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WIRE LAKE PROJECT

WORK REPORT OF THE SUMMER 2019 EXPLORATION PROGRAM ON THE WIRE LAKE PROJECT, HEMLO AREA, ONTARIO For CANADIAN OREBODIES INC.

NTS Map sheet 42D/16 & 42D/09

Bruce MacLachlan P. Geo (Limited)

March 27, 2020

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1.0 -SUMMARY-

From June to October of 2019 a prospecting, soil sampling, geological mapping and lake sediment sampling program was carried out on the Canadian Orebodies Inc. ("Orebodies") Wire Lake claim group, see Figure 3.

The Wire Lake Property is located approximately 20 kilometres northeast of the town of Marathon, 40 kilometres southwest of the town of Manitouwadge and approximately 30 kilometres northwest of the Hemlo Gold Mines, see Figure 4.

The 2019 Wire Lake Exploration Program was carried out simultaneously with the 2019 Black Raven Exploration Program.

One hundred and sixty grab and channel samples were collected on the Wire Lake cells during the 2019 field program. Lithologies sampled were predominantly mafic to intermediate volcanics, quartz veins, feldspar porphyry and iron formation/sediments. Of those 160 grab and channel samples, 21 returned gold assays of 0.1 gpt Au or greater, 2 returned gold assays of 1.0 gpt Au or greater, and 1 sample returned over 10gpt Au: 12.4gpt Au (sample A705063 – an angular quartz block north of Porphyry Lake).

One hundred and eighty-seven soil samples were collected during the 2019 exploration program in the Porphyry Lake and Camp 27 Lake Areas, as well as 3 lake sediment samples at Camp 27 Lake. Of the 187 soil samples collected, 109 were humus (A horizon) and 78 were B horizon. A horizon soil samples returned up to **104ppb Au** (sample A704866) and up to **42ppb Au** from B horizon (sample A704841). Lake sediment samples returned up to **54ppb Au** (sample A704961).

Most of the gold bearing samples were collected in the Porphyry Lake and Camp 27 Lake Area, as well as ten samples which returned **Zn** values **>0.1%** and up to **9110ppm** (sample A704686 located on the east shore of Porphyry Lake).

Geological mapping was carried out at Porphyry Lake to provide a better understanding of the underlying stratigraphy and associated structures.

The results of the prospecting program are viewed as very successful, and the potential for more discoveries is high as well as the potential to expand many of the new showings located during the 2017 to 2019 field programs.

2.0 -INTRODUCTION-

Canadian Orebodies announced an Option to Acquire a 100% interest in the Wire Lake Property on October 12, 2016. The main target mineral is gold where previous operators' discoveries on the property had pointed to the area's potential, and because of its proximity to the world-class Hemlo gold deposit. Details of the 2019 work programs are presented below.

2.1 PROPERTY DESCRIPTION, PERMIT, LOCATION AND ACCESS

Canadian Orebodies Inc.'s Wire Lake Project is located northeast of Lake Superior in northeastern Ontario. The property is situated approximately 20 kilometres northeast of the town of Marathon and approximately 30 kilometres northwest of the Hemlo Gold Mine (see Figure 2).

The Wire Lake Property is comprised of 245 cells, including 112 Boundary Cell Mining Claims and 133 Single Cell Mining Claims in three groups of contiguous cells, originally comprising three groups of 252

staked claim units (Cirrus Lake, Goodchild Lake, and Wire Lake Claim Groups), optioned as one land package from All-Terrain Track Sales & Services Ltd., see Figure 3.

The Ministry of Northern Development and Mines (MNDM) has issued Exploration Permit Number: PR-16-11008A for the Wire Lake Property.

2.2 CLIMATE, RESOURCES, LOCAL INFRASTRUCTURE AND PHYSIOGRAPHY

As summarized by MacConnell and Mackie (2017) (with minor modifications).

The Wire Lake Project is located within the Canadian Shield, which is a major physiographic division of Canada. The property is situated in an area of swamps, small lakes, and moderate to steep hills, with scattered to locally moderate outcrop. Elevation across the project area ranges from 275 to 450 m.

The Property is covered with a thick secondary growth of birch, balsam fir, black spruce, red cedar and some jack pine and poplar. The underbrush can be very dense with intergrowths of maple, alder and hazel.

The Wire Lake Property is situated approximately 20 km northeast of the town of Marathon, Ontario (population ~3300), and 30 km northwest of the producing gold mine at Hemlo. Access for the 2019 exploration program was by helicopter based out of two "fly camps" at Contact Lake and at Camp 27 Lake.

Marathon is approximately 350 km east of Thunder Bay, Ontario located approximately 4 kilometres southwest the Trans-Canada Highway 17. Thunder Bay is serviced by many airlines, with daily flights to major cities in Canada such as Toronto and Winnipeg, allowing easy connections to other Canadian cities and international destinations.

Climate in the area is typical of Northern Ontario, with cold winters and warm summers. Average January minimum temperatures range from -18℃ to -32℃, and average July temperatures are between 24℃ and 32℃. Exploration work can be carried out (subject to snow and freezing) for most of the year. Certain mapping, mechanized stripping, and soil sampling activities are best performed in snow-free conditions, whereas drilling can occur any time of the year.

2.3 PERSONNEL

Prospecting was carried out by Bruce MacLachlan and Coleman Robertson of Emerald Geological Services (EGS) based at various locations on the Property.

Tom Savage of Superior Geospatial provided drafting and GIS support.

Helicopter support was provided by Wilderness Helicopters based in Marathon and Wawa.

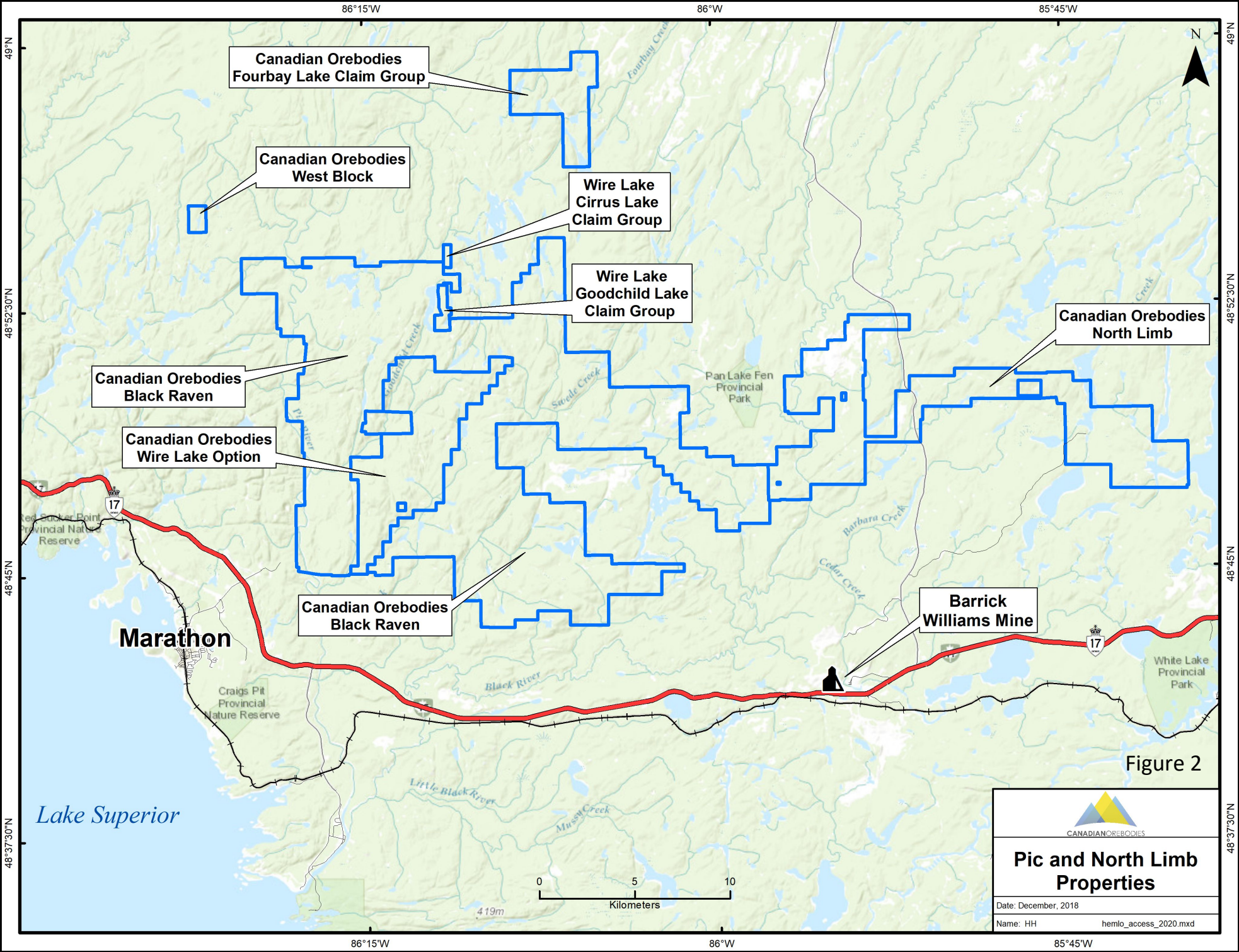
Figure 1

CANADIANOREBODIES

Wire Lake Property General Location Map

Date: December, 2018 Name: TS

File: ontloc_dec2018_WL


86°15'W
86°W
85°45'W
49°N
48°52'30"N
48°45'N
48°37'30"N
N
Canadian Orebodies
Fourbay Lake Claim Group
Canadian Orebodies
West Block
Wire Lake
Cirrus Lake
Claim Group
Wire Lake
Goodchild Lake
Claim Group
Canadian Orebodies
North Limb
Canadian Orebodies
Black Raven
Canadian Orebodies
Wire Lake Option
Canadian Orebodies
Black Raven
Barrick
Williams Mine
Marathon
Pan Lake Fen
Provincial
Park
Craigs Pit
Provincial
Nature Reserve
White Lake
Provincial
Park
Lake Superior
Fourbay Creek
Goodchild Creek
Swede Creek
Barbara Creek
Cedar Creek
Black River
Little Black River
Mussy Creek
17
0
5
10
Kilometers
Figure 2
CANADIANOREBODIES
Pic and North Limb
Properties
Date: December, 2018
Name: HH
hemlo_access_2020.mxd

552000 556000 560000 564000

5416000 5412000 5408000 5404000 5400000 5396000

N

MARTINET LAKE AREA

CIRRUS LAKE AREA

LORNA LAKE AREA

SEELEY LAKE AREA

O NEILL

COTTE

PIC

Pic River

Louis Lake

Pukatawagan Creek

Pukatawagan Lake

Cawanogami Lake

Beggs Lake

Roccian Lake

Budall Lake

Bond Lake

Smoke Lake

Page Lake

Goodchild Creek

Peacock Lake

Wire Lake

Sprucetop Lake

Madoson Lake

Cirrus Lake

Goodchild Lake

Lucky Lake

Talus Lake

Runnalls Lake

Teddybear Lake

Fallen Lake

Contact Lake

Veronica Lake

320375 290888 249635 296788 130241 195057 270621 300541

328047 166370 148906 298744 340928 318861 171577 219805 225817 169691 321681 265599

273492 322138 133336 273419 285548 322137 218987 334286 170140 153570 334160 199392 133311

295025 218352 265572 153031 117414 117986 203130 278837 130880 176837 219007 219006 218986 153529 273381 333938 265464 333937 206867 322139 285549 130881 258316 276340 226272 319970 263769 299370 226271 303369 285506 322096 265495 265494 218985 258317 127824 237057 288079 194336 214283 265493 206868 133312 133331 151362 115401 237717 201081 288080 192799 243650 273384 285508 320001 151361 303367 218982 199369 133307 285604 265503 303923 303924 322097 236223 141638 197104 132302 303555 188072 322095 115443 273411 226294 242416 111506 125450 107997 237565 185450 289343 160575 238393 129887 337550 184706 244689 139540 275056 245402 301490 345084 235174 283149 221206 120724 317407 195013 168360 330416 209654 294100 241331 104801 118804 255435 284568 246566 306241 209578 344992 251050 342785 123860 233279 107379 127352 307382 155850 287145 130436 129521 151971 294117 238169 318191 164653 193476 246023 248765 221312 280427 184618 148676 138816 175299 317819 186980 163177 163176 174712 104911 224445 120586 231352 270410 167737 196339 343537 153863 318099 194411 104690 324509 243480 235067 216514 281943 233915 245358 133417 193517 105870 231228 335120 238629 321755 240025 301556 236955 338178 250200 166624 252820 294828 287309 190604 240026 300942 245473 252821 252394 142296 295862 176085 193459 343004 276927 175821 250168 149074 131030 191837 276928 178062 153838 212378 164532 339638 315709 140441 292942 208450

Pic River

Goodchild Creek

Pic River

Pic River

Page Lake

Peacock Lake

Wire Lake

Sprucetop Lake

Contact Lake

Veronica Lake

Fallen Lake

Madoson Lake

Cirrus Lake

Runnalls Lake

Talus Lake

Goodchild Lake

Lucky Lake

Teddybear Lake

Beggs Lake

Roccian Lake

Budall Lake

Bond Lake

Smoke Lake

Pukatawagan Creek

Pukatawagan Lake

Cawanogami Lake

Louis Lake

Pic River

Legend

- Wire Lake Option boundary
- Wire Lake Option mining claim
- township boundary
- hydro electric line
- elevation contour
- wetlands
- lakes
- streams

0 1,600 3,200

Meters

1:40,000

Coordinate System: NAD 1983 UTM Zone 16N

T.N. N.S. 0°30' 11°16' Magnetic North Grid North (UTM)

Figure 3

CANADIANOREBODIES

Wire Lake Option Claim Map

Date: March, 2020

Name: TS Wire_Lake_prop_2019.mxd

3.0 -GEOLOGY-

3.1 REGIONAL GEOLOGY

The following description of the regional geology is adapted from an Economic Geology paper by Lin (2001), which was utilized in the Technical Report on the Lunny Lake Area by B.J. Price Geological Consultants Inc. in 2008.

The Wire Lake Project is situated within the eastern portion of the Wawa Sub-province, a division of the Superior Structural Province and Precambrian Canadian Shield. The Wawa Sub-province consists of a sequence of Archean sedimentary and felsic, intermediate and mafic volcanic rocks ranging in age from ~2720 million years (Ma) to ~2688 Ma. The supracrustal rocks of the Wawa Sub-province have been metamorphosed, with metamorphic grade increasing from upper greenschist facies west of Lake Superior, to middle amphibolite facies east of Lake Superior, the latter portion of the Sub-province that includes the Hemlo deposit area (see Figure 4).

The greenstone belt is intruded by granodioritic to tonalitic plutons and dikes. Major plutons include the Pukaskwa Intrusive Complex, the Heron Bay pluton, the Cedar Lake pluton, and the Gowan Lake pluton. A marginal gneissic phase of the Pukaskwa complex yielded a U-Pb zircon age of ~2719 Ma, whereas an internal phase of the complex, the Heron Bay pluton and the Cedar Lake pluton, yielded U-Pb zircon ages of ~2688 Ma. The Cedar Creek stock has been dated at ~2684 Ma, and the Gowan Lake pluton and two other plutons at ~2679 to 2677 Ma.

3.2 LOCAL AND PROPERTY GEOLOGY

The following description of Local geology is adapted from Gregor Goldfields 1995 report on the Marathon (Hemlo) Property by J.M. Siriunas, P.Eng. NR&J Resource Associates Limited.

The first government geological reconnaissance of the region was carried out by J. E. Thomson in the early 1930s. The property area and its environs were mapped in greater detail for the Ontario government by Milne (1967) who also mapped the Black River area immediately to the east (Milne, 1968). The Hemlo and Heron Bay areas to the south have been mapped by Muir (1982a and 1982b). Additional geological information has been provided by the mapping in the immediate area reported on by Brereton and Willoughby (1986), Hillier (1983), Jensen (1994) and Wilson (1989).

The bedrock geology of the Wire Lake Property area is dominated by a north-south trending sequence of massive and pillowed tholeiitic basalts. Volcaniclastics varying in grain size from tuff to agglomerate are also noted to be present. In the north-central and adjacent parts of the property spinifex-textured clasts have been noted in what is believed to be an agglomerate. Schnieders and Smyk (1995) report the presence of "spinifex-like" textures in Mg-tholeiites from the northwest part of the area. The volcanic rocks contain abundant chlorite and biotite; garnets can be locally abundant. The massive basalts may grade into coarse-grained gabbro that often contains poikilitic amphibole grains up to 3 cm in size. It is unclear whether these gabbroic phases represent coarse-grained flows, sub-volcanic intrusions or are due to the (contact) metamorphism of the original volcanics. Interflow bands of argillite, graphitic argillite and cherty iron formation have been identified in several areas within the mafic volcanics. To date none of these bands have been traced over a great distance (precluding their use as marker horizons).

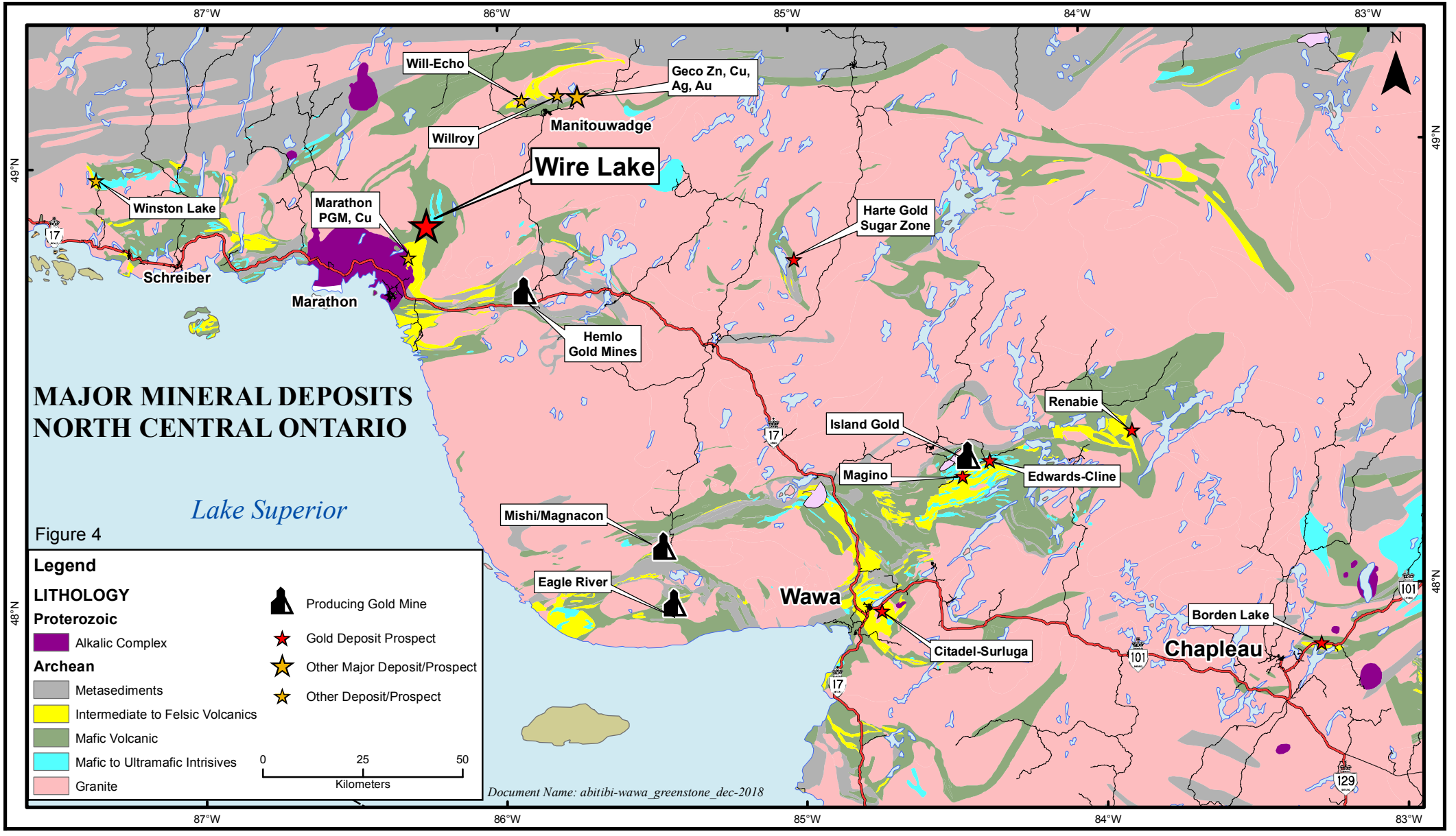
Volcanic rocks of felsic composition have not been found on the property, but do occur just to the west of the property boundary. These felsic rocks include coarse pyroclastic varieties especially in the vicinity of Page Lake. Sulphide-bearing chemical sediments that have returned significant values in base and

precious metals are associated with these felsic volcanics.

The volcanic rocks are bounded on the east by biotite granodiorite gneisses of the Black-Pic Batholith. A large and a younger (2.678 Ga; Corfu, 1994) intrusion of biotite-hornblende quartz monzonite (Gowan Lake Pluton) is present between the Batholith and the volcanic rock sequence and underlies much of the extreme eastern margin of the property. A small intrusion of biotite granodiorite is also present in the northwest part of the area. The close spatial association between this intrusive and the felsic volcanic rocks in the Page Lake Area intimates that it may represent the core to a (felsic) volcanic center. Proterozoic-age diabase dikes are common on the property; two main sets are interpreted to be present. An older set probably related to the Marathon dike swarm around 1.9 Ga trend in north and north easterly directions (Osmani, 1991). Younger dikes probably related to the Pukaskwa swarm (1.1 Ga) are observed to offset the Marathon dikes. The Pukaskwa dikes trend in a northwesterly direction. All dikes are anastomosing and extensively bifurcating.

Numerous dikes of lamprophyre typically from 0.5 m to 2 m in width are present on the property. The majority are reported to contain abundant biotite. It is thought that these dikes are closely allied to the rocks of the Coldwell Complex.

The Archean-age rocks in the region have been folded about a northeast – southwest trending, northeast plunging, anticlinal axis. The axis strikes at 038° and dips 86° SE while plunging 046°/66°. Presumed stratigraphic tops on the property would be toward the east. On the property itself Jensen (1994) reports lineation's plunging northwest at 50° and southwest between 30° and 70°.
Several faults are interpreted to be present from the geology and geophysics. Some correspond with the Marathon (i.e., northwest trending) diabase dikes. Numerous lineaments which could be related to faulting or at least jointing are discernable from air photographs, Jointing is commonly observed in the rocks and is similar in orientation to that of the diabase dikes.


87°W
86°W
85°W
84°W
83°W
49°N
48°N
N
Will-Echo
Geco Zn, Cu, Ag, Au
Manitouwadge
Willroy
Wire Lake
Winston Lake
Marathon PGM, Cu
Harte Gold Sugar Zone
Schreiber
Marathon
Hemlo Gold Mines
MAJOR MINERAL DEPOSITS
NORTH CENTRAL ONTARIO
Lake Superior
Figure 4
Renabie
Island Gold
Magino
Edwards-Cline
Mishi/Magnacon
Eagle River
Wawa
Borden Lake
Citadel-Surluga
Chapleau
17
101
129
Legend
LITHOLOGY
Proterozoic
Alkalic Complex
Archean
Metasediments
Intermediate to Felsic Volcanics
Mafic Volcanic
Mafic to Ultramafic Intrisives
Granite
Producing Gold Mine
Gold Deposit Prospect
Other Major Deposit/Prospect
Other Deposit/Prospect
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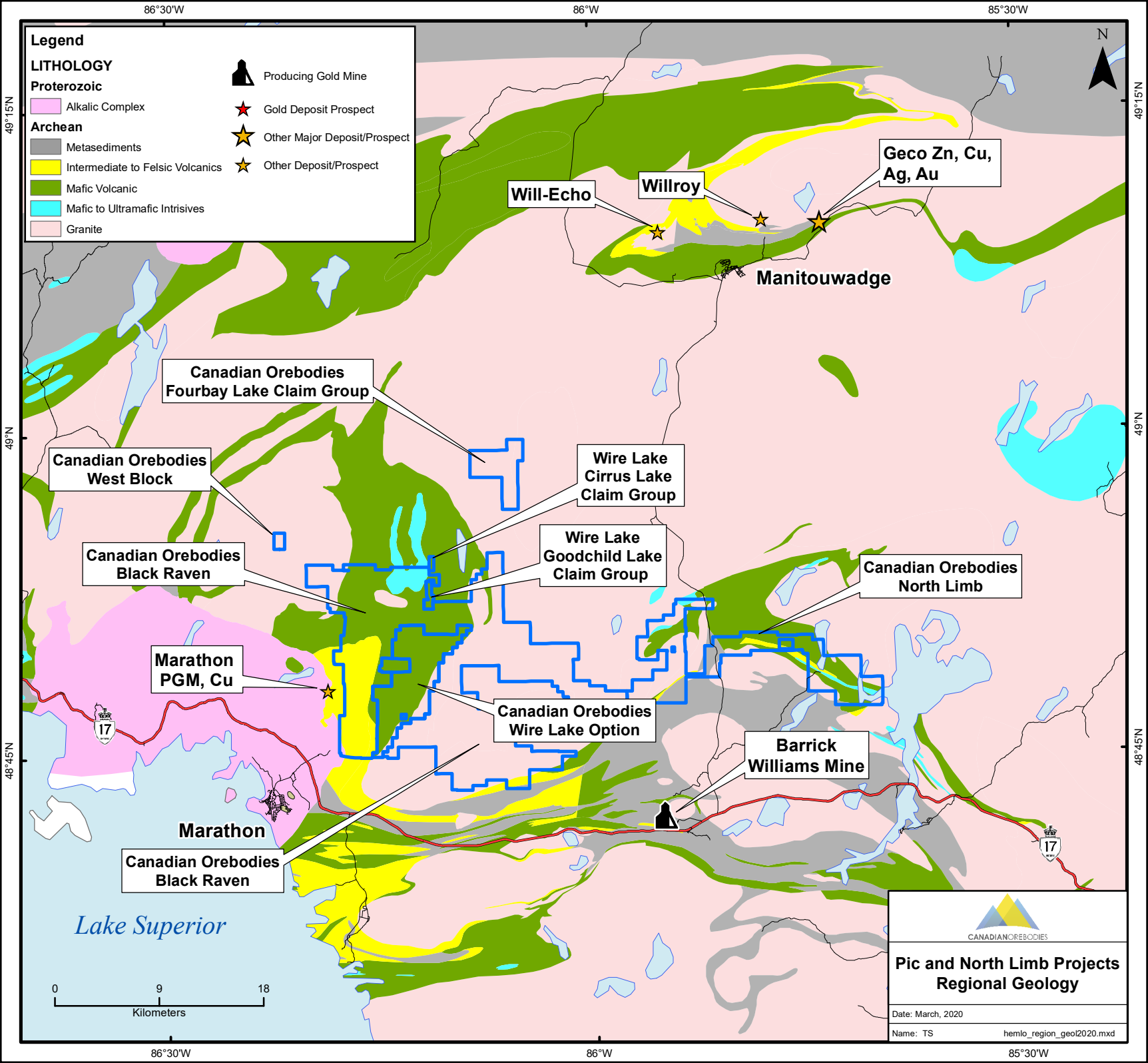
50
Kilometers
Document Name: abitibi-wawa_greenstone_dec-2018


86°30'W
86°W
85°30'W
49°15'N
49°N
48°45'N
N
Legend
LITHOLOGY
Proterozoic
Alkalic Complex
Archean
Metasediments
Intermediate to Felsic Volcanics
Mafic Volcanic
Mafic to Ultramafic Intrisives
Granite
Producing Gold Mine
Gold Deposit Prospect
Other Major Deposit/Prospect
Other Deposit/Prospect
Will-Echo
Willroy
Geco Zn, Cu, Ag, Au
Manitouwadge
Canadian Orebodies Fourbay Lake Claim Group
Canadian Orebodies West Block
Wire Lake Cirrus Lake Claim Group
Canadian Orebodies Black Raven
Wire Lake Goodchild Lake Claim Group
Canadian Orebodies North Limb
Marathon PGM, Cu
Canadian Orebodies Wire Lake Option
Barrick Williams Mine
17
Marathon
Canadian Orebodies Black Raven
Lake Superior
0
9
18
Kilometers
CANADIANOREBODIES
Pic and North Limb Projects
Regional Geology
Date: March, 2020
Name: TS
hemlo_region_geol2020.mxd

4.0 -EXPLORATION HISTORY-

4.1 WIRE LAKE CELLS-CLAIMS

Prior to Canadian Orebodies' involvement, the Wire Lake Cell-Claim Group has been moderately explored. Much of the historical work has focused on the Wire Lake Area, other areas of historical work include the Fallen Lake Area.

4.2 DETAILED DESCRIPTION OF HISTORICAL WORK

The following up to 1993 (with several additions and report references) is adapted from Jensen (1994).

Previous exploration on the Wire Lake Property consisted of:

1984: MPH Consulting Ltd. conducted an assessment data compilation and Aerodat Limited completed a combined helicopter borne magnetic and VLF surveys consisting of 450-line kilometres over 407 unpatented mining claims (Aerodat Ltd., 1984).

