4	< 2	< 10	46	< 10	12	20
179196	1.73	0.061	0.021	0.03	< 2	5	40	0.36	< 20	2	< 2	< 10	145	< 10	5	3
179197	1.81	0.091	0.029	< 0.01	2	12	126	0.41	< 20	5	< 2	< 10	144	< 10	9	8
179198	3.10	0.041	0.018	0.10	3	14	110	0.34	< 20	3	< 2	< 10	167	< 10	7	3
179199	2.27	0.067	0.021	0.01	2	25	49	0.08	< 20	< 1	< 2	< 10	218	< 10	3	2
179200	1.78	0.084	0.025	< 0.01	2	25	42	< 0.01	< 20	< 1	< 2	< 10	212	< 10	2	2
179260	3.81	0.027	0.015	0.04	< 2	6	47	< 0.01	< 20	< 1	< 2	< 10	42	< 10	3	2
179261	0.77	0.080	0.070	0.03	< 2	5	143	0.16	< 20	2	< 2	< 10	17	< 10	16	6
179262	0.79	0.428	0.027	0.10	< 2	9	66	0.17	< 20	2	< 2	< 10	115	< 10	6	5
179263	1.05	0.054	0.066	0.42	< 2	6	38	0.12	< 20	2	< 2	< 10	35	< 10	16	20

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179264	0.31	0.059	0.036	0.17	< 2	2	8	0.07	< 20	< 1	< 2	< 10	7	< 10	10	25
179265	1.21	0.065	0.051	0.65	< 2	7	53	0.48	< 20	4	< 2	< 10	87	< 10	10	7
179266	1.18	0.039	0.194	1.34	< 2	6	73	0.34	< 20	3	< 2	< 10	113	< 10	14	5
179267	2.88	0.041	0.017	0.09	< 2	11	47	0.34	< 20	2	< 2	< 10	152	< 10	7	2
179268	3.30	0.032	0.019	0.10	3	15	36	0.33	< 20	3	< 2	< 10	167	< 10	7	3
179269	1.97	0.044	0.018	0.09	< 2	7	37	0.28	< 20	3	< 2	< 10	106	< 10	6	4
179270	5.54	0.023	0.027	0.02	4	15	75	< 0.01	< 20	< 1	< 2	< 10	106	< 10	2	3
179271	4.12	0.034	0.021	0.06	3	16	184	0.31	< 20	1	4	< 10	182	< 10	7	4
179272	4.18	0.031	0.020	0.12	< 2	17	150	0.29	< 20	2	< 2	< 10	183	< 10	8	4
179273	1.58	0.036	0.031	0.16	< 2	12	40	0.37	< 20	4	< 2	< 10	127	< 10	13	3
179274	2.64	0.021	0.025	0.21	3	8	45	0.38	< 20	< 1	< 2	< 10	152	< 10	5	4
179275	2.07	0.044	0.027	0.04	3	15	27	0.52	< 20	3	< 2	< 10	207	< 10	7	6
179276	1.79	0.035	0.050	0.16	< 2	26	46	0.51	< 20	3	< 2	< 10	261	< 10	20	4
179277	2.37	0.036	0.040	0.12	3	32	58	0.02	< 20	< 1	< 2	< 10	262	< 10	2	3
179278	1.85	0.021	0.025	0.25	2	11	86	0.40	< 20	3	< 2	< 10	137	< 10	6	7
179279	0.83	0.018	0.022	0.16	< 2	12	101	0.35	< 20	2	< 2	< 10	116	< 10	6	9
179280	2.38	0.044	0.026	0.20	< 2	15	20	0.43	< 20	3	< 2	< 10	200	< 10	7	4
179281	2.52	0.340	0.027	0.27	< 2	17	44	0.19	< 20	2	< 2	< 10	136	< 10	7	3
179282	0.52	0.091	0.043	0.08	< 2	6	50	0.21	< 20	5	< 2	< 10	75	< 10	6	16
179283	2.12	0.364	0.020	0.06	< 2	6	43	0.20	< 20	< 1	< 2	< 10	74	< 10	5	2
179284	2.57	0.175	0.023	0.07	< 2	8	28	0.20	< 20	< 1	< 2	< 10	99	< 10	7	3
179285	0.85	0.110	0.085	2.54	3	17	10	0.25	< 20	3	< 2	< 10	30	< 10	26	9
179286	1.51	0.357	0.022	0.17	< 2	8	86	0.20	< 20	< 1	< 2	< 10	95	< 10	7	3
179287	1.56	0.059	0.043	0.13	< 2	5	79	0.45	< 20	7	< 2	< 10	159	< 10	10	8
179288	0.17	0.091	0.024	0.05	< 2	5	30	0.13	< 20	< 1	< 2	< 10	4	< 10	18	24
179289	0.82	0.153	0.018	< 0.01	< 2	11	36	0.29	< 20	2	< 2	< 10	88	< 10	7	4
179290	0.22	0.078	0.007	< 0.01	< 2	3	22	0.10	< 20	2	< 2	< 10	18	< 10	14	14
179291	0.85	0.265	0.024	0.02	< 2	10	53	0.27	< 20	3	< 2	< 10	87	< 10	6	3
179292	3.24	0.022	0.028	< 0.01	3	19	50	< 0.01	< 20	< 1	< 2	< 10	158	< 10	2	3
179293	3.38	0.059	0.053	0.04	2	5	23	0.24	< 20	1	< 2	< 10	122	< 10	5	6
179294	0.77	0.123	0.030	0.08	< 2	13	39	0.41	< 20	4	< 2	< 10	115	< 10	11	5
179295	1.49	0.155	0.025	0.21	< 2	13	27	0.32	< 20	2	< 2	< 10	127	< 10	8	3
179296	1.15	0.193	0.027	0.42	< 2	15	17	0.29	< 20	3	< 2	< 10	117	< 10	10	4
179297	1.22	0.181	0.019	0.05	2	14	30	0.30	< 20	3	< 2	< 10	121	< 10	7	4
179298	0.40	0.141	0.024	0.32	< 2	11	22	0.35	< 20	6	< 2	< 10	97	< 10	8	4
179299	0.39	0.140	0.024	0.32	< 2	11	21	0.35	< 20	4	< 2	< 10	95	< 10	8	4
179300	1.30	0.046	0.057	0.21	< 2	11	19	0.24	< 20	1	< 2	< 10	130	< 10	10	5
179301	2.21	0.047	0.030	0.27	2	15	59	0.34	< 20	3	< 2	< 10	175	< 10	8	5
179302	1.74	0.044	0.030	1.16	2	18	39	< 0.01	< 20	< 1	< 2	< 10	128	< 10	1	4
179303	1.95	0.034	0.034	< 0.01	2	17	36	0.53	< 20	6	< 2	< 10	198	< 10	10	7
179304	1.18	0.275	0.056	0.13	< 2	15	17	0.26	< 20	4	< 2	< 10	162	< 10	14	6
179305	1.00	0.290	0.039	0.89	3	19	22	0.29	< 20	4	< 2	< 10	156	< 10	11	6
179306	0.88	0.260	0.028	0.26	< 2	21	17	0.36	< 20	1	< 2	< 10	164	< 10	13	6
179307	1.81	0.051	0.019	0.04	< 2	13	39	0.12	< 20	< 1	< 2	< 10	79	< 10	2	2
179308	0.51	0.055	0.025	8.07	5	6	15	0.11	< 20	4	< 2	< 10	64	< 10	3	6
179309	0.17	0.054	0.026	0.21	< 2	5	15	0.03	< 20	2	< 2	< 10	20	< 10	3	2
179310	1.01	0.097	0.023	0.97	< 2	10	29	0.32	< 20	4	< 2	< 10	95	< 10	8	3
179311	3.17	0.055	0.022	0.53	< 2	10	18	0.33	< 20	4	< 2	< 10	142	< 10	7	3
179312	1.96	0.114	0.021	0.94	3	10	24	0.34	< 20	3	< 2	< 10	123	< 10	7	4
179313	1.04	0.117	0.020	1.26	< 2	12	30	0.34	< 20	3	< 2	< 10	94	< 10	8	4
179314	1.98	0.064	0.033	0.14	2	12	46	0.32	< 20	2	< 2	< 10	118	< 10	9	4

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179315	1.03	0.113	0.019	0.55	< 2	13	31	0.34	< 20	5	< 2	< 10	141	< 10	5	3
179316	0.87	0.095	0.017	0.89	< 2	11	29	0.32	< 20	4	< 2	< 10	126	< 10	9	4

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	72	1080	2	23	100	125	7.23	250	< 10	762	0.9	3	0.13	13	79	5.76	20	2	1.24	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	73	1070	1	23	100	125	7.21	234	< 10	761	0.9	4	0.13	12	80	5.90	20	2	1.22	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	73	1080	2	24	101	127	7.21	246	< 10	757	0.9	2	0.13	13	80	5.83	20	3	1.24	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 922 (AQUA REGIA) Meas		2.4	< 0.5	2250	787	< 1	34	62	258	2.95	4		86	0.8	8	0.42	19	46	5.18	< 10		0.53	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2250	775	< 1	34	64	260	2.90	6		85	0.8	7	0.42	19	46	5.23	10		0.51	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2290	778	< 1	34	60	259	2.94	8		83	0.8	7	0.42	19	45	5.17	10		0.51	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4530	878	< 1	32	81	340	2.95	6		69	0.7	21	0.42	21	42	6.00	10		0.44	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.0	< 0.5	4600	897	< 1	33	85	345	3.01	7		71	0.7	17	0.43	21	42	6.25	< 10		0.45	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4490	878	< 1	32	84	343	2.92	8		68	0.7	21	0.42	21	42	5.99	< 10		0.44	32
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		11.2		> 10000				92	419						45		45						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua Regia) Meas		69.8	290	3630	541	13	24	> 5000	> 10000	1.79	81			0.6	3	1.68	28	30	3.34	10	4	0.42	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		70.8	289	3620	542	13	23	> 5000	> 10000	1.79	83			0.6	4	1.69	30	28	3.35	10	5	0.41	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.7	290	3590	540	13	24	> 5000	> 10000	1.77	79			0.6	< 2	1.68	30	31	3.31	10	4	0.40	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 45f (Aqua				362	171	< 1	234	10	27	7.42			145	1.1	4	0.07	36	348	14.6	30	< 1	0.12	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 45f (Aqua Regia) Meas				361	172	< 1	231	13	27	7.36			145	1.1	3	0.07	37	349	14.6	20	< 1	0.12	< 10
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 238 (Fire Assay) Meas	3180																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3140																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3150																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3150																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3060																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	522																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	520																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	524																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	524																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	516																						
Oreas E1336 (Fire Assay) Cert	510																						
179409 Orig	< 5																						
179409 Dup	< 5																						
179410 Orig		< 0.2	< 0.5	71	860	< 1	108	< 2	76	3.79	< 2	< 10	44	< 0.5	< 2	2.56	58	139	5.66	10	1	0.09	< 10
179410 Dup		< 0.2	< 0.5	72	877	< 1	109	< 2	78	3.84	< 2	< 10	45	< 0.5	< 2	2.57	59	141	5.87	10	2	0.09	< 10
179419 Orig	< 5																						
179419 Dup	< 5																						
179423 Orig	5																						
179423 Dup	5																						
179424 Orig		0.2	< 0.5	431	624	< 1	67	< 2	53	2.87	< 2	< 10	27	< 0.5	< 2	2.46	27	106	4.75	< 10	3	0.04	< 10
179424 Dup		0.2	< 0.5	427	616	< 1	65	< 2	52	2.82	< 2	< 10	25	< 0.5	< 2	2.42	27	104	4.65	< 10	1	0.04	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179437 Orig		< 0.2	< 0.5	11	1370	1	85	< 2	68	2.75	< 2	< 10	71	< 0.5	2	2.53	40	121	6.36	< 10	2	0.29	< 10
179437 Dup		< 0.2	< 0.5	11	1390	1	88	< 2	69	2.78	< 2	< 10	71	< 0.5	3	2.55	40	123	6.40	< 10	1	0.28	< 10
179444 Orig	96																						
179444 Dup	92																						
179450 Orig	< 5	< 0.2	< 0.5	200	589	2	34	2	19	1.98	< 2	< 10	17	< 0.5	< 2	2.26	31	66	4.29	< 10	< 1	0.04	< 10
179450 Split PREP DUP	< 5	< 0.2	< 0.5	204	573	1	34	< 2	19	1.96	< 2	< 10	15	< 0.5	< 2	2.22	30	65	4.23	< 10	1	0.04	< 10
179451 Orig		0.3	< 0.5	402	1320	< 1	24	< 2	44	3.19	< 2	< 10	40	< 0.5	3	1.25	47	23	10.8	10	2	0.10	< 10
179451 Dup		0.3	0.5	405	1320	< 1	23	< 2	45	3.22	2	< 10	40	< 0.5	3	1.26	46	24	10.9	10	1	0.10	< 10
179453 Orig	< 5																						
179453 Dup	< 5																						
179457 Orig	< 5																						
179457 Dup	6																						
179466 Orig		< 0.2	< 0.5	158	547	7	67	< 2	48	2.67	< 2	< 10	20	< 0.5	< 2	2.73	25	107	4.82	< 10	1	0.13	< 10
179466 Dup		< 0.2	< 0.5	155	540	6	67	< 2	47	2.62	< 2	< 10	20	< 0.5	< 2	2.70	24	106	4.73	< 10	< 1	0.13	< 10
179179 Orig	52																						
179179 Dup	51																						
179181 Orig		0.7	< 0.5	1090	434	< 1	105	6	53	3.23	3	< 10	12	< 0.5	< 2	2.14	44	125	6.31	< 10	2	0.02	< 10
179181 Dup		0.7	< 0.5	1070	425	< 1	104	< 2	53	3.18	< 2	< 10	12	< 0.5	< 2	2.09	43	122	6.20	< 10	< 1	0.02	< 10
179189 Orig	< 5																						
179189 Dup	6																						
179194 Orig	5																						
179194 Dup	6																						
179195 Orig		< 0.2	< 0.5	167	348	2	14	3	62	1.40	< 2	< 10	38	< 0.5	< 2	0.75	22	24	3.62	< 10	< 1	0.10	16
179195 Dup		< 0.2	< 0.5	166	342	1	14	< 2	61	1.37	< 2	< 10	37	< 0.5	< 2	0.73	22	23	3.51	< 10	< 1	0.10	16
179261 Orig	< 5	< 0.2	< 0.5	12	288	2	14	3	28	1.35	< 2	< 10	86	< 0.5	< 2	1.19	13	13	3.99	< 10	< 1	0.13	30
179261 Split PREP DUP	< 5	< 0.2	< 0.5	12	282	2	13	3	27	1.31	< 2	< 10	84	< 0.5	< 2	1.16	14	12	3.88	< 10	< 1	0.12	29
179267 Orig		< 0.2	< 0.5	153	1160	< 1	128	< 2	68	3.70	< 2	< 10	17	< 0.5	< 2	4.33	39	175	6.83	< 10	2	0.02	< 10
179267 Dup		< 0.2	< 0.5	154	1170	< 1	127	< 2	66	3.74	< 2	< 10	16	< 0.5	< 2	4.35	39	176	6.93	< 10	3	0.02	< 10
179273 Orig	< 5																						
179273 Dup	< 5																						
179283 Orig	< 5																						
179283 Dup	< 5																						
179287 Orig	< 5																						
179287 Dup	< 5																						
179290 Orig		< 0.2	< 0.5	33	205	< 1	11	< 2	17	0.91	< 2	< 10	19	< 0.5	< 2	0.98	4	23	1.16	< 10	< 1	0.04	15
179290 Dup		< 0.2	< 0.5	35	207	< 1	11	2	18	0.93	2	< 10	19	< 0.5	< 2	0.99	4	23	1.16	< 10	< 1	0.04	15
179304 Orig		< 0.2	< 0.5	84	623	< 1	11	< 2	52	2.14	< 2	< 10	16	< 0.5	3	2.08	22	8	5.31	< 10	1	0.06	< 10
179304 Dup		< 0.2	< 0.5	88	641	< 1	11	< 2	53	2.17	< 2	< 10	16	< 0.5	3	2.09	22	9	5.58	< 10	< 1	0.07	< 10
179308 Orig	236																						
179308 Dup	270																						
179311 Orig	45	< 0.2	< 0.5	217	979	< 1	118	< 2	91	3.84	< 2	< 10	23	< 0.5	5	2.68	38	153	7.08	< 10	2	0.06	< 10
179311 Split PREP DUP	< 5	< 0.2	< 0.5	209	961	< 1	118	< 2	88	3.73	< 2	< 10	23	< 0.5	< 2	2.65	36	151	6.91	< 10	2	0.06	< 10
179316 Orig		< 0.2	< 0.5	392	652	< 1	143	< 2	36	1.98	< 2	< 10	67	< 0.5	< 2	1.89	69	134	4.77	< 10	< 1	0.19	< 10
179316 Dup		< 0.2	< 0.5	370	627	< 1	137	< 2	34	1.89	< 2	< 10	64	< 0.5	< 2	1.81	69	128	4.55	< 10	1	0.19	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
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Method Blank	< 5																						

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.41	0.141	0.034	0.01	3	20	30		< 20	< 1	< 2	< 10	176	< 10	4	9
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.134	0.034	0.01	5	20	30		< 20	< 1	< 2	< 10	172	< 10	5	7
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.41	0.139	0.034	0.01	4	19	30		< 20	< 1	< 2	< 10	178	< 10	4	9
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 922 (AQUA REGIA) Meas	1.36	0.036	0.064	0.38	3	4	17		< 20		< 2	< 10	38	< 10	20	31
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.38	0.037	0.062	0.38	3	4	18		< 20		< 2	< 10	37	< 10	20	26
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	1.38	0.037	0.063	0.38	< 2	4	17		< 20		< 2	< 10	37	< 10	20	28
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.47		0.060	0.69	2	4	15		< 20		< 2	< 10	36	< 10	18	33
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.49		0.061	0.71	2	4	16		< 20		< 2	< 10	37	< 10	19	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas	1.47		0.059	0.70	2	4	15		< 20		< 2	< 10	36	< 10	18	34
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas				4.18	7											
Oreas 96 (Aqua Regia) Cert				4.38	4.53											
Oreas 621 (Aqua Regia) Meas	0.44	0.173	0.033	4.52	126	3	20		< 20		< 2	< 10	13	< 10	7	67
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.173	0.034	4.57	129	3	21		< 20		< 2	< 10	13	< 10	7	67
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.44	0.175	0.033	4.75	124	2	20		< 20		< 2	< 10	13	< 10	7	66
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 45f (Aqua	0.18	0.055	0.021	0.02		28	15	0.11	< 20		< 2	< 10	210		5	16

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.18	0.053	0.021	0.02		28	16	0.11	< 20		< 2	< 10	212		5	17
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
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																
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Oreas E1336 (Fire Assay) Meas																
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Oreas E1336 (Fire Assay) Meas																
Oreas E1336 (Fire Assay) Cert																
179409 Orig																
179409 Dup																
179410 Orig	1.56	0.056	0.029	0.13	< 2	16	57	0.54	< 20	7	< 2	< 10	163	< 10	8	7
179410 Dup	1.60	0.058	0.030	0.13	< 2	16	58	0.54	< 20	5	< 2	< 10	164	< 10	8	7
179419 Orig																
179419 Dup																
179423 Orig																
179423 Dup																
179424 Orig	1.45	0.139	0.024	0.17	< 2	9	61	0.29	< 20	2	< 2	< 10	82	< 10	6	5
179424 Dup	1.43	0.136	0.023	0.16	< 2	9	60	0.28	< 20	2	< 2	< 10	79	< 10	6	5

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179437 Orig	2.34	0.036	0.021	0.45	< 2	11	26	0.09	< 20	< 1	< 2	< 10	79	< 10	2	4
179437 Dup	2.36	0.035	0.021	0.46	3	11	27	0.09	< 20	< 1	< 2	< 10	79	< 10	2	4
179444 Orig																
179444 Dup																
179450 Orig	0.59	0.134	0.039	0.69	< 2	8	38	0.24	< 20	4	< 2	< 10	63	< 10	7	8
179450 Split PREP DUP	0.58	0.130	0.039	0.74	< 2	7	38	0.23	< 20	2	< 2	< 10	61	< 10	7	8
179451 Orig	2.17	0.036	0.050	0.22	2	25	14	0.19	< 20	< 1	< 2	< 10	248	< 10	3	5
179451 Dup	2.19	0.036	0.050	0.22	5	25	14	0.17	< 20	< 1	< 2	< 10	248	< 10	3	5
179453 Orig																
179453 Dup																
179457 Orig																
179457 Dup																
179466 Orig	1.51	0.329	0.030	0.01	< 2	15	29	0.20	< 20	2	< 2	< 10	124	< 10	7	5
179466 Dup	1.51	0.324	0.029	0.01	< 2	15	29	0.20	< 20	< 1	< 2	< 10	123	< 10	7	5
179179 Orig																
179179 Dup																
179181 Orig	1.79	0.075	0.035	0.59	< 2	12	40	0.34	< 20	1	< 2	< 10	122	< 10	9	6
179181 Dup	1.76	0.074	0.034	0.58	< 2	11	40	0.32	< 20	3	< 2	< 10	119	< 10	8	6
179189 Orig																
179189 Dup																
179194 Orig																
179194 Dup																
179195 Orig	0.84	0.116	0.065	0.53	< 2	7	34	0.23	< 20	3	< 2	< 10	46	< 10	13	17
179195 Dup	0.82	0.112	0.064	0.52	< 2	6	31	0.23	< 20	5	< 2	< 10	45	< 10	12	22
179261 Orig	0.77	0.080	0.070	0.03	< 2	5	143	0.16	< 20	2	< 2	< 10	17	< 10	16	6
179261 Split PREP DUP	0.75	0.077	0.068	0.03	< 2	4	139	0.15	< 20	3	< 2	< 10	17	< 10	15	6
179267 Orig	2.87	0.041	0.017	0.09	3	10	45	0.34	< 20	2	< 2	< 10	151	< 10	7	2
179267 Dup	2.90	0.041	0.017	0.09	< 2	11	48	0.35	< 20	2	< 2	< 10	153	< 10	7	3
179273 Orig																
179273 Dup																
179283 Orig																
179283 Dup																
179287 Orig																
179287 Dup																
179290 Orig	0.22	0.078	0.007	< 0.01	< 2	3	21	0.09	< 20	2	< 2	< 10	18	< 10	14	14
179290 Dup	0.22	0.078	0.007	< 0.01	< 2	3	22	0.10	< 20	2	< 2	< 10	18	< 10	14	14
179304 Orig	1.16	0.275	0.055	0.13	< 2	15	17	0.26	< 20	4	< 2	< 10	161	< 10	14	6
179304 Dup	1.19	0.275	0.057	0.13	< 2	15	17	0.26	< 20	4	< 2	< 10	164	< 10	15	6
179308 Orig																
179308 Dup																
179311 Orig	3.17	0.055	0.022	0.53	< 2	10	18	0.33	< 20	4	< 2	< 10	142	< 10	7	3
179311 Split PREP DUP	3.07	0.054	0.021	0.52	< 2	10	19	0.32	< 20	3	< 2	< 10	140	< 10	7	3
179316 Orig	0.88	0.098	0.018	0.90	< 2	11	30	0.32	< 20	2	< 2	< 10	129	< 10	9	4
179316 Dup	0.85	0.092	0.017	0.87	3	11	29	0.32	< 20	6	< 2	< 10	123	< 10	8	4
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																
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Method Blank																

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-06791-8AR**
Report Date: **24-Jul-20**
Date Submitted: **29-Jun-20**
Your Reference: **Cameron Lake East**

Clark Exploration Consulting Inc.
941 Cobalt cres
Thunder Bay ON P7B5Z4
Canada

ATTN: Brent Clark

CERTIFICATE OF ANALYSIS

155 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-AR Tbay	QOP Assay (Code 8-Assays)	2020-07-24 08:58:19

REPORT **A20-06791-8AR**

Notes:

CERTIFIED BY:

Emmanuel Eseme , 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

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	ICP-OES
179266	1.36
179308	4.51

Analyte Symbol	Cu
Unit Symbol	%
Lower Limit	0.001
Method Code	ICP-OES
MP-1b Meas	3.01
MP-1b Cert	3.07
OREAS 98 (4 Acid) Meas	14.8
OREAS 98 (4 Acid) Cert	14.8
CZN-4 Meas	0.415
CZN-4 Cert	0.403
CCU-1e Meas	22.9
CCU-1e Cert	22.9
OREAS 96 (4 Acid) Meas	4.02
OREAS 96 (4 Acid) Cert	3.93
Method Blank	< 0.001

Quality Analysis ... *Innovative Technologies*

Report No.: **A20-05886**
Report Date: **10-Jul-20**
Date Submitted: **08-Jun-20**
Your Reference: **Cameron Lake East**

Clark Exploration Consulting Inc.
941 Cobalt cres
Thunder Bay ON P7B5Z4
Canada

ATTN: Brent Clark

CERTIFICATE OF ANALYSIS

231 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2020-06-19 17:43:50
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2020-06-22 17:21:12

REPORT **A20-05886**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , 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

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179001	< 0.2	< 0.5	41	362	< 1	101	3	57	1.75	4	< 10	70	< 0.5	< 2	0.60	19	69	2.78	< 10	< 1	0.12	21	0.92
179002	< 0.2	< 0.5	37	272	< 1	67	3	30	1.90	< 2	< 10	54	< 0.5	< 2	0.40	16	69	2.72	< 10	< 1	0.08	14	0.73
179003	< 0.2	< 0.5	36	171	< 1	59	3	44	2.31	< 2	< 10	51	< 0.5	< 2	0.27	13	52	2.05	< 10	< 1	0.05	16	0.56
179004	< 0.2	< 0.5	7	120	< 1	34	< 2	18	0.84	< 2	< 10	27	< 0.5	< 2	0.37	6	33	1.22	< 10	< 1	0.05	10	0.36
179005	< 0.2	< 0.5	63	413	< 1	56	10	97	4.40	4	19	195	1.2	< 2	0.58	22	85	4.94	10	2	0.62	27	1.57
179006	0.2	< 0.5	74	617	< 1	52	9	93	4.32	2	13	208	1.1	< 2	0.51	22	81	5.08	10	2	0.56	22	1.87
179007	< 0.2	< 0.5	73	630	< 1	60	11	88	4.78	3	< 10	247	1.0	< 2	0.67	23	91	5.74	10	2	0.57	22	2.12
179008	< 0.2	< 0.5	72	503	< 1	50	10	86	4.11	< 2	13	193	0.9	< 2	0.61	22	77	4.99	10	2	0.52	24	1.71
179009	< 0.2	< 0.5	44	801	< 1	53	13	89	3.31	3	20	200	1.0	< 2	1.96	18	65	4.02	10	< 1	0.52	35	1.90
179010	< 0.2	< 0.5	2	35	< 1	2	< 2	4	0.02	< 2	< 10	12	< 0.5	< 2	0.04	< 1	3	0.33	< 10	< 1	< 0.01	< 10	0.02
179011	< 0.2	< 0.5	60	831	< 1	63	12	94	3.76	5	12	242	1.0	< 2	0.99	30	76	5.61	10	1	0.50	36	1.73
179012	< 0.2	< 0.5	49	618	< 1	50	10	86	3.43	3	11	202	0.9	< 2	0.84	23	70	5.17	10	2	0.38	32	1.38
179013	< 0.2	< 0.5	72	195	< 1	51	7	69	3.76	< 2	12	223	1.1	< 2	1.09	10	63	2.72	10	< 1	0.28	52	0.87
179014	< 0.2	< 0.5	24	692	< 1	29	11	75	2.71	< 2	< 10	140	0.9	< 2	0.39	17	54	2.93	< 10	< 1	0.30	21	0.83
179015	< 0.2	< 0.5	49	582	< 1	52	9	82	3.10	4	16	181	0.9	< 2	0.69	17	69	3.88	10	< 1	0.50	38	1.38
179016	0.3	< 0.5	116	699	< 1	75	10	96	4.94	< 2	12	292	1.4	< 2	0.65	25	89	6.21	20	< 1	0.76	33	2.52
179017	< 0.2	< 0.5	53	236	< 1	34	7	49	2.73	< 2	< 10	130	0.7	< 2	0.51	14	60	3.22	< 10	< 1	0.24	39	0.79
179018	< 0.2	< 0.5	19	289	< 1	37	5	78	2.35	< 2	< 10	86	< 0.5	< 2	0.35	14	47	2.68	< 10	< 1	0.13	15	0.63
179019	< 0.2	< 0.5	40	347	< 1	41	12	85	4.03	5	15	173	1.0	< 2	0.59	16	71	4.03	10	2	0.50	23	1.06
179020	< 0.2	< 0.5	21	475	< 1	36	10	78	2.90	2	< 10	135	0.8	< 2	0.50	16	57	3.00	< 10	< 1	0.35	17	0.85
179021	< 0.2	< 0.5	20	210	< 1	30	5	46	2.21	2	< 10	65	< 0.5	< 2	0.40	10	45	2.60	< 10	< 1	0.13	13	0.58
179022	< 0.2	< 0.5	31	174	< 1	32	< 2	27	1.62	< 2	< 10	61	< 0.5	< 2	0.63	10	51	2.27	< 10	< 1	0.08	17	0.60
179023	< 0.2	< 0.5	21	146	< 1	63	< 2	38	1.72	< 2	< 10	68	< 0.5	< 2	0.31	11	50	2.09	< 10	< 1	0.05	10	0.48
179024	< 0.2	< 0.5	14	517	< 1	73	5	114	1.97	< 2	< 10	118	< 0.5	< 2	0.32	19	165	2.57	< 10	< 1	0.08	13	0.81
179025	< 0.2	< 0.5	95	362	< 1	63	8	85	3.79	4	12	174	1.1	< 2	0.89	18	73	4.35	10	1	0.45	38	1.35
179026	< 0.2	< 0.5	51	275	< 1	41	5	51	2.46	4	< 10	113	0.6	< 2	0.72	13	70	3.63	< 10	< 1	0.30	28	0.85
179027	< 0.2	< 0.5	10	133	< 1	16	3	21	1.04	< 2	< 10	42	< 0.5	< 2	0.35	6	27	1.28	< 10	< 1	0.10	< 10	0.45
179028	< 0.2	< 0.5	5	185	< 1	27	3	46	1.22	< 2	< 10	58	< 0.5	< 2	0.27	6	36	1.53	< 10	< 1	0.05	< 10	0.25
179029	< 0.2	< 0.5	6	175	< 1	41	2	41	1.26	< 2	< 10	44	< 0.5	< 2	0.35	9	56	1.84	< 10	< 1	0.06	< 10	0.59
179030	< 0.2	< 0.5	3	47	< 1	1	< 2	3	0.01	< 2	< 10	< 10	< 0.5	< 2	0.03	< 1	2	0.43	< 10	< 1	< 0.01	< 10	< 0.01
179031	< 0.2	< 0.5	65	326	< 1	38	4	48	2.26	< 2	< 10	85	< 0.5	< 2	0.74	15	64	3.30	< 10	< 1	0.20	20	0.87
179032	< 0.2	< 0.5	48	175	< 1	33	4	82	2.10	< 2	< 10	78	< 0.5	< 2	0.32	15	46	2.46	< 10	< 1	0.10	18	0.53
179033	< 0.2	< 0.5	73	189	< 1	33	5	66	1.99	< 2	< 10	80	< 0.5	< 2	0.34	13	44	2.24	< 10	< 1	0.11	16	0.54
179034	< 0.2	< 0.5	31	859	< 1	27	8	135	1.91	< 2	< 10	122	< 0.5	< 2	0.29	16	43	2.46	< 10	< 1	0.12	17	0.47
179035	< 0.2	< 0.5	91	1370	< 1	35	8	171	1.92	< 2	< 10	124	0.6	< 2	0.69	19	36	2.04	< 10	< 1	0.12	14	0.40
179036	< 0.2	< 0.5	40	351	< 1	39	14	74	3.65	< 2	12	151	0.9	< 2	0.49	16	66	3.73	10	< 1	0.38	22	0.99
179037	< 0.2	< 0.5	18	734	< 1	24	5	144	2.29	< 2	< 10	153	< 0.5	< 2	0.55	15	38	2.43	< 10	< 1	0.12	12	0.45
179038	< 0.2	< 0.5	18	188	< 1	18	4	32	1.37	< 2	< 10	38	< 0.5	< 2	0.41	7	32	1.67	< 10	< 1	0.06	16	0.52
179039	< 0.2	< 0.5	48	568	< 1	56	11	72	3.15	3	17	210	1.2	< 2	0.79	17	68	3.66	10	< 1	0.41	47	1.09
179040	< 0.2	< 0.5	46	508	< 1	51	9	82	3.27	5	15	197	1.1	< 2	0.82	18	64	3.76	10	< 1	0.36	50	1.21
179041	< 0.2	< 0.5	53	686	< 1	42	15	83	4.09	7	16	202	1.4	< 2	0.80	30	74	4.23	10	< 1	0.40	30	1.13
179042	< 0.2	< 0.5	43	227	< 1	30	5	61	2.82	5	< 10	78	0.5	< 2	0.45	11	54	2.82	< 10	< 1	0.13	17	0.74
179043	< 0.2	< 0.5	21	186	< 1	24	5	84	2.27	< 2	< 10	83	< 0.5	< 2	0.29	13	39	2.34	< 10	< 1	0.08	14	0.50
179044	< 0.2	< 0.5	49	216	< 1	30	4	50	2.29	2	< 10	79	< 0.5	< 2	0.38	11	47	2.50	< 10	< 1	0.09	17	0.66
179045	< 0.2	< 0.5	43	215	< 1	49	4	55	1.67	< 2	< 10	75	< 0.5	< 2	0.48	12	78	2.20	< 10	< 1	0.09	44	0.82
179046	< 0.2	< 0.5	24	208	< 1	24	6	41	2.24	4	< 10	101	< 0.5	< 2	0.47	9	49	2.48	< 10	< 1	0.16	21	0.64
179047	< 0.2	< 0.5	45	480	< 1	38	8	59	2.88	3	13	154	0.9	< 2	0.77	15	58	3.17	< 10	< 1	0.31	31	0.79
179048	< 0.2	< 0.5	54	356	< 1	34	6	64	2.79	< 2	14	125	0.8	< 2	0.75	11	56	3.12	< 10	< 1	0.34	26	0.76
179049	< 0.2	< 0.5	56	277	< 1	40	5	65	2.41	< 2	< 10	114	0.6	< 2	0.77	16	69	3.17	< 10	< 1	0.41	25	1.10
179050	< 0.2	< 0.5	1	24	< 1	1	< 2	3	0.02	< 2	< 10	< 10	< 0.5	< 2	0.05	< 1	2	0.22	< 10	< 1	< 0.01	< 10	0.02
179201	< 0.2	< 0.5	50	250	< 1	30	5	47	1.80	< 2	< 10	84	< 0.5	< 2	0.70	12	50	2.19	< 10	< 1	0.23	28	0.68