1985: Carlson Mines Ltd. completed an exploration program on 4 portions of the 407 mining claims. This program consisted of geological mapping (1:5000); prospecting and sampling; ground magnetic and VLF-EM geophysical surveys; and humus and stream geochemical surveys. This work was conducted on a flagged compass grid. The stream geochemical survey reported an area with up to **210ppb** gold and several locations with elevated arsenic values. The humus geochemical survey indicated several weak gold anomalies. The VLF-EM survey reported the location of 52 conductive zones. Bedrock sampling of quartz veining and sheared mafic metavolcanics in Grid D was reported to return values ranging from **1450** to **12410ppb gold** (Brereton & Willoughby (1986) and Willoughby & Roth (1986)).

1986: MPH Consulting Limited completed geological, geochemical and geophysical surveys on 4 large flagged grids within the 407 mining claims of the original property, on behalf of Carlson Mines Ltd. This program consisted of geological mapping (1:5,000); a VLF-EM geophysical survey; and a B-Horizon soil geochemical survey. This work was conducted on a flagged compass grid. Several samples of the iron formation were reported to return values from **0.01** to **0.95 oz./ton gold**. This area was reported to be similar in appearance to previously located iron formation approximately 1.6 kilometres to the south where grab samples were reported to assay as high as **0.45 oz./ton gold**. The soil geochemical survey reported 12 sample locations anomalous in gold with values ranging from **160** to **1130 ppb**. The VLF-EM survey located 86 conductive zones (Hillier et al, 1986).

1987: 915.5 metres (3,004 feet) of diamond drilling was completed south of Wire Lake under the supervision of MPH Consulting Limited. Seven of the holes of the eight-hole program were drilled in an area known as the "Discovery Zone". Intersected values were reported to range from **0.021 opt** over 1.38 metres (4.53 feet) to **0.14 opt** over 1.23metres (4.04 feet) (MPH Consulting Ltd., 1987).

1987: Combined geological and "B" Horizon geochemical surveys were conducted by D.T.E. Exploration Services Inc. and a geological survey was conducted over two flagged grids covering approximately 32 unpatented mining claims, a total of 5,295 samples were collected over the five flagged grids. A total of 2,319 samples were collected on the Discovery North Grid and indicated several interesting gold anomalies. A stripping and trenching program was also completed on the Discovery Area (Hillier, 1988[1,2,3]).

1988: Terraquest Ltd. conducted an airborne magnetic and VLF-EM survey consisting of 612-line kilometres covering portions of the 407 unpatented mining claims (Terraquest Ltd., 1988). A 2580 metre diamond drill program was completed from January to March 1988. Eight holes totalling 994m were drilled in January (Carlson Mines Ltd., 1988[1]); six holes totalling 678.5m were drilled in February

(Hillier, 1988[4]); and five holes totalling 771m were drilled in February and March (Carlson Mines Ltd., 1988[2]). This totals 2447m, but in the report there is a gap in the hole numbers between 88-17 and 88-19. According to Siriunas (1995) hole 88-18 was 136m, bringing the total up to 2580m.

1989: An extensive exploration program was conducted on a portion of the 241 unpatented mining claims. This program consisted of 120 kilometres of line-cutting, a total field magnetic geophysical survey, mechanical stripping, an IP survey and a 32- hole diamond drill program consisting of 3,468 metres. Drill Logs are reported by Hillier (1989[1]), Hillier and Gourley (1989), Black Gregor Exploration Ltd. (1991), Carlson Mines Ltd. (1989), Hillier (1990), Gourley (1989) and Hillier (1989[2]).

1989: JVX Ltd. conducted a time domain spectral induced polarization/resistivity surveys from August to October. These surveys were conducted on cut grid lines and totalled 46-line kilometres which included 4 lines south of Wire Lake and the balance north of Wire Lake to Line 3300 North.

1993: K.A. Jensen & Associates Ltd. re-logged 18 of 60 holes previously drilled on Gregor Goldfield Corp.'s Marathon Property, conducted detailed mapping and sampling on previously stripped areas, and surveyed and computerized data for a number of drill holes (Jensen, 1994).

1993-1994: Gregor Goldfields Corp. conducted a fifteen-hole, 2414m diamond drilling program on the Marathon Property (Manchuk, 1994[1]).

1994: Gregor Goldfields Corp. conducted a thirteen-hole, 2827.5m diamond drilling program on the Marathon Property, as well as a mechanical stripping program (Manchuk, 1994[2]).

1995 – 2016 no exploration was carried out as the project was subject to litigation.

2016: The ligation issues on the property were resolved and subsequently Canadian Orebodies Inc. entered into an Option Agreement to earn a 100% interest in the property.

2016: During the fall of 2016, a 2-day exploration program was carried out on the Wire Lake Property on behalf of Canadian Orebodies Inc., by Bruce MacLachlan of Emerald Geological Services and assistant Rogan Hennie. Sampling was carried out on the main Discovery trend north and south of Wire Lake, and at a small lake to the southeast of Wire Lake. In addition, numerous points of interest were documented, such as historical drill collars, trenches, survey markers, outcrops, grids, drill roads, etc. The highest-grade sample collected was S475356, which returned **6.76 gpt Au** and **151.5 ppm As**, from strongly silicified amphibolite containing 5% pyrite (MacLachlan, 2016).

May to October 2017: A geological mapping, prospecting, trenching, ground geophysics and diamond drill gold exploration program was carried out by Canadian Orebodies Inc. on the Wire Lake Property. The geological mapping program was done at 1:2000 scale and confirmed the historical extent of the Wire Lake Gold Zone, and identified its extension up to 1400m to the north through the Candlestick Zone and up to 700m to the south through the South Lake Zone. The trenching program involved ground truthing of historically mapped trenches, and 8 previously un-sampled trenches were identified, refurbished and channel sampled. Of 151 samples taken, 29 returned values of **1 gpt Au** or better and 106 samples returned anomalous results **>100 ppb Au**.

Gold mineralisation seemed to be associated with sheared and mineralised (pyrite/pyrrhotite) quartz veins in sheared and altered pillow basalts. The prospecting program on the Wire Lake Property involved the collection of 538 grab samples. Several samples hosted by narrow <1cm quartz +/- carbonate veins in small discreet shears returned **>1 gpt Au**, and the Kakeeway Zone was also discovered, which lies between 500 to 700m south of the Wire Lake Gold Zone. Work in this area revealed a gold bearing area

over 800 square meters, hosting sulphide bearing (pyrite/pyrrhotite), altered, biotitic, silicified mafic volcanics. Grab samples returned up to **10.4 gpt Au**.

The diamond drilling program consisted of twenty-two holes totalling 3069m. 20 of these holes were drilled along the Wire Lake Gold Zone; one was drilled to test the West Zone, and one was drilled to test a new gold occurrence discovered during the prospecting program (**6.96 gpt Au**, coincident with an I.P. chargeability anomaly, ~200m east of the main trend and ~530m north of Wire Lake).

1827 samples (including blanks and standards), representing a combined length of 1726.55m were collected for gold analyses. Significant gold results from the diamond drill program included 18.7m of **2.6 gpt Au** uncut (**2.0 gpt** cut), including 0.5m of **57.1 gpt** from the North hill Zone; 32.4m of **1.4 gpt Au** including 5m of **4.2 gpt** from the Lucky Seven Zone; and 18.8m of **1.8 gpt Au** including 3.1m of **5.3 gpt** from an area north of the South Lake Zone. Alteration associated with the mineralization was predominantly biotization, silicification, and often included trace to locally 10% pyrite/pyrrhotite (average 1-2%). (MacConnell and Mackie, 2017)

2018: A geological mapping, prospecting and diamond drill program was carried out by Canadian Orebodies Inc. on the Wire Lake Property. Five hundred and two grab samples were collected on the Wire Lake cells. Lithologies sampled were predominantly mafic volcanics, quartz veins, felsic intrusives and iron formation/sediments. Of those 502 grab samples, 47 returned gold assays of **0.1 gpt Au** or greater, 9 returned gold assays of **1.0 gpt Au** or greater, and 1 sample returned over **10gpt Au**: **27.3gpt Au** (sample A756242).

Most auriferous samples were discovered in the Fallen Lake Mag Anomalies Area, as well as two Zn values **>1%**: **1.63%** from sample A756287 and **1.88%** from sample A756219. Other auriferous samples were returned from the West Wire Area where gold grades up to **6360 ppb** (sample A756537) were returned from quartz veins in graphitic sediments and where gold grades up to **6180 ppb** (sample A756784) were returned from brecciated mafic volcanics with quartz fracture fill and 1% pyrite. Samples of iron formation east of Contact Lake returned up to **113ppb Au** (sample A704164), up to **1970ppm Cu** and **9370ppm Zn** (sample A704159), within a south-southeast trending lineament which strikes onto the Black Raven Property to the north (and to the south) where similar auriferous iron formation was sampled earlier in the year.

Geological mapping was carried out at many locations across the Wire Lake Property to provide a better understanding of the underlying stratigraphy and associated structures.

From October 5 to 16 of 2018 a diamond drill program was carried out on the Wire Lake Property. Five holes (WL-2018-022 to 026) totaling 976 metres were drilled. Holes WL-2017-022 (117 metres) and 023 (148 metres) was drilled to test the Kakeeway zone showing discovered during the 2017 prospecting program, south of Wire Lake. Holes WL-2017-024 (201 metres) and 025 (120m) were drilled to test an IP anomaly identified by the ground survey conducted on behalf of Canadian Orebodies in 2017. Hole WL-2018-26 (390 metres) was drilled to test down dip extension of the Lucky Seven zone (holes WL-2017-10 and 011).

Insignificant results were returned from drill holes WL-2018-22 and WL-2018-23 on the Kakeeway zone, although surface samples directly above drilling returned significant gold values up to **10 g/t**.

No significant assays were returned for drill holes WL-2018-24 and WL-2018-25.

Hole WL-2018-26 returned a significant broad zone (261.31 to 280.75m) of silicified and mafic volcanics grading at **0.87 g/t Au** over 19.54m with sample A757832 returning **3.22 g/t Au** over 1m (MacConnell, 2019).

5.0 -2019 EXPLORATION PROGRAM-

5.1 INTRODUCTION

Between June 18th and October 30th, 2018, a prospecting, geological mapping, soil and lake sediment sampling program was carried out on the Wire Lake Property located approximately 20 kilometres north of the town of Marathon, approximately 40 kilometres southwest of the town of Manitouwadge and 30 kilometres northwest of the Hemlo Mine Site, see Figure 4.

Field work was carried out from three "fly-camps" in two locations and was carried out concurrently with the field program on the adjacent Black Raven Property. Prospecting was carried out at numerous locations targeting historical showings, prospective geology and alteration, structural features identified from magnetic surveys and topographical features.

All the work and sample locations were defined using a handheld Garmin GPS. The measurements were plotted using UTM: NAD 83 in Zone 16 metric coordinates. All samples were entered in an Excel database nightly then imported into MapInfo for reviewing current work and planning future programs. All GPS tracks were downloaded daily. The tracks were saved by type (foot traverse-boat-truck), date and labeled as such, then saved to a "Master" file in MapInfo for plotting and future planning. Foot and boat traverses have been plotted on the various Figures.

A total of 160 rock samples, 187 soil and 5 lake sediment samples were collected for gold and multi-element ICP analyses. Samples collected were individually bagged and labeled; individually bagged samples were then put into rice bags for shipping to Activation Labs (Actlabs) in Timmins.

All 160 rock samples were photographed in the field and labeled by their sample number, direction the photo is taken and type (outcrop-frost heave-talus etc.). A representative rock sample "Rep" is labeled of every rock sample sent for analysis and kept for future reference. In addition to the grab sample photos, photos were collected and labeled of various outcrops and other features in the field.

A total of 109 A horizon (humus) soil samples and 78 B horizon soil samples were collected and sent for Au analysis. 129 soil samples were collected in the Porphyry Lake Area; 46 soil samples were collected in the Camp 27 Lake Area, and 12 soil samples were collected in the Contact Lake Area. Soils were placed in paper-Kraft bags, labeled and placed in plastic bins and driven to Activation Labs (Actlabs) in Timmins.

5 Lake sediment samples were collected (2 at Contact Lake on the Wire Lake Property and 3 at Camp 27 Lake) by boat using a lake sediment sampling tool and plastic sample bags.

The Rock Sample Description Table is presented in Table I, Appendix I, and Assay Certificates are presented in Appendix IV. The Soil Sample Description Table is presented in Table II, Appendix II, and Soil Assay Certificates are presented in Appendix V. The Lake Sediment Sample Description Table is presented in Table III, Appendix III, and Lake Sediment Assay Certificates are presented in Appendix VI. Descriptions of the Act Labs analytical procedures and packages is presented in Appendix VII, Statement of Costs is presented in Appendix VIII and a list of the Cell-Claims is presented in Table IV, Appendix IX, and Daily Logs are presented in Appendix X. Map Sheets A-D display the locations of the grab samples and mapped areas in relation to cell boundaries and are located in Appendix XI.

A summary of each camp's targets/objectives are discussed below.

- Contact Lake

The Contact Lake soil sampling program took place in June and was carried out in order to follow up on the Contact East Iron Formation (**428ppb Au**, **9370ppm Zn**, **1970ppm Cu)**, discovered by Canadian Orebodies operators in 2018. A portion of this zone is located on the Wire Lake Property, but the original discovery was made on the Black Raven Property at the northern end of the known exposure of the zone. A tent was set up on the west shore of Contact Lake and a boat was used to travel to the opposite side of the lake. Soil lines were designed to test a south-southeast trending magnetic high corresponding to iron formation and volcanics. A handheld GPS and compass was used to collect soil samples rather than a cut grid. A helicopter pad slightly west of camp, constructed in 2018, was used as a landing spot.

Four 100m east-northeast soil lines were run at 100m line spacing and 25m stations over the Contact East Iron Formation.

- Camp 27 Lake

The Camp 27 Lake soil prospecting, soil sampling and lake sediment sampling program was carried out in two phases during late summer and fall in order to follow up on results of up to **27.3gpt Au** discovered in 2018 by CORE operators on the west side of an elongate, small lake southeast of Fallen Lake. A camp was set up on the west side of the lake, and a boat was used to travel around the lake, ferry gear to the camp from the helicopter landing spot on the north side of the lake, and to collect lake sediment samples. A handheld GPS and compass was used to collect soil samples rather than a cut grid.

Two east-west soil lines were run at 50m spacing and 25m station intervals immediately north of Camp 27 Lake. The southern line was 400m long and the northern line was not completed and was 140m long.

-Porphyry Lake

The Porphyry Lake prospecting, mapping and soil sampling program was carried out in order to follow up on results of up to **7.8gpt Au** discovered in 2018 by CORE operators west of a small lake southeast of Fallen Lake. This program was based out of the same location and was conducted concurrently with the Camp 27 Lake program. A handheld GPS and compass was used to collect soil samples rather than a cut grid, and mapping was carried out on soil lines and around Porphyry Lake.

5 east-west soil lines were run at 75m spacing and 25m station intervals west and north of Porphyry Lake, with lines generally extending a short distance east of the lake. The most northern line was 180m long (extreme topography to the west) and the other lines were all about 450m long.

5.2 RESULTS BY AREA

One hundred and sixty grab and channel samples were collected on the Wire Lake cells. Lithologies sampled were predominantly mafic volcanics, quartz veins, felsic intrusives, and iron formation/sediments. Of those 160 grab and channel samples, 21 returned gold assays of **0.1 gpt Au** or greater, 2 returned gold assays of **1.0 gpt Au** or greater, and 1 sample returned over **10gpt Au**: **12.4gpt Au** (sample A705063).

One hundred and eighty-seven soil samples were collected during the 2019 exploration program as well as 5 lake sediment samples. Of the 187 soil samples collected, 109 were humus (A horizon) and 78 were B horizon. A horizon soil samples returned up to **104ppb Au** (sample A704866) and B horizon returned up to **42ppb Au** (sample A704841). Lake sediment samples returned up to **54ppb Au** (sample A704961).

Porphyry Lake Area Results:

A total of 90 grab samples, 79 humus samples and 50 B horizon soil samples were collected in this area during the 2019 program.

Of the soil samples collected in the Porphyry Lake Area, humus returned up to **104ppb Au**, averaging **16ppb Au** over 5 lines and 79 samples, and B horizon returned up to **31ppb Au**, averaging **7ppb Au** over 50 samples.

Humus also returned up to **3.15ppm Ag**, **169ppm Co**, **144ppm Cu, 7860ppm Mn, 5.85ppm Mo, 147ppm Pb & 707ppm Zn.** B horizon also returned up to **1ppm Ag, 186ppm Cu, 3.4ppm Mo, 32ppm Pb & 563ppm Zn.** See Map Sheet C.

Zone PL-1:

This zone, 60m southwest of Porphyry Lake, appears to correspond to the contact area between sheared mafic volcanics and a north-northeast-trending feldspar porphyry dyke(s). Sampling in 2018 returned up to **828ppb Au** (A756226) from a brecciated quartz vein in silicified mafic volcanics. Eight (8) samples (A705006-A705013) were collected in 2019 and returned up to **1150ppb Au, 153ppm Co & 668ppm Cu** (A705011) from highly rusty, sheared mafic volcanics with 20% pyrite. The interpreted feldspar porphyry dyke is 10-20m wide and appears to turn to the northeast north of that location, though further mapping and stripping would need to be done to verify this. Samples also returned up to **14ppm Mo** (A705010).

Sample A705011, 1150ppb Au

Zone PL-2:

This zone, on the southwest shoreline of Porphyry Lake, consists of quartz veining up to 20cm wide adjacent to an intermediate dyke, trending ~025 degrees. Sampling in 2018 returned up to **150ppb Au** (A756211). Seven (7) samples (A704631-A704637) were collected in 2019 and returned up to **263ppb Au** (A704633). The quartz veining and nearby lithology (intermediate dyke, pillowed volcanics) are visually similar to areas at Mag Lake ~2km along strike to the northeast.

Quartz vein and intermediate dyke (SW corner) look NE

Zone PL-3:

This zone, on the west shore of Porphyry Lake, consists of sericite schist to intensely sheared and altered mafic volcanics, trending ~045 degrees. Sampling in 2018 returned up to **225ppb Au**, **1.88% Zn, 4.2ppm Ag, 2240ppm Cu** & **304ppm Pb** (A756219). 2 samples (A704686-A704687) were collected here in 2019 and returned up to **276ppb Au, 6.08gpt Ag**, **3310ppm Zn**, **604ppm Pb** & **580ppm Cu** (A704686). It is possible that this shear zone represents the interface between mafic volcanics and felsic-intermediate volcanics (possible protolith of the sericite schist), with the latter unit disappearing in the swamp/lake. The presence of possible felsic volcanics with highly anomalous zinc and other base metals is interesting and suggests a possible VMS environment.

Zone PL-3 look NW

Zone PL-4:

This zone, ~75m north of Porphyry Lake, consists of mafic volcanics with quartz-carbonate alteration and stringers and up to 2-3% pyrite along a northeast-trending ridge. 5 samples (A705044-A705048) were collected here and returned up to **366ppb Au** (A704046). This zone appears to be roughly along strike from Zones PL-2 and PL-3. Samples also returned up to **75ppm Co, 116ppm Pb** & **6100ppm Zn** (A705045) and up to **787ppm Cu** (A705044).

Five (5) grab samples (A705002-A705003, A705063-A705065) were collected northeast of Porphyry Lake, consisting of altered, sheared mafic volcanics with quartz-carbonate alteration, quartz veining up to 5cm, and up to 4-5% pyrite. In outcrop, these samples returned up to **913ppb Au, 499ppm Cr** & **170ppm Ni** (A705002), from a 5cm quartz stringer in a mafic shear trending 195/70 degrees W in a stream gully. However, similar-looking quartz float downstream returned **12.4gpt Au & 52ppm Mo** (A705063). Samples also returned up to **2900ppm Mn** (A705003).

Thirteen (13) grab samples (A704675-A704685, A704700, A705001) were collected ~50m northwest of Porphyry Lake along a northeast-trending ridge, consisting of feldspar porphyry with minor pyrite and quartz stringers. These samples returned up to **60ppb Au & 152ppm Pb** (A704678).

Fourteen (14) grab samples (A704674, A705014-A705019, A705027-A705031, A705034-A705035) were collected west of Porphyry Lake south of sample A756201 from 2018 which returned **7.84gpt Au**. Most samples were collected on a mound-like hill at least 100m in diameter, consisting of mafic volcanics with quartz-carbonate alteration, quartz stringers and up to 4-5% pyrite. These returned up to **238ppb Au**

(A705017). Sampling also returned up to **11ppm Mo** (A705014) and **116ppm Pb** & **1240ppm Zn** (A705030).

Four (4) grab samples (A705032-A705033, A705037-A705038) were collected approximately 300m west-northwest of Porphyry Lake. A705032 & A705033 consisted of frost heaved iron formation which returned **44** and **50ppb Au** respectively, in a northeast-trending lineament where **454ppb Au**, **2.2ppm Ag**, **1.63% Zn** & 7**87ppm Cu** were returned in 2018 from sample A756287, described as sheared mafic volcanics with boudined quartz veining and 3-5% pyrite. A705037 and A705038 were collected ~160m along strike to the northeast from A705032 & A705033 and consisted of altered mafic volcanics with hornblende/biotite and an angular albite block with silicified wall rock and 0.5% pyrite, respectively. The latter returned **124ppb Au**. Samples also returned up to **453ppm Cu**, **71ppm Pb & 5060ppm Zn** (A705033).

Fifteen (15) grab samples (A705036, A705039, A705049-A705059, A705061-A705062) were collected within an east-southeast trending magnetic low corresponding to the Fallen Lake Fault, southwest to southeast of where a cluster of grab samples was collected in 2017 which returned up to **1.43gpt Au** from a 10-inch quartz block. These 15 samples largely consisted of mafic volcanics with quartz-carbonate alteration/stringers and up to 4-5% pyrite, but the highest value of **141ppb Au** was obtained from 2-3cm quartz veining within highly silicified feldspar porphyry containing 5-10% pyrite (A705058). Sampling also returned up to **101ppm Co, 847ppm Cu** & **4950ppm Zn** (A705054), and **11ppm Mo** (A705055).

Six (6) grab samples (A704693-A704698) were collected close to the southeast shore of Porphyry Lake, consisting of sericite schist or sheared mafic volcanics with moderate quartz-carbonate flooding and up to 5% pyrite. These samples returned up to **370ppb Au** (A704694) from sericite schist. Samples also returned up to **815ppm Cu** (A704693), **18ppm Mo** (A704695) and **9110ppm Zn** (A704698).

One (1) grab sample (A704699) was collected on the east shore of Porphyry Lake northeast of the previous samples and returned **2.2gpt Au** from multiple quartz-carbonate stringers with 3-4% pyrite in rusty mafic volcanics.

One (1) grab sample (A705060) was collected ~250m northeast of Porphyry Lake on the margin of a magnetic high, consisting of mafic intrusive with quartz-carbonate stringers and trace-0.5% pyrite, returning **9ppb Au** & **206ppm Ni**.

Three (3) grab samples (A704638-A704640) were collected ~80m south of Porphyry Lake and consisted of mafic volcanics with quartz-carbonate alteration and trace-0.5% pyrite, returning up to **13ppb Au** (A704639). Sampling also returned up to **31ppm Mo & 167ppm Ni** (A704638).

Camp 27 Area Results:

A total of 58 grab samples, 10 channel samples, 23 humus samples, 23 B horizon soil samples and 3 lake sediment samples were collected in this area.

Of the soil samples collected in the Camp 27 Area, humus returned up to **26ppb Au** (A704856), averaging **11ppb Au** over 23 samples, and B horizon returned up to **42ppb Au** (A704841), averaging **8ppb Au** over 23 samples.

Humus also returned up to **57ppm Cu** & **104ppm Pb.** B horizon also returned up to **24ppm Pb.**

Lake sediment samples collected at Camp 27 Lake returned up to **54ppb Au** and averaged **25ppb Au** over 3 samples. See Map Sheet B.

North Shore Zone:

This zone is a shear zone located north of Camp 27 Lake about 30m east of a **454ppb Au** grab sample and immediately north of the **54ppb Au** lake sediment sample. The zone trends approximately N/S and dips 70 degrees to the west, consisting of sericite schist or sheared mafic-intermediate volcanics. The zone runs almost from the north shore of the lake (may continue into the lake), for 220m towards the Fallen Lake Fault to the north, where we were unable to locate the extension. 28 samples (A704622-A704624, A704646-A704670) were taken along or adjacent to this zone, with a cluster of anomalous samples (A704646-A704660) in one location ~110m north of the lake returning up to **318ppb Au & 36ppm Mo** (A704649) from a quartz vein within rusty sericite schist. Much of this zone, including the contact with overlying mafic volcanics, is exposed along the western wall of a N/S trending swampy lineament, but is open to the east for 10-15m within the lineament. Sampling also returned up to **44ppm Pb** (A704650) and **1560ppm Zn** (A704658).

North Shore Zone look S

Quartz veining in North Shore Zone look W

Three (3) grab samples (A704619-A704621) were collected on the north shore of Camp 27 Lake (eastern part) and consisted of rusty quartz veins in sericite schist, where sampling in 2018 had returned up to **54ppb Au** (A756239). Sampling in 2019 returned up to **452ppb Au** (A704619). In this area there may be north-trending contacts between alternating mafic volcanics and intermediate-felsic volcanics. Sampling also returned up to **1370ppm Zn** (A704620).

Contact, mafic volcanics (left) and intermediate volcanics (right), N shore of Camp 27 Lake look N

Five (5) grab samples (A704641-A704645) were collected in a stream bed ~200m west of Camp 27 Lake, which flows moderately steeply to the west. They consisted of mafic volcanics with quartz-carbonate alteration and stringers and up to 1% pyrite, returning up to **192ppb Au & 1810ppm Zn** (A704643). Samples also returned up to **3290ppm Mn** (A704642).

Six (6) grab samples (A704627-A704630, A704673, A705004) were collected in the vicinity of the **27.3gpt Au** sample (A756242) from 2018, or roughly along strike to the southwest. These consisted mainly of altered mafic volcanics (possible amphibolite) with quartz-carbonate alteration and quartz-carbonate-albite stringers. These returned up to **10ppb Au** (A704673) from an angular frost heaved block (or float) of sheared and silicified mafic volcanics with trace pyrite, in an upturned root. Samples also returned up to **500ppm Cr** (A704629).

One (1) grab sample (A704626) was collected on the north shore of Camp 27 Lake (western part) and consisted of coarse-grained gabbro with minor carbonate alteration, returning **6ppb Au**.

Three (3) grab samples (A704618, A704625, A704672) were collected on the south shore of Camp 27 Lake and returned up to **70ppb Au** from sample A704672, consisting of frost heaved amphibolite or gabbro with a rusty 1-2cm quartz stringer and trace-1% pyrite.

One (1) grab sample (A705005) was collected 320m south-southwest of Porphyry Lake and consisted of feldspar porphyry with quartz stringers and 2-3% pyrite. This sample returned **27ppb Au**. 3 grab samples were collected here in 2018 and returned up to **26ppb Au** (A756272).

Four (4) grab samples (A704689-A704692) were collected at a pond 400m south of Porphyry Lake. These returned up to **7ppb Au** from sample A704689, an extremely rusty and altered angular boulder with 1% chalcopyrite blebs adjacent to a beaver dam, which may have been altered feldspar porphyry based on local texture and based on another nearby angular block (A704690) which looked like feldspar porphyry and contained 1% disseminated pyrite.

One (1) grab sample (A704688) was collected 150m north of the previous pond and consisted of a 10cm+ angular quartz block in an old stream bed, with hematite and 0.5% pyrite throughout. This sample returned **50ppb Au** & **11ppm Mo**. The source of this quartz was never located but it is doubtful that it came very far downstream or down ice. There is much overburden in this area.

Sample A704688, 50ppb Au, 11ppm Mo

One (1) grab sample (A705040) was collected north of Camp 27 Lake (far eastern part) and consisted of a subangular syenogranite float with minor-moderate quartz stringers. This sample returned **<5ppb Au**.

One (1) grab sample (A704671) was collected southeast of Camp 27 Lake and consisted of a rusty, subangular monzonite float. This sample returned **12ppb Au**.

Three (3) channel samples (A705020-A705022) were collected at the North Shore Zone where a cluster of anomalous samples up to **318ppb Au** were returned from sampling earlier in the summer. These returned **46ppb Au** / 1m (A705020), **94ppb Au** / 0.6m (A705021), and **53ppb Au** / 1.2m (A705022).

Four (4) channel samples (A705023-A705026) were collected on the north shore (western part) of Camp 27 Lake to test several quartz-carbonate-albite stringers. These samples returned **<5ppb Au**.

Three (3) channel samples (A705041-A705043) were collected on the west shore of Camp 27 Lake. Sample A705043 tested the **27.3gpt Au** showing and returned **245ppb Au** / 0.55m. The other two samples were collected along strike to the southwest, testing similar-looking quartz-carbonate-albite stringers, and returned **<5ppb** Au.

Porphyry West (Fallen Creek) Area Results:

A total of 10 grab samples were collected in this area. They consisted mainly of quartz stringers and iron formation and returned up to **22ppb Au** (A705075) from sheared and silicified iron formation with 1-2% pyrite. Nearby frost heaved iron formation with quartz veining (possibly remobilized silica from chert layers?) and 5-10% pyrite was uncovered that returned up to **16ppb Au** (A705071). The iron formation was not only sheared but locally folded, which reflects macro-scale interpreted folding. This area may be close to the nose of a synform whose conjoining antiform is intruded by the Beggs Lake Stock to the northwest. See Map Sheet D.

Sample A705072, quartz veining with pyrite in iron formation, 8ppb Au

Sheared zone of iron formation, samples A705074-A705075 look S

Folded iron formation in hand specimen

Contact Lake Area Results:

Four lines of A horizon (humus) and B horizon soil samples were collected across the Contact East Iron Formation east of Contact Lake, where sampling in 2018 returned up to **428ppb Au**. This showing was located on the Black Raven Property, but sampling of the same iron formation along strike to the south on the Wire Lake Property returned up to **137ppb Au** and up to **9370ppm Zn**.

A total of 20 A horizon (humus) samples and 17 B horizon samples were collected. Of these 6 humus samples and 5 B horizon samples were collected on the Wire Lake Property. A total of 5 lake sediment samples were collected at Contact Lake of which two were situated on the Wire Lake Property and the other three samples on the portion of Contact Lake which is located on the adjacent Black Raven Property.

Of all the soil samples collected across the Contact East Iron Formation, humus returned up to **30ppb Au** (averaging **19ppb Au** over 4 lines and 20 samples) and B horizon returned up to **18ppb Au** (averaging **8.5ppb Au** over 17 samples). Humus also returned up to **0.93ppm Ag, 162ppm Co, 60ppm Cu, 8410ppm Mn, 14.3ppm Mo, 105ppm Pb & 539ppm Zn.** B horizon also returned up to **26ppm Co, 62ppm Cu**, **1370ppm Mn**, **5.5ppm Mo** & **174ppm Zn**. On the Wire Lake Property alone, soils returned up to **30ppb Au** from humus and up to **12ppb Au** from B horizon. See Map Sheet A.

6.0 -DISCUSSION OF RESULTS AND RECOMMENDATIONS-

6.1 DISCUSSION OF RESULTS

The 2019 Program was successful in advancing gold discoveries from 2017 and 2018 and identifying new areas of interest for gold exploration.

The highest priority target is the Porphyry Lake Area where widespread gold mineralization in rock and soil has been identified over an east-west extent of about 450m and over a north-south extent of about 400m. Sampling in 2019 returned up to **12.4gpt Au** from angular quartz float in a stream bed just north of the lake, with similar-looking quartz upstream in sheared mafic volcanic outcrop returning **913ppb**. Soil sampling returned up to **104ppb Au** from humus and **31ppb Au** in B horizon from the same sample west of the lake. Mineralization appears to be predominantly associated with northeast-trending structures in mafic-intermediate volcanics, with shearing, quartz-carbonate alteration, quartz veining and pyrite.

Other highlights from the 2019 Porphyry Lake sampling and mapping program include: **1150ppb Au** southwest of Porphyry Lake from sheared mafic volcanics close to the contact with a feldspar porphyry dyke that has been interpreted to be 10-20m wide and to run from southwest of Porphyry Lake to northwest of the lake, and **370ppb Au** close to the southeast shoreline of Porphyry Lake, from sericite schist. In the vicinity of the sericite schist, mafic volcanics with moderate quartz flooding and 5% very fine pyrite returned **0.9% Zn**. Sericite schist is also present on the northwest shore of the lake, where sampling in 2018 and 2019 has returned up to **276ppb Au**, **1.9% Zn, 2240ppm Cu & 604ppm Pb.** The protolith of the sericite schist in both cases may be felsic-intermediate volcanics, in which case its association with anomalous base metals is very interesting and suggests potential VMS-style mineralization. 330m west of Porphyry Lake, iron formation has been identified in a northeast-trending lineament, as well as sheared mafic volcanics which returned **454ppb Au** and **1.6% Zn**. There are several other Zn anomalies in soil and bedrock in the Porphyry Lake Area, with less anomalous Ag, Cu & Pb, as well as Co, Mn & Mo.

The majority of anomalous samples from 2017 to 2019 were collected within a magnetic high anomaly west of Porphyry Lake, with several clusters collected within a southeast-trending magnetic low corresponding to the Fallen Lake Fault north of Porphyry Lake.

The magnetic anomaly appears to coincide with the eastern limb of a northeast-plunging synform, which runs north up to Mag Lake and possibly beyond. Northeast-plunging folding has been observed in outcrop at Porphyry Lake and at Mag Lake 2km to the northeast. At Mag Lake the high magnetics are at least partially explained by abundant, locally sheared banded iron formation. As mentioned above, some iron formation has been observed 330m west of Porphyry Lake within a northeast-trending lineament. As there are several swampy northeast-trending lineaments between there and Porphyry Lake, there may be more iron formation in the area which may explain the magnetic high. In 2018, iron formation at Mag Lake 2.2km northeast of the **1.9% Zn** sample at Porphyry Lake returned **3.5% Zn.** Very little exploration has been conducted in between the two lakes, where there is another prominent magnetic anomaly over 1km in length. Very limited sampling along this anomaly in 2018 returned up to **76ppb Au** and **0.6% Zn**.

The folded package of rocks, identifiable by its magnetic signature and consisting largely of mafic volcanics, iron formation and local felsic volcanics where mapped, appears to extend to the Smoke Lake Area where it forms a 'kinked' or somewhat 'boxy' antiform, intruded in the nose by the Beggs Lake Stock. There are historical base metal anomalies within the interpreted fold structure in this area, such as **1.51% Cu** west of Budall Lake, **2.76% Zn**, **358ppb Au** & **6.92ppm Ag** northwest of Budall Lake, **1.97% Zn**, **2810ppm Cu** & **6ppm Ag** on the east shore of Budall Lake, **5.78% Zn**, **12.4ppm Ag** & **528ppm Co** at Moosehorn Lake east of Budall Lake, **1.1% Cu & 0.12% Zn** west of Roccian Lake, **7160ppm Zn**, **2020ppm Cu** & **3.8ppm Ag** slightly north of Smoke Lake, and **8860ppm Zn** slightly north of Smoke Lake (MacTavish, 2002). It is not clear if this package of rocks continues northeast of Mag Lake or if it folds back to the southeast in the Contact Lake Area, where gold-bearing iron formation was discovered in 2018. In that case there would be a fold nose northeast of Mag Lake and northwest of Contact Lake. Folding was also observed approximately 1km southwest of Fallen Lake close to the nose of the interpreted synform, where sheared and folded iron formation with quartz veining and 5-10% pyrite was located.

Most of the Contact Lake Area is located on the Black Raven Property; however, the southern strike extension of the Contact East Iron Formation is on the Wire Lake Property, with gold values up to **113ppb Au** (A704164). Washing and sampling at the Contact East Iron Formation (2018, up to **428ppb Au**) in 2019 confirmed anomalous Au with up to **252ppb Au** being returned. Folding of chert layers was also observed at the zone after washing as well as possible altered feldspar porphyry. Soil sampling in the vicinity of the Contact East Iron Formation returned up to **30ppb Au** from humus and **18ppb Au** from B horizon, further confirming anomalous Au in the area.

According to Peter (2003), metalliferous iron formation can be spatially associated or coincident with base metal deposits, such as in the Bathurst and Broken Hill mining camps, or host the deposit such as the Gamsberg Zinc mine in South Africa. It is thought that buoyant plumes from hydrothermal vents in volcanic arcs, back-arc basins, spreading ridges or rifts carried particulates (sulphide, carbonate, silicate or oxyhydroxide) which settled to form "Algoma-type" iron formations, rich in Fe, Mn, Zn, Cu & Pb. These Algoma-type iron formations can be laterally extensive over many kilometers away from a vent, and there can be multiple vents over a large area. Deposits such as Broken Hill are associated with an Mn-enrichment halo around the deposit and an increase in garnet towards the deposit. As mentioned above, Mn-rich rocks have been observed at the Contact East Iron Formation up to **1.51% Mn,** with lesser Mn anomalies in the Mag Lake Area, and garnet-bearing rocks in the Mag Lake Area are directly associated with Zinc grades up to **3.5% Zn** from grab samples, which may or may not be significant. If the Budall

Lake to Contact Lake iron formations are all part of the same folded stratigraphic sequence, there is a possibility that zinc-bearing iron formations could be used as marker horizons across the property, which would represent 15km or more of prospective surface geology to explore for base metal mineralization, whether within iron formation or especially felsic volcanic rocks close to ancient vents (in addition to the prospective Page Lake Area). Felsic volcanics have been observed locally along this folded trend, including felsic fragmentals at Roccian Lake and what appear to be felsic volcanics at Porphyry Lake, though primary textures are less obvious here due to intense shearing. Based on magnetic data, it appears that the same package of rocks folds back to the north southeast of Contact Lake, hugging the granite contact for many kilometers towards the Cirrus Lake Area. Extensive iron formation was observed in outcrop in 2018 by CORE operators west of an elongate lake southeast of Cirrus Lake. While most of these areas are located on the Black Raven Property, there is considerable underexplored ground southwest of Fallen Lake within an interpreted synform on the Wire Lake Property. Given that Zinc predominates by far over Lead and Copper mineralization in known showings, and sphalerite is not conductive, this may explain why previous property-wide airborne EM surveys have not returned large anomalies. Considering the widespread orogenic gold mineralization on the property, iron formations, representing potential chemical and structural traps, are also important gold exploration targets, particularly where they coincide with fold hinges, fold limbs, axial planar fracturing and other cross-cutting faults, or felsic intrusions such as the Beggs Lake Stock.

In the Camp 27 Area, the North Shore Zone, which returned up to **318ppb Au** from quartz veining in sericite schist, (with **452ppb Au** being returned from quartz in sericite schist further to the southwest) is an interesting target given that it is open to the east within a north-south-trending lineament, given the suggestion of parallel zones, and given a **54ppb Au** lake sediment anomaly immediately to the south. Soil sampling in this area also revealed somewhat anomalous Cu and Pb, and in bedrock there were weak Zn, Pb and Mo anomalies relative to background values, up to **1560ppm Zn**, **44ppm Pb** & **36ppm Mo** respectively at the North Shore Zone. These anomalies in conjunction with alternating mafic and intermediate-felsic volcanics may be important.

The **27.3gpt Au** showing from 2018 consisted of ~0.5m of quartz-carbonate+/-albite stringers in mafic volcanics, containing pyrite and chalcopyrite. The strike extension of this zone could not be located to the north or south during the 2019 program. Channel sampling returned **245ppb Au** / 0.55m. The zone is well-exposed here and not open across strike.

6.2 - RECOMMENDATIONS -

-A backhoe stripping program at various targets in the Porphyry Lake Area, followed by drilling a fence of holes across the magnetic-high feature, beginning northwest of the magnetic high feature and drilling a series of successive holes in a southeast direction.

-A backhoe stripping program at the North Shore Zone located north of Camp 27 Lake, followed by drilling only if warranted. Drilling should be carried out from west to east, as the zone dips 70 degrees to the west.

-A prospecting, mapping and soil sampling program on the magnetic high feature located northeast of Porphyry Lake and southwest of Mag Lake, followed by mechanical stripping and drilling if warranted.

-A High Resolution Airborne Magnetic survey consisting of a 50-metre line spacing, from Porphyry Lake to Contact Lake Area and west to Page Lake on the adjacent Black Raven Property.

-Reconnaissance prospecting at Contact West, CR-1 South and 2018 samples southwest of Fallen Lake.

-Soil sampling north of Camp 27 Lake.

-A backhoe stripping program in the vicinity of the Contact East Iron Formation, followed by drilling if warranted.

7.0 -STATEMENT OF QUALIFICATIONS-

I, Bruce A. MacLachlan P. Geo (Limited), residing at 222 Emerald St., Timmins, Ontario, do hereby certify that:

1) Canadian Orebodies Inc. currently contracts me as a consulting Geological Technician and Prospector.

2) I am a P. Geo (Limited)., registered in the province of Ontario (APGO No. 1025).

3) I have continuously practiced my profession as a Geological Technician and Prospector for over 36 years. I have prepared reports, conducted, supervised and managed exploration programs for several major and junior mining companies including Noranda Exploration Company Limited, CanAlaska Uranium Ltd., Noront Resources Ltd., Bold Ventures Inc. and others.

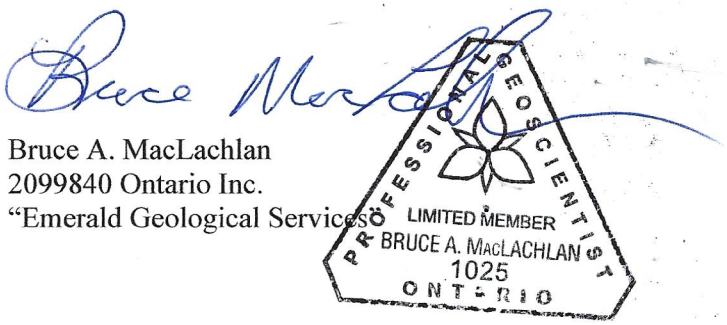
4) I am author of this report titled 'Work Report of the Summer 2019 Exploration Program on the Wire Lake Project, Hemlo Area, Ontario for Canadian Orebodies Inc.'

5) I have worked extensively across the Property.

6) I have been involved with the mineral Property that forms the subject of this report since Canadian Orebodies acquired the property in 2016.

Dated at Timmins, Ontario, this 27th day of March 2020.

"Bruce A. MacLachlan" P. Geo (Limited) APGO No. 1025
(Signed and Sealed)



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"Emerald Geological Services"

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APPENDIX I

Rock Sample Descriptions
(Table I)

Table I	Wire Lake Rock Sample Descriptions													
Sample	**Easting**	**Northing**	**Date**	**Elevation**	**Type**	**Area**	**Project**	**Claim**	**Sample Type**	**Rock Type**	**Rock Code**	**Description**	**Lab Certificate No.**	**Au_ppb_final**
A704561	562545	5411330	26-Jun-19	370	Grab	East of Contact Lake	Wire Lake	265572	Frost Heave	Mafic Volcanic	MV	Rusty, weakly sheared mafic volcanic with minor quartz-carb alteration and trace pyrite.	A19-09210	34
A704576	562327	5411363	30-Jun-19	352	Grab	East of Contact Lake	Wire Lake	218352	Frost Heave	Mafic volcanic	MV	Mafic volcanic with weak-moderate foliation, 1-2cm siliceous band. Minor rust.	A19-09210	2.5
A704618	560119	5409623	12-Aug-19	400	Grab	S Shore 27 Lake	Wire Lake	288079	Frost Heave	Amphibolite	AMP	Amphibolite with minor-moderate up to 0.5cm quartz-carb stringers, minor rust, trace pyrite on fracture planes. Frost heave close to similar outcrop with folded felsic/qtz stringers trending ~15 degrees, cut by multiple 1-2mm stringers at 110 degrees.	A19-11653	2.5
A704619	560107	5409768	12-Aug-19	403	Grab	N Shore 27 Lake	Wire Lake	319970	Frost Heave	Quartz	QTZ	Glassy, granular quartz in rusty sericite schist (possible intermediate volcanic host). At site of J. Bjorkman sample from last year.	A19-11653	452
A704620	560107	5409766	12-Aug-19	402	Grab	N Shore 27 Lake	Wire Lake	319970	Frost Heave	Sericite Schist	SS	2m S of previous. Rusty, silicified sericite schist with 2-3% fine pyrite, locally in seams/stringers.	A19-11653	24
A704621	560107	5409764	12-Aug-19	402	Grab	N Shore 27 Lake	Wire Lake	319970	Frost Heave	Quartz	QTZ	2m S of previous. Glassy, granular quartz in rusty sericite schist.	A19-11653	20
A704622	560135	5409752	12-Aug-19	402	Grab	N Shore 27 Lake	Wire Lake	319970	Frost Heave	Intermediate Volcanic	IVOL	Rusty, silicified intermediate volcanic with 3-4% pyrite, locally in seams/stringers. Minor-moderate sericite/mica.	A19-11653	19
A704623	560139	5409768	12-Aug-19	403	Grab	N Shore 27 Lake	Wire Lake	319970	Outcrop	Intermediate Volcanic	IVOL	Rusty, weakly-moderately silicified intermediate volcanic with minor up to 0.5cm quartz stringers, minor-moderate sericite, 1-2% pyrite. Foliation/shearing strikes 180/70 degrees west.	A19-11653	2.5
A704624	560150	5409736	12-Aug-19	386	Grab	N Shore 27 Lake	Wire Lake	319970	Outcrop	Mafic Volcanic	MV	Rusty, weakly schistose, weakly-moderately silicified mafic volcanic with 1-2% fine pyrite. Fractured outcrop.	A19-11653	2.5
A704625	560073	5409647	12-Aug-19	404	Grab	S Shore 27 Lake	Wire Lake	194336	Outcrop	Mafic Volcanic	MV	Mafic volcanic with some NNE and 110 degree quartz-carb stringers, the latter cutting the former. 1% pyrite.	A19-11653	2.5
A704626	559944	5409777	12-Aug-19	391	Grab	N Shore 27 Lake	Wire Lake	263769	Outcrop	Gabbro	GAB	Rusty coarse-grained gabbro with minor carb alteration.	A19-11653	6
A704627	559846	5409799	12-Aug-19	392	Grab	W Shore 27 Lake	Wire Lake	263769	Outcrop	Amphibolite	AMP	Rusty, weakly sheared amphibolite with minor quartz-carb alteration, minor mica, 1% pyrite. Fractured outcrop.	A19-11653	2.5
A704628	559848	5409797	12-Aug-19	392	Grab	W Shore 27 Lake	Wire Lake	263769	Frost Heave	Quartz Vein	QV	Quartz-albite (?) block, seems to be frost heave but may be angular float.	A19-11653	2.5
A704629	559789	5409759	12-Aug-19	396	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Quartz Vein	QV	2-3cm quartz-albite (?) vein in mafic volcanic. Minor-moderate quartz-albite alteration, trace-1% pyrite overall. Fractured outcrop.	A19-11653	2.5
A704630	559781	5409752	12-Aug-19	396	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Moderately sheared mafic volcanic with minor-moderate quartz and mica along shear planes. Shear strikes 188 degrees/subvertical dip or slightly to west.	A19-11653	6
A704631	559393	5410041	13-Aug-19	355	Grab	W Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Quartz Vein	QV	Small frost heave quartz block, glassy, granular, white to grey. Minor rust, some silicified wall rock, 1% pyrite overall in quartz and wall rock.	A19-11653	64
A704632	559383	5410030	13-Aug-19	356	Grab	W Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Quartz Vein	QV	Small frost heave quartz block, glassy, granular, white to grey. Minor rust, some silicified mafic volcanic wall rock, 1-2% pyrite overall in quartz and wall rock.	A19-11653	197
A704633	559383	5410028	13-Aug-19	356	Grab	W Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Quartz Vein	QV	Small frost heave quartz block, glassy, granular, white to grey. Minor rust, minor silicified mafic volcanic wall rock, 1% pyrite overall in quartz and wall rock.	A19-11653	263
A704634	559386	5410028	13-Aug-19	347	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Quartz Vein	QV	Glassy, white to orange quartz from fractured outcrop. Trace-0.5% pyrite, minor silicified pyritic wall rock which appears to be intermediate intrusive rock.	A19-11653	25

A704635	559386	5410027.5	13-Aug-19	347	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Quartz Vein	QV	Glassy, white to orange, rusty quartz from fractured outcrop. 1% pyrite.	A19-11653	165
A704636	559387	5410027.5	13-Aug-19	347	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Quartz Vein	QV	Glassy, white to orange quartz from fractured outcrop. Some intermediate intrusive wall rock, 3-4% pyrite overall. Some larger pyrite cubes in vein vugs.	A19-11653	27
A704637	559386	5410017	13-Aug-19	348	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Quartz Vein	QV	Glassy, white to orange quartz vein, 1-2% pyrite. About 20cm wide here and exposed for <1m along strike, trending ~025 degrees.	A19-11653	26
A704638	559373	5409928	13-Aug-19	353	Grab	S of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Mafic volcanic with minor quartz-carb alteration, minor-moderate rust, trace-0.5% pyrite.	A19-11653	6
A704639	559390	5409893	13-Aug-19	351	Grab	S of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Mafic volcanic with minor-moderate quartz-carb alteration, minor-moderate rust, trace-0.5% pyrite.	A19-11653	13
A704640	559390	5409889	13-Aug-19	351	Grab	S of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Mafic volcanic with minor-moderate quartz-carb alteration, minor-moderate rust, trace pyrite.	A19-11653	5
A704641	559592	5409728	13-Aug-19	369	Grab	W of 27 Lake	Wire Lake	299370	Float	Mafic Volcanic	MV	Mafic volcanic with minor quartz-carb alteration/stringers, minor-moderate rust, trace-0.5% pyrite. Angular float in old stream bed.	A19-11653	7
A704642	559646	5409743	13-Aug-19	385	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic with moderate quartz-carb alteration, trace-1% pyrite. From rusty outcrop area exposed along old stream bed.	A19-11653	2.5
A704643	559654	5409736	13-Aug-19	390	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor quartz-carb alteration, minor-moderate rust, 1% pyrite.	A19-11653	192
A704644	559658	5409736	13-Aug-19	390	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor 2-3mm quartz-carb stringers, minor-moderate rust, trace pyrite in stringers. 115 degree fractures here.	A19-11653	10
A704645	559679	5409740	13-Aug-19	394	Grab	W of 27 Lake	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Weakly sheared mafic volcanic with 1cm quartz-carb stringer, minor-moderate quartz-carb alteration, minor-moderate rust, trace pyrite.	A19-11653	10
A704646	560139	5409830	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Rusty, weakly-moderately silicified sericite schist in N/S shear adjacent to mafic volcanic rocks. Host unknown, possibly mafic or intermediate volcanics? Trace-0.5% visible fine pyrite.	A19-11653	42
A704647	560139.2	5409830.5	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, silicified sericite schist, trace-0.5% visible fine pyrite.	A19-11653	8
A704648	560139.2	5409831	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, trace visible pyrite.	A19-11653	39
A704649	560139	5409831.8	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Quartz Vein	QV	Same shear zone as previous. Glassy, white-orange to smoky grey-black quartz vein in rusty sericite schist.	A19-11653	318
A704650	560139	5409832.6	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, trace-1% visible fine pyrite. Minor visible calcite crystals.	A19-11653	112
A704651	560139.5	5409833.4	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Very rusty, highly silicified sericite schist.	A19-11653	15
A704652	560139	5409833.6	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, 10% fine disseminated pyrite.	A19-11653	37
A704653	560138.8	5409834.8	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, moderately-highly silicified sericite schist, 5% very fine disseminated pyrite.	A19-11653	146
A704654	560139	5409835.2	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, 20-30% very fine disseminated pyrite.	A19-11653	56
A704655	560139.4	5409834.8	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, 1-2% fine to blebby visible pyrite.	A19-11653	36

A704656	560138.9	5409836	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Quartz Vein	QV	Same shear zone as previous. ~5cm glassy, granular, white-orange to smoky grey quartz vein following shear planes. 5% pyrite, trace-0.5% chalcopyrite blebs, some well-formed mica.	A19-11653	37
A704657	560139.4	5409835.5	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Quartz	QV	Same shear zone as previous. Rusty, glassy quartz flooding sericite schist, trace visible pyrite. Fractured outcrop.	A19-11653	59
A704658	560139.2	5409836.1	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, moderately-highly silicified sericite schist, 10% very fine visible pyrite.	A19-11653	28
A704659	560139.2	5409837.3	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Very rusty, highly silicified sericite schist, 2-3% visible pyrite.	A19-11653	39
A704660	560139.2	5409837.9	14-Aug-19	417	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same shear zone as previous. Rusty, highly silicified sericite schist, trace visible pyrite.	A19-11653	35
A704661	560147	5409961	15-Aug-19	410	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Mafic Volcanic	MV	Rusty, weakly-moderately sheared, weakly-moderately silicified mafic volcanic in at least 1m wide shear at top of E-W trending hill. Trace fine pyrite. Shear strikes 176/79 degrees W. Strike extension to north of zone from August 14th.	A19-11653	5
A704662	560142	5409934	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Intermediate Volcanic	IVOL	Strike extension of previous zone to S. Rusty, weakly-moderately sheared, weakly-moderately silicified intermediate volcanic. Trace visible pyrite. 176/83 degrees W.	A19-11653	2.5
A704663	560142	5409931	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Intermediate volcanic	IVOL	Same zone as previous. Rusty, silicified intermediate volcanic with minor sericite, trace visible pyrite, minor rusty fractures with pyrite.	A19-11653	2.5
A704664	560138	5409930	15-Aug-19	418	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Intermediate Volcanic	IVOL	Same zone as previous, 3-4m west of previous across strike. Rusty, silicified intermediate-mafic volcanic, minor quartz, trace-1% pyrite.	A19-11653	2.5
A704665	560139	5409923	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Strike extension of previous zone to S. Rusty, silicified sericite schist with minor quartz, trace visible pyrite.	A19-11653	2.5
A704666	560138	5409924	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same zone as previous. Rusty, silicified sericite schist with minor quartz, trace visible pyrite.	A19-11653	2.5
A704667	560142	5409924	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same zone as previous. Rusty, weakly-moderately silicified sericite schist with minor quartz, trace visible pyrite.	A19-11653	2.5
A704668	560142	5409921.2	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same zone as previous. Rusty, silicified sericite schist, 1% visible pyrite.	A19-11653	2.5
A704669	560142	5409920	15-Aug-19	416	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Sericite Schist	SS	Same zone as previous. Rusty, highly silicified sericite schist, 5% pyrite, elongated along shear planes.	A19-11653	30
A704670	560141	5409801	15-Aug-19	399	Grab	N of 27 Lake	Wire Lake	319970	Outcrop	Intermediate Volcanic	IVOL	Strike extension of previous zone to S. Rusty, weakly-moderately silicified intermediate volcanic with minor sericite, trace visible pyrite.	A19-11653	2.5
A704671	560336	5409275	16-Aug-19	409	Grab	SE of 27 Lake	Wire Lake	288079	Float	Monzonite	MONZ	Subangular rusty, altered monzonite float.	A19-11653	12
A704672	560121	5409616	16-Aug-19	390	Grab	S Shore 27 Lake	Wire Lake	288079	Frost Heave	Amphibolite	AMP	Amphibolite (or gabbro?) with 1-2cm rusty grey-white quartz stringer, trace-1% pyrite, mainly in wall rock. Frost heave or possibly fractured outcrop.	A19-11653	70
A704673	559777	5409720	17-Aug-19	402	Grab	W of 27 Lake	Wire Lake	263769	Float	Mafic Volcanic	MV	Rusty, sheared, weakly-moderately silicified mafic volcanic, trace pyrite. Angular float in upturned root, may be frost heave.	A19-11653	10
A704674	559322	5410133	21-Aug-19	363	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty Mafic Volcanic with minor quartz-carb alteration/stringers.	A19-11653	10
A704675	559368	5410103	21-Aug-19	360	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Feldspar Porphyry with minor quartz stringers, trace-1% pyrite in quartz and wall rock, minor rust.	A19-11653	11