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179202	< 0.2	< 0.5	108	209	< 1	45	7	61	2.78	< 2	< 10	107	0.9	< 2	0.76	14	71	2.84	< 10	< 1	0.17	41	0.83
179203	< 0.2	< 0.5	38	306	< 1	42	4	71	2.61	< 2	< 10	96	< 0.5	< 2	0.53	17	50	3.29	< 10	< 1	0.15	15	0.86
179204	< 0.2	< 0.5	87	378	< 1	36	12	69	4.38	< 2	13	168	0.9	< 2	0.66	16	74	4.22	10	2	0.35	26	0.97
179205	< 0.2	< 0.5	36	397	< 1	17	13	182	3.16	2	< 10	116	< 0.5	< 2	0.18	9	37	3.02	10	< 1	0.13	16	0.41
179206	< 0.2	< 0.5	29	362	< 1	31	7	145	3.25	< 2	< 10	126	0.6	< 2	0.31	14	44	2.77	10	< 1	0.15	12	0.57
179207	< 0.2	< 0.5	84	178	< 1	47	5	68	3.60	< 2	< 10	120	0.7	< 2	0.33	11	49	2.93	< 10	< 1	0.20	15	0.67
179208	< 0.2	< 0.5	19	431	< 1	24	6	61	1.67	< 2	< 10	62	< 0.5	< 2	0.31	13	43	2.22	< 10	< 1	0.11	16	0.50
179209	< 0.2	< 0.5	19	176	< 1	24	4	52	2.37	< 2	< 10	60	< 0.5	< 2	0.29	11	38	2.10	< 10	< 1	0.09	15	0.52
179210	< 0.2	< 0.5	3	53	< 1	2	< 2	3	0.01	< 2	< 10	10	< 0.5	< 2	0.03	< 1	2	0.49	< 10	< 1	< 0.01	< 10	< 0.01
179211	< 0.2	< 0.5	26	228	< 1	26	4	184	1.80	< 2	< 10	62	< 0.5	< 2	0.37	16	38	2.19	< 10	< 1	0.08	15	0.61
179212	< 0.2	< 0.5	83	267	< 1	39	7	63	2.43	< 2	< 10	130	0.7	< 2	0.73	15	49	3.04	< 10	< 1	0.17	27	0.64
179213	< 0.2	< 0.5	41	205	< 1	30	4	37	1.95	< 2	< 10	74	< 0.5	< 2	0.42	12	42	2.42	< 10	< 1	0.14	18	0.53
179214	< 0.2	< 0.5	29	167	< 1	26	8	57	3.15	2	< 10	120	0.6	< 2	0.31	10	53	3.09	< 10	< 1	0.18	18	0.63
179215	< 0.2	< 0.5	30	584	< 1	27	8	65	2.47	< 2	< 10	119	0.6	< 2	0.44	18	47	2.64	< 10	< 1	0.17	19	0.69
179216	< 0.2	< 0.5	16	365	< 1	25	6	36	2.30	< 2	< 10	81	< 0.5	< 2	0.33	12	44	3.54	< 10	< 1	0.14	15	0.59
179217	< 0.2	< 0.5	58	432	< 1	30	7	99	3.97	< 2	< 10	208	0.9	< 2	0.83	11	30	5.12	20	1	0.45	93	2.40
179218	< 0.2	< 0.5	51	170	1	24	4	40	3.11	2	< 10	48	< 0.5	< 2	0.26	11	40	2.27	< 10	< 1	0.09	16	0.46
179219	< 0.2	< 0.5	15	148	< 1	21	5	73	1.65	< 2	< 10	67	< 0.5	< 2	0.26	9	31	2.03	< 10	< 1	0.08	13	0.32
179220	< 0.2	< 0.5	24	142	< 1	28	5	62	1.99	< 2	< 10	62	< 0.5	< 2	0.25	12	35	2.32	< 10	< 1	0.08	17	0.37
179221	0.6	< 0.5	116	1980	2	234	15	108	2.99	2	< 10	297	0.8	< 2	0.49	90	78	3.46	< 10	< 1	0.15	26	0.75
179222	< 0.2	< 0.5	79	232	< 1	37	5	46	2.74	< 2	< 10	93	< 0.5	< 2	0.34	14	56	2.57	< 10	< 1	0.13	17	0.74
179223	< 0.2	< 0.5	216	215	< 1	56	4	48	2.80	< 2	< 10	102	< 0.5	< 2	0.35	20	70	2.86	< 10	< 1	0.11	18	0.91
179224	< 0.2	< 0.5	78	189	< 1	39	3	42	2.61	< 2	< 10	72	< 0.5	< 2	0.29	13	46	2.28	< 10	< 1	0.07	17	0.61
179225	< 0.2	< 0.5	149	303	1	100	3	56	2.40	< 2	< 10	111	< 0.5	< 2	0.48	24	102	3.25	< 10	< 1	0.04	35	1.44
179226	0.8	< 0.5	139	2380	1	57	17	99	3.46	< 2	< 10	228	1.4	< 2	0.79	36	62	3.32	< 10	< 1	0.20	64	0.71
179227	< 0.2	< 0.5	30	1300	< 1	50	6	118	2.17	< 2	< 10	180	< 0.5	< 2	0.40	23	88	3.34	< 10	< 1	0.11	20	0.87
179228	0.2	1.5	174	3410	< 1	22	50	201	2.23	5	< 10	240	0.5	< 2	0.66	21	31	2.29	< 10	< 1	0.18	10	0.34
179229	< 0.2	< 0.5	103	260	1	60	4	56	4.15	4	< 10	67	0.6	< 2	0.33	23	78	3.74	< 10	2	0.09	11	0.91
179230	< 0.2	< 0.5	2	29	< 1	1	< 2	3	0.02	< 2	< 10	< 10	< 0.5	< 2	0.05	< 1	3	0.27	< 10	< 1	< 0.01	< 10	0.02
179231	< 0.2	< 0.5	30	365	< 1	26	6	37	1.41	< 2	< 10	51	< 0.5	< 2	0.43	14	47	1.95	< 10	< 1	0.08	14	0.62
179232	0.3	0.8	16	3750	< 1	14	29	70	0.94	4	< 10	393	< 0.5	< 2	1.71	24	18	1.04	< 10	< 1	0.14	11	0.22
179233	< 0.2	< 0.5	14	727	< 1	19	12	124	1.50	< 2	< 10	208	< 0.5	< 2	0.70	12	48	1.65	< 10	< 1	0.12	13	0.31
179234	< 0.2	< 0.5	11	912	< 1	17	7	77	1.31	< 2	< 10	121	< 0.5	< 2	0.37	13	31	1.55	< 10	< 1	0.07	15	0.39
179235	0.2	< 0.5	5	239	< 1	12	4	63	1.15	< 2	< 10	85	< 0.5	< 2	0.25	8	22	1.00	< 10	< 1	0.07	14	0.29
179236	< 0.2	< 0.5	39	314	< 1	29	5	47	1.86	< 2	< 10	80	< 0.5	< 2	0.50	13	47	2.36	< 10	< 1	0.13	19	0.67
179237	< 0.2	< 0.5	45	175	< 1	29	7	93	3.87	< 2	< 10	102	0.7	< 2	0.21	12	41	3.02	< 10	< 1	0.10	14	0.47
179238	< 0.2	< 0.5	74	195	< 1	28	4	37	1.65	< 2	< 10	68	< 0.5	< 2	0.64	9	50	2.34	< 10	< 1	0.25	22	0.60
179239	< 0.2	< 0.5	42	234	< 1	30	5	50	2.48	< 2	< 10	149	0.7	< 2	0.70	10	49	2.68	< 10	< 1	0.17	25	0.64
179240	< 0.2	< 0.5	46	315	< 1	34	6	56	2.84	3	< 10	172	0.7	< 2	0.81	12	55	3.03	< 10	< 1	0.21	25	0.73
179241	< 0.2	< 0.5	47	324	< 1	27	4	37	1.68	2	< 10	81	< 0.5	< 2	0.59	11	47	2.57	< 10	< 1	0.14	26	0.64
179242	< 0.2	< 0.5	100	353	< 1	27	42	64	2.23	6	< 10	236	1.7	4	0.52	31	22	2.02	< 10	< 1	0.11	32	0.24
179243	< 0.2	< 0.5	48	540	< 1	23	15	89	2.13	< 2	< 10	132	< 0.5	< 2	0.30	15	30	2.06	< 10	< 1	0.12	15	0.39
179244	< 0.2	< 0.5	68	282	1	34	9	109	3.38	< 2	< 10	166	0.9	< 2	0.26	27	32	2.78	< 10	< 1	0.13	30	0.58
179245	< 0.2	< 0.5	15	192	< 1	23	7	89	2.11	< 2	< 10	99	< 0.5	< 2	0.27	10	33	2.28	< 10	< 1	0.07	13	0.42
179246	0.2	< 0.5	112	606	< 1	54	12	211	3.80	< 2	< 10	148	0.8	< 2	0.55	48	42	4.82	10	2	0.11	28	1.31
179247	0.2	< 0.5	52	267	< 1	18	13	86	2.74	< 2	< 10	170	0.7	< 2	0.28	20	25	1.87	10	< 1	0.12	24	0.31
179248	< 0.2	< 0.5	58	216	< 1	27	4	48	2.24	3	< 10	79	< 0.5	< 2	0.29	12	45	2.56	< 10	< 1	0.10	21	0.57
179249	< 0.2	< 0.5	13	816	< 1	18	5	112	1.51	< 2	< 10	86	< 0.5	< 2	0.37	15	27	2.02	< 10	< 1	0.10	14	0.33
179250	< 0.2	< 0.5	2	32	< 1	1	< 2	2	0.02	< 2	< 10	10	< 0.5	< 2	0.04	< 1	3	0.30	< 10	< 1	< 0.01	< 10	0.01
179251	< 0.2	< 0.5	64	193	< 1	27	4	58	2.65	< 2	< 10	76	0.5	< 2	0.31	13	40	2.31	< 10	< 1	0.07	16	0.61
179252	< 0.2	< 0.5	25	175	< 1	25	5	107	2.66	3	< 10	90	0.5	< 2	0.28	11	39	2.46	< 10	< 1	0.09	15	0.47