A704676	559367.5	5410102.5	21-Aug-19	360	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Feldspar Porphyry with minor-moderate quartz stringers, 1% pyrite.	A19-11653	29
A704677	559379	5410086	21-Aug-19	359	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Feldspar porphyry with minor-moderate rust, 1% disseminated pyrite. Frost heave/talus on NE-trending hill.	A19-11653	10
A704678	559379	5410085	21-Aug-19	359	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Altered, weakly-moderately silicified, rusty feldspar porphyry, 0.5% pyrite.	A19-11653	60
A704679	559376	5410082	21-Aug-19	359	Grab	W of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Rusty feldspar porphyry, 0.5% disseminated pyrite.	A19-11653	14
A704680	559370	5410076	21-Aug-19	359	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Rusty feldspar porphyry, trace-0.5% pyrite. Frost heave/talus on NE-trending hill.	A19-11653	2.5
A704681	559373	5410079	21-Aug-19	354	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Rusty, weakly-moderately silicified, weakly sheared feldspar porphyry. 0.5% pyrite.	A19-11653	2.5
A704682	559369	5410076.5	21-Aug-19	352	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Rusty feldspar porphyry, 0.5% disseminated pyrite. Frost heave/talus on NE-trending hill.	A19-11653	16
A704683	559369	5410076	21-Aug-19	352	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Quartz Vein	QV	Up to 1cm glassy, white-orange quartz stringer in feldspar porphyry, 1% pyrite overall. Frost heave/talus on NE-trending hill.	A19-11653	7
A704684	559372.5	5410078.5	21-Aug-19	354	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Very rusty, sheared, moderately-strongly silicified/bleached feldspar porphyry. Trace visible pyrite. Frost heave/talus on NE-trending hill.	A19-11653	59
A704685	559357	5410034	21-Aug-19	356	Grab	W of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Feldspar porphyry with 0.5% disseminated pyrite throughout, minor rust.	A19-11653	5
A704686	559443	5410082	21-Aug-19	355	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Rusty, sheared mafic volcanic, trace-0.5% visible pyrite. 042 degrees/subvertical or slight dip to SE.	A19-11653	276
A704687	559440	5410082	21-Aug-19	355	Grab	W Shore Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Rusty, weakly silicified mafic volcanic, 1% pyrite.	A19-11653	42
A704688	559508	5409747	22-Aug-19	363	Grab	W of 27 Lake	Wire Lake	299370	Float	Quartz Vein	QV	At least ~10cm wide angular quartz block in old stream bed. Glassy to sugary, locally granular, rusty, white-orange to grey, 0.5% mainly cubic pyrite throughout.	A19-11653	50
A704689	559431	5409651	22-Aug-19	356	Grab	Pond S of Porphyry Lake	Wire Lake	214283	Float	Feldspar Porphyry	FP	Highly silicified, very rusty rock from angular block on northwest shore of small lake. May be frost heave. Local texture may suggest altered porphyry. 1% chalcopyrite blebs, trace visible pyrite.	A19-11653	7
A704690	559431	5409673	22-Aug-19	356	Grab	Pond S of Porphyry Lake	Wire Lake	214283	Frost Heave	Feldspar Porphyry	FP	Weakly-moderately silicified, rusty, altered feldspar porphyry (?). 1% fine disseminated pyrite, sometimes in streaks. Probable frost heave.	A19-11653	2.5
A704691	559421	5409520	22-Aug-19	359	Grab	Pond S of Porphyry Lake	Wire Lake	214283	Float	Unknown	UNK	Rusty, foliated, silicified rock of unknown protolith. Minor quartz blebs, possible trace visible pyrite. Angular float or possibly frost heave/talus.	A19-11653	5
A704692	559531	5409524	22-Aug-19	360	Grab	Pond S of Porphyry Lake	Wire Lake	214283	Outcrop	Intermediate Volcanic	IVOL	Intermediate volcanic with minor-moderate glassy, milky white quartz veining. 1-2% pyrite in rock, none within quartz. Outcrop in small 120 degree trending gully with same orientation of veining.	A19-11653	2.5
A704693	559392	5409988	23-Aug-19	361	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Sericite Schist	SS	Highly silicified, very rusty, weakly sheared sericite schist, probable mafic volcanic protolith. 5% fine to blebby pyrite and possibly pyrrhotite, trace chalcopyrite.	A19-11653	28

A704694	559392	5409987.7	23-Aug-19	361	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Sericite Schist	SS	Very rusty, moderately-strongly sheared, highly silicified sericite schist with minor quartz, trace visible pyrite.	A19-11653	370
A704695	559395	5409991	23-Aug-19	361	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb flooding, 5% fine pyrite throughout, trace-0.5% chalcopyrite.	A19-11653	7
A704696	559393	5409993	23-Aug-19	360	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb flooding, 5% fine pyrite throughout, trace chalcopyrite.	A19-11653	2.5
A704697	559413	5409992	23-Aug-19	365	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Very rusty mafic volcanic with minor-moderate quartz-carb flooding, 4-5% fine to blebby pyrite.	A19-11653	41
A704698	559423	5410000	23-Aug-19	362	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Very rusty mafic volcanic with moderate quartz-carb flooding, 5% very fine pyrite.	A19-11653	93
A704699	559442	5410019	23-Aug-19	355	Grab	E Shore Porphyry Lake	Wire Lake	299370	Frost Heave	Quartz Vein	QV	Up to 1cm quartz-carb stringers in mafic volcanic. 3-4% pyrite overall in MV and stringers. Minor-moderate rust.	A19-11653	2220
A704700	559370	5410053	23-Aug-19	349	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Rusty, somewhat altered feldspar porphyry, 2-3% pyrite throughout. Frost heave adjacent to mafic volcanic outcrop, contact area?	A19-11653	10
A705001	559350	5410025	23-Aug-19	356	Grab	W of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Labelled A704701 in the field. Unaltered, med-coarse-grained feldspar porphyry from fractured outcrop. 0.5% pyrite in matrix.	A19-11653	7
A705002	559554	5410164	24-Aug-19	360	Grab	N of Porphyry Lake	Wire Lake	299370	Outcrop	Quartz Vein	QV	~5cm glassy, white-grey, locally granular quartz stringer in shear in stream, moderate banding of mafic material, trace pyrite, minor rust. Shear/vein strike ~195/70 degrees W.	A19-11653	913
A705003	559570	5410170	24-Aug-19	363	Grab	N of Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic in 010 degree weak shear/foliated rock. Minor-moderate quartz-carb lenses/stringers, thin 1-2mm stringer x-cutting lenses. Trace-1% pyrite associated with the quartz-carb. Minor-moderate garnet as well.	A19-11653	116
A705004	559807	5409790	24-Aug-19	393	Grab	W of 27 Lake	Wire Lake	263769	Float	Quartz Vein	QV	2-3cm quartz stringer in light grey-green intermediate volcanic. Trace-0.5% pyrite and trace chalcopyrite within the quartz as well as minor kspar streaks/stringers parallel to vein walls. Angular float.	A19-11653	2.5
A705005	559314	5409682	25-Aug-19	324	Grab	S of Porphyry Lake	Wire Lake	214283	Outcrop	Feldspar Porphyry	FP	Feldspar porphyry with minor 1-2cm quartz stringers, minor rust, 2-3% pyrite throughout.	A19-11653	27
A705006	559332	5409940	26-Aug-19	334	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Feldspar porphyry with minor rust, 1% pyrite overall from fractured outcrop.	A19-11653	2.5
A705007	559337	5409968	26-Aug-19	357	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Rusty feldspar porphyry, 2-3% pyrite, in contact with mafic volcanic - corresponding to the interpreted eastern contact of a roughly N/S feldspar porphyry dyke. Fractured outcrop.	A19-11653	55
A705008	559338	5409963	26-Aug-19	355	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic with folded felsic bands, 5-10% pyrite, trace chalcopyrite. Fractured outcrop.	A19-11653	29
A705009	559337	5409966	26-Aug-19	355	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Feldspar porphyry with minor-moderate rust, <1cm on average quartz stringer cut by very fine stringers of unknown composition, 3-4% pyrite overall.	A19-11653	48
A705010	559331	5409968	26-Aug-19	341	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Feldspar Porphyry	FP	Rusty, altered, weakly-moderately silicified feldspar porphyry, 1-2% pyrite.	A19-11653	77
A705011	559326	5409961	26-Aug-19	335	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Highly silicified, very rusty rock with 20% pyrite blebs/cubes, likely mafic volcanic protolith. Fractured outcrop.	A19-11653	1150
A705012	559325	5409960	26-Aug-19	335	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Frost Heave	Feldspar Porphyry	FP	Feldspar porphyry, 1% pyrite, minor 1-2mm quartz stringers. Frost heave or talus.	A19-11653	146

A705013	559324.5	5409964	26-Aug-19	336	Grab	Stream SW of Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Very rusty mafic volcanic with 1-2cm quartz stringer, minor kspar within the quartz. Fractured outcrop.	A19-11653	2.5
A705014	559276	5410086	30-Aug-19	359	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb alteration, 1-2% pyrite.	A19-11653	84
A705015	559273	5410088.5	30-Aug-19	356	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor quartz-carb alteration, 0.5% pyrite.	A19-11653	2.5
A705016	559271	5410086.5	30-Aug-19	356	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with <1cm quartz-rich band, 1% pyrite.	A19-11653	20
A705017	559295	5410094	30-Aug-19	366	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Very rusty mafic volcanic with minor-moderate quartz-carb alteration, <1cm recrystallized, grey-white to black quartz stringers. 4-5% pyrite overall.	A19-11653	238
A705018	559298	5410094	30-Aug-19	366	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb alteration and minor stringers, 1-2% fine to blebby pyrite.	A19-11653	28
A705019	559300	5410092	30-Aug-19	368	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate orange quartz stringers, 2-3% pyrite.	A19-11653	48
A705020	560139	5409832.5	05-Oct-19	417	Channel	N of 27 Lake	Wire Lake	319970	Outcrop	Mafic Volcanic	MV	Approximate location of sample A704650. Rusty, moderately (locally strongly) silicified; moderately (locally strongly) foliated, weakly sheared mafic to intermediate volcanic with minor-moderate quartz veining up to 10cm, 1-2% pyrite on average. 1m wide cut.	A19-14424	46
A705021	560139	5409835.7	05-Oct-19	417	Channel	N of 27 Lake	Wire Lake	319970	Outcrop	Mafic Volcanic	MV	3.2m N of previous. Rusty, moderately (loc. strongly) silicified; moderately (loc. strongly) foliated, weakly sheared mafic to intermediate volcanic with min-mod quartz veining up to 5cm, 1-2% pyrite on average, up to 5% in quartz, trace chalcopyrite. 0.6m wide cut.	A19-14424	94
A705022	560139	5409837.4	05-Oct-19	417	Channel	N of 27 Lake	Wire Lake	319970	Outcrop	Mafic Volcanic	MV	1.7m N of previous. Rusty (loc. very rusty), moderately-strongly silicified to locally bleached, moderately-strongly foliated, weakly sheared mafic to intermediate volcanic with minor quartz veining, avg 0.5% py, up to 5% in quartz. 1.2m wide cut.	A19-14424	53
A705023	559937	5409765	05-Oct-19	394	Channel	27 Lake N Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate albite alteration/stringers. Trace pyrite. ~0.1m cut.	A19-14424	2.5
A705024	559945	5409753	05-Oct-19	393	Channel	27 Lake N Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate albite alteration/stringers. Trace pyrite. Stringers oriented ~075 degrees. ~0.2m cut.	A19-14424	2.5
A705025	559944.5	5409752.8	05-Oct-19	393	Channel	27 Lake N Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate albite alteration/stringers. Stringers oriented ~075 degrees. ~0.15m cut.	A19-14424	2.5
A705026	559940	5409748	05-Oct-19	393	Channel	27 Lake N Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate albite alteration/stringers. Stringers oriented ~015 degrees. ~0.15m cut.	A19-14424	2.5
A705027	559323	5410082	07-Oct-19	368	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor thin, orange, contorted quartz stringers, 0.5% pyrite. Frost heave.	A19-14424	23
A705028	559321	5410082	07-Oct-19	368	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate parallel 2-3mm quartz-carb stringers, 1% pyrite in wall rock and stringers, trace chalcopyrite.	A19-14424	16
A705029	559319	5410083	07-Oct-19	368	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate 1mm or less quartz-carb stringers, 1% pyrite cubes/blebs.	A19-14424	2.5
A705030	559233	5410089	07-Oct-19	352	Grab	W of Porphyry Lake	Wire Lake	299370	Float	Mafic Volcanic	MV	Rusty, altered mafic volcanic with 1-2% pyrite throughout. Angular float or possible frost heave.	A19-14424	54

A705031	559232.5	5410088.5	07-Oct-19	352	Grab	W of Porphyry Lake	Wire Lake	299370	Float	Mafic Volcanic	MV	Rusty mafic volcanic with moderate quartz-carb veining/stockwork, trace pyrite. Locally folded stringers. Angular float or possible frost heave.	A19-14424	2.5
A705032	559112	5410110	07-Oct-19	352	Grab	W of Porphyry Lake	Wire Lake	226271	Frost Heave	Iron Formation	IF	Very rusty iron formation with moderate recrystallized orange-white chert bands, trace pyrite. Frost heave.	A19-14424	50
A705033	559112	5410111	07-Oct-19	352	Grab	W of Porphyry Lake	Wire Lake	226271	Frost Heave	Iron Formation	IF	Very rusty iron formation with moderate recrystallized orange-white chert bands. Frost heave.	A19-14424	44
A705034	559334	5410104	08-Oct-19	363	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor quartz-carb alteration, 2-3% pyrite. Frost heave or fractured outcrop.	A19-14424	2.5
A705035	559256	5410023	09-Oct-19	354	Grab	W of Porphyry Lake	Wire Lake	299370	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor quartz-carb alteration, trace-0.5% pyrite. Frost heave.	A19-14424	10
A705036	559362	5410284	10-Oct-19	336	Grab	W of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Very rusty mafic volcanic with minor-moderate carbonate alteration, 3-4% pyrite.	A19-14424	101
A705037	559213	5410256	10-Oct-19	333	Grab	W of Porphyry Lake	Wire Lake	206867	Fractured Outcrop	Mafic Volcanic	MV	Mafic volcanic with hornblende phenocrysts, several parallel 1-2mm quartz stringers, minor rust, trace-0.5% pyrite.	A19-14424	8
A705038	559186	5410247	10-Oct-19	344	Grab	W of Porphyry Lake	Wire Lake	206867	Frost Heave	Unknown	UNK	Albite-flooded rock with minor-moderate rust. Part of it is silica-flooded with minor x-cutting albite stringers. 0.5% disseminated pyrite throughout. Angular boulder, possibly frost heave.	A19-14424	124
A705039	559421	5410243	10-Oct-19	363	Grab	W of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb stringers up to 0.5cm, trace-0.5% pyrite, trace chalcopyrite.	A19-14424	16
A705040	560256	5409665	13-Oct-19	416	Grab	North of 27 Lake	Wire Lake	288079	Float	Syenogranite	SYENO	Syenogranite subangular float with minor-moderate white to grey quartz stringers up to 1cm, no visible pyrite.	A19-14424	2.5
A705041	559835	5409789	14-Oct-19	396	Channel	27 Lake W Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	MV with min-mod contorted qtz-carb & minor albite stringers. Possible min-mod green carb. Sub-round to round fragments of a coarser-grained rock with feldspar phenocrysts caught up in the MV. Trace-0.5% py, trace poss. cpy. Stringers trend 048/60 degrees SE. ~0.5m cut.	A19-14424	2.5
A705042	559837.5	5409791.5	14-Oct-19	396	Channel	27 Lake W Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	MV with min-mod contorted qtz-carb & minor albite stringers. Possible min-mod green carb. Sub-round to round fragments of a coarser-grained rock with feldspar phenocrysts caught up in the MV. Trace-0.5% py. Stringers trend 048/50 degrees SE. ~0.9m cut.	A19-14424	2.5
A705043	559840	5409801	14-Oct-19	388	Channel	27 Lake W Shore	Wire Lake	263769	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate contorted qtz-carb & minor albite stringers. 5-10cm zone of rusty veining containing 3-4% pyrite, trace-4% overall. Stringers trend 022/63 degrees SE. 0.55m cut.	A19-14424	245
A705044	559508	5410212	15-Oct-19	358	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Rusty, weakly sheared mafic volcanic with moderate quartz-carb alteration, 1-2% pyrite. Fractured outcrop.	A19-14424	118
A705045	559508	5410211	15-Oct-19	357	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic with moderate 1-2cm quartz-carb veins/bands, 2-3% pyrite. Some feldspar porphyry frost heave or talus blocks nearby. Fractured outcrop or frost heave.	A19-14424	236
A705046	559503	5410195	15-Oct-19	361	Grab	North of Porphyry Lake	Wire Lake	206867	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with moderate quartz-carb veining, 2-3% pyrite. Frost heave or talus.	A19-14424	366
A705047	559519	5410217	15-Oct-19	362	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Mafic volcanic with moderate quartz-carb veining, possibly minor-moderate green carb or perhaps epidote. 1% pyrite overall, minor-moderate rust. Outcrop.	A19-14424	43

A705048	559525	5410222	15-Oct-19	365	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Mafic volcanic with moderate fine (2-3mm) quartz carb stringers. Trace pyrite. Outcrop.	A19-14424	2.5
A705049	559543	5410262	15-Oct-19	366	Grab	North of Porphyry Lake	Wire Lake	206867	Frost Heave	Quartz Vein	QV	Sugary quartz-carb stringers in up to 2cm bands in mafic volcanic. Trace-0.5% pyrite in veins. Frost heave.	A19-14424	14
A705050	559584	5410274	15-Oct-19	356	Grab	North of Porphyry Lake	Wire Lake	206867	Talus	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb alteration, trace pyrite. Talus.	A19-14424	11
A705051	559584	5410277	15-Oct-19	357	Grab	North of Porphyry Lake	Wire Lake	206867	Talus	Mafic Volcanic	MV	Moderately-strongly sheared mafic volcanic with moderate shear-parallel quartz-carb stringers, minor-moderate rust, trace-0.5% pyrite. Talus.	A19-14424	2.5
A705052	559573	5410273	15-Oct-19	364	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Weakly sheared mafic volcanic with moderate quartz stringers, some cross-cutting. Minor-moderate rust, trace-1% pyrite. 075/subvertical shear. Outcrop.	A19-14424	2.5
A705053	559571	5410274	15-Oct-19	364	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate quartz-carb stringers, trace pyrite, minor rust. Outcrop.	A19-14424	9
A705054	559548	5410266	15-Oct-19	367	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Mafic volcanic with bright orange-brown rust, minor-moderate quartz-carb alteration, 4-5% pyrite. Fractured outcrop.	A19-14424	56
A705055	559548	5410265	15-Oct-19	367	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb alteration/stringers, trace-0.5% pyrite. Fractured outcrop.	A19-14424	59
A705056	559548	5410264.5	15-Oct-19	367	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Feldspar Porphyry	FP	Silicified feldspar porphyry from fractured outcrop block which also contains mafic volcanic. Minor quartz-carb stringers, trace pyrite, trace chalcopyrite.	A19-14424	2.5
A705057	559547	5410259	15-Oct-19	366	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Quartz Vein	QV	4-5cm sugary white quartz vein in highly silicified feldspar porphyry. 1% pyrite overall. Veins in a couple of different, cross-cutting orientations. Fractured outcrop block.	A19-14424	28
A705058	559547	5410258.9	15-Oct-19	366	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Quartz Vein	QV	Same block as previous. Up to 2-3cm quartz veining in highly silicified feldspar porphyry, 5-10% pyrite overall.	A19-14424	141
A705059	559546.9	5410258.9	15-Oct-19	366	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Quartz Vein	QV	Same block as previous. 2-3cm quartz stringer in mafic volcanic, trace-0.5% pyrite.	A19-14424	25
A705060	559700	5410296	16-Oct-19	372	Grab	North of Porphyry Lake	Wire Lake	322139	Outcrop	Mafic Intrusive	MI	Mafic intrusive with minor-moderate quartz-carb stringers, trace-0.5% pyrite. Fractured outcrop or frost heave.	A19-14424	9
A705061	559530	5410285	16-Oct-19	370	Grab	North of Porphyry Lake	Wire Lake	206867	Frost Heave	Mafic Volcanic	MV	Rusty mafic volcanic with minor-moderate quartz-carb stringers, trace pyrite.	A19-14424	10
A705062	559499	5410252	16-Oct-19	359	Grab	North of Porphyry Lake	Wire Lake	206867	Outcrop	Mafic Volcanic	MV	Mafic volcanic with minor-moderate, contorted quartz-carb stringers, 0.5% pyrite. Fractured outcrop.	A19-14424	7
A705063	559523	5410128	17-Oct-19	355	Grab	North of Porphyry Lake	Wire Lake	299370	Float	Quartz Vein	QV	5cm angular quartz float in stream bed. Some mafic layering within the quartz. Similar rock upstream in outcrop.	A19-14424	12400
A705064	559522	5410132	17-Oct-19	356	Grab	North of Porphyry Lake	Wire Lake	299370	Float	Mafic Volcanic	MV	Very rusty, weakly sheared mafic volcanic with minor quartz-carb alteration, 4-5% pyrite concentrated along shear planes. Angular float or possible frost heave.	A19-14424	69
A705065	559523	5410142	17-Oct-19	356	Grab	North of Porphyry Lake	Wire Lake	299370	Outcrop	Mafic Volcanic	MV	Rusty, weakly silicified mafic volcanic with minor 2-3mm quartz-carb stringer, trace pyrite. Outcrop.	A19-14424	12
A705066	558515	5410356	28-Oct-19	306	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Outcrop	Gabbro	GAB	Weakly sheared gabbro with minor rust, 0.5% pyrite. Outcrop.	A19-15071	2.5
A705067	558508	5410367	28-Oct-19	303	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Outcrop	Gabbro	GAB	Silicified gabbro with trace-0.5% fine disseminate pyrite. Outcrop.	A19-15071	2.5

A705068	558512	5410424	28-Oct-19	299	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Frost Heave	Quartz Vein	QV	1-2cm glassy, white-orange quartz-carb stringer in weakly foliated mafic volcanic (possibly tuff?). 1% pyrite in stringer, trace-1% overall. Frost heave.	A19-15071	10
A705069	558471	5410374	28-Oct-19	297	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Frost Heave	Banded Iron Formation	BIF	Locally strongly magnetic banded iron formation. Sample consists largely of recrystallized chert. Trace-1% very fine pyrite.	A19-15071	15
A705070	558391	5410337	28-Oct-19	288	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Outcrop	Banded Iron Formation	BIF	Locally banded iron formation with 2-3cm quartz stringer. ~048 degree banding/foliation with dip to E. Non-magnetic here. Trace pyrite. Outcrop.	A19-15071	5
A705071	558384	5410335	28-Oct-19	289	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Frost Heave	Iron Formation	IF	Moderately-strongly sheared, very rusty iron formation with minor-moderate thin quartz stringers along shear planes. Locally up to 5% visible pyrite.	A19-15071	16
A705072	558381	5410332	28-Oct-19	289	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Frost Heave	Iron Formation	IF	Very rusty, moderately-strongly sheared iron formation with moderate quartz along shear planes, 5-10% pyrite. Frost heave.	A19-15071	8
A705073	558398	5410308	28-Oct-19	294	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Frost Heave	Iron Formation	IF	Very rusty, non-magnetic iron formation, chert bands, trace pyrite. Frost heave.	A19-15071	2.5
A705074	558384	5410319	28-Oct-19	287	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Outcrop	Iron Formation	IF	Very rusty, weakly-moderately silicified, weakly-moderately sheared/foliated iron formation. Trace-0.5% pyrite, 052/70 degrees SE. Outcrop.	A19-15071	5
A705075	558382	5410318.5	28-Oct-19	287	Grab	CR Target 1 SW of Fallen Lake	Wire Lake	265464	Outcrop	Iron Formation	IF	Very rusty, weakly-moderately silicified, weakly-moderately sheared/foliated iron formation. 1-2% pyrite. Outcrop.	A19-15071	22

APPENDIX II

Soil Sample Descriptions
(Table II)

Table II	Wire Lake Soil Sample Descriptions																							
Sample	Date	Area	Easting	Northing	Elevation	Claim	Type	Depth (cm)	Ground level	Ground wetness	Ground inclination	Direction	Colour	Veg1	Veg2	Veg3	Tree1	Tree2	Tree3	Subjective quality	Vegetation in soil	Rocks in soil	Photo	Comments	Au_ppb
A704720	26-Jun-19	Contact E Iron Formation	562462	5411354	371	265572	A	2	Low	Damp	Slight rise to	SW	Dark Brown	Leaf Litter			Alder	Spruce	Birch	6			W		21
A704721	26-Jun-19	Contact E Iron Formation	562462	5411354	371	265572	B	10	Low	Damp	Slight rise to	SW	Tan	Leaf Litter			Alder	Spruce	Birch	6		Moderate amount	W		10
A704722	26-Jun-19	Contact E Iron Formation	562487	5411367	372	265572	A	<5	Low	Damp	Flat		Dark Brown	Leaf Litter	Ferns		Alder	Birch	Poplar	9			W		2.5
A704723	26-Jun-19	Contact E Iron Formation	562487	5411367	372	265572	B	7	Low	Damp	Flat		Tan-brown	Leaf Litter	Ferns		Alder	Birch	Poplar	7		Some	W		9
A704730	26-Jun-19	Contact E Iron Formation	562566	5411339	373	265572	A	2	Moderate	Dry	Slight rise to	N	Dark Brown	Leaf Litter	Ferns		Spruce	Birch		5	Some		NE		28
A704731	26-Jun-19	Contact E Iron Formation	562566	5411339	373	265572	B	15	Moderate	Dry	Slight rise to	N	Rusty Brown	Leaf Litter	Ferns		Spruce	Birch		9			NE		9
A704732	26-Jun-19	Contact E Iron Formation	562542	5411331	373	265572	A	5	High	Dry	Moderate rise to	NE	Dark Brown	Leaf Litter	Ferns		Spruce	Birch		6	Some		NE		15
A704733	26-Jun-19	Contact E Iron Formation	562542	5411331	373	265572	B	10	High	Dry	Moderate rise to	NE	Medium Brown	Leaf Litter	Ferns		Spruce	Birch		8			NE		12
A704734	26-Jun-19	Contact E Iron Formation	562524	5411324	365	265572	A	5	Low	Damp	Steep rise to	NE	Dark Brown				Alder	Birch		10			W		12
A704735	26-Jun-19	Contact E Iron Formation	562507	5411321	368	265572	A	5	Low	Damp	Slight rise to	SW	Dark Brown	Leaf Litter	Ferns		Moose Maple	Spruce		9			W		30
A704736	26-Jun-19	Contact E Iron Formation	562507	5411321	368	265572	B	15	Low	Damp	Slight rise to	SW	Light Brown	Leaf Litter	Ferns		Moose Maple	Spruce		7			W		2.5
A704737	26-Jun-19	Contact E Iron Formation	562471	5411317	371	265572	A	10	Moderate	Dry	Moderate rise to	SW	Dark Brown	Leaf Litter	Ferns		Moose Maple	Birch		7			SW		7
A704830	18-Aug-19	N of camp 27	559778	5409829	399	263769	A	1 to 2	Moderate	Damp	Slight rise to	E	Dark Brown	Moss	Ferns		Spruce			8			N		7
A704831	18-Aug-19	N of camp 27	559778	5409829	399	263769	B	10	Moderate	Damp	Slight rise to	E	Medium brown				Spruce			8			N		11
A704832	18-Aug-19	N of camp 27	559805	5409832	401	263769	A	5	Moderate	Dry	Slight rise to	N	Dark Brown	Ferns	Leaf Litter	Moss	Spruce	Birch		3	A lot		N		17
A704833	18-Aug-19	N of camp 27	559805	5409832	401	263769	B	15	Moderate	Dry	Slight rise to	N	Rusty brown				Spruce	Birch		8			N		10
A704834	18-Aug-19	N of camp 27	559828	5409830	407	263769	A	1 to 2	Low	Damp	Valley trending	N	Dark Brown	Moss	Leaf Litter		Spruce	Alder	Birch	10			N		11
A704835	18-Aug-19	N of camp 27	559832	5409829	407	263769	B	20 to 25	Low	Damp	Steep rise to	E	Rich Brown				Spruce	Alder	Birch	10			E		10
A704836	18-Aug-19	N of camp 27	559858	5409834	412	263769	A	1 to 2	High	Dry	On moderate slope, facing	S	Dark Brown	Leaf Litter	Moss		Spruce	Birch		8			E		20
A704837	18-Aug-19	N of camp 27	559858	5409834	412	263769	B	5	High	Dry	On moderate slope, facing	S	Dark Brown				Spruce	Birch		8			E		30
A704838	18-Aug-19	N of camp 27	559876	5409820	406	263769	A	5	High	Dry	Flat		Dark Brown	Leaf Litter	Ferns		Spruce	Birch		2	A lot		N	On flat plateau on hill facing S. Possibly on diabase.	12
A704839	18-Aug-19	N of camp 27	559876	5409820	406	263769	B	15	High	Dry	Flat		Rusty brown				Spruce	Birch		7			N	On flat plateau on hill facing S. Possibly on diabase.	7
A704840	18-Aug-19	N of camp 27	559902	5409821	407	263769	A	5	Moderate	Dry	Slight rise to	W	Brown	Leaf Litter	Ferns	Moss	Alder	Spruce	Birch	5			NW		13
A704841	18-Aug-19	N of camp 27	559902	5409821	407	263769	B	15	Moderate	Dry	Slight rise to	W	Light tan				Alder	Spruce	Birch	6			NW		42
A704842	19-Aug-19	N of camp 27	559922	5409823	399	263769	A	10	Moderate	Dry	Slight rise to	E	Dark Brown	Ferns	Leaf Litter	Moss	Spruce	Alder		5	Some		E		2.5
A704843	19-Aug-19	N of camp 27	559922	5409823	399	263769	B	20	Moderate	Dry	Slight rise to	E	Dark Brown				Spruce	Alder		8			E		7
A704844	19-Aug-19	N of camp 27	559953	5409826	403	263769	A	10	Moderate	Dry	Slight rise to	N	Dark Brown	Moss	Leaf Litter	Ferns	Spruce	Alder		4	Some		NE		6
A704845	19-Aug-19	N of camp 27	559956	5409825	403	263769	B	10	Moderate	Dry	Slight rise to	N	Rusty brown				Spruce	Alder		10			NE		2.5
A704846	19-Aug-19	N of camp 27	559980	5409822	407	263769	A	10	Moderate	Dry	Flat		Dark Brown	Leaf Litter	Moss		Spruce	Birch		6			N	Flat but low ridge to W.	9
A704847	19-Aug-19	N of camp 27	559980	5409822	407	263769	B	15	Moderate	Dry	Flat		Dark Brown				Spruce	Birch		8			N	Flat but low ridge to W.	8
A704848	19-Aug-19	N of camp 27	560013	5409814	399	263769	A	10	Moderate	Dry	Slight rise to	N	Dark Brown	Leaf Litter			Spruce	Birch	Moose Maple	7			N		2.5
A704849	19-Aug-19	N of camp 27	560013	5409814	399	263769	B	15	Moderate	Dry	Slight rise to	N	Medium brown				Spruce	Birch	Moose Maple	8			N		7
A704850	19-Aug-19	N of camp 27	560037	5409830	407	263769	A	5	Moderate	Dry	Moderate rise to	N	Dark Brown	Leaf Litter			Spruce	Birch		7			N		2.5
A704851	19-Aug-19	N of camp 27	560037	5409830	407	263769	B	15	Moderate	Dry	Moderate rise to	N	Dark Brown				Spruce	Birch		8			N		6
A704852	19-Aug-19	N of camp 27	560066	5409816	404	263769	A	<5	Moderate	Dry	Slight rise to	N	Dark Brown	Leaf Litter	Ferns		Alder	Spruce		9	A little		N		2.5
A704853	19-Aug-19	N of camp 27	560066	5409816	404	263769	B	10	Moderate	Dry	Slight rise to	N	Tan-brown				Alder	Spruce		6			N	A bit rusty, clay-rich.	5
A704854	19-Aug-19	N of camp 27	560081	5409822	404	319970	A	5	Moderate	Dry	Moderate rise to	N	Dark Brown	Leaf Litter	Ferns		Spruce	Alder		8			N		10
A704855	19-Aug-19	N of camp 27	560081	5409822	404	319970	B	15	Moderate	Dry	Moderate rise to	N	Rusty brown				Spruce	Alder		8			N		8

A704856	19-Aug-19	N of camp 27	560111	5409798	405	319970	A	5	Moderate	Dry	Slight rise to	N	Dark Brown	Leaf Litter	Ferns	Moss	Spruce	Moose Maple		6			N		26
A704857	19-Aug-19	N of camp 27	560111	5409798	405	319970	B	10	Moderate	Dry	Slight rise to	N	Tan				Spruce	Moose Maple		6			N	Some clay.	2.5
A704858	19-Aug-19	N of camp 27	560138	5409807	410	319970	A	3	Moderate	Dry	Slight rise to	NW	Dark Brown	Leaf Litter	Ferns		Spruce	Moose Maple	Birch	8			N		6
A704859	19-Aug-19	N of camp 27	560138	5409807	410	319970	B	15	Moderate	Dry	Slight rise to	NW	Rusty brown				Spruce	Moose Maple	Birch	9			N		8
A704860	19-Aug-19	N of camp 27	560150	5409833	410	319970	A	5	Moderate	Dry	Moderate rise to	E	Dark Brown	Leaf Litter	Ferns		Moose Maple	Spruce		7			E		2.5
A704861	19-Aug-19	N of camp 27	560150	5409828	410	319970	B	10	Moderate	Dry	Moderate rise to	E	Rusty brown				Moose Maple	Spruce		10			N	Very rusty brown.	5
A704862	19-Aug-19	N of camp 27	560170	5409826	415	319970	A	5	High	Dry	On steep slope, facing	W	Dark Brown	Leaf Litter	Moss	Ferns	Spruce	Moose Maple	Birch	5			NE		12
A704863	19-Aug-19	N of camp 27	560170	5409826	415	319970	B	15	High	Dry	On steep slope, facing	W	Rusty brown				Spruce	Moose Maple	Birch	9			NE		5
A704864	30-Aug-19	W of Porphyry Lake	559250	5410093	349	299370	A	<5	Low	Dry	Moderate rise to	E	Dark Brown	Leaf Litter	Moss		Spruce	Moose Maple	Birch	7	some		NE		10
A704865	30-Aug-19	W of Porphyry Lake	559250	5410093	349	299370	B	10	Low	Dry	Moderate rise to	E	Rusty brown	Leaf Litter	Moss		Spruce	Moose Maple	Birch	10			NE	Somewhat rusty brown.	18
A704866	30-Aug-19	W of Porphyry Lake	559276	5410088	355	299370	A	5	High	Dry	On moderate slope, facing	SW	Dark Brown	Moss	Leaf Litter		Moose Maple	Spruce	Birch	5	some		SE		104
A704867	30-Aug-19	W of Porphyry Lake	559276	5410088	355	299370	B	10	High	Dry	On moderate slope, facing	SW	Rusty brown	Moss	Leaf Litter		Moose Maple	Spruce	Birch	8			SE		31
A704868	30-Aug-19	W of Porphyry Lake	559300	5410092	368	299370	A	5	High	Dry	On moderate slope, facing	SW	Dark Brown	Moss	Leaf Litter		Spruce			6					2.5
A704869	30-Aug-19	W of Porphyry Lake	559300	5410092	368	299370	B	15	High	Dry	On moderate slope, facing	SW	Rusty brown	Moss	Leaf Litter		Spruce			9					28
A704870	30-Aug-19	W of Porphyry Lake	559328	5410087	363	299370	A	<5	Moderate	Dry	Slight rise to	W	Dark Brown	Leaf Litter	Moss		Spruce	Birch		7			NW		2.5
A704871	30-Aug-19	W of Porphyry Lake	559328	5410087	363	299370	B	15	Moderate	Dry	Slight rise to	W	Dark Brown	Leaf Litter	Moss		Spruce	Birch		7			NW		13
A704872	30-Aug-19	W of Porphyry Lake	559350	5410101	366	299370	A	5	High	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce	Birch		5			N		12
A704873	30-Aug-19	W of Porphyry Lake	559384	5410086	356	299370	A	<5	Moderate	Dry	Steep rise to	NW	Dark Brown	Leaf Litter			Spruce	Fir	Birch	7			N		2.5
A704874	30-Aug-19	W of Porphyry Lake	559384	5410086	356	299370	B	10	Moderate	Dry	Steep rise to	NW	Rusty brown	Leaf Litter			Spruce	Fir	Birch	8			N		13
A704875	30-Aug-19	W of Porphyry Lake	559413	5410088	362	299370	A	10	Moderate	Dry	Slight rise to	N	Dark Brown	Moss			Spruce			7			N	Steeper dropoff a bit to S.	2.5
A704876	30-Aug-19	W of Porphyry Lake	559413	5410088	362	299370	B	10 to 15	Moderate	Dry	Slight rise to	N	Dark Brown	Moss			Spruce			8			N	Steeper dropoff a bit to S.	9
A704877	30-Aug-19	W of Porphyry Lake	559432	5410087	361	299370	A	5	Moderate	Dry	Slight rise to	NW	Dark Brown	Moss	Ferns		Spruce			10			NW		12
A704878	30-Aug-19	W of Porphyry Lake	559432	5410087	361	299370	B	15	Moderate	Dry	Slight rise to	NW	Rich Brown	Moss	Ferns		Spruce			9			NW		15
A704879	30-Aug-19	W of Porphyry Lake	559450	5410090	355	299370	A	2	Moderate	Dry	On moderate slope, facing	E	Dark Brown	Moss	Leaf Litter		Spruce			7				Just north of sampled shear.	10
A704880	30-Aug-19	W of Porphyry Lake	559450	5410090	355	299370	B	15	Moderate	Dry	On moderate slope, facing	E	Tan-brown	Moss	Leaf Litter		Spruce			5					26
A704881	30-Aug-19	W of Porphyry Lake	559478	5410108	356	299370	A	10	Low	Wet	Valley trending	N	Dark Brown	Grass	White Flowers					8			E		14
A705201	07-Oct-19	W of Porphyry Lake	559226	5410095	350	299370	A	10	Moderate	Dry	Flat		Dark Brown	Leaf Litter			Spruce	Birch		8			SW		14
A705202	07-Oct-19	W of Porphyry Lake	559226	5410095	350	299370	B	15	Moderate	Dry	Flat		Medium brown	Leaf Litter			Spruce	Birch		8			SW		2.5
A705203	07-Oct-19	W of Porphyry Lake	559194	5410105	352	299370	A	10	Moderate	Damp	Slight rise to	W	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	7			S		16
A705204	07-Oct-19	W of Porphyry Lake	559194	5410105	352	299370	B	20	Moderate	Damp	Slight rise to	W	Light Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	6			S		2.5
A705205	07-Oct-19	W of Porphyry Lake	559170	5410096	355	299370	A	5	Moderate	Damp	Slight rise to	ENE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	8			NE		14
A705206	07-Oct-19	W of Porphyry Lake	559170	5410096	355	299370	B	15	Moderate	Damp	Slight rise to	ENE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	9			NE		2.5
A705207	07-Oct-19	W of Porphyry Lake	559142	5410097	350	226271	A	5	High	Damp	Slight rise to	SW	Dark Brown	Moss			Spruce	Balsam Fir		6	Some		WSW	Loamy.	41
A705208	07-Oct-19	W of Porphyry Lake	559113	5410097	350	226271	A	10	Low	Damp	Moderate rise to	ENE	Dark Brown	Leaf Litter	Moss		Spruce	Alder	Balsam Fir	8			WSW		15
A705209	07-Oct-19	W of Porphyry Lake	559113	5410097	350	226271	B	20	Low	Damp	Moderate rise to	ENE	Medium brown	Leaf Litter	Moss		Spruce	Alder	Balsam Fir	7			WSW	Clay rich.	2.5
A705210	07-Oct-19	W of Porphyry Lake	559091	5410092	349	226271	A	10	Low	Wet	Steep rise to	NW	Dark Brown	Leaf Litter	Moss		Spruce	Birch		7				No photo.	16
A705211	08-Oct-19	W of Porphyry Lake	559085	5410169	359	333937	A	5	High	Damp	Steep downhill to	WNW	Dark Brown	Moss			Spruce	Birch		7			E	On bedrock.	13
A705212	08-Oct-19	W of Porphyry Lake	559112	5410161	357	226271	A	5	High	Dry	On shallow slope, facing	E	Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	7	Some		W		15
A705213	08-Oct-19	W of Porphyry Lake	559112	5410161	357	226271	B	10	High	Dry	On shallow slope, facing	E	Medium brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	8			W		2.5
A705214	08-Oct-19	W of Porphyry Lake	559125	5410144	352	226271	A	10	Moderate	Dry	Moderate rise to	W	Dark Brown	Leaf Litter	Moss		Spruce	Birch		6			W		13

A705215	08-Oct-19	W of Porphyry Lake	559125	5410144	352	226271	B	15	Moderate	Dry	Moderate rise to	W	Medium brown	Leaf Litter	Moss		Spruce	Birch		8			W		2.5
A705216	08-Oct-19	W of Porphyry Lake	559157	5410155	351	226271	A	5	Moderate	Dry			Dark Brown	Leaf Litter			Spruce			7			SE	Swamp to W.	9
A705217	08-Oct-19	W of Porphyry Lake	559159	5410153	351	299370	B	20	Moderate	Dry			Rusty brown							10			SE		2.5
A705218	08-Oct-19	W of Porphyry Lake	559183	5410161	350	299370	A	10	Low	Dry	Valley trending	NNE	Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	6	Some		NW		13
A705219	08-Oct-19	W of Porphyry Lake	559183	5410161	350	299370	B	10	Low	Dry	Valley trending	NNE	Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	10			NE		5
A705220	08-Oct-19	W of Porphyry Lake	559203	5410162	353	299370	A	5	High	Dry	Slight downhill to	WNW	Dark Brown	Leaf Litter	Moss		Spruce	Birch	Balsam Fir	7			SE		13
A705221	08-Oct-19	W of Porphyry Lake	559203	5410162	353	299370	B	15	High	Dry	Slight downhill to	WNW	Rusty brown	Leaf Litter	Moss		Spruce	Birch	Balsam Fir	10			SE		2.5
A705222	08-Oct-19	W of Porphyry Lake	559225	5410156	358	299370	A	5	Moderate	Dry	Slight downhill to	NE	Dark Brown	Leaf Litter			Moose Maple	Spruce	Birch	6			SW		15
A705223	08-Oct-19	W of Porphyry Lake	559225	5410156	358	299370	B	15	Moderate	Dry	Slight downhill to	NE	Rusty brown	Leaf Litter			Moose Maple	Spruce	Birch	10			SW		2.5
A705224	08-Oct-19	W of Porphyry Lake	559258	5410147	354	299370	A	10	Low	Damp	Moderate rise to	E	Dark Brown	Leaf Litter	Moss		Alder	Birch	Spruce	6	Some			No photo.	16
A705225	08-Oct-19	W of Porphyry Lake	559292	5410154	354	299370	A	10	High	Dry	On moderate slope, facing	W	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7		Moderate amount	E	Too rocky to easily obtain B.	40
A705226	08-Oct-19	W of Porphyry Lake	559313	5410154	365	299370	A	5	High	Dry	Slight downhill to	W	Dark Brown	Leaf Litter	Moss		Birch	Balsam Fir	Spruce	7			ESE		21
A705227	08-Oct-19	W of Porphyry Lake	559313	5410154	365	299370	B	15	High	Dry	Flat		Dark Brown							8			ESE	5m S of A horizon sample.	16
A705228	08-Oct-19	W of Porphyry Lake	559342	5410157	371	299370	A	5	High	Dry	Steep downhill to	E	Dark Brown	Moss			Spruce	Balsam Fir		6	Some		ESE	Down to bedrock.	20
A705229	08-Oct-19	W of Porphyry Lake	559374	5410176	358	206867	A	5	Moderate	Dry	On moderate slope, facing	W	Dark Brown	Moss	Leaf Litter		Spruce	Balsam Fir		6	Some		E		20
A705230	08-Oct-19	W of Porphyry Lake	559374	5410176	358	206867	B	10	Moderate	Dry	On moderate slope, facing	W	Rusty brown	Moss	Leaf Litter		Spruce	Balsam Fir		10			E		8
A705231	08-Oct-19	W of Porphyry Lake	559407	5410152	361	299370	A	5	Moderate	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce	Balsam Fir	Birch	6	Some		SSE		18
A705232	08-Oct-19	W of Porphyry Lake	559407	5410152	361	299370	B	15	Moderate	Dry	Flat		Rusty brown	Moss	Leaf Litter		Spruce	Balsam Fir	Birch	10			SSE		5
A705233	08-Oct-19	W of Porphyry Lake	559428	5410150	360	299370	A	10	Moderate	Dry	Slight rise to	WNW	Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	5	Moderate amount		WNW	Loamy.	20
A705234	08-Oct-19	W of Porphyry Lake	559427.5	5410147	360	299370	B	15	Moderate	Dry	Slight rise to	WNW	Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	8			WNW	Some clay, 3m SSW of A horizon sample.	2.5
A705235	08-Oct-19	W of Porphyry Lake	559458	5410152	361	299370	A	5	Moderate	Dry	Flat		Dark Brown	Leaf Litter	Moss		Spruce	Birch		7			WNW		18
A705236	08-Oct-19	W of Porphyry Lake	559458	5410152	361	299370	B	15	Moderate	Dry	Flat		Rusty brown	Leaf Litter	Moss		Spruce	Birch		10			WNW		10
A705237	08-Oct-19	W of Porphyry Lake	559487	5410142	351	299370	A	10	Low	Damp	Flat		Dark Brown	Grass						10				No photo.	24
A705238	08-Oct-19	W of Porphyry Lake	559513	5410152	350	299370	A	5	Moderate	Dry	Slight downhill to	SW	Dark Brown	Leaf Litter			Birch	Spruce	Balsam Fir	7			NE		19
A705239	09-Oct-19	W of Porphyry Lake	559100	5410020	348	226271	A	10	Moderate	Damp	Moderate rise to	NE	Dark Brown	Moss	Leaf Litter		Spruce	Birch		8			NE		18
A705240	09-Oct-19	W of Porphyry Lake	559117	5410019	352	226271	A	5	Moderate	Damp	On moderate slope, facing	SW	Dark Brown	Leaf Litter			Balsam Fir			8				No photo.	19
A705241	09-Oct-19	W of Porphyry Lake	559117	5410019	352	226271	B	15	Moderate	Damp	On moderate slope, facing	SW	Medium brown	Leaf Litter			Balsam Fir			7				No photo.	2.5
A705242	09-Oct-19	W of Porphyry Lake	559137	5410010	354	226271	A	10	Moderate	Dry	Slight rise to	NE	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7			SE		17
A705243	09-Oct-19	W of Porphyry Lake	559165	5410022	356	299370	A	5	Moderate	Dry	Slight rise to	W	Dark Brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	6			SSW		16
A705244	09-Oct-19	W of Porphyry Lake	559165	5410022	356	299370	B	15	Moderate	Dry	Slight rise to	W	Dark Brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	9			SSW		2.5
A705245	09-Oct-19	W of Porphyry Lake	559193	5410016	354	299370	A	5	High	Dry	Moderate downhill to	E	Dark Brown	Moss	Leaf Litter		Balsam Fir	Birch	Spruce	8				No photo.	21
A705246	09-Oct-19	W of Porphyry Lake	559219	5410019	354	299370	A	5	Low	Wet	Moderate rise to	E	Dark Brown	Moss	Ferns		Alder	Birch		9			E	In NNW trending valley.	18
A705247	09-Oct-19	W of Porphyry Lake	559234	5410020	353	299370	A	10	Moderate	Damp	Slight rise to	NE	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7			N		12
A705248	09-Oct-19	W of Porphyry Lake	559255	5410014	354	299370	A	5	Moderate	Dry	Slight rise to	N	Dark Brown	Leaf Litter			Alder	Balsam Fir	Spruce	6	Some		NW		15
A705249	09-Oct-19	W of Porphyry Lake	559255	5410014	354	299370	B	15	Moderate	Dry	Slight rise to	N	Rusty brown	Leaf Litter			Alder	Balsam Fir	Spruce	8		Moderate amount	NW		2.5
A705250	09-Oct-19	W of Porphyry Lake	559281	5410014	352	299370	A	5	Moderate	Dry	On moderate slope, facing	SW	Dark Brown	Leaf Litter	Moss		Alder	Birch	Balsam Fir	8			E		17
A705251	09-Oct-19	W of Porphyry Lake	559281	5410014	352	299370	B	15	Moderate	Dry	On moderate slope, facing	SW	Rusty brown	Leaf Litter	Moss		Alder	Birch	Balsam Fir	9			E		2.5
A705252	09-Oct-19	W of Porphyry Lake	559309	5410024	356	299370	A	2					Dark Brown							7			N		23

A705253	09-Oct-19	W of Porphyry Lake	559309	5410024	356	299370	B	15					Rusty brown							9			N		21
A705254	09-Oct-19	W of Porphyry Lake	559332	5410025	357	299370	A	5	Moderate	Dry	On moderate slope, facing	S	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7			N		21
A705255	09-Oct-19	W of Porphyry Lake	559357	5410020	350	299370	A	5	Moderate	Dry	Slight rise to	E	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7			E		17
A705256	09-Oct-19	W of Porphyry Lake	559357	5410020	350	299370	B	15	Moderate	Dry	Slight rise to	E	Rusty brown	Leaf Litter	Moss		Balsam Fir	Birch	Spruce	7			E	Some clay.	12
A705257	09-Oct-19	W of Porphyry Lake	559376	5410021	344	299370	A	<5	High	Damp	Moderate downhill to	SE	Dark Brown	Moss			Spruce			7			WSW		6
A705258	09-Oct-19	W of Porphyry Lake	559415	5410013	343	299370	A	10	Moderate	Damp	On moderate slope, facing	NW	Dark Brown	Moss			Spruce	Birch		8			E		6
A705259	09-Oct-19	W of Porphyry Lake	559433	5410012	342	299370	A	5	High	Damp	On moderate slope, facing	NW	Dark Brown	Moss	Ferns		Spruce	Balsam Fir		8			SSW		92
A705260	09-Oct-19	W of Porphyry Lake	559459	5410004	344	299370	A	5	High	Damp	On moderate slope, facing	NW	Dark Brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	8			SE		8
A705261	09-Oct-19	W of Porphyry Lake	559459	5410004	344	299370	B	15	High	Damp	On moderate slope, facing	NW	Rusty brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	10			SE		2.5
A705262	10-Oct-19	W of Porphyry Lake	559072	5410249	351	333937	A	10	Moderate	Dry	On shallow slope, facing	SW	Dark Brown	Moss	Leaf Litter		Spruce	Balsam Fir	Birch	5	Some		NNE		6
A705263	10-Oct-19	NW of Porphyry Lake	559103	5410245	355	333937	A	5	Moderate	Dry	Slight rise to	NE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	7			NNE		15
A705264	10-Oct-19	NW of Porphyry Lake	559103	5410245	355	333937	B	10	Moderate	Dry	Slight rise to	NE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	8			NNE		2.5
A705265	10-Oct-19	NW of Porphyry Lake	559121	5410257	355	333937	A	10	Moderate	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce			6	Some		SW		5
A705266	10-Oct-19	NW of Porphyry Lake	559121	5410257	355	333937	B	15	Moderate	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce			8			SW		2.5
A705267	10-Oct-19	NW of Porphyry Lake	559155	5410260	354	333937	A	5	Moderate	Dry	On shallow slope, facing	E	Dark Brown	Moss	Leaf Litter		Spruce	Balsam Fir		4	Moderate amount		W		2.5
A705268	10-Oct-19	NW of Porphyry Lake	559155	5410260	354	333937	B	15	Moderate	Dry	On shallow slope, facing	E	Medium brown	Moss	Leaf Litter		Spruce	Balsam Fir		7			W		2.5
A705269	10-Oct-19	NW of Porphyry Lake	559183	5410249	351	206867	A	10	Moderate	Dry	On moderate slope, facing	E	Dark Brown	Moss	Leaf Litter		Spruce	Balsam Fir	Birch	5	Some		W	Grab sample A705038 taken in hole.	9
A705270	10-Oct-19	NW of Porphyry Lake	559204	5410244	343	206867	A	10	Moderate	Dry	On moderate slope, facing	NE	Dark Brown	Leaf Litter	Ferns		Moose Maple	Birch		9				No photo.	2.5
A705271	10-Oct-19	NW of Porphyry Lake	559229	5410253	335	206867	A	10	Moderate	Dry	Slight downhill to	W	Dark Brown	Leaf Litter	Ferns		Moose Maple	Birch		9			SE		2.5
A705272	10-Oct-19	NW of Porphyry Lake	559259	5410256	336	206867	A	5	Moderate	Dry	Moderate rise to	SSE	Dark Brown	Leaf Litter	Ferns		Spruce	Alder	Birch	8			SSE		2.5
A705273	10-Oct-19	NW of Porphyry Lake	559259	5410256	336	206867	B	15	Moderate	Dry	Moderate rise to	SSE	Medium brown	Leaf Litter	Ferns		Spruce	Alder	Birch	8			SSE	Orange brown.	11
A705274	10-Oct-19	NW of Porphyry Lake	559284	5410255	337	206867	A	<5	Moderate	Dry	Moderate rise to	SSE	Dark Brown	Leaf Litter			Alder	Birch	Spruce	6	Some		SSE		6
A705275	10-Oct-19	NW of Porphyry Lake	559284	5410255	337	206867	B	15	Moderate	Dry	Moderate rise to	SSE	Dark Brown	Leaf Litter			Alder	Birch	Spruce	7			SSE		8
A705276	10-Oct-19	NW of Porphyry Lake	559325	5410257	340	206867	A	5	Moderate	Dry	On moderate slope, facing	NNW	Dark Brown	Leaf Litter	Moss		Balsam Fir	Spruce	Birch	7			SSE		19
A705277	10-Oct-19	NW of Porphyry Lake	559325	5410257	340	206867	B	10	Moderate	Dry	On moderate slope, facing	NNW	Medium brown	Leaf Litter	Moss		Balsam Fir	Spruce	Birch	9			SSE	Orange brown.	15
A705278	10-Oct-19	NW of Porphyry Lake	559350	5410249	352	206867	A	5	Moderate	Dry	Moderate rise to	SE	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch		6	Some		SSE		9
A705279	10-Oct-19	NW of Porphyry Lake	559350	5410249	352	206867	B	15	Moderate	Dry	Moderate rise to	SE	Rusty brown	Leaf Litter	Moss		Balsam Fir	Birch		10			SSE		2.5
A705280	10-Oct-19	NW of Porphyry Lake	559381	5410247	359	206867	A	10	Moderate	Dry	Moderate rise to	SE	Dark Brown	Moss			Spruce	Balsam Fir		6	Some		SE		13
A705281	10-Oct-19	NW of Porphyry Lake	559381	5410247	359	206867	B	15	Moderate	Dry	Moderate rise to	SE	Dark Brown	Moss			Spruce	Balsam Fir		7			SE		2.5
A705282	10-Oct-19	NW of Porphyry Lake	559402	5410250	361	206867	A	5	Moderate	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce	Birch		6	Some		NW		11
A705283	10-Oct-19	NW of Porphyry Lake	559402	5410250	361	206867	B	15	Moderate	Dry	Flat		Rusty brown	Moss	Leaf Litter		Spruce	Birch		9			NW		2.5
A705284	10-Oct-19	NW of Porphyry Lake	559421	5410240	364	206867	A	5	Moderate	Dry	Flat		Dark Brown	Moss	Leaf Litter		Spruce	Birch	Balsam Fir	6	Some			No photo.	23
A705285	16-Oct-19	N of Porphyry Lake	559536	5410331	369	206867	A	10	Moderate	Damp	On shallow slope, facing	W	Dark Brown	Leaf Litter	Moss		Spruce	Birch	Balsam Fir	7			E	Massive dropoff facing west a few meters to W.	20
A705286	16-Oct-19	N of Porphyry Lake	559536	5410331	369	206867	B	20					Rich brown							9			E	2m SE of prev.	2.5
A705287	16-Oct-19	N of Porphyry Lake	559568	5410327	376	206867	A	10	Moderate	Dry	On shallow slope, facing	E	Dark Brown	Leaf Litter	Moss		Spruce	Birch		8			W		8
A705288	16-Oct-19	N of Porphyry Lake	559568	5410327	376	206867	B	15	Moderate	Dry	On shallow slope, facing	E	Rich brown	Leaf Litter	Moss		Spruce	Birch		10			W		2.5
A705289	16-Oct-19	N of Porphyry Lake	559601	5410322	372	206867	A	10	Moderate	Dry	On moderate slope, facing	ESE	Dark Brown	Leaf Litter	Moss		Alder	Balsam Fir	Birch	8			WNW		11
A705290	16-Oct-19	N of Porphyry Lake	559601	5410322	372	206867	B	15	Moderate				Medium brown							6			WNW	Clay rich.	2.5
A705291	16-Oct-19	N of Porphyry Lake	559630	5410323	371	322139	A	5	Moderate	Dry	Slight rise to	NNW	Dark Brown	Leaf Litter	Moss		Alder	Balsam Fir	Birch	8			NNW		14
A705292	16-Oct-19	N of Porphyry Lake	559630	5410323	371	322139	B		Moderate	Dry	Slight rise to	NNW	Medium brown	Leaf Litter	Moss		Alder	Balsam Fir	Birch	8			NNW		2.5