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179253	< 0.2	< 0.5	29	299	< 1	16	6	201	1.83	< 2	< 10	85	< 0.5	< 2	0.29	10	33	1.78	< 10	< 1	0.09	16	0.45
179254	< 0.2	< 0.5	121	520	< 1	64	9	79	5.51	3	11	261	1.1	2	0.81	25	90	6.20	20	1	0.56	21	2.02
179255	< 0.2	< 0.5	37	565	< 1	33	8	52	2.44	3	12	124	0.8	< 2	0.60	15	52	2.98	< 10	< 1	0.27	31	0.78
179256	< 0.2	< 0.5	38	158	< 1	22	3	36	1.38	< 2	< 10	46	< 0.5	< 2	0.35	8	33	1.75	< 10	< 1	0.09	13	0.44
179257	< 0.2	< 0.5	127	435	< 1	30	6	63	2.58	< 2	< 10	132	0.7	< 2	0.74	12	42	3.16	< 10	< 1	0.32	29	0.73
179258	< 0.2	< 0.5	28	300	< 1	26	4	45	1.72	< 2	< 10	60	< 0.5	< 2	0.57	14	42	2.25	< 10	< 1	0.12	13	0.73
179259	< 0.2	< 0.5	24	241	< 1	25	4	59	1.86	< 2	< 10	77	< 0.5	< 2	0.41	11	38	2.06	< 10	< 1	0.08	14	0.58
179051	< 0.2	< 0.5	31	318	< 1	48	3	63	2.40	3	< 10	158	0.8	< 2	0.83	23	92	4.77	< 10	2	0.41	30	1.76
179052	< 0.2	< 0.5	25	199	< 1	54	6	52	2.87	< 2	< 10	92	0.6	< 2	0.69	14	62	2.83	< 10	< 1	0.21	21	0.98
179053	< 0.2	< 0.5	23	195	< 1	29	6	45	1.95	< 2	< 10	64	< 0.5	< 2	0.46	13	47	2.37	< 10	< 1	0.16	16	0.67
179054	< 0.2	< 0.5	31	236	< 1	45	4	93	1.94	< 2	< 10	82	< 0.5	< 2	0.39	14	50	2.71	< 10	< 1	0.11	13	0.64
179055	< 0.2	< 0.5	37	333	< 1	43	6	49	2.77	< 2	10	140	0.8	< 2	0.66	14	58	3.29	< 10	< 1	0.36	31	0.97
179056	< 0.2	< 0.5	50	238	< 1	56	8	65	2.92	< 2	12	164	0.8	< 2	0.73	15	62	3.26	< 10	< 1	0.50	29	1.17
179057	< 0.2	0.9	78	207	5	72	6	88	1.96	5	13	69	0.6	< 2	1.61	14	49	2.14	< 10	< 1	0.22	22	0.86
179058	< 0.2	0.6	51	182	< 1	95	6	85	3.10	< 2	< 10	220	0.7	< 2	0.91	16	110	3.18	10	< 1	0.24	28	1.20
179059	< 0.2	< 0.5	51	318	< 1	51	11	76	3.05	< 2	14	169	0.9	< 2	0.97	19	64	3.91	10	< 1	0.41	38	0.93
179060	< 0.2	< 0.5	51	241	< 1	82	3	37	2.91	< 2	< 10	91	< 0.5	< 2	0.66	20	57	3.15	< 10	< 1	0.12	13	1.02
179061	< 0.2	< 0.5	7	214	< 1	15	5	64	1.20	< 2	< 10	77	< 0.5	< 2	0.31	6	29	1.51	< 10	< 1	0.10	14	0.38
179062	< 0.2	< 0.5	15	267	< 1	28	4	66	1.52	< 2	< 10	68	< 0.5	< 2	0.45	12	36	2.06	< 10	< 1	0.11	12	0.63
179063	0.3	< 0.5	90	706	< 1	56	10	204	4.09	4	< 10	145	0.8	< 2	0.29	17	76	4.20	10	2	0.18	14	0.82
179064	< 0.2	< 0.5	41	1180	< 1	34	12	196	3.14	< 2	< 10	164	0.6	< 2	0.32	21	40	3.01	10	< 1	0.14	13	0.59
179065	< 0.2	< 0.5	2	33	< 1	2	< 2	6	0.03	< 2	< 10	< 10	< 0.5	< 2	0.05	< 1	3	0.32	< 10	< 1	< 0.01	< 10	0.02
179066	0.2	< 0.5	26	391	< 1	37	7	125	1.81	< 2	< 10	82	< 0.5	< 2	0.31	13	53	2.09	< 10	< 1	0.10	13	0.42
179067	< 0.2	< 0.5	18	1060	< 1	267	10	239	2.34	< 2	< 10	93	< 0.5	< 2	0.57	43	173	4.26	< 10	< 1	0.10	21	2.70
179068	< 0.2	< 0.5	73	1370	< 1	75	9	280	2.48	< 2	< 10	126	0.6	< 2	0.43	33	47	2.58	< 10	< 1	0.13	14	0.52
179069	< 0.2	< 0.5	14	421	< 1	54	4	185	1.99	< 2	< 10	126	< 0.5	< 2	0.29	17	60	2.46	< 10	< 1	0.12	11	0.55
179070	< 0.2	< 0.5	43	847	< 1	65	9	200	2.66	< 2	< 10	179	< 0.5	< 2	0.50	34	69	3.96	< 10	< 1	0.18	20	0.77
179071	< 0.2	< 0.5	39	711	< 1	60	8	213	2.72	< 2	< 10	156	< 0.5	< 2	0.46	34	70	4.21	< 10	< 1	0.19	20	0.75
179072	< 0.2	< 0.5	9	244	< 1	22	4	35	1.43	< 2	< 10	78	< 0.5	< 2	0.39	7	38	1.90	< 10	< 1	0.19	11	0.50
179073	< 0.2	< 0.5	29	389	< 1	36	6	51	2.29	< 2	< 10	117	< 0.5	< 2	0.59	15	57	2.79	< 10	< 1	0.19	12	0.83
179074	< 0.2	< 0.5	22	40	2	8	< 2	6	0.18	< 2	< 10	56	< 0.5	< 2	2.97	< 1	3	0.38	< 10	< 1	0.02	< 10	0.13
179075	< 0.2	< 0.5	27	141	< 1	19	12	99	2.70	< 2	< 10	139	< 0.5	< 2	0.22	6	40	1.96	10	< 1	0.08	13	0.39
179076	< 0.2	< 0.5	45	1240	< 1	20	8	173	1.96	< 2	< 10	158	< 0.5	< 2	0.32	17	36	1.77	< 10	< 1	0.09	14	0.41
179077	0.2	0.6	45	2460	< 1	47	10	183	2.52	< 2	< 10	221	< 0.5	< 2	0.36	31	57	2.84	< 10	< 1	0.13	14	0.61
179078	< 0.2	< 0.5	19	579	< 1	47	5	72	1.92	< 2	< 10	78	< 0.5	< 2	0.63	19	67	2.86	< 10	< 1	0.09	< 10	1.04
179079	< 0.2	< 0.5	13	372	< 1	25	6	119	1.86	< 2	< 10	107	< 0.5	< 2	0.27	11	34	1.79	< 10	< 1	0.07	13	0.35
179080	< 0.2	< 0.5	6	36	< 1	2	< 2	4	0.02	< 2	< 10	10	< 0.5	< 2	0.04	< 1	3	0.34	< 10	< 1	< 0.01	< 10	0.02
179081	< 0.2	< 0.5	12	151	< 1	33	4	62	1.31	< 2	< 10	51	< 0.5	< 2	0.31	9	44	1.77	< 10	< 1	0.06	12	0.43
179082	< 0.2	< 0.5	21	115	< 1	23	3	18	0.88	< 2	< 10	35	< 0.5	< 2	0.40	5	30	1.02	< 10	< 1	0.05	12	0.36
179083	< 0.2	< 0.5	16	187	< 1	25	2	37	1.31	< 2	< 10	46	< 0.5	< 2	0.41	8	40	1.87	< 10	< 1	0.15	12	0.55
179084	< 0.2	< 0.5	5	168	< 1	62	3	76	1.28	< 2	< 10	62	< 0.5	< 2	0.32	12	78	1.99	< 10	< 1	0.08	12	0.63
179085	< 0.2	< 0.5	11	267	< 1	23	4	78	1.46	< 2	< 10	50	< 0.5	< 2	0.44	10	38	1.96	< 10	< 1	0.07	13	0.61
179086	< 0.2	< 0.5	83	819	< 1	56	12	89	4.43	4	13	240	1.2	< 2	0.64	29	80	5.26	10	2	0.68	21	1.97
179087	< 0.2	< 0.5	78	696	< 1	58	11	99	4.60	< 2	11	221	1.0	3	0.59	28	87	5.57	10	1	0.66	17	2.21
179088	< 0.2	< 0.5	53	576	< 1	45	11	83	3.70	4	15	167	1.1	< 2	0.72	17	71	4.30	10	1	0.53	25	1.31
179089	< 0.2	< 0.5	124	248	< 1	75	7	94	4.32	< 2	< 10	291	1.2	< 2	0.90	17	73	3.85	10	< 1	0.35	58	0.95
179090	< 0.2	0.6	96	216	< 1	57	7	83	3.27	2	< 10	228	1.0	< 2	1.02	15	60	3.18	10	< 1	0.29	45	0.85
179174	< 0.2	< 0.5	12	14	1	4	< 2	11	0.15	< 2	< 10	36	< 0.5	< 2	2.11	< 1	3	0.14	< 10	< 1	0.03	< 10	0.10
179092	< 0.2	< 0.5	78	462	< 1	26	12	98	2.15	< 2	< 10	178	< 0.5	< 2	0.32	12	36	2.10	10	< 1	0.12	14	0.30
179093	< 0.2	< 0.5	74	693	< 1	57	5	82	2.05	< 2	< 10	94	< 0.5	< 2	0.45	20	52	2.53	< 10	< 1	0.11	17	0.75
179094	< 0.2	< 0.5	91	558	< 1	69	9	335	2.84	2	< 10	116	0.5	< 2	0.43	26	69	3.02	10	< 1	0.11	22	0.80

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179095	< 0.2	0.5	94	2710	1	87	13	223	4.63	3	< 10	243	1.0	< 2	1.06	32	47	3.94	10	1	0.22	37	0.72
179096	< 0.2	< 0.5	33	584	< 1	26	7	115	2.14	< 2	< 10	99	< 0.5	< 2	0.43	14	35	2.03	< 10	< 1	0.11	21	0.41
179097	< 0.2	< 0.5	27	235	< 1	31	6	71	2.48	< 2	< 10	99	0.5	< 2	0.42	13	46	2.80	< 10	< 1	0.15	15	0.82
179098	< 0.2	< 0.5	79	334	< 1	37	5	54	2.02	< 2	< 10	88	< 0.5	< 2	0.46	15	55	2.71	< 10	< 1	0.23	23	0.76
179099	< 0.2	< 0.5	64	361	< 1	29	12	201	3.22	< 2	< 10	128	0.7	< 2	0.39	13	40	2.74	10	< 1	0.15	16	0.55
179100	< 0.2	< 0.5	1	42	< 1	< 1	< 2	4	0.02	< 2	< 10	11	< 0.5	< 2	0.03	< 1	3	0.39	< 10	< 1	< 0.01	< 10	0.01
179101	< 0.2	< 0.5	28	405	< 1	23	9	93	2.33	< 2	< 10	115	< 0.5	< 2	0.44	13	38	2.28	10	< 1	0.11	16	0.47
179102	< 0.2	< 0.5	60	701	< 1	47	10	96	2.35	< 2	< 10	257	0.7	< 2	0.49	18	52	2.45	< 10	< 1	0.14	35	0.57
179103	< 0.2	< 0.5	25	581	< 1	23	5	118	2.06	< 2	< 10	95	< 0.5	< 2	0.27	12	37	2.08	< 10	< 1	0.09	14	0.48
179104	< 0.2	< 0.5	3	162	< 1	6	5	59	0.84	< 2	< 10	56	< 0.5	< 2	0.21	5	17	0.74	< 10	< 1	0.06	21	0.19
179105	< 0.2	< 0.5	14	227	< 1	27	6	71	1.72	< 2	< 10	56	< 0.5	< 2	0.22	14	63	2.18	< 10	< 1	0.11	< 10	0.69
179106	< 0.2	< 0.5	40	160	< 1	22	3	28	1.61	< 2	< 10	102	< 0.5	< 2	0.57	6	37	1.96	< 10	< 1	0.08	19	0.36
179107	< 0.2	< 0.5	88	267	< 1	77	3	65	3.41	< 2	< 10	139	0.5	< 2	0.36	21	74	3.60	< 10	< 1	0.10	11	0.83
179108	< 0.2	< 0.5	12	484	< 1	33	6	70	1.44	< 2	< 10	85	< 0.5	< 2	0.29	11	94	1.86	< 10	< 1	0.12	14	0.68
179109	0.4	< 0.5	23	530	< 1	27	8	94	1.45	< 2	< 10	164	< 0.5	< 2	0.57	13	34	1.65	< 10	< 1	0.09	14	0.42
179110	0.3	< 0.5	27	395	< 1	32	7	107	1.72	< 2	< 10	165	< 0.5	< 2	0.55	13	37	1.90	< 10	< 1	0.09	14	0.47
179111	< 0.2	< 0.5	140	318	1	18	17	60	4.25	< 2	< 10	182	0.7	< 2	0.14	5	38	2.41	10	< 1	0.08	17	0.22
179112	< 0.2	< 0.5	104	471	< 1	22	9	188	2.16	< 2	< 10	138	< 0.5	< 2	0.34	13	36	2.32	< 10	< 1	0.10	16	0.42
179113	< 0.2	< 0.5	33	173	< 1	18	6	57	1.47	< 2	< 10	87	< 0.5	< 2	0.66	9	30	1.60	< 10	< 1	0.09	16	0.39
179114	< 0.2	< 0.5	37	88	2	6	3	14	0.24	< 2	< 10	121	< 0.5	< 2	2.18	< 1	4	0.23	< 10	< 1	0.03	< 10	0.08
179115	< 0.2	< 0.5	31	487	< 1	29	5	46	2.13	< 2	< 10	113	< 0.5	< 2	0.94	11	52	2.53	< 10	< 1	0.22	22	0.60
179116	< 0.2	< 0.5	52	277	< 1	43	7	61	3.05	< 2	< 10	155	0.8	< 2	0.86	16	58	3.28	< 10	< 1	0.35	32	1.02
179117	< 0.2	< 0.5	111	3340	< 1	73	25	161	2.63	4	< 10	1220	0.6	< 2	1.06	46	96	7.72	10	1	0.15	659	1.28
179118	< 0.2	< 0.5	42	244	1	38	8	89	3.82	4	< 10	114	< 0.5	< 2	0.28	12	57	3.56	10	1	0.13	14	0.67
179119	< 0.2	< 0.5	57	235	< 1	50	8	82	2.83	< 2	< 10	84	< 0.5	< 2	0.33	15	57	3.06	< 10	< 1	0.08	15	0.61
179120	< 0.2	< 0.5	1	38	< 1	1	< 2	3	0.02	< 2	< 10	< 10	< 0.5	< 2	0.04	< 1	3	0.35	< 10	< 1	< 0.01	< 10	0.01
179121	< 0.2	< 0.5	16	154	< 1	26	3	25	1.09	< 2	< 10	35	< 0.5	< 2	0.35	7	43	1.50	< 10	< 1	0.05	14	0.46
179122	< 0.2	< 0.5	4	113	< 1	16	4	31	0.79	< 2	< 10	45	< 0.5	< 2	0.24	4	41	1.20	< 10	< 1	0.06	11	0.26
179123	< 0.2	< 0.5	22	636	< 1	80	6	40	1.82	< 2	< 10	73	< 0.5	< 2	0.50	22	81	2.42	< 10	< 1	0.10	11	0.93
179124	< 0.2	< 0.5	12	137	< 1	29	3	36	1.31	< 2	< 10	45	< 0.5	< 2	0.28	7	34	1.73	< 10	< 1	0.05	13	0.37
179125	< 0.2	< 0.5	6	278	< 1	15	5	47	1.30	< 2	< 10	68	< 0.5	< 2	0.26	6	27	1.49	< 10	< 1	0.07	13	0.31
179126	< 0.2	< 0.5	8	781	< 1	12	4	39	1.08	< 2	< 10	105	< 0.5	< 2	0.33	6	24	1.28	< 10	< 1	0.06	14	0.29
179127	< 0.2	< 0.5	117	856	< 1	50	8	268	2.80	< 2	< 10	133	0.5	< 2	0.36	28	39	2.87	10	< 1	0.11	15	0.52
179128	< 0.2	< 0.5	7	311	< 1	11	4	70	1.03	< 2	< 10	81	< 0.5	< 2	0.39	6	24	1.31	< 10	< 1	0.08	12	0.27
179129	< 0.2	< 0.5	9	142	< 1	13	7	112	1.62	2	< 10	114	< 0.5	< 2	0.25	5	28	1.94	< 10	< 1	0.08	12	0.29
179130	< 0.2	< 0.5	9	143	< 1	12	8	97	1.34	< 2	< 10	104	< 0.5	< 2	0.25	5	25	1.59	< 10	< 1	0.07	13	0.26
179131	< 0.2	< 0.5	18	246	< 1	24	6	137	2.06	< 2	< 10	85	< 0.5	< 2	0.27	12	35	2.14	< 10	< 1	0.10	12	0.44
179132	< 0.2	< 0.5	74	46	< 1	31	6	43	2.02	< 2	< 10	101	0.7	< 2	0.62	4	34	1.10	< 10	< 1	0.10	24	0.27
179133	< 0.2	< 0.5	34	157	< 1	33	7	39	2.75	2	< 10	156	0.8	< 2	0.72	10	48	2.61	10	< 1	0.15	32	0.63
179134	< 0.2	< 0.5	31	728	< 1	37	12	82	3.65	2	13	199	1.3	< 2	1.12	26	57	3.35	10	< 1	0.24	29	0.77
179135	< 0.2	< 0.5	33	331	< 1	30	9	54	2.69	2	10	134	0.6	< 2	0.54	14	51	2.98	< 10	< 1	0.27	14	0.74
179137	< 0.2	< 0.5	5	582	< 1	26	5	48	0.70	< 2	< 10	75	< 0.5	< 2	0.31	5	54	1.16	< 10	< 1	0.05	14	0.34
179138	< 0.2	< 0.5	85	287	< 1	84	4	60	2.61	3	< 10	81	< 0.5	< 2	0.41	21	61	2.59	< 10	< 1	0.08	13	0.63
179139	< 0.2	< 0.5	21	222	< 1	21	4	50	1.30	< 2	< 10	55	< 0.5	< 2	0.46	8	38	1.82	< 10	< 1	0.12	18	0.51
179140	< 0.2	< 0.5	1	40	< 1	1	< 2	3	< 0.01	< 2	< 10	< 10	< 0.5	< 2	0.03	< 1	4	0.37	< 10	< 1	< 0.01	< 10	0.01
179141	0.3	< 0.5	95	527	1	26	8	139	3.25	< 2	< 10	98	0.5	< 2	0.25	18	50	4.57	10	1	0.15	13	0.69
179142	0.4	< 0.5	42	1210	< 1	42	10	90	3.33	< 2	< 10	199	1.0	< 2	0.67	30	58	3.27	10	< 1	0.32	26	0.65
179143	< 0.2	< 0.5	84	252	< 1	31	6	113	2.05	< 2	< 10	71	< 0.5	< 2	0.45	20	45	2.74	< 10	< 1	0.13	18	0.70
179144	0.3	< 0.5	35	9230	4	30	13	140	2.11	18	< 10	776	0.5	< 2	0.58	52	49	9.47	< 10	1	0.34	18	0.54
179145	< 0.2	< 0.5	73	2970	1	58	9	187	4.12	4	< 10	262	1.3	< 2	0.23	34	66	4.11	10	1	0.23	23	0.60
179146	< 0.2	< 0.5	48	401	< 1	31	7	91	2.66	< 2	< 10	124	0.6	< 2	0.29	18	45	2.71	< 10	< 1	0.16	15	0.57