A705293	16-Oct-19	N of Porphyry Lake	559660	5410319	370	322139	A	10	Low	Dry	Slight rise to	NE	Dark Brown	Leaf Litter	Moss		Alder	Balsam Fir	Birch	9			NW		11
A705294	16-Oct-19	N of Porphyry Lake	559660	5410319	370	322139	B	15	Low	Dry	Slight rise to	NE	Medium brown	Leaf Litter	Moss		Alder	Balsam Fir	Birch	7			NW		2.5
A705295	16-Oct-19	N of Porphyry Lake	559684	5410309	372	322139	A	5	Moderate	Dry	On shallow slope, facing	SSW	Dark Brown	Leaf Litter			Balsam Fir	Birch		8			NNE		12
A705296	16-Oct-19	N of Porphyry Lake	559684	5410309	372	322139	B	15	Moderate	Dry	On shallow slope, facing	SSW	Dark Brown	Leaf Litter			Balsam Fir	Birch		10			NNE		2.5
A705297	16-Oct-19	N of Porphyry Lake	559708	5410303	372	322139	A	5	Moderate	Dry	Flat		Dark Brown	Leaf Litter			Spruce	Birch	Balsam Fir	6	Some		WSW		10
A705298	16-Oct-19	N of Porphyry Lake	559708	5410303	372	322139	B		Moderate	Dry	Flat		Dark Brown	Leaf Litter			Spruce	Birch	Balsam Fir	9			WSW		2.5
A705299	16-Oct-19	N of Porphyry Lake	559459	5410251	360	206867	A	5	Moderate	Damp	Slight rise to	NNE	Dark Brown	Moss	Leaf Litter		Spruce	Birch		4	Quite a bit			Loamy. No photo.	15
A705300	16-Oct-19	N of Porphyry Lake	559488	5410248	361	206867	A	15	Low	Dry	Valley trending	NNW	Dark Brown	Moss	Labrador Tea		Spruce	Birch		3	A lot		SSE		14
A705301	16-Oct-19	N of Porphyry Lake	559501	5410245	355	206867	A	10	Moderate	Dry	Slight rise to	SE	Dark Brown	Moss			Spruce	Birch		5	Some		NE		14
A705302	16-Oct-19	N of Porphyry Lake	559501	5410245	355	206867	B	15	Moderate	Dry	Slight rise to	SE	Rusty brown	Moss			Spruce	Birch		10			NE		2.5
A705303	16-Oct-19	N of Porphyry Lake	559529	5410240	360	206867	A	10	Moderate	Dry	On shallow slope, facing	SE	Dark Brown	Leaf Litter			Birch	Balsam Fir		6	Some		NNE		16
A705304	16-Oct-19	N of Porphyry Lake	559529	5410240	360	206867	B	15	Moderate	Dry	On shallow slope, facing	SE	Medium brown	Leaf Litter			Birch	Balsam Fir		7			NNE		2.5
A705305	16-Oct-19	N of Porphyry Lake	559555	5410232	355	206867	A	5	Moderate	Dry	Slight downhill to	ESE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir		5	Some		WNW		13
A705306	16-Oct-19	N of Porphyry Lake	559555	5410232	355	206867	B	10	Moderate	Dry	Slight downhill to	ESE	Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir		8			WNW		2.5
A705307	17-Oct-19	N of Porphyry Lake	559547	5410146	362	299370	A	5	Moderate	Dry	Moderate rise to	ESE	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch		7			E		20
A705308	17-Oct-19	N of Porphyry Lake	559547	5410146	362	299370	B	20	Moderate	Dry	Moderate rise to	ESE	Dark Brown	Leaf Litter	Moss		Balsam Fir	Birch		9			E		2.5
A705309	17-Oct-19	N of Porphyry Lake	559574	5410150	360	299370	A	10	Moderate	Dry	Moderate downhill to	E	Dark Brown	Moss			Spruce			6	Some		N	Line cut short due to lake.	10
A705310	17-Oct-19	E of Porphyry Lake	559523	5410098	351	299370	A	10	Low	Damp	Flat		Dark Brown	Grass			Spruce			9			E		24
A705311	17-Oct-19	E of Porphyry Lake	559546	5410093	349	299370	A	15	Low	Dry	Steep rise to	E	Dark Brown	Moss	Leaf Litter		Spruce	Birch		5	Moderate amount		E		14
A705312	17-Oct-19	N of 27 Lake	559901	5409876	408	263769	A	5	High	Dry	Slight rise to	ENE	Dark Brown	Leaf Litter	Moss		Spruce	Birch		7			NNE		21
A705313	17-Oct-19	N of 27 Lake	559901	5409876	408	263769	B	10	High	Dry	Slight rise to	ENE	Dark Brown	Leaf Litter	Moss		Spruce	Birch		8			NNE		2.5
A705314	17-Oct-19	N of 27 Lake	559875	5409877	406	263769	A	5	Moderate	Dry	On shallow slope, facing	WSW	Dark Brown	Leaf Litter	Moss		Spruce	Birch	Balsam Fir	7			NNE		16
A705315	17-Oct-19	N of 27 Lake	559875	5409877	406	263769	B	10	Moderate	Dry	On shallow slope, facing	WSW	Dark Brown	Leaf Litter	Moss		Spruce	Birch	Balsam Fir	9			NNE		2.5
A705316	17-Oct-19	N of 27 Lake	559848	5409885	396	263769	A	10	Low	Dry	Moderate rise to	E	Dark Brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	7			SE		15
A705317	17-Oct-19	N of 27 Lake	559848	5409885	396	263769	B	15	Low	Dry	Moderate rise to	E	Dark Brown	Moss	Leaf Litter		Balsam Fir	Spruce	Birch	7			SE		2.5
A705318	17-Oct-19	N of 27 Lake	559823	5409883	399	263769	A	10	Moderate	Dry	Flat		Dark Brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	7			E		12
A705319	17-Oct-19	N of 27 Lake	559823	5409883	399	263769	B	15	Moderate	Dry	Flat		Somewhat rusty brown	Leaf Litter	Moss		Spruce	Balsam Fir	Birch	8			E	Somewhat rusty brown.	2.5
A705320	17-Oct-19	N of 27 Lake	559791	5409885	397	263769	A	10	Moderate	Dry	On shallow slope, facing	WNW	Dark Brown	Leaf Litter			Balsam Fir	Spruce		6	Some		ESE	Loamy.	10
A705321	17-Oct-19	N of 27 Lake	559791	5409885	397	263769	B	15	Moderate	Dry	On shallow slope, facing	WNW	Dark Brown	Leaf Litter			Balsam Fir	Spruce		7			ESE		2.5
A705322	17-Oct-19	N of 27 Lake	559764	5409875	399	263769	A	5	Moderate	Dry	Flat		Dark Brown	Leaf Litter	Moss		Spruce	Birch	Spruce	8			ESE		12
A705323	17-Oct-19	N of 27 Lake	559764	5409875	399	263769	B	15	Moderate	Dry	Flat		Dark Brown	Leaf Litter	Moss		Spruce	Birch	Spruce	6			ESE		2.5

APPENDIX III

Lake Sediment Descriptions
(Table III)

Table III	Wire Lake Sediment Sample Descriptions							
Sample	Date	Lake	Easting	Northing	Elevation	Claim	Depth (metres)	Au_ppb
A704954	27-Jun-19	Contact	562246	5411272	363	218352	5	16
A704955	27-Jun-19	Contact	562405	5410989	365	153031	2	34
A704961	17-Aug-19	Camp-27	560100	5409668	393	288079	2	54
A704962	17-Aug-19	Camp-27	559926	5409726	391	263769	1	12
A704963	17-Aug-19	Camp-27	559846	5409780	392	263769	1	8

APPENDIX IV

Rock Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09210-Au-1C
Invoice Date: 23-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1C-Exp QOP PGE ICP-MS (Fire Assay-ICPMS)

REPORT **A19-09210-Au-1C**

Notes:

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

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Date Submitted: 17-Jul-19
Invoice No.: A19-09210-Au-1C
Invoice Date: 23-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-09210-Au-1C**

Notes:

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

We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Pd	Pt	Au
Unit Symbol	ppb	ppb	ppb	ppb
Lower Limit	5	1	1	2
Method Code	FA-AA	FA-MS	FA-MS	FA-MS
A704560	20			
A704561	34			
A704562	262			
A704563	84			
A704564	8			
A704565	70			
A704566	6			
A704567	252			
A704568	20			
A704569	45			
A704570	40			
A704571	63			
A704572	32			
A704573	23			
A704574	140			
A704575	65			
A704576	< 5			
A704577	27			
A704578	5			
A704579	23			
A704580	5			
A704581	9			
A704582	5			
A704583	34			
A704584	6			
A704585	5			
A704586	9			
A704587	5			
A704588	11			
A704589	544			
A704590	135			
A704591	7			
A704592	< 5			
A704593	6			
A704594	8			
A704595	6			
A704596	7			
A704597	5			
A704598	5			
A704599	7			
A704600	13			
A704601	6			

Analyte Symbol	Au	Pd	Pt	Au
Unit Symbol	ppb	ppb	ppb	ppb
Lower Limit	5	1	1	2
Method Code	FA-AA	FA-MS	FA-MS	FA-MS
A704602	21			
A704603	9			
A704604	13			
A704605	13			
A704606		< 1	< 1	6
A704607	197			
A704608	217			
A704609	14			

Analyte Symbol	Au	Pd	Pt	Au
Unit Symbol	ppb	ppb	ppb	ppb
Lower Limit	5	1	1	2
Method Code	FA-AA	FA-MS	FA-MS	FA-MS
PK2 Meas		5660	4450	4450
PK2 Cert		5918	4749	4785
Oreas 221 (Fire Assay) Meas	1080			
Oreas 221 (Fire Assay) Cert	1060			
Oreas 221 (Fire Assay) Meas	1050			
Oreas 221 (Fire Assay) Cert	1060			
Oreas 221 (Fire Assay) Meas	1070			
Oreas 221 (Fire Assay) Cert	1060			
A704569 Orig	43			
A704569 Dup	47			
A704579 Orig	24			
A704579 Dup	21			
A704589 Orig	543			
A704589 Dup	544			
A704608 Orig	225			
A704608 Dup	208			
A704609 Orig	14			
A704609 Split PREP DUP	13			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	< 5			
Method Blank	5			
Method Blank		< 1	< 1	3
Method Blank		< 1	< 1	3
Method Blank		< 1	< 1	3
Method Blank		< 1	< 1	3

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09210-TD
Invoice Date: 08-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine Total Digestion ICP & ICP/MS

REPORT **A19-09210-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704560	0.37	5.04	26.1	170	0.60	0.65	3.87	1.96	18.2	30.7	36	0.43	103	4.59	16.1	0.34	2.4	1.05	0.29	6.9	2.2	1.09	881
A704561	0.12	6.99	0.5	80	0.43	0.06	8.23	0.06	15.0	48.3	85	0.51	109	11.1	25.7	0.21	1.2	0.080	0.22	5.2	47.1	2.18	2270
A704562	1.42	1.39	8.7	< 10	0.69	0.56	6.82	1.86	2.93	8.7	13	< 0.05	199	24.5	8.12	0.28	0.6	0.425	0.04	0.8	1.2	2.90	14300
A704563	0.51	1.19	5.0	< 10	0.58	0.24	7.53	3.28	4.35	12.5	14	0.06	221	27.2	9.37	0.26	0.6	0.470	0.02	1.7	1.7	3.48	15100
A704564	0.04	6.00	0.6	170	0.55	0.12	6.61	0.27	15.8	34.9	52	0.63	15.4	7.42	17.9	0.14	0.3	0.080	0.22	5.4	3.3	1.39	1680
A704565	0.08	1.65	10.2	90	0.65	0.14	1.78	3.73	5.70	10.0	39	0.64	44.2	4.78	10.3	0.14	0.6	0.382	0.18	2.4	3.2	0.37	897
A704566	0.07	8.07	6.5	600	1.62	0.20	4.67	1.92	77.2	23.9	24	5.45	29.2	7.40	17.4	0.52	3.4	0.359	1.42	29.4	19.0	2.54	1270
A704567	0.94	2.59	13.3	60	0.70	0.34	2.13	2.47	17.5	12.4	33	0.60	348	15.9	12.0	0.50	1.2	0.419	0.19	9.3	2.9	1.50	3700
A704568	0.42	4.99	21.0	290	1.28	0.19	3.86	3.28	26.4	18.4	62	1.62	253	6.52	15.3	0.11	1.9	0.345	1.14	12.0	17.1	0.90	1110
A704569	0.70	3.48	19.4	40	0.73	0.35	2.82	0.79	11.8	3.9	43	0.46	79.1	15.9	17.5	0.15	1.6	0.429	0.27	6.3	2.1	1.15	5180
A704570	1.33	3.36	21.0	90	0.32	0.41	4.57	0.55	10.2	7.4	86	0.70	239	9.38	15.7	0.49	1.4	0.498	0.62	4.9	2.9	0.67	1120
A704571	0.63	5.71	8.9	310	1.24	0.30	1.98	5.79	26.7	23.9	53	1.63	242	6.14	17.7	0.10	2.5	0.332	1.81	13.6	16.5	0.63	508
A704572	0.33	6.57	0.4	960	1.91	0.14	7.85	0.22	76.5	53.6	57	2.17	169	8.64	3.25	0.18	0.9	0.067	1.14	38.2	18.0	4.10	1600
A704573	0.27	3.80	0.8	100	2.25	0.18	7.92	0.13	68.8	71.4	293	0.12	321	10.9	9.77	0.27	1.7	0.057	0.10	37.3	5.1	7.85	1680
A704574	0.19	5.59	0.2	960	2.45	0.17	7.53	0.22	70.5	44.4	331	2.43	198	9.82	< 0.05	0.21	1.9	0.038	1.51	35.7	22.8	4.22	2320
A704575	0.34	7.40	1.1	100	0.46	0.24	4.86	0.15	52.4	94.9	596	2.39	121	16.6	15.5	0.26	2.1	0.062	0.69	23.3	15.7	2.11	3470
A704576	0.06	7.48	1.6	60	1.18	0.04	5.44	0.23	22.4	11.0	28	0.64	22.0	2.95	29.5	0.36	2.7	0.049	0.16	11.3	13.0	0.71	385
A704577	0.11	3.83	1.0	40	0.26	0.08	13.1	0.20	28.8	16.0	24	< 0.05	237	17.0	12.1	0.14	1.9	0.059	0.08	12.5	2.2	1.90	8820
A704578	0.11	4.26	0.8	30	0.08	0.04	7.47	0.15	9.85	34.6	93	0.24	343	9.57	14.0	0.43	0.9	0.050	0.10	3.7	7.0	3.71	2650
A704579	0.56	5.44	1.1	60	0.34	0.12	6.86	0.12	13.1	37.1	44	0.47	1700	18.7	23.2	0.40	2.2	0.151	0.19	5.1	16.2	2.79	5820
A704580	0.07	8.50	< 0.2	470	0.52	0.03	4.63	0.08	13.4	68.1	107	0.89	132	5.67	17.8	0.33	1.7	0.117	1.50	4.4	19.6	4.22	1020
A704581	0.21	5.83	0.4	270	0.37	0.33	0.29	0.09	14.1	3.2	25	1.23	108	1.71	10.4	0.05	4.6	0.023	1.45	6.1	7.8	0.32	148
A704582	0.13	7.70	5.1	520	0.46	0.10	0.30	< 0.02	23.4	1.8	8	1.50	7.4	1.48	15.0	0.21	5.8	0.035	3.74	11.2	17.2	0.61	219
A704583	0.55	7.76	97.1	540	0.59	1.29	0.26	0.15	11.2	35.5	44	1.58	248	2.60	22.4	0.49	3.6	0.726	3.45	4.7	11.5	0.53	244
A704584	0.20	6.75	3.2	280	0.59	0.09	1.15	0.24	31.8	3.7	13	0.49	20.0	2.05	12.7	< 0.05	5.4	0.041	1.64	13.4	6.2	0.31	237
A704585	0.03	8.47	0.5	70	0.35	0.05	6.97	0.07	12.1	38.0	83	1.27	65.4	5.17	19.7	0.21	0.5	0.069	0.45	4.2	10.6	3.61	1300
A704586	0.22	3.81	0.9	60	0.60	0.12	5.91	1.02	14.7	24.2	19	0.14	262	23.5	15.0	0.19	2.2	0.220	0.23	6.2	4.3	2.13	8620
A704587	0.06	7.49	1.8	20	0.41	0.16	8.41	0.11	15.2	58.7	95	0.63	158	8.25	21.6	0.24	0.9	0.080	0.26	5.3	9.4	3.66	2440
A704588	0.06	8.41	0.9	80	0.35	0.04	6.25	0.09	10.3	47.5	175	0.65	96.5	7.10	21.9	0.27	1.2	0.075	0.39	3.6	20.3	3.42	1210
A704589	0.24	8.59	1.4	70	0.47	0.27	5.29	0.09	12.7	52.8	157	1.23	122	7.22	22.8	0.38	1.2	0.051	0.54	4.4	45.3	4.14	1390
A704590	0.16	8.69	< 0.2	660	1.15	0.16	1.33	0.08	36.3	4.3	11	1.86	6.4	2.61	18.1	0.11	3.3	0.029	1.62	15.7	18.4	0.46	416
A704591	0.09	7.48	210	150	0.78	0.10	1.34	0.08	13.0	17.8	34	0.45	108	2.52	15.6	0.15	3.9	0.039	0.43	7.1	3.5	0.27	169
A704592	0.12	8.90	1.1	690	1.25	0.11	2.48	0.13	43.5	7.1	9	1.16	55.5	3.69	20.1	0.05	3.4	0.042	1.16	19.4	8.5	0.63	493
A704593	0.10	6.16	3.9	80	0.41	0.04	0.64	0.11	17.4	9.8	22	0.05	14.2	2.17	13.6	0.05	4.4	0.007	0.30	6.8	0.6	0.06	137
A704594	0.25	6.00	4.7	250	0.46	0.38	0.73	0.32	8.13	3.1	29	< 0.05	90.3	2.16	13.2	< 0.05	3.3	0.112	0.45	3.3	0.3	0.20	165
A704595	0.33	7.97	7.5	270	1.08	0.36	1.32	0.15	58.3	31.7	35	0.94	239	3.83	15.3	0.10	5.1	0.245	2.10	25.9	18.5	0.68	264
A704596	0.20	6.84	25.2	260	0.51	0.17	0.81	0.37	25.3	7.7	34	0.62	39.4	2.24	15.9	0.06	3.8	0.055	2.66	10.7	9.9	0.48	125
A704597	0.16	6.72	35.9	180	0.61	0.17	3.27	0.23	19.9	5.1	34	0.33	42.2	1.64	24.2	0.42	2.3	0.146	0.66	7.8	3.4	0.18	259
A704598	0.08	7.09	31.4	600	0.60	0.07	0.88	0.27	16.8	2.9	14	0.52	22.0	1.25	12.2	< 0.05	2.5	0.020	2.74	8.1	9.6	0.46	89
A704599	0.12	7.76	73.0	170	0.64	0.04	4.65	0.04	12.7	53.2	83	1.63	91.1	6.55	19.1	0.31	1.8	0.091	1.26	5.1	23.4	3.45	3060
A704600	0.43	6.44	78.3	700	0.38	0.51	0.20	0.13	6.54	4.2	23	0.83	40.5	2.25	16.8	0.16	3.8	0.090	3.37	2.7	13.2	0.59	130
A704601	0.19	7.24	23.3	670	0.66	0.12	0.58	0.08	33.6	7.2	9	0.64	12.8	1.54	11.1	0.06	5.3	0.024	3.18	13.1	13.2	0.48	337

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704602	0.18	2.07	5.4	150	0.13	0.32	0.40	1.13	4.54	6.3	65	0.34	36.1	1.79	4.78	< 0.05	1.0	0.096	0.53	2.3	2.1	0.09	146
A704603	0.09	7.11	2.0	90	0.38	0.07	7.50	0.18	15.4	33.9	51	0.43	99.3	14.1	20.2	0.59	1.9	0.079	0.21	5.7	11.1	2.21	8660
A704604	0.22	7.67	1.0	170	3.14	0.17	4.14	0.06	81.5	33.2	101	3.71	38.2	7.51	25.4	0.27	4.0	0.041	1.09	37.1	69.0	2.70	760
A704605	0.03	7.73	0.5	180	< 0.05	0.06	8.52	0.10	2.45	39.4	1020	0.21	33.8	5.74	9.69	0.15	0.4	0.028	0.26	0.9	9.1	5.39	954
A704606	0.08	5.97	0.3	130	0.71	0.37	4.06	0.08	21.7	40.0	8	4.66	169	12.8	28.6	0.19	2.1	0.135	0.60	7.3	13.3	1.91	1700
A704607	0.24	0.49	1.2	40	0.05	0.38	0.17	0.04	1.58	6.1	87	0.51	65.5	2.02	2.21	0.07	0.1	0.008	0.16	0.6	2.3	0.21	313
A704608	0.17	0.49	1.6	30	< 0.05	0.47	0.06	0.12	2.19	9.4	269	0.31	110	2.64	2.49	0.10	0.1	0.022	0.11	0.7	4.1	0.31	465
A704609	0.07	7.11	37.8	490	1.06	0.13	1.81	< 0.02	20.6	2.6	27	6.93	10.0	1.39	12.7	0.08	2.2	0.022	2.16	8.9	35.3	0.79	285

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704560	4.70	1.51	3.1	27.4	340	38.0	10.5	0.003	0.23	0.21	9.7	1	14.5	404	0.19	0.58	1.7	0.221	0.14	0.6	67	0.4	7.7
A704561	< 0.05	0.86	0.4	41.2	790	1.7	6.9	0.002	0.78	< 0.05	44.0	< 1	0.7	51.8	< 0.05	< 0.05	0.5	0.422	0.10	0.2	220	0.2	26.5
A704562	2.95	0.10	0.8	4.7	110	4.0	0.5	< 0.002	0.30	0.09	3.3	5	2.9	42.4	< 0.05	1.37	< 0.2	0.049	0.03	< 0.1	34	0.3	9.3
A704563	2.21	0.07	0.8	13.5	70	2.7	0.4	< 0.002	0.19	0.09	4.2	2	6.0	51.2	< 0.05	0.33	0.4	0.045	0.03	0.1	22	0.5	7.3
A704564	< 0.05	1.11	< 0.1	25.8	480	12.6	6.2	< 0.002	0.02	< 0.05	40.4	< 1	< 0.2	187	< 0.05	< 0.05	0.4	0.135	0.06	0.2	88	< 0.1	26.5
A704565	2.30	0.14	1.3	14.4	120	9.0	8.6	< 0.002	0.07	0.09	4.2	< 1	2.5	45.0	0.06	0.13	0.5	0.075	0.10	0.1	37	0.4	4.4
A704566	0.82	1.48	2.1	10.0	1600	26.2	60.7	< 0.002	0.02	< 0.05	23.7	< 1	3.2	815	< 0.05	< 0.05	3.7	0.428	0.54	1.1	152	0.2	23.1
A704567	3.72	0.10	1.7	11.5	550	6.4	7.9	0.003	1.01	0.11	8.9	4	3.0	39.7	0.11	0.74	2.4	0.143	0.12	0.4	58	0.5	9.0
A704568	3.63	0.37	2.7	33.1	390	5.5	53.0	0.002	0.91	0.15	11.0	2	2.6	62.9	0.19	0.53	1.6	0.205	0.54	0.5	69	0.8	9.2
A704569	3.25	0.09	2.7	3.5	470	7.7	6.8	< 0.002	0.25	0.11	8.6	6	5.0	31.4	0.15	1.21	1.0	0.158	0.16	0.2	59	0.3	12.0
A704570	5.12	0.12	2.2	8.9	420	10.4	25.7	0.004	1.01	0.25	7.0	7	4.8	181	0.14	0.99	1.1	0.157	0.32	0.2	75	0.5	6.3
A704571	4.47	0.79	2.9	27.8	420	23.4	52.2	< 0.002	1.18	0.16	7.1	2	4.5	101	0.23	0.35	1.9	0.159	0.49	0.7	47	0.7	7.6
A704572	0.73	1.72	0.4	216	630	6.0	47.9	< 0.002	0.08	< 0.05	25.9	< 1	0.2	823	< 0.05	< 0.05	3.2	0.187	0.16	0.6	68	< 0.1	14.7
A704573	0.36	0.55	4.9	433	610	2.6	1.0	< 0.002	0.62	< 0.05	25.0	< 1	0.9	454	0.09	< 0.05	2.8	0.432	0.05	0.5	124	0.7	13.3
A704574	0.15	0.19	1.0	256	560	4.7	52.7	< 0.002	0.07	< 0.05	26.2	< 1	0.2	403	< 0.05	< 0.05	5.1	0.357	0.18	0.9	85	0.2	12.3
A704575	0.89	0.25	7.2	414	670	3.0	27.4	< 0.002	1.23	0.06	32.8	< 1	0.7	270	0.56	0.36	2.3	0.417	0.19	0.6	184	0.7	23.6
A704576	0.83	1.61	3.0	29.5	380	2.8	6.1	< 0.002	< 0.01	0.09	9.4	< 1	0.7	178	0.19	< 0.05	2.0	0.235	0.09	0.6	78	0.7	10.3
A704577	1.15	0.20	2.9	18.0	360	1.9	0.7	< 0.002	1.23	0.13	8.8	1	1.8	45.8	0.19	< 0.05	1.6	0.136	0.03	0.5	35	0.5	21.7
A704578	0.65	0.48	0.9	39.1	290	1.6	4.1	< 0.002	0.57	0.06	25.7	< 1	0.7	57.8	< 0.05	< 0.05	0.3	0.328	0.04	0.2	152	0.1	19.4
A704579	0.84	0.24	0.5	23.7	450	4.7	3.6	0.004	2.06	0.07	38.4	2	1.3	132	< 0.05	0.18	0.7	0.356	0.07	0.3	186	0.1	31.3
A704580	0.13	1.87	0.2	96.8	510	8.1	53.1	< 0.002	0.30	0.06	51.6	< 1	0.5	257	< 0.05	< 0.05	0.5	0.364	0.34	0.2	191	< 0.1	24.2
A704581	2.45	2.59	5.7	3.1	220	14.4	37.3	< 0.002	0.24	0.86	5.6	1	2.0	103	0.39	0.15	3.4	0.177	0.87	3.6	21	1.2	7.1
A704582	1.76	0.73	6.1	1.4	340	3.8	92.7	< 0.002	0.20	0.08	6.7	< 1	1.6	40.5	0.27	0.06	2.2	0.239	1.88	2.2	26	1.2	7.5
A704583	12.8	1.13	2.5	13.9	300	48.0	80.2	< 0.002	0.05	0.96	16.9	2	6.5	45.4	0.17	0.63	2.8	0.263	2.60	1.3	115	1.1	7.2
A704584	1.82	2.32	7.0	5.0	390	5.0	42.1	< 0.002	0.70	0.08	6.4	< 1	1.4	134	0.54	< 0.05	3.3	0.231	1.17	0.9	20	0.6	12.1
A704585	< 0.05	1.97	< 0.1	54.1	460	1.9	11.2	< 0.002	0.03	< 0.05	41.4	< 1	< 0.2	167	< 0.05	< 0.05	0.4	0.117	0.11	0.2	82	< 0.1	18.4
A704586	4.47	0.39	2.7	30.1	330	4.0	1.8	0.011	1.82	0.07	12.4	5	2.2	14.0	0.19	0.39	1.7	0.140	0.04	0.5	44	0.3	24.3
A704587	0.23	0.83	0.3	75.3	500	2.1	7.9	< 0.002	0.26	0.08	43.5	< 1	0.4	161	< 0.05	< 0.05	0.4	0.289	0.08	0.1	157	< 0.1	28.9
A704588	< 0.05	1.86	0.2	66.7	430	2.1	10.9	< 0.002	0.06	< 0.05	44.1	< 1	< 0.2	138	< 0.05	< 0.05	0.4	0.283	0.07	0.2	135	< 0.1	18.7
A704589	0.16	1.84	0.4	77.4	450	3.8	14.7	< 0.002	0.23	< 0.05	50.2	< 1	0.3	132	< 0.05	0.33	0.4	0.469	0.10	0.2	222	0.1	22.3
A704590	0.53	4.37	4.2	1.8	670	9.6	47.1	< 0.002	0.27	0.07	3.9	< 1	0.8	501	0.27	0.22	2.8	0.207	0.27	0.9	40	5.0	5.4
A704591	3.90	4.16	4.6	10.5	480	5.1	11.9	< 0.002	0.13	0.09	13.9	3	0.4	200	0.32	0.67	2.8	0.251	0.17	1.3	56	0.9	9.3
A704592	0.46	4.01	4.4	2.2	720	10.9	30.9	< 0.002	0.78	0.12	5.1	1	0.9	649	0.27	0.33	2.9	0.261	0.31	1.1	49	1.8	7.9
A704593	2.57	4.33	4.7	4.7	410	3.7	5.6	< 0.002	0.78	0.08	2.3	< 1	0.6	75.3	0.40	< 0.05	2.3	0.180	0.16	1.5	11	0.7	7.0
A704594	5.11	3.93	3.5	3.2	90	40.1	6.2	< 0.002	0.41	0.23	6.1	2	1.7	125	0.36	0.36	1.7	0.111	0.15	1.3	17	0.7	5.4
A704595	2.60	2.51	7.1	22.3	760	4.9	49.4	< 0.002	2.06	0.31	9.2	2	1.8	238	0.52	0.23	3.1	0.274	0.96	1.1	56	1.0	12.9
A704596	1.70	1.43	4.9	12.2	490	19.4	69.1	< 0.002	1.51	0.33	7.4	1	2.0	103	0.39	0.10	2.4	0.241	3.31	0.7	51	0.7	8.4
A704597	2.41	1.82	2.4	7.3	440	15.4	16.1	< 0.002	0.17	0.23	5.5	1	2.2	236	0.16	0.09	2.0	0.145	0.88	0.5	41	0.6	3.0
A704598	1.09	1.20	2.6	4.4	570	10.2	64.8	< 0.002	0.75	0.23	2.5	< 1	2.3	119	0.13	< 0.05	3.0	0.145	3.34	0.8	19	0.5	3.3
A704599	0.19	1.94	3.1	65.8	610	5.4	45.5	< 0.002	0.79	0.07	39.5	< 1	1.2	182	0.10	< 0.05	0.4	0.667	2.49	0.2	284	0.5	23.8
A704600	3.18	0.66	4.3	5.3	410	42.0	89.6	< 0.002	0.71	1.54	8.1	3	4.6	53.1	0.29	0.40	2.8	0.208	5.44	1.1	50	0.8	4.4
A704601	1.42	1.14	7.4	5.6	380	3.2	75.0	< 0.002	0.51	< 0.05	6.5	< 1	1.4	91.3	0.50	< 0.05	3.1	0.218	2.08	0.9	22	0.6	10.9