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179147	< 0.2	< 0.5	8	203	< 1	16	5	58	1.19	< 2	< 10	65	< 0.5	< 2	0.34	9	26	1.35	< 10	< 1	0.08	16	0.40
179148	0.3	< 0.5	15	1240	< 1	20	8	160	2.00	< 2	< 10	192	< 0.5	< 2	0.33	24	33	1.94	< 10	< 1	0.12	17	0.37
179149	< 0.2	< 0.5	9	181	< 1	10	5	25	0.88	< 2	< 10	45	< 0.5	< 2	0.33	7	23	1.16	< 10	< 1	0.07	16	0.29
179150	< 0.2	< 0.5	9	174	< 1	11	5	26	0.90	< 2	< 10	48	< 0.5	< 2	0.34	7	23	1.15	< 10	< 1	0.07	17	0.30
179151	< 0.2	< 0.5	42	384	< 1	30	3	93	2.51	< 2	< 10	106	< 0.5	< 2	0.30	16	46	2.73	< 10	< 1	0.11	14	0.65
179152	< 0.2	< 0.5	19	1280	< 1	17	7	120	1.43	< 2	< 10	156	< 0.5	< 2	0.25	24	35	1.75	< 10	< 1	0.07	17	0.37
179153	< 0.2	< 0.5	9	139	< 1	12	3	72	0.95	< 2	< 10	55	< 0.5	< 2	0.33	6	24	1.29	< 10	< 1	0.08	16	0.31
179154	< 0.2	< 0.5	4	209	< 1	6	4	36	0.62	< 2	< 10	58	< 0.5	< 2	0.27	4	16	0.82	< 10	< 1	0.07	14	0.16
179155	< 0.2	< 0.5	15	213	< 1	15	6	144	1.46	< 2	< 10	74	< 0.5	< 2	0.26	8	32	1.90	< 10	< 1	0.10	14	0.39
179156	< 0.2	< 0.5	21	209	< 1	23	4	50	1.24	< 2	< 10	65	< 0.5	< 2	0.41	9	38	2.01	< 10	< 1	0.11	13	0.49
179157	< 0.2	< 0.5	11	164	< 1	13	4	30	0.94	< 2	< 10	45	< 0.5	< 2	0.32	6	24	1.25	< 10	< 1	0.09	15	0.36
179158	< 0.2	< 0.5	8	148	< 1	10	4	73	0.96	< 2	< 10	47	< 0.5	< 2	0.27	7	21	1.02	< 10	< 1	0.07	14	0.27
179159	< 0.2	< 0.5	9	177	< 1	13	6	65	1.06	< 2	< 10	73	< 0.5	< 2	0.30	7	28	1.33	< 10	< 1	0.17	17	0.35
179160	< 0.2	< 0.5	8	178	< 1	12	5	57	0.97	< 2	< 10	65	< 0.5	< 2	0.32	6	26	1.31	< 10	< 1	0.19	20	0.34
179161	< 0.2	< 0.5	9	132	< 1	12	7	64	1.07	< 2	< 10	72	< 0.5	< 2	0.49	6	23	1.19	< 10	< 1	0.09	11	0.30
179162	< 0.2	< 0.5	15	216	< 1	23	8	86	1.58	< 2	< 10	62	< 0.5	< 2	0.36	9	40	1.97	< 10	< 1	0.09	14	0.52
179163	< 0.2	< 0.5	28	272	< 1	24	5	42	1.63	< 2	< 10	69	< 0.5	< 2	0.45	10	38	1.98	< 10	< 1	0.16	14	0.59
179164	< 0.2	< 0.5	21	154	< 1	24	6	114	2.05	< 2	< 10	62	< 0.5	< 2	0.35	11	36	2.10	< 10	< 1	0.08	13	0.45
179165	< 0.2	< 0.5	95	225	< 1	30	3	66	1.60	< 2	< 10	56	< 0.5	< 2	0.49	13	42	1.93	< 10	< 1	0.12	19	0.65
179166	< 0.2	< 0.5	35	628	< 1	27	10	59	1.81	< 2	< 10	102	< 0.5	< 2	0.69	16	37	2.09	< 10	< 1	0.10	14	0.59
179167	< 0.2	< 0.5	14	235	< 1	20	5	36	1.32	< 2	< 10	61	< 0.5	< 2	0.43	8	30	1.68	< 10	< 1	0.10	15	0.44
179168	< 0.2	< 0.5	9	27	1	3	5	12	0.20	< 2	< 10	69	< 0.5	< 2	2.29	< 1	4	0.20	< 10	< 1	0.02	< 10	0.10
179169	< 0.2	< 0.5	32	207	< 1	32	3	36	1.92	< 2	< 10	69	< 0.5	< 2	0.71	14	51	2.66	< 10	< 1	0.09	16	0.65
179170	< 0.2	< 0.5	2	51	< 1	2	< 2	2	0.01	< 2	< 10	12	< 0.5	< 2	0.03	< 1	5	0.48	< 10	< 1	< 0.01	< 10	0.01
179171	0.2	< 0.5	34	276	< 1	36	8	62	3.25	< 2	12	163	0.9	< 2	0.93	15	58	3.13	10	< 1	0.32	30	0.77
179172	< 0.2	< 0.5	60	236	< 1	35	5	81	2.28	< 2	< 10	82	0.6	< 2	0.39	13	50	2.56	< 10	< 1	0.13	19	0.68
179173	< 0.2	< 0.5	58	200	< 1	30	3	42	2.43	< 2	< 10	59	< 0.5	< 2	0.30	13	45	2.34	< 10	< 1	0.09	16	0.61

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179001	0.046	0.065	< 0.01	< 2	5	22	0.12	< 20	3	< 2	< 10	61	< 10	8	5	< 5
179002	0.038	0.063	< 0.01	< 2	4	18	0.10	< 20	< 1	< 2	< 10	56	< 10	5	5	< 5
179003	0.030	0.062	0.01	< 2	3	15	0.09	< 20	< 1	< 2	< 10	43	< 10	5	2	< 5
179004	0.040	0.041	< 0.01	< 2	2	17	0.08	< 20	2	< 2	< 10	34	< 10	4	2	< 5
179005	0.059	0.029	< 0.01	< 2	11	35	0.13	< 20	2	< 2	< 10	107	< 10	11	14	6
179006	0.067	0.022	0.01	2	11	37	0.17	< 20	2	< 2	< 10	103	< 10	7	13	5
179007	0.078	0.019	0.01	< 2	12	37	0.21	< 20	< 1	< 2	< 10	100	< 10	7	15	10
179008	0.076	0.030	< 0.01	< 2	11	38	0.15	< 20	< 1	< 2	< 10	95	< 10	8	12	5
179009	0.080	0.053	< 0.01	< 2	9	50	0.11	< 20	2	< 2	< 10	98	< 10	13	16	< 5
179010	0.017	0.001	0.02	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179011	0.092	0.064	< 0.01	< 2	10	41	0.14	< 20	< 1	< 2	< 10	94	< 10	13	12	< 5
179012	0.068	0.065	0.01	< 2	9	39	0.12	< 20	< 1	< 2	< 10	87	< 10	13	12	< 5
179013	0.049	0.088	0.16	< 2	9	48	0.07	< 20	< 1	< 2	16	67	< 10	23	12	< 5
179014	0.041	0.031	< 0.01	< 2	6	39	0.10	< 20	2	< 2	< 10	77	< 10	6	3	< 5
179015	0.098	0.051	< 0.01	3	9	48	0.13	< 20	< 1	< 2	< 10	94	< 10	15	14	< 5
179016	0.109	0.023	< 0.01	2	13	39	0.17	< 20	1	< 2	< 10	96	< 10	15	19	< 5
179017	0.051	0.040	< 0.01	2	8	45	0.13	< 20	2	< 2	< 10	81	< 10	13	14	< 5
179018	0.037	0.115	0.02	< 2	4	17	0.10	< 20	< 1	< 2	< 10	58	< 10	5	3	5
179019	0.046	0.020	< 0.01	3	10	47	0.10	< 20	< 1	< 2	< 10	108	< 10	6	14	< 5
179020	0.039	0.022	< 0.01	< 2	7	42	0.12	< 20	< 1	< 2	< 10	78	< 10	5	7	< 5
179021	0.034	0.119	0.02	< 2	4	20	0.09	< 20	< 1	< 2	< 10	61	< 10	5	3	< 5
179022	0.058	0.058	< 0.01	< 2	5	29	0.12	< 20	2	< 2	< 10	54	< 10	6	6	< 5
179023	0.034	0.032	0.01	< 2	3	16	0.10	< 20	< 1	< 2	< 10	44	< 10	3	2	< 5
179024	0.036	0.050	0.02	< 2	3	17	0.09	< 20	< 1	< 2	< 10	51	< 10	3	< 1	10
179025	0.058	0.033	0.01	< 2	11	34	0.14	< 20	2	< 2	< 10	88	< 10	17	21	< 5
179026	0.060	0.049	< 0.01	< 2	7	33	0.12	< 20	3	< 2	< 10	89	< 10	12	12	< 5
179027	0.037	0.031	< 0.01	< 2	3	18	0.10	< 20	2	< 2	< 10	35	< 10	4	5	< 5
179028	0.032	0.087	< 0.01	< 2	2	18	0.06	< 20	< 1	< 2	< 10	43	< 10	3	< 1	5
179029	0.052	0.089	< 0.01	< 2	3	19	0.07	< 20	1	< 2	< 10	36	< 10	3	1	< 5
179030	0.014	0.002	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179031	0.057	0.053	< 0.01	< 2	8	27	0.14	< 20	< 1	< 2	< 10	76	< 10	8	8	6
179032	0.031	0.040	0.01	< 2	3	16	0.12	< 20	3	< 2	< 10	56	< 10	5	3	< 5
179033	0.035	0.093	0.01	< 2	4	16	0.11	< 20	< 1	< 2	< 10	55	< 10	5	3	< 5
179034	0.038	0.197	0.01	< 2	3	16	0.07	< 20	< 1	< 2	< 10	61	< 10	4	1	34
179035	0.037	0.058	0.02	< 2	3	23	0.07	< 20	< 1	< 2	< 10	50	< 10	5	< 1	< 5
179036	0.041	0.036	< 0.01	< 2	8	49	0.11	< 20	2	< 2	< 10	92	< 10	5	11	7
179037	0.039	0.105	0.02	3	4	28	0.09	< 20	< 1	< 2	< 10	53	< 10	4	1	8
179038	0.031	0.039	< 0.01	< 2	4	22	0.13	< 20	1	< 2	< 10	44	< 10	6	6	5
179039	0.073	0.049	< 0.01	2	9	57	0.12	< 20	< 1	< 2	< 10	103	< 10	20	18	10
179040	0.063	0.055	< 0.01	3	9	55	0.15	< 20	2	< 2	< 10	99	< 10	20	15	8
179041	0.063	0.021	0.01	< 2	11	48	0.09	< 20	< 1	< 2	< 10	121	< 10	9	17	7
179042	0.038	0.020	0.01	< 2	5	32	0.14	< 20	< 1	< 2	< 10	70	< 10	5	9	8
179043	0.030	0.037	0.01	< 2	3	18	0.11	< 20	2	< 2	< 10	53	< 10	4	2	11
179044	0.037	0.055	0.01	< 2	4	20	0.11	< 20	2	< 2	< 10	59	< 10	6	3	10
179045	0.041	0.053	< 0.01	< 2	4	21	0.12	< 20	2	< 2	< 10	56	< 10	6	3	10
179046	0.040	0.022	< 0.01	< 2	6	30	0.12	< 20	< 1	< 2	< 10	63	< 10	6	11	8
179047	0.048	0.041	< 0.01	< 2	8	41	0.11	< 20	2	< 2	< 10	81	< 10	12	13	9
179048	0.046	0.041	< 0.01	< 2	7	33	0.10	< 20	2	< 2	< 10	75	< 10	11	11	7
179049	0.054	0.049	< 0.01	< 2	8	28	0.15	< 20	2	< 2	< 10	70	< 10	11	14	6
179050	0.016	0.002	0.02	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179201	0.048	0.046	< 0.01	< 2	6	29	0.13	< 20	3	< 2	< 10	56	< 10	12	10	8

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179202	0.043	0.029	< 0.01	< 2	9	36	0.11	< 20	< 1	< 2	< 10	75	< 10	18	11	6
179203	0.037	0.114	0.01	< 2	5	23	0.13	< 20	< 1	< 2	< 10	69	< 10	6	3	6
179204	0.044	0.015	< 0.01	< 2	10	41	0.11	< 20	< 1	< 2	< 10	105	< 10	7	16	9
179205	0.030	0.175	0.02	< 2	4	13	0.07	< 20	< 1	< 2	< 10	72	< 10	3	1	8
179206	0.033	0.101	0.01	< 2	4	20	0.09	< 20	< 1	< 2	< 10	61	< 10	3	2	7
179207	0.034	0.044	0.02	2	5	17	0.12	< 20	2	< 2	< 10	70	< 10	5	8	6
179208	0.032	0.039	< 0.01	< 2	4	16	0.12	< 20	2	< 2	< 10	49	< 10	5	3	8
179209	0.028	0.031	< 0.01	< 2	4	17	0.12	< 20	2	< 2	< 10	47	< 10	4	4	6
179210	0.015	0.002	0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179211	0.036	0.021	0.01	< 2	4	16	0.14	< 20	< 1	< 2	< 10	54	< 10	6	3	< 5
179212	0.049	0.025	0.01	< 2	7	24	0.12	< 20	1	< 2	< 10	81	< 10	12	9	5
179213	0.040	0.057	< 0.01	< 2	4	16	0.12	< 20	< 1	< 2	< 10	61	< 10	7	4	7
179214	0.036	0.016	0.01	< 2	6	33	0.11	< 20	< 1	< 2	< 10	74	< 10	4	8	6
179215	0.039	0.030	0.01	< 2	5	33	0.10	< 20	< 1	< 2	< 10	66	< 10	6	4	9
179216	0.034	0.034	< 0.01	< 2	5	22	0.13	< 20	2	< 2	< 10	70	< 10	5	10	< 5
179217	0.049	0.179	0.04	2	5	285	0.30	< 20	3	< 2	< 10	130	< 10	14	9	8
179218	0.029	0.091	0.03	< 2	4	12	0.11	< 20	< 1	< 2	< 10	55	< 10	5	3	< 5
179219	0.029	0.094	0.01	< 2	3	16	0.09	< 20	1	< 2	< 10	53	< 10	4	1	5
179220	0.029	0.092	0.01	< 2	3	15	0.09	< 20	< 1	< 2	< 10	57	< 10	5	1	30
179221	0.050	0.071	0.02	< 2	5	30	0.08	< 20	< 1	< 2	< 10	80	< 10	6	1	33
179222	0.032	0.034	< 0.01	< 2	5	25	0.12	< 20	1	< 2	< 10	68	< 10	5	5	9
179223	0.037	0.026	< 0.01	< 2	5	22	0.14	< 20	1	< 2	< 10	76	< 10	5	8	8
179224	0.028	0.048	< 0.01	< 2	4	19	0.11	< 20	< 1	< 2	< 10	57	< 10	5	6	6
179225	0.044	0.008	0.01	< 2	7	33	0.18	< 20	2	< 2	< 10	89	< 10	6	7	19
179226	0.048	0.085	0.05	< 2	5	54	0.05	< 20	< 1	< 2	< 10	85	< 10	18	1	7
179227	0.048	0.056	0.02	< 2	5	24	0.10	< 20	1	< 2	< 10	80	< 10	4	1	9
179228	0.043	0.140	0.07	< 2	1	22	0.04	< 20	< 1	< 2	< 10	54	< 10	4	< 1	10
179229	0.029	0.092	0.03	< 2	6	20	0.11	< 20	< 1	< 2	< 10	80	< 10	4	4	8
179230	0.016	0.002	0.02	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	< 5
179231	0.033	0.029	< 0.01	< 2	4	27	0.12	< 20	< 1	< 2	< 10	55	< 10	5	3	30
179232	0.060	0.090	0.09	< 2	< 1	77	0.02	< 20	< 1	< 2	< 10	25	< 10	3	< 1	6
179233	0.049	0.064	0.03	< 2	2	37	0.06	< 20	< 1	< 2	< 10	45	< 10	4	< 1	7
179234	0.034	0.029	0.01	< 2	3	24	0.09	< 20	< 1	< 2	< 10	43	< 10	5	< 1	9
179235	0.030	0.015	< 0.01	< 2	3	19	0.09	< 20	< 1	< 2	< 10	29	< 10	4	1	12
179236	0.039	0.038	< 0.01	< 2	5	25	0.13	< 20	1	< 2	< 10	58	< 10	6	4	7
179237	0.029	0.159	0.03	< 2	4	17	0.08	< 20	< 1	< 2	< 10	61	< 10	4	4	7
179238	0.042	0.038	< 0.01	< 2	6	25	0.13	< 20	< 1	< 2	< 10	57	< 10	10	11	11
179239	0.043	0.033	0.01	< 2	7	25	0.11	< 20	2	2	< 10	65	< 10	10	11	9
179240	0.048	0.041	0.01	< 2	8	29	0.12	< 20	< 1	< 2	< 10	72	< 10	11	11	6
179241	0.040	0.056	< 0.01	< 2	6	24	0.13	< 20	< 1	< 2	< 10	61	< 10	10	9	10
179242	0.043	0.129	0.07	< 2	< 1	41	0.03	< 20	< 1	< 2	< 10	39	< 10	10	< 1	7
179243	0.033	0.089	0.04	< 2	3	18	0.06	< 20	< 1	< 2	< 10	46	< 10	4	2	14
179244	0.039	0.106	0.05	< 2	4	47	0.09	< 20	< 1	< 2	< 10	57	< 10	7	4	8
179245	0.033	0.033	0.02	< 2	3	16	0.12	< 20	< 1	< 2	< 10	56	< 10	4	3	7
179246	0.032	0.090	0.02	2	4	137	0.30	< 20	2	< 2	< 10	114	< 10	7	19	7
179247	0.035	0.045	0.02	< 2	3	18	0.06	< 20	< 1	< 2	< 10	53	< 10	5	< 1	7
179248	0.031	0.061	0.01	< 2	4	14	0.13	< 20	< 1	< 2	< 10	56	< 10	7	3	8
179249	0.062	0.040	0.01	< 2	3	23	0.10	< 20	2	< 2	< 10	92	< 10	4	< 1	13
179250	0.022	0.002	0.02	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	6
179251	0.035	0.035	0.01	< 2	4	16	0.14	< 20	2	< 2	< 10	57	< 10	5	5	8
179252	0.032	0.083	0.02	< 2	4	16	0.10	< 20	< 1	< 2	< 10	57	< 10	4	2	7

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179253	0.035	0.038	0.02	< 2	4	17	0.11	< 20	3	< 2	< 10	49	< 10	5	1	11
179254	0.062	0.017	0.01	3	13	29	0.17	< 20	2	< 2	< 10	97	< 10	5	14	6
179255	0.051	0.047	< 0.01	3	7	34	0.11	< 20	< 1	< 2	< 10	77	< 10	13	15	8
179256	0.033	0.051	< 0.01	< 2	3	14	0.10	< 20	< 1	< 2	< 10	42	< 10	5	3	< 5
179257	0.040	0.044	< 0.01	< 2	7	31	0.16	< 20	< 1	< 2	< 10	61	< 10	12	12	< 5
179258	0.048	0.048	< 0.01	< 2	5	25	0.14	< 20	1	< 2	< 10	56	< 10	6	6	< 5
179259	0.034	0.058	< 0.01	< 2	4	21	0.11	< 20	< 1	< 2	< 10	45	< 10	5	4	< 5
179051	0.050	0.153	< 0.01	< 2	6	165	0.16	< 20	< 1	< 2	< 10	118	< 10	8	6	16
179052	0.044	0.028	0.02	< 2	7	41	0.09	< 20	< 1	< 2	< 10	64	< 10	8	5	< 5
179053	0.039	0.016	< 0.01	< 2	5	32	0.12	< 20	< 1	< 2	< 10	63	< 10	5	9	< 5
179054	0.038	0.221	< 0.01	< 2	4	24	0.08	< 20	< 1	< 2	< 10	59	< 10	5	2	5
179055	0.063	0.047	< 0.01	< 2	8	32	0.13	< 20	1	< 2	< 10	63	< 10	13	14	< 5
179056	0.056	0.046	0.02	< 2	9	37	0.11	< 20	2	< 2	< 10	98	< 10	12	19	< 5
179057	0.043	0.052	0.39	< 2	6	56	0.08	< 20	2	< 2	21	70	< 10	10	17	5
179058	0.065	0.045	0.02	< 2	9	37	0.11	< 20	3	< 2	11	68	< 10	12	14	< 5
179059	0.055	0.046	0.01	< 2	9	44	0.13	< 20	< 1	< 2	< 10	89	< 10	15	17	< 5
179060	0.072	0.018	0.01	2	4	31	0.13	< 20	< 1	< 2	< 10	61	< 10	4	5	< 5
179061	0.031	0.056	< 0.01	< 2	3	20	0.11	< 20	< 1	< 2	< 10	36	< 10	4	3	< 5
179062	0.043	0.032	0.01	< 2	4	24	0.12	< 20	< 1	< 2	< 10	51	< 10	4	2	< 5
179063	0.035	0.167	0.03	< 2	6	16	0.08	< 20	< 1	< 2	< 10	81	< 10	3	2	17
179064	0.033	0.085	0.03	< 2	4	17	0.08	< 20	< 1	< 2	< 10	68	< 10	3	1	< 5
179065	0.023	0.003	0.02	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	< 5
179066	0.031	0.059	0.01	< 2	3	17	0.10	< 20	< 1	< 2	< 10	50	< 10	3	1	6
179067	0.043	0.039	0.01	< 2	4	16	0.07	< 20	< 1	< 2	< 10	46	< 10	6	2	< 5
179068	0.040	0.089	0.02	< 2	3	18	0.08	< 20	3	< 2	< 10	53	< 10	4	< 1	20
179069	0.043	0.153	< 0.01	< 2	3	17	0.08	< 20	< 1	< 2	< 10	55	< 10	3	1	< 5
179070	0.041	0.099	0.02	< 2	5	37	0.11	< 20	< 1	< 2	< 10	76	< 10	4	2	< 5
179071	0.038	0.087	0.02	2	5	32	0.11	< 20	2	< 2	< 10	82	< 10	4	2	8
179072	0.036	0.041	< 0.01	< 2	3	23	0.10	< 20	1	< 2	< 10	48	< 10	4	3	< 5
179073	0.039	0.020	0.01	< 2	5	35	0.12	< 20	< 1	< 2	< 10	71	< 10	4	5	6
179074	0.021	0.032	0.34	< 2	< 1	67	< 0.01	< 20	2	< 2	< 10	6	< 10	1	2	< 5
179075	0.035	0.093	0.03	< 2	3	13	0.04	< 20	< 1	< 2	< 10	52	< 10	3	< 1	12
179076	0.039	0.059	0.01	< 2	3	15	0.07	< 20	3	< 2	< 10	49	< 10	4	< 1	144
179077	0.047	0.113	0.02	< 2	4	18	0.08	< 20	< 1	< 2	< 10	60	< 10	4	1	5
179078	0.051	0.042	0.01	< 2	4	24	0.12	< 20	1	< 2	< 10	67	< 10	4	1	< 5
179079	0.032	0.080	0.01	< 2	3	15	0.08	< 20	< 1	< 2	< 10	44	< 10	3	< 1	< 5
179080	0.021	0.002	0.02	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179081	0.030	0.045	< 0.01	< 2	3	17	0.11	< 20	< 1	< 2	< 10	46	< 10	4	2	38
179082	0.038	0.052	< 0.01	< 2	2	17	0.08	< 20	3	< 2	< 10	23	< 10	5	2	5
179083	0.036	0.048	< 0.01	< 2	4	17	0.13	< 20	1	< 2	< 10	49	< 10	5	4	< 5
179084	0.036	0.039	< 0.01	< 2	3	18	0.10	< 20	2	< 2	< 10	44	< 10	4	1	< 5
179085	0.039	0.024	< 0.01	< 2	4	24	0.14	< 20	< 1	< 2	< 10	50	< 10	5	3	< 5
179086	0.071	0.038	0.01	< 2	12	34	0.16	< 20	< 1	< 2	< 10	93	< 10	8	10	5
179087	0.077	0.027	0.01	3	12	34	0.19	< 20	< 1	< 2	< 10	102	< 10	5	11	< 5
179088	0.055	0.033	0.01	< 2	10	42	0.12	< 20	< 1	2	< 10	102	< 10	7	12	< 5
179089	0.080	0.118	0.03	< 2	11	39	0.10	< 20	< 1	< 2	< 10	77	< 10	23	25	6
179090	0.071	0.124	0.06	< 2	9	36	0.09	< 20	< 1	< 2	< 10	65	< 10	18	17	< 5
179174	0.020	0.050	0.25	< 2	< 1	44	< 0.01	< 20	2	< 2	< 10	3	< 10	< 1	< 1	< 5
179092	0.035	0.067	0.02	< 2	3	17	0.08	< 20	< 1	< 2	< 10	54	< 10	4	< 1	10
179093	0.039	0.058	0.01	< 2	4	36	0.11	< 20	1	< 2	< 10	54	< 10	5	2	< 5
179094	0.034	0.043	0.01	2	6	32	0.18	< 20	2	< 2	< 10	60	< 10	5	2	< 5