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704602	7.75	0.55	1.7	10.6	140	9.3	12.9	0.011	0.23	0.12	4.9	1	0.7	29.8	0.08	0.26	0.9	0.078	0.30	0.3	28	0.7	2.0
A704603	0.82	0.27	4.1	38.9	590	2.4	5.0	< 0.002	0.23	0.19	44.0	< 1	0.9	42.1	0.23	< 0.05	0.4	0.649	0.04	0.1	290	1.5	34.6
A704604	0.20	2.71	13.6	36.7	2080	5.1	59.2	< 0.002	0.16	0.13	22.5	< 1	1.2	264	0.21	< 0.05	2.8	0.493	0.39	4.1	173	0.6	20.9
A704605	0.38	1.16	0.6	117	90	1.2	5.4	< 0.002	0.01	0.05	43.4	< 1	< 0.2	86.0	< 0.05	< 0.05	< 0.2	0.185	0.06	< 0.1	158	0.1	8.0
A704606	< 0.05	1.88	0.1	3.5	630	4.8	33.7	0.002	0.56	< 0.05	47.0	< 1	0.4	96.1	< 0.05	< 0.05	1.1	0.338	0.26	0.4	127	< 0.1	44.1
A704607	3.17	0.07	0.2	14.5	40	2.2	6.4	< 0.002	0.56	0.08	4.5	2	< 0.2	9.5	< 0.05	2.14	< 0.2	0.050	0.06	0.1	32	2.1	1.6
A704608	3.41	0.03	0.3	57.1	70	4.8	4.7	< 0.002	0.32	0.11	3.7	2	< 0.2	4.6	< 0.05	16.5	< 0.2	0.045	0.05	< 0.1	26	3.8	1.5
A704609	1.14	2.35	1.8	5.0	440	16.4	73.7	< 0.002	0.04	0.31	4.6	< 1	0.8	544	0.10	0.13	3.1	0.186	0.87	1.5	35	0.5	4.0

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704560	0.8	1290	84.1
A704561	3.2	95	34.5
A704562	0.9	741	29.5
A704563	0.9	873	30.2
A704564	2.9	183	9.1
A704565	0.5	725	26.1
A704566	2.3	361	114
A704567	1.1	606	41.3
A704568	1.0	866	73.7
A704569	1.3	361	66.7
A704570	0.9	342	60.3
A704571	0.8	1340	92.2
A704572	1.6	121	31.0
A704573	1.3	87	60.5
A704574	1.4	83	68.1
A704575	3.5	138	77.1
A704576	1.1	61	93.0
A704577	2.3	198	72.6
A704578	2.0	121	26.3
A704579	3.7	184	75.8
A704580	2.8	58	53.5
A704581	1.4	39	192
A704582	1.5	25	210
A704583	1.5	225	119
A704584	1.3	183	195
A704585	2.1	76	15.9
A704586	2.8	610	86.0
A704587	3.4	91	26.0
A704588	2.2	51	37.7
A704589	2.5	90	41.2
A704590	0.4	85	76.9
A704591	1.3	28	143
A704592	0.6	89	118
A704593	1.0	71	169
A704594	0.9	201	107
A704595	1.5	93	189
A704596	1.0	227	136
A704597	0.4	205	75.5
A704598	0.4	154	89.0
A704599	2.8	111	60.0
A704600	0.8	72	137
A704601	1.4	43	196

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704602	0.3	364	41.1
A704603	4.3	140	65.8
A704604	2.2	162	152
A704605	1.0	55	9.3
A704606	5.0	71	69.2
A704607	0.2	26	3.2
A704608	0.1	66	3.6
A704609	0.4	36	75.4

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		8.08	< 0.2	660	2.81		1.04		86.4	16.0	49	3.81	27.2	4.84	19.5		1.0		2.22	38.6	28.7	1.00	828
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas			9.7							160	167		296	9.26									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
Oreas 72a (4 Acid Digest) Meas			5.5							144	174		272	9.42									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
OREAS 101b (4 Acid) Meas									> 500	44.5			381	10.5					2.43	697		1.23	883
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	47.7			393	10.7					2.59	735		1.25	916
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 98 (4 Acid) Meas	50.3					79.6				139			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				110			7.37			58.7	136		96.7	7.14	15.7					3.6	4.8		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				110			7.45				149			7.30									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.85		45.5							64.2	9400		1780										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas	0.64	6.58	94.5	200	9.55	4.07	0.05		88.3	86.3	61	3.77	5850	7.13	19.1	0.07	0.3	0.230	2.82	42.9	15.3	0.59	425
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.65	6.55	88.9	210	8.86	3.99	0.05		85.6	85.8	60	3.64	5900	7.01	17.8	0.17	5.1	0.204	3.68	41.7	16.1	0.58	433
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
SBC-1 Meas			25.4	820	3.33	0.70		0.33	110	22.6	105	7.97	30.6		21.2		3.5			47.6	160		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			26.1	830	3.58	0.75		0.36	103	23.4	97	7.59	40.7		26.1		3.6			45.7	179		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		8.22	7.0	200	0.77	0.32	0.20		37.1	30.2	543	3.69	361	14.7	25.4		1.4	0.099	0.45	17.0	21.3	0.25	506
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 45d (4-Acid) Meas		8.31	8.7	200	0.74	0.34	0.20		37.1	30.0	560	3.62	340	14.7	23.4		2.7	0.077	0.44	17.0	22.2	0.25	527
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.1					25.2				45.6			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.9					25.3				50.7			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	2.00	7.51	6.6	440	2.32	23.0	0.50	0.37	79.0	21.6	79	6.23	3970	6.80	17.8		3.6	0.492	2.05	39.8	28.0	1.76	940
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 923 (4 Acid) Meas	1.76	7.48	6.0	460	2.09	21.0	0.50	0.38	80.5	20.9	76	6.10	3930	6.77	17.0		3.6	0.482	2.62	39.1	26.6	1.75	928
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	63.7	6.47	65.3		1.77	3.90	2.05	240	42.3	28.3	49	3.14	3300	3.84	28.6		4.7	1.80	2.30	16.2	13.2	0.52	558
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas	69.9	6.68	63.8		1.77	4.01	2.09	253	47.2	30.6	30	3.27	3610	3.90	26.6		4.8	1.87	2.28	19.7	13.5	0.52	533
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 522 (4 Acid) Meas	1.38	3.79	404		0.60	8.40	3.46		58.5	545	31	0.62	8020	23.6	17.0		3.0	0.220	2.92	45.9	14.0	1.12	3670
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
Oreas 77b (4 Acid Digest) Meas	1.75	1.78	1610	90	0.46	3.15	2.66	1.01	28.3	1710	215	2.20	3370	27.2	5.00		1.1	0.116	0.34	15.5	18.5	2.44	590
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
Oreas 77b (4 Acid Digest) Meas	1.71	1.79	1530	80	0.46	3.22	2.68	1.21	26.9	1680	225	2.10	3190	27.6	5.09		1.2	0.117	0.34	14.6	20.3	2.48	593
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
A704571 Orig	0.65	5.74	9.2	410	1.23	0.30	1.99	5.82	26.9	24.1	51	1.62	244	6.19	16.8	0.11	2.5	0.336	1.86	13.8	16.7	0.64	505
A704571 Dup	0.61	5.69	8.5	220	1.25	0.29	1.97	5.76	26.5	23.6	54	1.63	240	6.08	18.7	0.09	2.5	0.328	1.75	13.3	16.3	0.63	511
A704595 Orig	0.33	7.88	7.8	290	1.12	0.36	1.31	0.16	60.3	32.9	39	0.97	247	3.81	15.7	0.11	5.3	0.250	2.08	26.9	19.2	0.68	263
A704595 Dup	0.32	8.05	7.2	260	1.04	0.35	1.34	0.14	56.4	30.5	30	0.91	231	3.85	15.0	0.08	4.9	0.241	2.13	24.8	17.9	0.69	265
A704609 Orig	0.07	7.11	37.8	490	1.06	0.13	1.81	< 0.02	20.6	2.6	27	6.93	10.0	1.39	12.7	0.08	2.2	0.022	2.16	8.9	35.3	0.79	285
A704609 Split PREP DUP	0.08	7.14	33.0	490	1.01	0.15	1.82	< 0.02	20.0	2.3	30	6.68	39.8	1.40	10.5	0.30	2.1	0.017	2.30	8.3	31.9	0.81	293

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.14		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.20	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.03	< 0.01	< 0.02	0.23	< 0.1		< 0.05	0.2	< 0.01	0.23	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank	< 0.01	< 0.01	0.3	< 10	< 0.05	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	< 0.2	< 0.01	0.18	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.02	< 0.01	< 0.02	0.11	< 0.1		< 0.05	0.4	< 0.01	0.24	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank	< 0.01	< 0.01	0.4	< 10	< 0.05	< 0.01	< 0.01	< 0.02	0.11	< 0.1		< 0.05	0.6	< 0.01	0.23	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01	< 0.01	0.4	< 10	< 0.05	0.01	< 0.01	< 0.02	0.05	< 0.1		< 0.05	0.6	< 0.01	0.24	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.49	< 0.1	30.5	580	26.7	98.1			0.05	13.3		< 0.2	160	< 0.05		11.5	0.113	0.69	2.9	40	0.4	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas				6880					1.66														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
Oreas 72a (4 Acid Digest) Meas				6030					1.68														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
OREAS 101b (4 Acid) Meas	19.1			9.0	1090	23.0											34.1	0.340		358	79		126
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.8			9.3	1210	22.9											33.1	0.341		349	80		129
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 98 (4 Acid) Meas						300			> 10.0	17.9		142	230										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.41	1.5	263		6.8	3.6			0.85	34.4			161				0.263			139		16.5
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.43																0.268			145		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	8.20			1840					1.17														
OREAS 13b (4-Acid) Cert	9.0			2247.000					1.2														
OREAS 904 (4 ACID) Meas	2.05	0.04		42.4	940	12.1	115		0.06	1.05	12.4	2	3.0	27.7	0.11		14.9		0.60	9.2	84	2.7	32.2
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.04	0.04		40.1	1050	11.7	127		0.06	1.05	11.6	2	3.1	26.1	0.68		14.1		0.57	9.1	84	2.4	31.2
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
SBC-1 Meas	2.62		14.1	84.0		36.9	136			1.12	19.4		3.8	180	0.97		15.4	0.481	0.95	5.9	221	1.7	29.2
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.16		14.1	90.1		37.4	146			1.07	22.6		3.7	183	1.00		15.4	0.469	0.96	5.8	209	1.9	30.5
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
OREAS 45d (4-Acid) Meas	0.11	0.10	< 0.1	235	370	21.7	41.3		0.04	0.05	54.0		0.3	33.4	< 0.05		14.2	0.127	0.29	2.7	99	< 0.1	10.9
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 45d (4-Acid) Meas	0.42	0.10	1.0	228	380	22.2	40.2		0.05	< 0.05	52.6		0.7	31.2	< 0.05		14.3	0.323	0.28	2.8	147	< 0.1	10.9
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						93.1			4.33	3.45		33	65.4										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						94.9			4.26	3.44		30	70.0										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.78	0.32	13.1	34.8	650	85.7	125		0.71	1.21	12.5	4	13.7	40.2	1.01		15.7	0.402	0.88	3.1	95	4.5	23.2
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 923 (4 Acid) Meas	0.87	0.32	12.3	33.5	650	80.5	141		0.71	1.19	11.9	5	13.6	39.9	0.83		15.6	0.395	0.91	3.5	92	4.5	23.9
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	12.9	1.32	8.0	28.1	380	> 10000	74.7		4.54	39.8	6.4	6	5.2	59.4			4.4	0.181	2.11	2.9	34	1.4	10.9
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas	13.9	1.32	9.4	29.6	390	> 10000	84.6		4.61	22.6	7.5	6	6.0	67.5			5.5	0.176	2.18	2.9	33	2.1	13.1
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 522 (4 Acid) Meas	205	0.60	5.5	69.1	890	12.4	75.9	0.100	2.34	4.51	11.8	1	9.9	62.0	0.34	0.54	2.1	0.323	0.33	41.5	161	126	17.2
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
Oreas 77b (4 Acid Digest) Meas		0.39	3.1	> 10000		57.4	19.0	0.021		8.07	4.3		1.7	38.9	0.23	1.13	6.0	0.056	1.39	1.8	35	2.9	7.2
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
Oreas 77b (4 Acid Digest) Meas		0.40	3.0	> 10000		57.3	18.9	0.022		7.14	4.5		1.7	36.7	0.24	1.00	5.9	0.056	1.44	1.8	36	3.2	7.0
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
A704571 Orig	4.25	0.80	2.9	28.8	410	23.9	54.3	< 0.002	1.19	0.12	7.2	2	4.6	103	0.23	0.38	1.9	0.159	0.49	0.6	47	0.7	7.7
A704571 Dup	4.68	0.78	2.9	26.9	420	22.9	50.2	0.002	1.17	0.19	7.0	2	4.5	98.4	0.22	0.32	1.8	0.159	0.48	0.8	46	0.6	7.6
A704595 Orig	2.72	2.49	7.3	22.8	750	5.1	51.0	< 0.002	2.05	0.33	9.5	3	1.8	243	0.53	0.26	3.3	0.273	0.98	1.3	56	1.0	13.3
A704595 Dup	2.49	2.52	6.9	21.8	760	4.7	47.7	< 0.002	2.08	0.30	8.9	2	1.7	233	0.50	0.20	3.0	0.275	0.93	1.0	56	0.9	12.6
A704609 Orig	1.14	2.35	1.8	5.0	440	16.4	73.7	< 0.002	0.04	0.31	4.6	< 1	0.8	544	0.10	0.13	3.1	0.186	0.87	1.5	35	0.5	4.0
A704609 Split PREP DUP	1.15	2.36	2.1	4.5	460	16.3	70.4	< 0.002	0.04	0.40	4.5	< 1	0.8	458	0.15	< 0.05	3.1	0.188	0.88	1.6	35	0.6	3.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Method Blank		< 0.01			< 10				< 0.01									0.011			1		
Method Blank	0.09		< 0.1	0.2		0.8	< 0.1	< 0.002		0.05	0.3	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.10	< 0.1		< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	0.3	< 10	1.0	< 0.1	< 0.002	< 0.01	< 0.05	0.3	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	0.06	< 0.1	< 1	< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05	< 0.01	< 0.1	1.0	< 10	0.7	< 0.1	< 0.002	< 0.01	< 0.05	0.3	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	0.03	< 0.1	< 1	< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	0.3	< 10	0.8	< 0.1	< 0.002	< 0.01	< 0.05	0.3	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	0.07	< 0.1	< 1	< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	0.3	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	< 0.05	< 0.01	< 0.1	0.8	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	0.2	2	0.8	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	0.02	< 0.1	< 1	< 0.1	< 0.1

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.4	108	31.9
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas	13.4		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	13.4		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 98 (4 Acid) Meas		1320	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	61	36.2
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas		64	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		146	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas	3.4	28	29.9
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	171
OREAS 904 (4 ACID) Cert	3.14	26.3	171
SBC-1 Meas	3.4	200	109
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.5	191	112
SBC-1 Cert	3.64	186	134.0
OREAS 45d (4-Acid) Meas	1.5	47	51.6
OREAS 45d (4-Acid) Cert	1.33	45.7	141

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 45d (4-Acid) Meas	1.5	46	94.1
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		469	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		466	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.6	366	114
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 923 (4 Acid) Meas	2.5	369	117
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.0	> 10000	156
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas	1.1	> 10000	181
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 522 (4 Acid) Meas	1.9	28	111
OREAS 522 (4 Acid) Cert	1.97	30.2	112
Oreas 77b (4 Acid Digest) Meas		178	41.9
Oreas 77b (4 Acid Digest) Cert		205	37.9
Oreas 77b (4 Acid Digest) Meas		178	41.7
Oreas 77b (4 Acid Digest) Cert		205	37.9
A704571 Orig	0.8	1330	93.5
A704571 Dup	0.9	1350	90.9
A704595 Orig	1.5	92	196
A704595 Dup	1.4	94	182
A704609 Orig	0.4	36	75.4
A704609 Split PREP DUP	0.4	37	63.7

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank		< 2	
Method Blank	< 0.1	< 2	1.4
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1	< 2	< 0.5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11653-Au
Invoice Date: 11-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

102 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11653-Au**

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

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11653-Au
Invoice Date: 11-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

102 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11653-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704618	< 5
A704619	452
A704620	24
A704621	20
A704622	19
A704623	< 5
A704624	< 5
A704625	< 5
A704626	6
A704627	< 5
A704628	< 5
A704629	< 5
A704630	6
A704631	64
A704632	197
A704633	263
A704634	25
A704635	165
A704636	27
A704637	26
A704638	6
A704639	13
A704640	5
A704641	7
A704642	< 5
A704643	192
A704644	10
A704645	10
A704646	42
A704647	8
A704648	39
A704649	318
A704650	112
A704651	15
A704652	37
A704653	146
A704654	56
A704655	36
A704656	37
A704657	59
A704658	28
A704659	39

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704660	35
A704661	5
A704662	< 5
A704663	< 5
A704664	< 5
A704665	< 5
A704666	< 5
A704667	< 5
A704668	< 5
A704669	30
A704670	< 5
A704671	12
A704672	70
A704673	10
A704674	10
A704675	11
A704676	29
A704677	10
A704678	60
A704679	14
A704680	< 5
A704681	< 5
A704682	16
A704683	7
A704684	59
A704685	5
A704686	276
A704687	42
A704688	50
A704689	7
A704690	< 5
A704691	5
A704692	< 5
A704693	28
A704694	370
A704695	7
A704696	< 5
A704697	41
A704698	93
A704699	2220
A704700	10
A705001	7

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A705002	913
A705003	116
A705004	< 5
A705005	27
A705006	< 5
A705007	55
A705008	29
A705009	48
A705010	77
A705011	1150
A705012	146
A705013	< 5
A705014	84
A705015	< 5
A705016	20
A705017	238
A705018	28
A705019	48

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1010
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1030
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1010
Oreas 221 (Fire Assay) Cert	1060
A704627 Orig	< 5
A704627 Dup	< 5
A704637 Orig	26
A704637 Dup	26
A704647 Orig	9
A704647 Dup	6
A704662 Orig	< 5
A704662 Dup	< 5
A704667 Orig	< 5
A704667 Split PREP DUP	< 5
A704671 Orig	11
A704671 Dup	13
A704681 Orig	< 5
A704681 Dup	< 5
A704696 Orig	< 5
A704696 Dup	< 5
A705006 Orig	5
A705006 Dup	< 5
A705016 Orig	21
A705016 Dup	19
A705017 Orig	238
A705017 Split PREP DUP	216
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11653-TD
Invoice Date: 24-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

102 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11653-TD**

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11653-TD
Invoice Date: 24-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

102 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11653-TD**

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704618	0.04	6.48	0.3	70	0.22	0.03	7.66	0.04	10.6	44.6	144	0.54	91.7	7.60	22.4	1.29	1.1	0.067	0.39	4.2	6.6	4.09	1040
A704619	0.18	0.36	2.0	< 10	0.07	0.07	0.26	0.03	0.66	0.4	16	0.08	12.2	1.01	1.18	0.15	0.1	0.020	0.11	< 0.5	1.3	0.12	119
A704620	0.25	7.53	1.7	460	0.53	0.18	0.29	2.40	44.1	11.2	20	1.17	50.5	2.35	20.8	0.26	5.4	0.311	2.54	18.8	17.7	0.51	179
A704621	0.21	1.22	1.2	30	0.22	0.07	5.34	1.73	11.5	5.6	23	0.22	45.4	2.23	4.03	0.12	0.6	0.092	0.29	4.9	3.9	0.38	679
A704622	0.28	7.17	< 0.2	280	0.66	0.12	3.01	0.05	23.2	28.6	32	1.22	45.6	3.26	19.1	0.13	3.4	0.058	2.06	10.2	8.9	0.56	413
A704623	0.06	7.74	< 0.2	320	0.80	0.13	4.00	0.06	29.3	8.8	23	1.87	66.8	2.86	19.6	0.28	2.7	0.035	1.90	13.4	9.2	0.69	407
A704624	0.18	6.50	0.2	60	0.24	0.08	3.77	0.09	7.96	44.9	167	0.64	220	9.01	18.6	0.34	0.9	0.054	0.35	2.8	12.3	5.88	1370
A704625	0.06	6.24	< 0.2	60	0.34	0.04	6.66	0.06	7.35	47.4	156	0.44	75.9	8.28	20.1	0.81	1.1	0.065	0.38	2.7	8.2	4.27	1280
A704626	0.13	6.05	< 0.2	70	0.36	0.08	5.10	0.07	9.72	40.2	40	0.57	108	10.0	19.4	0.48	1.7	0.073	0.24	2.7	8.0	3.53	1520
A704627	0.08	5.59	< 0.2	50	0.86	0.03	4.77	0.13	27.0	41.8	5	0.26	127	14.0	28.3	0.25	1.3	0.152	0.14	8.2	6.0	1.46	1980
A704628	0.10	6.96	1.0	70	6.18	0.40	0.22	0.08	1.26	0.4	10	7.01	1.0	0.46	24.6	0.13	0.7	< 0.005	2.91	0.5	9.0	0.05	250
A704629	0.03	6.54	< 0.2	30	0.15	0.03	9.18	0.07	5.16	32.2	500	0.57	99.0	5.09	24.9	0.91	0.5	0.041	0.18	2.1	12.0	3.20	901
A704630	0.04	7.34	< 0.2	250	0.19	0.07	7.26	0.09	4.25	35.5	393	1.57	60.8	5.51	16.4	0.59	0.5	0.042	1.96	1.6	31.9	3.55	958
A704631	0.43	2.12	0.4	40	0.30	1.51	0.26	0.07	11.0	1.4	27	0.07	4.7	0.93	5.61	0.10	0.7	0.017	0.15	4.9	2.1	0.12	77
A704632	0.25	0.56	1.3	10	0.14	0.32	0.38	0.04	4.64	2.8	29	0.12	13.0	1.67	2.24	0.12	0.8	0.017	0.04	1.6	3.0	0.14	160
A704633	0.22	0.98	1.7	20	0.18	0.25	0.58	< 0.02	3.94	2.1	29	0.19	18.2	1.39	4.02	0.14	0.8	0.013	0.05	1.3	2.2	0.11	116
A704634	0.03	0.72	0.8	20	0.09	0.23	0.07	0.06	6.59	0.8	37	< 0.05	2.7	0.73	1.90	0.16	0.3	0.012	0.07	3.4	1.1	0.04	52
A704635	0.06	1.94	0.4	40	0.20	0.62	0.32	< 0.02	6.65	1.5	20	0.07	2.3	1.15	5.97	0.10	0.6	0.007	0.13	2.7	1.9	0.07	71
A704636	0.04	1.17	1.3	40	0.16	0.41	0.10	< 0.02	4.09	1.0	43	0.06	5.5	0.96	2.64	0.12	0.5	< 0.005	0.10	1.7	1.3	0.06	55
A704637	0.11	5.35	1.0	190	0.87	0.48	0.66	0.05	28.0	3.2	17	0.18	32.5	2.07	11.9	0.10	2.1	0.022	0.41	12.5	6.5	0.31	146
A704638	0.20	6.47	< 0.2	70	0.24	0.64	6.76	0.08	6.40	55.0	203	0.33	345	8.31	16.8	0.54	0.7	0.054	0.36	2.2	7.8	3.81	1440
A704639	0.27	6.92	< 0.2	70	0.19	0.66	6.53	0.11	6.74	49.1	226	0.29	268	10.4	19.7	0.52	0.9	0.059	0.36	2.4	27.1	4.50	1830
A704640	0.08	6.99	< 0.2	30	0.30	0.40	7.53	0.10	6.94	47.0	184	0.07	79.2	6.34	16.9	0.35	0.6	0.056	0.11	2.5	5.9	2.83	1300
A704641	0.25	6.42	< 0.2	100	0.36	0.74	5.87	0.29	13.1	46.6	82	0.32	228	10.1	20.3	0.45	1.5	0.084	0.40	4.7	38.0	2.68	2000
A704642	0.07	4.35	0.6	30	0.11	0.03	4.61	0.32	10.5	38.4	199	0.20	158	10.1	10.9	0.44	0.8	0.036	0.05	2.9	9.7	2.67	3290
A704643	0.79	8.33	< 0.2	120	1.84	0.60	2.11	3.21	46.1	54.0	37	2.00	247	4.70	24.8	0.11	5.3	0.350	1.98	18.6	16.7	0.87	426
A704644	0.13	7.10	0.9	50	0.39	0.10	5.19	0.14	8.84	55.1	276	0.50	187	8.35	19.7	0.62	1.0	0.074	0.35	3.2	51.1	4.56	1190
A704645	0.34	3.22	3.9	250	0.29	0.19	0.66	0.20	10.6	4.4	16	0.98	62.6	2.37	8.48	0.09	1.1	0.116	1.52	4.6	5.9	0.29	240
A704646	0.43	5.25	1.7	380	0.37	0.31	0.68	1.13	9.62	8.2	25	1.38	94.1	7.76	14.0	0.12	2.4	0.267	2.44	3.8	12.1	0.85	352
A704647	0.08	5.77	1.0	60	0.34	0.08	5.84	0.12	7.78	48.4	156	0.52	135	8.14	18.5	0.25	1.1	0.058	0.26	2.8	16.0	4.24	1240
A704648	0.70	5.07	2.8	350	0.47	0.46	0.34	1.10	51.9	11.2	32	1.27	95.9	3.73	13.5	0.07	3.5	0.302	1.59	24.8	12.5	0.37	201
A704649	0.92	3.45	1.7	240	0.40	0.33	3.20	1.77	22.4	15.4	31	0.98	104	3.54	9.96	0.09	2.2	0.149	1.17	10.1	7.6	0.45	625
A704650	0.69	4.03	1.9	310	0.39	0.71	0.85	1.10	8.84	17.6	17	0.80	171	3.25	10.5	0.09	2.7	0.128	1.47	3.5	7.7	0.29	231
A704651	0.23	3.57	11.1	250	0.36	0.16	0.84	0.26	9.83	3.0	19	1.07	25.7	1.66	8.60	0.09	0.4	0.229	1.26	4.4	4.1	0.22	246
A704652	0.81	4.35	14.3	90	0.31	0.37	0.73	1.22	7.47	24.2	14	1.10	206	3.03	13.3	0.13	2.7	0.126	2.30	3.0	12.5	0.61	305
A704653	0.42	2.29	6.9	80	0.11	0.24	0.81	1.81	6.71	7.6	13	0.84	83.9	5.01	6.24	0.11	1.4	0.153	0.63	2.7	13.3	0.91	599
A704654	0.93	5.26	13.9	130	0.47	0.39	0.93	2.54	22.8	28.8	13	1.34	190	3.67	15.1	0.11	4.1	0.236	2.84	9.4	9.1	0.37	274
A704655	0.51	2.25	33.2	100	0.24	0.18	0.68	0.99	18.1	13.7	26	1.07	110	2.80	6.42	0.10	1.6	0.143	0.66	8.6	4.9	0.29	314
A704656	0.38	1.29	2.2	60	0.17	0.09	3.14	0.49	9.55	10.7	21	0.29	92.9	3.02	3.83	0.09	0.4	0.070	0.40	3.9	4.0	0.34	773
A704657	0.92	2.79	4.5	130	0.41	0.25	2.08	0.57	10.7	7.5	30	0.53	147	4.21	8.45	0.09	1.8	0.096	0.90	4.4	4.3	0.41	546
A704658	0.63	4.46	2.7	220	0.41	0.28	0.83	5.60	28.4	19.5	21	1.30	134	3.50	12.6	0.08	2.8	0.570	1.41	12.3	14.5	0.73	390
A704659	0.77	5.21	3.5	350	0.41	0.35	1.88	1.57	15.8	14.9	33	1.08	110	5.62	15.9	0.11	3.1	0.194	1.97	6.9	6.3	0.43	411
A704660	0.88	4.29	4.0	330	0.35	0.40	1.28	0.66	10.7	7.1	27	1.01	133	5.32	12.3	0.21	2.9	0.142	1.95	4.3	5.2	0.33	318
A704661	0.17	7.77	< 0.2	330	0.71	0.15	2.50	0.57	29.9	18.8	30	1.40	49.0	2.85	19.9	0.29	4.3	0.038	4.08	13.1	17.4	0.80	365
A704662	0.10	6.64	< 0.2	220	0.77	0.18	1.85	0.04	32.7	2.3	55	1.01	24.0	3.68	21.0	0.38	3.7	0.053	1.34	18.5	18.1	0.65	294
A704663	0.05	7.18	0.3	240	0.87	0.14	3.26	0.22	24.7	12.3	44	0.74	34.0	2.37	21.9	0.25	3.7	0.045	0.99	10.0	12.7	0.58	460
A704664	0.06	7.06	< 0.2	270	0.64	0.09	2.38	0.09	34.8	10.3	42	1.23	22.5	1.89	18.4	0.28	3.2	0.039	1.65	15.6	17.4	0.59	363
A704665	0.11	6.95	< 0.2	260	0.71	0.11	2.10	0.09	28.6	6.0	43	1.15	33.6	2.80	18.8	0.39	3.7	0.039	1.27	11.8	15.7	0.74	411
A704666	0.06	7.11	0.6	280	0.67	0.06	2.23	0.04	31.0	7.3	45	1.54	20.4	3.30	17.9	0.26	2.7	0.030	1.89	13.3	17.6	0.86	620
A704667	0.08	4.97	0.8	200	0.44	0.08	1.58	0.10	20.9	4.8	38	0.94	22.9	2.37	12.2	0.38	2.4	0.015	1.46	8.8	10.4	0.47	411
A704668	0.17	6.72	< 0.2	250	0.68	0.11	4.55	0.12	32.8	15.8	41	0.78	40.2	2.33	16.4	0.44	2.7	0.038	2.15	15.4	14.2	0.57	724