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179095	0.043	0.125	0.04	< 2	7	24	0.13	< 20	< 1	< 2	< 10	66	< 10	14	2	< 5
179096	0.032	0.035	0.02	< 2	3	17	0.09	< 20	< 1	< 2	< 10	46	< 10	6	< 1	< 5
179097	0.037	0.089	0.01	2	4	18	0.12	< 20	3	< 2	< 10	59	< 10	5	3	< 5
179098	0.040	0.058	< 0.01	< 2	5	24	0.15	< 20	2	< 2	< 10	63	< 10	7	4	< 5
179099	0.034	0.120	0.03	< 2	3	20	0.06	< 20	< 1	< 2	< 10	59	< 10	4	1	< 5
179100	0.020	0.002	0.02	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	< 5
179101	0.033	0.054	0.02	< 2	3	28	0.10	< 20	1	< 2	< 10	58	< 10	4	< 1	< 5
179102	0.047	0.016	0.01	< 2	6	19	0.13	< 20	< 1	< 2	< 10	55	< 10	9	3	< 5
179103	0.029	0.087	0.01	< 2	3	17	0.09	< 20	< 1	< 2	< 10	55	< 10	4	< 1	15
179104	0.027	0.013	< 0.01	< 2	2	15	0.09	< 20	< 1	< 2	< 10	25	< 10	4	1	< 5
179105	0.029	0.023	< 0.01	< 2	4	12	0.17	< 20	1	< 2	< 10	46	< 10	4	5	< 5
179106	0.050	0.018	< 0.01	< 2	5	22	0.12	< 20	< 1	< 2	< 10	48	< 10	8	8	< 5
179107	0.038	0.052	0.01	2	5	22	0.13	< 20	< 1	< 2	< 10	79	< 10	4	4	6
179108	0.032	0.030	0.01	< 2	4	19	0.08	< 20	< 1	< 2	< 10	47	< 10	4	< 1	5
179109	0.039	0.040	0.02	< 2	3	29	0.07	< 20	< 1	< 2	< 10	41	< 10	4	< 1	5
179110	0.041	0.041	0.02	< 2	3	29	0.08	< 20	< 1	< 2	< 10	45	< 10	4	1	7
179111	0.034	0.137	0.04	< 2	1	10	0.02	< 20	< 1	< 2	< 10	61	< 10	4	< 1	6
179112	0.032	0.071	0.01	< 2	3	19	0.10	< 20	< 1	< 2	< 10	52	< 10	4	1	20
179113	0.034	0.019	0.02	< 2	3	21	0.10	< 20	< 1	< 2	< 10	43	< 10	6	2	< 5
179114	0.028	0.038	0.29	< 2	< 1	45	< 0.01	< 20	< 1	< 2	< 10	9	< 10	3	2	7
179115	0.042	0.032	0.04	< 2	6	29	0.13	< 20	2	3	< 10	53	< 10	8	9	< 5
179116	0.053	0.025	0.01	< 2	9	27	0.13	< 20	< 1	< 2	< 10	62	< 10	13	13	28
179117	0.140	0.374	0.04	3	12	148	0.09	30	4	< 2	< 10	241	< 10	50	2	15
179118	0.033	0.062	0.02	< 2	4	17	0.11	< 20	< 1	< 2	< 10	87	< 10	4	2	7
179119	0.028	0.056	0.02	< 2	4	82	0.13	< 20	2	< 2	< 10	66	< 10	4	4	7
179120	0.020	0.001	0.02	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	7
179121	0.031	0.013	< 0.01	< 2	3	17	0.11	< 20	3	< 2	< 10	40	< 10	4	3	22
179122	0.024	0.019	< 0.01	< 2	2	16	0.08	< 20	< 1	< 2	< 10	34	< 10	3	< 1	5
179123	0.039	0.048	0.01	< 2	4	21	0.10	< 20	3	< 2	< 10	54	< 10	5	2	35
179124	0.031	0.039	< 0.01	< 2	3	14	0.10	< 20	2	< 2	< 10	41	< 10	5	2	10
179125	0.026	0.026	0.01	< 2	2	16	0.09	< 20	< 1	< 2	< 10	40	< 10	4	< 1	7
179126	0.033	0.028	0.01	< 2	2	20	0.09	< 20	< 1	< 2	< 10	37	< 10	4	< 1	7
179127	0.033	0.041	0.02	< 2	5	17	0.11	< 20	2	< 2	< 10	65	< 10	5	1	20
179128	0.031	0.036	0.01	< 2	2	22	0.09	< 20	1	< 2	< 10	37	< 10	4	< 1	6
179129	0.032	0.099	0.02	< 2	3	16	0.09	< 20	2	< 2	< 10	52	< 10	4	< 1	8
179130	0.030	0.077	0.02	< 2	2	16	0.08	< 20	2	< 2	< 10	47	< 10	4	< 1	7
179131	0.032	0.054	0.02	< 2	3	17	0.11	< 20	< 1	< 2	< 10	51	< 10	4	1	7
179132	0.029	0.080	0.11	< 2	3	30	0.03	< 20	1	< 2	< 10	37	< 10	12	2	7
179133	0.043	0.051	0.02	< 2	8	37	0.09	< 20	< 1	< 2	< 10	74	< 10	12	7	6
179134	0.045	0.018	0.02	< 2	9	36	0.08	< 20	< 1	< 2	< 10	92	< 10	11	10	5
179135	0.039	0.027	0.02	< 2	6	36	0.10	< 20	< 1	< 2	< 10	85	< 10	4	4	7
179137	0.027	0.016	0.01	< 2	2	23	0.09	< 20	< 1	< 2	< 10	34	< 10	4	< 1	8
179138	0.032	0.103	0.02	< 2	4	20	0.09	< 20	1	< 2	< 10	55	< 10	5	1	7
179139	0.031	0.047	< 0.01	< 2	4	21	0.12	< 20	1	< 2	< 10	44	< 10	6	2	8
179140	0.013	0.002	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	< 5
179141	0.029	0.130	0.02	< 2	5	14	0.13	< 20	< 1	< 2	< 10	99	< 10	4	2	9
179142	0.047	0.042	0.03	< 2	6	28	0.13	< 20	2	< 2	< 10	80	< 10	7	2	5
179143	0.032	0.029	0.01	< 2	5	25	0.17	< 20	< 1	< 2	< 10	70	< 10	6	3	9
179144	0.097	0.122	0.03	4	4	26	0.12	< 20	< 1	< 2	< 10	120	< 10	5	3	11
179145	0.042	0.078	0.03	2	6	20	0.12	< 20	< 1	< 2	< 10	81	< 10	6	2	11
179146	0.033	0.037	0.02	2	4	24	0.13	< 20	< 1	< 2	< 10	63	< 10	4	2	6

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179147	0.032	0.013	< 0.01	< 2	3	23	0.12	< 20	1	< 2	< 10	39	< 10	5	3	6
179148	0.039	0.066	0.01	< 2	3	23	0.09	< 20	1	< 2	< 10	46	< 10	4	< 1	11
179149	0.027	0.009	< 0.01	< 2	3	20	0.11	< 20	< 1	< 2	< 10	36	< 10	4	2	7
179150	0.029	0.008	< 0.01	< 2	3	20	0.12	< 20	< 1	< 2	< 10	37	< 10	4	2	6
179151	0.035	0.071	0.02	< 2	4	23	0.11	< 20	< 1	< 2	< 10	66	< 10	4	1	9
179152	0.032	0.031	< 0.01	6	3	22	0.10	< 20	< 1	< 2	< 10	50	< 10	4	< 1	7
179153	0.028	0.017	< 0.01	< 2	3	16	0.11	< 20	< 1	< 2	< 10	37	< 10	4	2	< 5
179154	0.025	0.015	0.01	< 2	2	18	0.08	< 20	< 1	< 2	< 10	29	< 10	4	< 1	< 5
179155	0.031	0.083	< 0.01	< 2	3	14	0.11	< 20	3	< 2	< 10	51	< 10	5	1	< 5
179156	0.035	0.034	0.01	< 2	3	18	0.13	< 20	< 1	< 2	< 10	53	< 10	5	3	< 5
179157	0.033	0.017	< 0.01	< 2	3	16	0.12	< 20	< 1	< 2	< 10	34	< 10	5	2	< 5
179158	0.027	0.015	< 0.01	< 2	2	17	0.10	< 20	< 1	< 2	< 10	30	< 10	4	< 1	< 5
179159	0.029	0.027	0.02	< 2	3	18	0.11	< 20	< 1	< 2	< 10	36	< 10	5	1	< 5
179160	0.033	0.032	0.01	< 2	3	17	0.11	< 20	< 1	< 2	< 10	34	< 10	5	1	< 5
179161	0.029	0.018	0.02	< 2	3	24	0.10	< 20	< 1	< 2	< 10	37	< 10	4	2	< 5
179162	0.031	0.051	< 0.01	< 2	4	18	0.13	< 20	3	< 2	< 10	49	< 10	4	3	< 5
179163	0.036	0.036	< 0.01	< 2	5	24	0.13	< 20	< 1	< 2	< 10	57	< 10	6	6	< 5
179164	0.031	0.022	< 0.01	< 2	4	19	0.13	< 20	1	< 2	< 10	53	< 10	4	2	10
179165	0.038	0.035	0.01	< 2	5	22	0.15	< 20	< 1	2	< 10	47	< 10	7	4	< 5
179166	0.040	0.034	0.03	< 2	4	25	0.13	< 20	2	< 2	< 10	51	< 10	6	2	< 5
179167	0.036	0.014	< 0.01	< 2	4	20	0.13	< 20	< 1	< 2	< 10	46	< 10	5	2	61
179168	0.023	0.025	0.18	< 2	< 1	51	< 0.01	< 20	1	< 2	< 10	3	< 10	1	< 1	11
179169	0.042	0.013	0.02	< 2	6	28	0.16	< 20	1	< 2	< 10	62	< 10	6	7	< 5
179170	0.015	0.001	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	7
179171	0.044	0.024	0.02	< 2	8	35	0.10	< 20	< 1	< 2	< 10	78	< 10	11	11	5
179172	0.036	0.057	0.01	< 2	5	18	0.15	< 20	2	< 2	< 10	60	< 10	7	3	< 5
179173	0.032	0.058	0.01	< 2	5	17	0.14	< 20	2	< 2	< 10	57	< 10	6	5	< 5

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.3	< 0.5	71	1050	1	25	98	125	7.05	241	< 10	731	0.9	2	0.13	13	78	5.80	20	3	1.20	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	67	1030	1	25	93	122	6.81	233	< 10	823	0.9	3	0.15	12	75	5.74	20	< 1	1.17	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	68	992	1	21	94	120	6.98	213	< 10	799	0.9	3	0.15	13	77	5.30	10	3	1.20	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	67	971	1	21	88	117	6.44	213	< 10	892	0.8	< 2	0.14	13	74	5.25	20	2	1.07	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	72	1010	1	23	98	130	6.31	238	< 10	854	0.8	3	0.12	12	85	5.93	20	4	1.17	< 10	0.40
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	75	1030	1	24	100	131	6.60	255	< 10	876	0.8	3	0.12	12	87	6.21	20	1	1.21	< 10	0.42
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	67	974	< 1	25	87	119	6.71	235	< 10	761	0.9	2	0.14	13	74	5.23	20	2	1.12	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	69	1030	1	27	93	124	7.11	231	< 10	818	0.9	3	0.14	13	77	5.55	20	2	1.15	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 98 (Aqua Regia) Meas	42.9		> 10000				266	1250						15		106							
OREAS 98 (Aqua Regia) Cert	42.8		14700 0.0				343	1302						92.8		111							
OREAS 98 (Aqua Regia) Meas	43.9		> 10000				261	1250						15		104							
OREAS 98 (Aqua Regia) Cert	42.8		14700 0.0				343	1302						92.8		111							
OREAS 922 (AQUA REGIA) Meas	1.8	< 0.5	2230	796	< 1	35	63	265	2.90	6		86	0.8	8	0.42	18	45	5.38	< 10		0.53	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2190	786	< 1	33	62	256	2.87	6		85	0.8	10	0.42	18	44	5.28	< 10		0.53	38	1.32
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.3	< 0.5	2210	748	< 1	33	59	250	2.91	4		81	0.8	8	0.42	20	45	4.81	< 10		0.55	40	1.33
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.3	0.5	2220	731	< 1	32	61	242	2.65	5		80	0.7	7	0.39	21	43	4.89	< 10		0.45	37	1.28
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2230	760	< 1	35	61	277	2.65	7		99	0.8	11	0.43	19	50	5.16	< 10		0.53	40	1.37
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2220	768	< 1	33	59	277	2.66	6		95	0.8	7	0.42	18	50	5.19	< 10		0.51	40	1.39
OREAS 922	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Cert																							
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2130	690	< 1	35	55	240	2.66	6		81	0.7	10	0.40	19	41	4.75	< 10		0.48	33	1.28
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.1	< 0.5	2310	752	< 1	38	57	260	2.93	6		84	0.8	9	0.42	19	45	5.29	< 10		0.50	36	1.37
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 923 (AQUA REGIA) Meas	1.8	< 0.5	4390	878	< 1	34	87	342	2.88	7		66	0.7	24	0.42	21	41	6.24	< 10		0.45	35	1.44
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.8	< 0.5	4500	899	< 1	32	80	345	3.00	6		69	0.7	29	0.43	21	42	6.33	< 10		0.47	37	1.48
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.5	< 0.5	4330	859	< 1	30	77	322	2.91	6		64	0.7	26	0.42	21	42	5.68	< 10		0.48	36	1.42
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4230	830	< 1	29	77	321	2.68	6		64	0.7	23	0.40	23	40	5.65	< 10		0.39	34	1.36
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.9	< 0.5	4370	858	< 1	32	81	359	2.62	6		80	0.7	21	0.43	21	46	5.92	< 10		0.44	36	1.46
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4490	876	< 1	32	84	355	2.69	9		81	0.7	30	0.43	21	46	6.15	< 10		0.44	37	1.51
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.6	< 0.5	4330	818	< 1	32	74	323	2.80	6		71	0.7	23	0.42	21	40	5.73	< 10		0.42	32	1.41
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.6	< 0.5	4440	840	< 1	32	77	331	2.90	7		51	0.7	25	0.42	21	41	6.01	< 10		0.41	32	1.44
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas 96 (Aqua Regia) Meas	10.6		> 10000				82	396						74		43							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.5		> 10000				90	449						54		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.9		> 10000				92	450						54		48							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 621 (Aqua Regia) Meas	67.4	294	3690	539	13	25	> 5000	> 10000	1.80	76			0.6	< 2	1.70	30	30	3.44	< 10	4	0.41	21	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.9	295	3670	540	14	25	> 5000	> 10000	1.82	77			0.6	8	1.71	31	30	3.44	< 10	4	0.41	20	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	68.2	287	3730	522	13	27	> 5000	> 10000	1.84	72			0.6	3	1.72	31	37	3.25	< 10	4	0.42	21	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.3	275	3400	490	13	22	> 5000	> 10000	1.57	74			0.5	3	1.59	27	30	3.21	< 10	4	0.35	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	69.4	292	3590	525	14	24	> 5000	> 10000	1.62	80			0.6	13	1.73	30	32	3.32	10	4	0.40	21	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	71.8	295	3650	535	13	24	> 5000	> 10000	1.63	84			0.6	4	1.78	31	34	3.39	10	4	0.40	21	0.46
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	69.6	273	3660	508	13	27	> 5000	> 10000	1.72	80			0.6	11	1.69	29	31	3.38	10	4	0.39	18	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.4	271	3590	502	13	25	> 5000	> 10000	1.66	77			0.6	8	1.37	29	27	3.26	10	4	0.37	17	0.42
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 45f (Aqua Regia) Meas			339	169	< 1	226	12	26	7.36			129	1.1	5	0.07	38	336	13.2	20	< 1	0.12	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			348	161	2	207	10	25	6.89			144	1.0	< 2	0.07	38	329	13.6	20	1	0.10	11	0.17
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			376	171	< 1	246	8	28	7.07			159	1.0	7	0.07	36	384	15.4	20	< 1	0.12	< 10	0.20
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			382	166	< 1	239	8	28	6.91			162	1.0	5	0.07	35	381	15.5	20	< 1	0.12	< 10	0.19

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			321	162	< 1	222	9	26	7.21			143	1.0	3	0.07	38	331	13.3	20	< 1	0.10	10	0.17
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			333	162	< 1	223	7	26	7.21			147	1.0	7	0.07	37	339	13.9	20	< 1	0.10	10	0.17
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
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Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
179010 Orig																							
179010 Dup																							
179013 Orig	< 0.2	< 0.5	73	195	< 1	52	7	70	3.79	2	12	207	1.2	< 2	1.12	9	64	2.72	10	< 1	0.29	52	0.89
179013 Dup	< 0.2	< 0.5	72	196	< 1	49	8	68	3.73	< 2	12	238	1.1	< 2	1.07	10	63	2.71	10	< 1	0.27	52	0.85
179020 Orig																							
179020 Dup																							
179027 Orig	< 0.2	< 0.5	10	132	< 1	16	3	21	1.02	< 2	< 10	41	< 0.5	< 2	0.35	6	27	1.26	< 10	< 1	0.10	10	0.45
179027 Dup	< 0.2	< 0.5	10	135	< 1	16	4	21	1.05	< 2	< 10	42	< 0.5	< 2	0.35	6	27	1.30	< 10	< 1	0.10	< 10	0.45
179030 Orig																							
179030 Dup																							
179040 Orig	< 0.2	< 0.5	46	517	< 1	51	9	80	3.24	5	15	195	1.1	< 2	0.83	18	63	3.70	10	< 1	0.36	49	1.20
179040 Dup	< 0.2	< 0.5	47	500	< 1	51	9	83	3.30	5	15	199	1.1	< 2	0.82	17	64	3.82	10	< 1	0.36	50	1.22
179045 Orig																							
179045 Dup																							
179204 Orig	< 0.2	< 0.5	86	374	< 1	36	12	68	4.30	5	13	165	0.9	< 2	0.66	16	73	4.16	10	2	0.34	26	0.96
179204 Dup	< 0.2	< 0.5	88	382	< 1	37	13	71	4.46	< 2	14	171	0.9	< 2	0.66	16	75	4.28	10	3	0.35	26	0.98
179205 Orig																							
179205 Dup																							
179215 Orig																							
179215 Dup																							
179227 Orig	< 0.2	< 0.5	30	1290	< 1	50	7	116	2.12	< 2	< 10	175	< 0.5	< 2	0.40	23	88	3.24	< 10	< 1	0.11	19	0.87
179227 Dup	0.2	< 0.5	30	1300	< 1	50	6	121	2.22	< 2	< 10	184	< 0.5	< 2	0.40	23	89	3.43	< 10	< 1	0.11	20	0.86
179230 Orig																							
179230 Dup																							
179240 Orig																							
179240 Dup																							
179241 Orig	< 0.2	< 0.5	46	323	< 1	27	4	37	1.68	2	< 10	82	< 0.5	< 2	0.59	11	47	2.58	< 10	< 1	0.14	26	0.63
179241 Dup	< 0.2	< 0.5	47	325	< 1	28	4	37	1.68	2	< 10	80	< 0.5	< 2	0.60	11	47	2.56	< 10	< 1	0.14	26	0.65
179250 Orig																							
179250 Dup																							
179254 Orig	< 0.2	< 0.5	120	510	< 1	63	9	77	5.36	3	10	253	1.1	2	0.81	25	88	6.01	20	2	0.55	20	2.01
179254 Dup	< 0.2	< 0.5	123	530	< 1	65	9	81	5.66	3	11	268	1.1	3	0.82	25	92	6.39	20	1	0.56	21	2.04
179056 Orig																							
179056 Dup																							
179059 Orig	< 0.2	< 0.5	51	313	< 1	52	11	75	2.97	< 2	14	165	0.9	< 2	0.97	19	63	3.84	10	< 1	0.40	38	0.93
179059 Dup	< 0.2	< 0.5	51	323	< 1	50	11	77	3.13	2	14	173	0.9	< 2	0.96	19	64	3.98	10	< 1	0.41	39	0.92
179066 Orig																							
179066 Dup																							
179075 Orig	< 0.2	< 0.5	27	138	< 1	18	11	98	2.66	< 2	< 10	137	< 0.5	< 2	0.22	5	38	1.92	10	< 1	0.08	13	0.38
179075 Dup	< 0.2	< 0.5	28	144	< 1	21	12	100	2.75	< 2	< 10	141	< 0.5	< 2	0.22	6	41	2.00	10	< 1	0.08	12	0.40
179076 Orig																							

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
179076 Dup																							
179089 Orig	< 0.2	0.5	121	241	< 1	73	6	91	4.15	< 2	< 10	281	1.2	< 2	0.89	17	71	3.70	10	< 1	0.34	55	0.93
179089 Dup	0.2	< 0.5	126	255	< 1	76	7	97	4.49	< 2	< 10	301	1.2	< 2	0.92	16	75	4.00	10	1	0.36	60	0.97
179092 Orig																							
179092 Dup																							
179101 Orig																							
179101 Dup																							
179102 Orig	< 0.2	< 0.5	61	713	< 1	47	10	97	2.40	< 2	< 10	262	0.7	< 2	0.49	18	52	2.49	< 10	< 1	0.14	36	0.58
179102 Dup	< 0.2	< 0.5	59	689	< 1	47	9	95	2.30	< 2	< 10	252	0.7	< 2	0.48	17	51	2.41	< 10	< 1	0.14	34	0.57
179111 Orig																							
179111 Dup																							
179116 Orig	< 0.2	< 0.5	52	275	< 1	42	7	61	3.03	< 2	< 10	153	0.8	< 2	0.86	16	57	3.25	< 10	< 1	0.35	32	1.02
179116 Dup	< 0.2	< 0.5	52	279	< 1	43	7	61	3.07	< 2	< 10	156	0.8	< 2	0.86	16	58	3.32	< 10	< 1	0.35	32	1.03
179126 Orig																							
179126 Dup																							
179137 Orig																							
179137 Dup																							
179140 Orig	< 0.2	< 0.5	1	40	< 1	1	< 2	3	< 0.01	< 2	< 10	< 10	< 0.5	< 2	0.03	< 1	4	0.37	< 10	< 1	< 0.01	< 10	0.01
179140 Dup	< 0.2	< 0.5	1	40	< 1	1	< 2	3	< 0.01	< 2	< 10	< 10	< 0.5	< 2	0.03	< 1	4	0.37	< 10	< 1	< 0.01	< 10	0.01
179147 Orig																							
179147 Dup																							
179154 Orig	< 0.2	< 0.5	4	211	< 1	6	4	35	0.61	< 2	< 10	56	< 0.5	< 2	0.26	4	16	0.83	< 10	< 1	0.07	13	0.15
179154 Dup	< 0.2	< 0.5	4	206	< 1	6	5	36	0.63	< 2	< 10	60	< 0.5	< 2	0.27	4	16	0.81	< 10	< 1	0.08	15	0.16
179162 Orig																							
179162 Dup																							
179167 Orig	< 0.2	< 0.5	14	234	< 1	20	5	35	1.32	< 2	< 10	61	< 0.5	< 2	0.43	8	30	1.68	< 10	< 1	0.10	15	0.45
179167 Dup	< 0.2	< 0.5	14	237	< 1	20	4	37	1.32	< 2	< 10	61	< 0.5	< 2	0.43	8	30	1.68	< 10	< 1	0.10	16	0.44
179172 Orig																							
179172 Dup																							
Method Blank																							
Method Blank																							
Method Blank																							
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Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	11	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank																							
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
GXR-6 Meas	0.131	0.034	0.01	4	20	30		< 20	< 1	< 2	< 10	173	< 10	4	10	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.147	0.032	0.01	5	19	34		< 20	< 1	< 2	< 10	166	< 10	4	11	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.149	0.033	0.01	5	20	35		< 20	< 1	2	< 10	167	< 10	4	9	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.122	0.033	0.01	5	19	31		< 20	< 1	< 2	< 10	160	< 10	5	8	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.110	0.034	0.01	3	17	27		< 20	< 1	< 2	< 10	166	< 10	4	8	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.116	0.035	0.01	4	17	27		< 20	< 1	< 2	< 10	170	< 10	4	9	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.124	0.033	0.01	3	21	30		< 20	4	2	< 10	168	< 10	5	9	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.128	0.034	0.01	5	21	31		< 20	< 1	2	< 10	176	< 10	6	8	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 98 (Aqua Regia) Meas				18												
OREAS 98 (Aqua Regia) Cert				14.7												
OREAS 98 (Aqua Regia) Meas				20												
OREAS 98 (Aqua Regia) Cert				14.7												
OREAS 922 (AQUA REGIA) Meas	0.036	0.061	0.37	2	4	18		< 20		< 2	< 10	36	< 10	20	4	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.036	0.060	0.36	< 2	4	18		< 20		< 2	< 10	36	< 10	20	6	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.037	0.060	0.37	4	4	18		< 20		< 2	< 10	37	< 10	19	3	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.029	0.061	0.36	< 2	4	16		< 20		< 2	< 10	34	< 10	20	20	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.031	0.063	0.36	3	4	17		< 20		< 2	< 10	37	< 10	22	21	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.031	0.064	0.36	3	4	17		< 20		< 2	< 10	36	< 10	21	20	
OREAS 922	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
(AQUA REGIA) Cert																
OREAS 922 (AQUA REGIA) Meas	0.031	0.060	0.36	2	4	16		< 20		< 2	< 10	34	< 10	20	19	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	0.034	0.063	0.38	2	4	17		< 20		< 2	< 10	36	< 10	21	24	
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas		0.057	0.66	< 2	4	16		< 20		< 2	< 10	35	< 10	18	5	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.059	0.68	3	4	16		< 20		< 2	< 10	37	< 10	19	6	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.057	0.65	< 2	4	16		< 20		< 2	< 10	36	< 10	18	4	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.058	0.68	2	4	14		< 20		< 2	< 10	33	< 10	18	30	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.059	0.65	4	4	15		< 20		< 2	< 10	36	< 10	20	26	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.061	0.66	2	4	15		< 20		< 2	< 10	36	< 10	20	25	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.059	0.66	2	4	14		< 20		< 2	< 10	35	< 10	19	32	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas		0.060	0.67	4	4	15		< 20		< 2	< 10	35	< 10	19	31	
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Oreas 96 (Aqua Regia) Meas			3.86	5												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 96 (Aqua Regia) Meas			3.29	6												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 96 (Aqua Regia) Meas			3.78	7												
Oreas 96 (Aqua Regia) Cert			4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.175	0.032	4.66	95	3	20		< 20		< 2	< 10	13	< 10	7	42	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.177	0.031	4.64	95	3	20		< 20		< 2	< 10	13	< 10	7	31	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.180	0.031	4.66	95	3	21		< 20		< 2	< 10	13	< 10	7	26	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.141	0.032	4.53	105	2	17		< 20		< 2	< 10	12	< 10	7	62	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.157	0.034	4.66	119	2	19		< 20		< 2	< 10	13	< 10	8	73	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.157	0.035	4.86	121	3	19		< 20		2	< 10	13	< 10	8	73	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.156	0.033	4.56	117	2	18		< 20		2	< 10	13	< 10	8	65	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.149	0.030	4.22	108	2	16		< 20		< 2	< 10	12	< 10	8	35	
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
OREAS 45f (Aqua Regia) Meas	0.051	0.021	0.02		27	16	0.15	< 20		< 2	< 10	203		4	20	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.046	0.021	0.02		26	14	0.11	< 20		< 2	< 10	199		5	16	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.047	0.022	0.02		24	14	0.13	< 20		< 2	< 10	210		4	18	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.048	0.022	0.02		24	14	0.12	< 20		< 2	< 10	207		4	17	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.046	0.020	0.02		27	14	0.12	< 20		< 2	< 10	196		5	20	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.046	0.019	0.02		28	14	0.09	< 20		< 2	< 10	197		6	15	
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 238 (Fire Assay) Meas																2510
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3050
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3120
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3020
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3070
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3130
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3080
OREAS 238 (Fire Assay) Cert																3030
OREAS 238 (Fire Assay) Meas																3070
OREAS 238 (Fire Assay) Cert																3030
Oreas E1336 (Fire Assay) Meas																504
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																515
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																506
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																505
Oreas E1336 (Fire Assay) Cert																510

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Oreas E1336 (Fire Assay) Meas																507
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																511
Oreas E1336 (Fire Assay) Cert																510
Oreas E1336 (Fire Assay) Meas																510
Oreas E1336 (Fire Assay) Cert																510
179010 Orig																< 5
179010 Dup																< 5
179013 Orig	0.047	0.089	0.16	< 2	9	48	0.07	< 20	1	< 2	16	68	< 10	24	13	
179013 Dup	0.050	0.087	0.15	< 2	8	47	0.07	< 20	< 1	< 2	15	65	< 10	23	11	
179020 Orig																< 5
179020 Dup																< 5
179027 Orig	0.037	0.031	< 0.01	< 2	3	17	0.10	< 20	3	< 2	< 10	35	< 10	4	5	
179027 Dup	0.037	0.031	< 0.01	< 2	3	18	0.10	< 20	2	< 2	< 10	35	< 10	3	5	
179030 Orig																< 5
179030 Dup																< 5
179040 Orig	0.063	0.056	< 0.01	2	9	54	0.14	< 20	2	< 2	< 10	98	< 10	20	14	
179040 Dup	0.063	0.054	< 0.01	3	9	55	0.15	< 20	3	< 2	< 10	99	< 10	20	16	
179045 Orig																10
179045 Dup																10
179204 Orig	0.043	0.015	< 0.01	< 2	10	41	0.11	< 20	< 1	< 2	< 10	104	< 10	7	16	
179204 Dup	0.046	0.015	< 0.01	< 2	10	41	0.11	< 20	< 1	< 2	< 10	106	< 10	7	16	
179205 Orig																8
179205 Dup																7
179215 Orig																5
179215 Dup																13
179227 Orig	0.048	0.055	0.02	< 2	5	24	0.10	< 20	1	< 2	< 10	80	< 10	4	1	
179227 Dup	0.048	0.056	0.02	< 2	5	24	0.10	< 20	1	< 2	< 10	81	< 10	5	1	
179230 Orig																6
179230 Dup																< 5
179240 Orig																7
179240 Dup																5
179241 Orig	0.040	0.056	< 0.01	< 2	6	23	0.13	< 20	< 1	< 2	< 10	60	< 10	10	9	
179241 Dup	0.041	0.056	< 0.01	< 2	6	24	0.13	< 20	2	< 2	< 10	61	< 10	10	9	
179250 Orig																5
179250 Dup																7
179254 Orig	0.062	0.017	0.01	2	13	29	0.16	< 20	1	< 2	< 10	96	< 10	5	12	
179254 Dup	0.063	0.018	0.01	3	13	29	0.18	< 20	2	< 2	< 10	98	< 10	5	16	
179056 Orig																< 5
179056 Dup																< 5
179059 Orig	0.054	0.046	0.01	< 2	9	45	0.13	< 20	3	< 2	< 10	88	< 10	15	16	
179059 Dup	0.055	0.046	0.01	< 2	9	44	0.14	< 20	< 1	2	< 10	89	< 10	15	18	
179066 Orig																6
179066 Dup																5
179075 Orig	0.035	0.090	0.03	< 2	3	13	0.04	< 20	< 1	< 2	< 10	51	< 10	3	< 1	
179075 Dup	0.035	0.096	0.03	< 2	3	14	0.04	< 20	1	< 2	< 10	53	< 10	3	1	
179076 Orig																167

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
179076 Dup																121
179089 Orig	0.079	0.117	0.03	< 2	11	39	0.10	< 20	< 1	< 2	< 10	76	< 10	22	25	
179089 Dup	0.080	0.119	0.03	< 2	11	40	0.10	< 20	< 1	< 2	< 10	78	< 10	23	25	
179092 Orig																13
179092 Dup																6
179101 Orig																12
179101 Dup																< 5
179102 Orig	0.049	0.016	0.01	< 2	6	20	0.13	< 20	< 1	< 2	< 10	55	< 10	9	3	
179102 Dup	0.046	0.016	0.01	< 2	6	19	0.13	< 20	< 1	< 2	< 10	56	< 10	9	3	
179111 Orig																7
179111 Dup																5
179116 Orig	0.052	0.025	0.01	< 2	9	26	0.13	< 20	< 1	< 2	< 10	62	< 10	13	13	
179116 Dup	0.053	0.025	0.01	< 2	9	27	0.14	< 20	< 1	< 2	< 10	62	< 10	13	14	
179126 Orig																6
179126 Dup																7
179137 Orig																6
179137 Dup																9
179140 Orig	0.013	0.002	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
179140 Dup	0.014	0.002	0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	1	
179147 Orig																6
179147 Dup																5
179154 Orig	0.024	0.015	0.01	< 2	2	18	0.08	< 20	1	< 2	< 10	29	< 10	4	< 1	
179154 Dup	0.026	0.016	0.01	< 2	2	19	0.08	< 20	< 1	< 2	< 10	29	< 10	4	< 1	
179162 Orig																< 5
179162 Dup																< 5
179167 Orig	0.037	0.014	< 0.01	< 2	4	20	0.13	< 20	< 1	< 2	< 10	46	< 10	6	2	
179167 Dup	0.035	0.015	< 0.01	< 2	4	20	0.13	< 20	< 1	< 2	< 10	46	< 10	5	2	
179172 Orig																< 5
179172 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																< 5
Method Blank																< 5
Method Blank																< 5
Method Blank																< 5
Method Blank																< 5
Method Blank																< 5
Method Blank																< 5
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA
Method Blank	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.001	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																< 5
Method Blank	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	