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704669	0.45	6.84	< 0.2	130	0.59	0.20	2.73	0.14	35.3	21.9	44	0.98	81.3	5.54	19.7	0.19	3.7	0.048	2.89	17.4	12.6	0.57	408
A704670	0.10	7.84	< 0.2	130	0.51	0.11	9.57	0.32	9.29	58.1	185	0.53	275	4.89	22.1	0.69	1.1	0.064	0.38	3.5	20.3	1.81	859
A704671	0.08	6.08	2.7	70	1.00	0.26	0.08	< 0.02	2.09	0.7	9	9.17	8.1	0.87	12.4	0.13	3.2	0.005	1.38	0.7	0.9	0.04	90
A704672	0.04	3.99	< 0.2	30	0.88	0.04	5.50	0.06	6.99	30.9	216	0.34	173	7.22	17.9	0.35	1.0	0.038	0.16	2.5	3.7	2.61	1020
A704673	0.07	7.34	0.5	180	0.79	0.27	3.31	0.05	13.7	10.1	66	0.98	67.1	4.49	18.8	0.52	2.5	0.027	0.60	5.9	14.6	1.77	624
A704674	0.25	5.03	< 0.2	70	0.74	0.79	5.03	0.13	31.8	30.8	36	0.36	55.0	9.27	23.5	0.37	3.2	0.130	0.27	12.0	8.2	2.48	1430
A704675	0.18	7.67	0.3	350	1.23	0.24	2.06	0.12	36.7	14.8	48	0.96	73.4	3.44	24.3	0.28	3.0	0.044	0.87	15.7	15.7	1.19	455
A704676	0.14	5.87	1.4	70	0.66	0.38	2.77	0.07	18.0	12.8	43	0.25	59.9	3.10	21.2	0.15	2.6	0.039	0.26	7.7	10.6	1.04	384
A704677	0.34	5.80	< 0.2	260	1.12	0.31	4.02	0.09	62.1	31.3	69	0.79	258	6.08	22.8	0.26	4.4	0.081	0.50	25.1	9.0	2.38	753
A704678	1.50	7.54	0.7	470	1.54	2.43	0.76	1.14	48.9	8.8	45	2.04	192	4.63	36.8	1.08	7.4	6.33	3.62	24.2	35.6	0.57	185
A704679	0.37	5.99	< 0.2	300	1.17	0.44	3.83	0.20	28.8	12.7	82	0.75	81.5	5.31	22.4	0.32	2.4	0.228	0.54	13.0	5.4	2.05	756
A704680	0.16	7.14	< 0.2	450	1.01	0.31	2.73	0.08	23.5	6.6	46	1.07	56.4	3.23	21.8	0.17	2.8	0.046	0.52	10.1	10.1	1.19	353
A704681	0.06	5.25	< 0.2	510	0.93	0.09	0.39	0.58	28.6	3.0	9	0.90	15.6	1.41	9.52	3.12	0.1	0.066	1.65	11.0	27.9	0.33	106
A704682	0.26	5.98	0.4	450	1.16	0.21	2.72	0.06	18.2	10.7	40	0.57	96.9	3.27	23.6	0.28	2.8	0.072	0.66	7.3	13.6	1.21	392
A704683	0.16	4.18	1.5	290	0.60	0.19	1.22	0.09	22.7	11.0	36	0.25	86.0	2.14	11.0	0.12	1.8	0.041	0.38	10.0	6.5	0.59	247
A704684	0.71	5.36	0.7	630	0.85	0.92	1.39	0.28	22.5	1.9	52	0.92	98.8	3.97	17.2	2.17	4.3	1.68	1.40	12.6	17.7	0.34	215
A704685	0.21	6.20	< 0.2	420	1.03	0.15	2.44	0.12	20.8	12.8	43	0.93	64.7	3.14	22.0	0.33	2.9	0.034	0.91	9.0	16.1	1.20	396
A704686	6.08	4.25	3.0	130	0.56	10.2	2.83	4.74	14.1	9.5	26	1.23	580	12.3	65.5	3.32	2.5	4.02	1.84	6.8	4.9	0.37	621
A704687	0.51	5.47	< 0.2	170	1.02	1.61	5.82	1.34	51.4	26.2	10	1.97	362	9.21	31.3	0.82	3.4	0.662	0.67	20.1	7.2	0.97	1070
A704688	0.11	0.63	1.8	20	0.09	0.11	0.62	0.06	3.13	12.8	46	0.06	35.1	2.32	2.13	0.10	0.2	0.012	0.06	1.4	2.2	0.29	216
A704689	0.42	8.51	< 0.2	340	0.28	0.48	3.69	0.08	35.6	46.6	31	2.32	1180	4.49	19.3	0.19	4.8	0.100	1.76	14.5	20.1	0.98	412
A704690	0.11	7.26	< 0.2	390	0.69	0.06	2.72	0.06	28.7	5.3	29	1.38	29.6	3.09	14.8	0.17	3.5	0.033	1.85	11.6	11.5	0.55	356
A704691	0.26	7.43	1.1	340	0.41	0.13	4.24	0.26	29.9	16.6	116	2.13	187	4.47	17.5	0.45	3.5	0.177	0.92	12.4	14.8	0.86	389
A704692	0.05	5.93	9.4	10	0.13	0.15	3.70	0.05	31.5	72.9	98	0.17	22.8	5.90	14.8	0.35	1.6	0.058	0.02	13.3	21.8	2.81	692
A704693	0.98	7.92	< 0.2	110	0.67	1.71	2.40	2.11	21.7	57.9	62	1.25	815	6.44	29.9	0.26	5.2	0.378	2.75	7.8	37.6	1.03	426
A704694	0.43	5.53	< 0.2	340	0.37	2.62	2.12	0.20	16.2	2.3	20	0.47	160	3.96	15.2	0.29	3.4	0.226	1.13	9.2	12.7	0.39	183
A704695	0.34	7.04	< 0.2	60	0.26	0.74	6.24	0.12	7.08	48.1	268	0.29	430	8.05	18.2	0.55	0.8	0.060	0.40	2.6	6.9	2.17	1820
A704696	0.21	7.35	< 0.2	40	0.26	0.52	5.88	0.11	7.47	48.0	260	0.35	236	6.86	18.0	0.48	0.8	0.045	0.39	2.6	7.3	1.81	1530
A704697	0.53	5.97	< 0.2	120	0.73	1.11	4.66	0.19	18.6	41.9	110	1.13	247	10.5	19.8	0.62	2.6	0.109	0.83	6.8	22.9	2.61	1490
A704698	1.16	2.46	1.2	60	0.50	2.43	1.63	27.6	4.22	60.1	52	0.59	490	9.58	44.7	0.53	1.3	11.2	0.56	1.9	7.3	0.87	567
A704699	2.01	2.27	< 0.2	110	0.54	0.89	2.00	0.10	23.0	7.8	16	0.21	17.6	4.00	10.7	0.31	2.9	0.095	0.21	8.5	3.8	0.66	621
A704700	0.22	7.13	< 0.2	480	1.03	0.20	3.14	0.15	44.1	20.6	89	1.87	79.2	4.86	21.6	0.37	3.6	0.078	1.06	19.2	26.6	2.01	576
A705001	0.15	7.01	< 0.2	390	0.83	0.13	3.18	0.13	37.8	13.9	31	0.40	61.5	3.19	20.8	0.19	2.2	0.069	0.78	17.2	16.5	1.21	451
A705002	0.40	1.91	0.4	100	0.46	0.89	3.25	0.11	5.40	23.4	499	0.25	32.9	3.59	6.28	0.16	0.3	0.039	0.33	3.2	6.7	2.94	1010
A705003	0.17	8.16	< 0.2	530	0.48	0.06	5.76	0.13	6.59	44.3	377	1.92	148	8.71	13.8	0.38	1.0	0.054	1.73	2.5	53.9	1.69	2900
A705004	0.06	0.94	0.5	30	0.06	0.04	0.75	0.11	2.28	4.4	40	0.15	67.2	1.11	2.96	0.13	0.1	0.035	0.15	1.1	3.1	0.24	163
A705005	0.20	3.89	0.3	280	0.61	1.93	1.17	0.04	22.9	8.9	41	0.81	15.8	2.31	10.8	0.10	1.5	0.018	0.43	10.4	18.3	0.77	265
A705006	0.14	7.53	< 0.2	300	1.14	0.23	2.63	0.14	46.8	15.0	40	1.13	37.5	3.46	24.0	0.33	3.1	0.039	0.39	21.6	17.8	1.47	497
A705007	0.30	7.21	0.8	350	1.14	0.58	3.02	0.10	30.3	20.8	77	0.67	49.3	4.33	22.9	0.20	2.9	0.053	0.74	11.8	20.7	1.94	593
A705008	0.31	6.68	< 0.2	310	0.48	0.51	2.98	0.61	38.6	31.3	36	0.92	322	5.27	15.8	0.22	4.3	0.084	1.43	15.4	22.4	1.05	675
A705009	0.34	6.34	2.4	50	0.65	0.47	3.01	0.06	36.6	13.9	36	0.10	33.1	2.66	22.0	0.12	2.6	0.049	0.36	16.2	9.6	0.89	316
A705010	0.52	7.01	6.4	260	0.74	0.42	1.65	1.52	51.9	30.5	26	1.17	194	3.63	17.9	0.10	4.4	0.149	1.57	21.7	19.8	0.89	413
A705011	1.92	7.34	40.7	10	0.27	1.73	0.45	0.03	27.0	153	24	0.10	668	7.00	20.0	0.14	5.6	0.043	0.10	9.5	12.5	0.54	185
A705012	0.30	7.17	2.0	330	0.87	0.56	2.98	0.14	40.2	22.2	55	0.56	53.9	3.85	18.9	0.22	2.9	0.042	0.99	18.0	22.2	1.56	532
A705013	0.08	4.52	0.4	240	0.75	0.18	0.63	0.16	9.89	23.9	144	0.43	43.1	4.91	10.1	0.49	0.4	0.045	2.45	3.2	52.0	2.35	887
A705014	0.22	5.00	< 0.2	90	0.50	0.93	5.85	0.14	27.6	25.6	37	0.36	86.2	7.66	27.5	1.20	2.5	0.152	0.24	10.5	10.7	1.93	1210
A705015	0.19	5.60	< 0.2	90	0.80	0.56	5.22	0.16	30.3	23.7	41	0.51	103	9.36	25.8	0.74	3.3	0.112	0.33	11.5	9.6	2.78	1490
A705016	0.30	5.38	< 0.2	70	0.80	0.80	5.42	0.19	31.4	34.0	40	0.81	78.0	9.40	27.3	0.86	4.4	0.117	0.30	11.4	11.9	2.75	1480
A705017	0.57	5.26	< 0.2	90	1.18	1.17	5.46	0.19	35.4	43.0	37	2.39	139	9.96	27.9	0.15	1.0	0.158	0.41	13.2	11.9	1.52	1080
A705018	0.29	5.15	< 0.2	80	0.83	0.81	5.56	0.21	30.2	25.8	29	0.25	59.1	9.16	32.0	0.52	2.5	0.179	0.18	11.7	7.7	1.95	1250
A705019	0.80	5.40	< 0.2	70	1.20	1.25	3.93	0.15	31.9	27.4	38	0.67	145	10.0	31.5	0.40	2.9	0.157	0.43	12.5	17.1	1.66	1040

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704618	0.51	1.40	2.3	105	340	1.3	14.3	< 0.002	0.02	0.08	41.2	1	0.5	182	0.13	0.05	0.3	0.461	0.08	0.2	261	0.3	19.0
A704619	7.47	0.05	0.2	0.9	80	1.2	2.8	< 0.002	0.09	0.09	0.5	1	0.3	7.3	< 0.05	0.40	< 0.2	0.012	0.04	< 0.1	9	0.8	0.4
A704620	4.25	0.27	4.7	19.0	370	22.3	63.9	0.002	0.22	0.09	9.1	2	5.1	19.4	0.24	0.21	3.7	0.284	0.48	1.0	57	3.9	8.0
A704621	7.08	0.06	0.7	12.6	90	3.5	9.1	< 0.002	0.29	0.08	2.1	1	1.0	49.7	< 0.05	0.31	0.5	0.037	0.11	0.1	30	0.8	4.2
A704622	1.31	1.15	5.1	24.0	510	13.4	47.5	< 0.002	1.45	0.07	11.2	1	1.2	39.4	0.41	< 0.05	2.1	0.295	0.20	0.6	85	0.4	7.7
A704623	0.24	1.59	0.7	15.7	460	5.2	56.0	< 0.002	0.06	< 0.05	8.3	1	0.3	75.5	< 0.05	< 0.05	2.4	0.145	0.19	0.7	40	0.2	9.1
A704624	0.62	1.30	2.2	118	280	1.6	15.2	< 0.002	0.37	< 0.05	35.2	3	0.6	103	0.14	0.12	0.3	0.411	0.10	< 0.1	221	0.2	20.9
A704625	0.40	1.67	2.5	107	230	0.6	6.0	< 0.002	0.04	0.12	37.0	1	0.8	109	0.16	< 0.05	0.2	0.451	0.05	0.1	252	0.5	17.6
A704626	0.43	2.43	3.3	48.3	360	3.3	6.6	0.003	0.17	0.12	48.9	2	0.4	153	0.20	0.11	0.4	0.649	0.10	0.1	324	0.4	23.4
A704627	1.02	2.37	0.4	0.2	750	2.9	3.1	0.027	0.49	< 0.05	43.9	1	0.5	123	< 0.05	< 0.05	0.9	0.310	0.09	0.3	98	< 0.1	64.4
A704628	0.61	3.56	8.4	0.6	600	23.4	214	< 0.002	< 0.01	0.05	0.9	1	3.0	29.8	1.19	< 0.05	0.4	0.011	1.78	1.3	2	0.4	1.4
A704629	0.69	0.69	0.7	118	150	< 0.5	3.9	0.002	0.02	< 0.05	31.8	1	0.2	126	< 0.05	< 0.05	< 0.2	0.237	0.08	< 0.1	168	< 0.1	10.7
A704630	0.39	1.13	0.8	109	150	1.6	55.3	< 0.002	0.01	< 0.05	33.9	1	0.2	95.1	< 0.05	< 0.05	< 0.2	0.300	0.37	< 0.1	187	0.5	10.8
A704631	2.05	1.59	0.7	0.8	240	11.4	4.0	< 0.002	0.34	0.07	0.8	1	< 0.2	132	< 0.05	0.62	0.6	0.045	0.04	0.1	12	1.4	1.8
A704632	6.96	0.26	1.5	1.3	250	2.7	1.4	< 0.002	0.83	0.08	2.9	1	0.4	20.3	0.09	0.50	< 0.2	0.139	0.02	0.1	20	11.8	7.1
A704633	8.11	0.53	1.8	0.5	280	2.8	1.9	< 0.002	0.58	0.12	3.1	1	0.7	41.6	0.09	0.44	0.2	0.146	0.03	< 0.1	25	10.4	7.6
A704634	2.51	0.51	0.3	0.5	70	0.6	1.6	< 0.002	0.23	< 0.05	0.2	1	< 0.2	21.8	< 0.05	0.10	0.2	0.019	0.05	0.1	8	0.6	0.6
A704635	1.79	1.46	0.6	0.3	300	2.0	3.3	< 0.002	0.44	0.05	1.0	1	< 0.2	76.5	< 0.05	0.29	0.6	0.040	0.04	0.2	15	1.0	1.7
A704636	2.86	0.85	0.5	0.5	130	1.8	2.5	< 0.002	0.36	< 0.05	0.4	1	0.2	64.7	< 0.05	0.25	0.4	0.033	0.05	0.1	11	17.9	0.8
A704637	1.13	3.42	2.2	0.5	570	8.4	9.4	< 0.002	0.90	0.07	2.1	1	0.5	346	0.11	0.22	2.1	0.139	0.08	0.4	49	119	4.8
A704638	30.9	1.55	2.1	167	200	1.9	11.9	0.007	0.79	0.14	36.1	2	0.6	138	0.13	0.21	0.2	0.397	0.12	< 0.1	218	2.7	13.7
A704639	1.40	0.97	2.0	158	210	2.0	12.4	< 0.002	1.00	0.15	40.0	2	0.6	93.3	0.13	0.29	0.2	0.413	0.07	< 0.1	243	1.8	16.4
A704640	1.92	1.25	2.1	146	220	2.0	1.4	< 0.002	0.22	0.17	38.5	1	0.5	143	0.13	0.09	0.2	0.419	0.02	< 0.1	221	1.6	15.6
A704641	0.52	0.59	0.9	51.3	390	10.0	13.4	< 0.002	0.06	< 0.05	45.6	< 1	0.4	131	< 0.05	< 0.05	0.5	0.419	0.09	0.3	248	0.3	21.2
A704642	0.91	0.59	1.2	118	210	1.3	3.0	< 0.002	0.54	0.08	30.2	3	0.4	59.4	0.08	< 0.05	0.2	0.251	0.17	< 0.1	157	0.2	17.1
A704643	5.34	3.53	6.8	86.5	550	30.9	59.0	0.005	2.09	0.06	13.4	4	7.3	311	0.53	0.91	3.5	0.316	0.42	1.2	72	4.1	15.8
A704644	0.62	1.84	2.8	129	340	2.4	6.8	< 0.002	0.38	0.17	42.6	2	0.6	74.7	0.18	0.13	0.3	0.526	0.16	0.1	276	4.6	18.9
A704645	1.97	0.16	2.2	6.4	270	29.6	39.0	< 0.002	0.16	0.11	3.2	2	2.2	20.0	0.09	0.31	1.5	0.112	0.61	0.5	24	0.9	4.1
A704646	4.62	0.27	2.6	12.5	320	34.3	59.0	< 0.002	0.79	0.06	6.6	2	3.7	28.3	0.20	0.95	1.8	0.187	0.72	0.5	87	4.0	3.5
A704647	0.52	1.97	2.4	101	280	1.7	3.8	< 0.002	0.13	0.12	38.7	2	0.5	148	0.16	< 0.05	0.2	0.471	0.07	< 0.1	262	0.6	17.9
A704648	3.45	0.26	2.4	8.7	360	43.3	43.0	0.002	0.41	0.11	6.5	3	4.2	28.3	0.16	0.59	2.5	0.143	0.72	0.8	36	1.2	6.4
A704649	36.0	0.15	2.6	30.2	280	10.6	44.9	0.002	0.65	0.11	5.4	2	3.2	42.8	0.17	2.19	1.7	0.122	0.41	0.5	72	2.2	4.6
A704650	3.70	0.31	2.5	25.9	300	43.9	43.4	< 0.002	0.91	0.08	5.1	2	3.1	29.3	0.19	1.60	1.9	0.135	0.54	0.6	34	3.5	4.1
A704651	2.17	0.29	1.2	3.7	200	31.1	42.7	< 0.002	0.06	0.14	3.9	2	2.0	24.5	< 0.05	0.17	1.8	0.127	0.61	0.5	29	1.1	4.1
A704652	5.88	0.33	3.2	56.0	200	39.0	55.9	0.002	2.04	0.10	7.0	3	3.2	28.8	0.24	0.68	1.7	0.167	0.60	0.5	57	1.7	4.8
A704653	0.89	0.15	2.1	25.2	150	5.2	18.9	< 0.002	0.74	0.10	4.4	2	1.2	11.7	0.15	0.29	1.1	0.106	0.26	0.4	28	0.5	4.1
A704654	3.24	0.38	3.7	54.6	580	43.0	67.4	< 0.002	2.16	0.17	7.7	3	4.2	31.7	0.27	0.60	2.1	0.216	0.77	0.8	42	3.1	13.0
A704655	3.28	0.27	1.4	13.4	260	8.0	28.1	< 0.002	0.28	0.11	3.8	2	1.0	19.9	0.10	0.41	1.0	0.074	0.24	0.5	18	0.5	4.0
A704656	6.94	0.07	0.5	22.3	120	5.4	14.1	< 0.002	1.12	0.13	1.6	1	0.8	31.2	< 0.05	0.36	0.3	0.025	0.18	< 0.1	23	0.5	2.9
A704657	13.8	0.15	2.3	12.4	400	10.3	28.1	< 0.002	0.41	0.13	3.8	2	3.3	21.9	0.16	0.95	1.3	0.114	0.30	0.4	51	2.6	3.8
A704658	10.2	0.33	3.1	33.6	320	31.3	46.1	< 0.002	1.21	0.18	6.2	3	3.3	28.4	0.23	0.55	2.3	0.173	0.60	0.6	39	2.6	8.3
A704659	31.6	0.36	3.7	26.9	390	33.5	63.5	0.005	0.79	0.20	7.8	2	3.6	34.9	0.30	0.55	2.4	0.194	0.76	0.7	117	4.6	4.7
A704660	13.0	0.23	3.0	12.1	260	32.9	50.6	< 0.002	0.47	0.19	5.1	2	2.8	34.3	0.22	0.62	2.1	0.157	0.65	0.6	66	2.8	3.3
A704661	1.73	0.93	5.3	24.7	560	7.9	83.7	< 0.002	0.36	< 0.05	8.7	1	1.4	68.5	0.40	< 0.05	2.5	0.288	0.23	0.6	75	0.4	10.4
A704662	0.41	2.05	0.6	3.0	540	7.0	38.0	< 0.002	0.11	< 0.05	10.4	1	0.7	140	< 0.05	< 0.05	2.1	0.200	0.21	0.5	61	< 0.1	6.9
A704663	0.19	2.35	0.4	17.5	490	4.7	27.2	< 0.002	0.04	< 0.05	5.8	1	0.4	101	< 0.05	< 0.05	2.0	0.153	0.27	0.4	35	< 0.1	7.5
A704664	0.38	1.68	0.4	14.6	520	6.3	50.3	< 0.002	0.10	< 0.05	6.0	< 1	0.5	126	< 0.05	< 0.05	2.4	0.177	0.34	0.6	50	< 0.1	8.2
A704665	0.45	1.44	1.0	9.5	520	6.0	32.9	< 0.002	0.11	< 0.05	6.2	1	0.6	118	< 0.05	< 0.05	2.0	0.219	0.35	0.6	59	< 0.1	7.5
A704666	0.19	1.10	< 0.1	17.0	450	5.5	56.3	< 0.002	0.09	< 0.05	9.7	1	0.2	96.5	< 0.05	< 0.05	2.3	0.130	0.43	0.6	47	< 0.1	8.5
A704667	1.03	0.46	1.2	13.1	380	3.5	41.2	< 0.002	0.16	< 0.05	5.1	1	0.8	45.2	< 0.05	< 0.05	1.6	0.169	0.28	0.5	40	0.1	6.5
A704668	1.15	0.81	4.4	29.5	560	11.8	58.4	< 0.002	0.34	0.07	10.4	1	1.8	79.9	0.35	< 0.05	2.2	0.254	0.30	0.6	68	0.5	9.6

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704669	1.12	1.13	4.9	38.9	540	19.6	72.0	< 0.002	3.12	0.11	9.3	2	1.3	93.4	0.38	< 0.05	2.1	0.260	0.36	0.6	69	0.4	9.1
A704670	0.85	0.74	3.1	125	370	1.9	7.4	< 0.002	0.37	0.08	43.8	2	1.3	210	0.21	0.09	0.3	0.565	0.14	0.2	284	2.8	19.7
A704671	1.22	4.11	4.3	2.3	20	23.4	86.2	< 0.002	< 0.01	0.09	0.6	1	0.3	35.0	0.24	< 0.05	26.1	0.028	0.70	3.1	3	0.1	1.5
A704672	0.38	0.91	0.2	50.7	140	1.0	4.3	0.006	0.65	< 0.05	33.2	1	0.3	106	< 0.05	< 0.05	0.3	0.332	0.17	0.1	307	0.2	11.9
A704673	0.47	3.37	2.8	21.0	410	4.3	14.1	< 0.002	0.05	< 0.05	13.4	1	0.5	243	0.17	0.17	1.5	0.323	0.17	0.5	105	1.6	9.5
A704674	1.01	1.43	3.5	22.0	960	4.6	12.3	< 0.002	1.17	< 0.05	32.4	1	1.6	145	0.11	< 0.05	1.1	0.631	0.09	0.4	172	0.4	55.7
A704675	0.81	4.07	3.8	24.7	740	8.9	45.3	< 0.002	0.37	0.08	6.8	1	1.0	447	0.23	0.24	2.9	0.362	0.27	0.7	87	1.6	5.8
A704676	0.76	4.21	3.3	23.0	640	5.9	5.8	< 0.002	0.57	< 0.05	4.0	1	0.8	80.0	0.20	0.23	1.1	0.313	0.08	0.4	74	2.9	2.8
A704677	0.83	2.53	3.2	50.6	1190	7.4	15.7	< 0.002	0.99	0.07	13.2	2	2.1	546	< 0.05	< 0.05	3.2	0.549	0.15	1.1	119	1.2	11.3
A704678	5.69	0.87	7.0	5.9	730	152	98.5	0.002	0.80	0.09	17.1	7	42.2	58.7	0.52	0.67	5.0	0.452	2.08	1.4	95	3.5	14.7
A704679	0.19	2.63	0.3	15.0	890	19.3	16.4	< 0.002	0.25	< 0.05	12.0	1	9.4	585	< 0.05	< 0.05	3.2	0.231	0.17	0.8	64	0.2	8.2
A704680	0.39	3.83	0.8	10.8	670	9.3	16.1	< 0.002	0.18	< 0.05	6.0	1	0.8	880	< 0.05	< 0.05	2.8	0.247	0.14	0.8	70	0.1	4.8
A704681	0.23	0.50	0.2	2.0	470	29.9	34.7	< 0.002	0.07	< 0.05	6.0	< 1	3.7	24.9	< 0.05	< 0.05	3.8	0.159	0.76	1.0	21	0.1	8.4
A704682	0.74	4.13	4.3	17.2	620	12.3	12.6	< 0.002	0.36	0.07	4.8	1	1.2	547	0.23	0.16	1.3	0.342	0.17	0.4	88	1.3	3.3
A704683	1.93	2.34	2.1	14.3	580	5.4	12.7	< 0.002	0.33	0.07	3.0	1	0.7	309	0.11	0.17	1.6	0.181	0.11	0.5	45	1.1	3.5
A704684	5.03	1.04	2.7	5.9	640	124	37.9	< 0.002	0.24	< 0.05	11.8	4	19.2	52.1	0.07	0.27	2.5	0.279	0.66	0.7	85	1.1	9.2
A704685	1.11	3.66	3.4	23.5	630	8.9	23.8	< 0.002	0.29	0.06	4.8	1	0.9	540	0.23	0.12	1.3	0.324	0.21	0.5	81	3.1	3.4
A704686	4.59	0.31	3.2	2.1	470	604	58.9	< 0.002	1.85	0.18	13.3	26	135	51.6	0.24	4.29	2.0	0.224	2.97	0.8	75	2.0	14.2
A704687	0.87	1.02	3.6	11.2	1480	22.6	25.8	< 0.002	1.40	0.06	29.7	< 1	11.4	78.8	0.06	0.05	1.7	0.449	0.41	0.6	50	0.8	78.0
A704688	11.0	0.24	0.4	11.3	130	1.3	1.2	< 0.002	0.88	0.09	2.4	1	0.3	18.1	< 0.05	0.24	0.2	0.058	0.03	0.1	15	2.8	1.3
A704689	1.72	1.01	6.8	20.2	840	13.3	71.3	< 0.002	1.20	0.09	9.7	11	1.7	42.7	0.55	2.52	2.8	0.346	0.55	0.8	80	0.7	12.2
A704690	2.36	1.86	4.7	10.4	510	8.0	59.2	< 0.002	0.51	< 0.05	8.2	< 1	1.0	117	0.38	0.06	2.5	0.257	0.33	0.6	67	0.4	8.3
A704691	1.60	1.43	3.3	45.4	510	10.3	49.5	< 0.002	0.36	< 0.05	22.6	2	3.5	88.3	0.16	0.07	2.2	0.362	0.40	0.6	127	0.2	17.3
A704692	0.66	1.55	3.1	83.8	1260	2.7	0.8	< 0.002	1.02	0.33	22.4	2	1.0	183	0.15	0.09	2.0	0.479	< 0.02	0.8	169	0.6	17.6
A704693	10.2	1.44	6.0	67.8	650	30.3	67.7	0.004	1.87	0.07	13.0	7	7.3	92.5	0.46	1.40	2.6	0.340	0.57	0.8	109	4.7	10.9
A704694	3.19	1.34	1.6	1.8	360	11.4	29.6	< 0.002	0.14	< 0.05	6.5	3	4.2	42.4	0.07	2.89	2.6	0.196	0.19	0.7	53	1.1	5.6
A704695	18.1	1.63	1.2	143	230	4.9	12.8	0.009	1.30	< 0.05	35.4	2	0.9	112	< 0.05	0.07	0.3	0.398	0.12	< 0.1	225	0.4	15.5
A704696	3.65	1.89	2.1	146	240	5.0	13.6	< 0.002	0.92	0.08	36.2	2	0.8	125	0.11	0.10	0.3	0.441	0.12	< 0.1	228	1.6	16.0
A704697	6.49	0.65	2.7	74.3	610	7.9	41.6	0.004	1.96	0.05	30.3	2	1.2	90.5	0.12	0.05	0.7	0.652	0.42	0.2	186	0.7	28.8
A704698	15.8	0.29	1.5	103	280	28.3	23.9	0.006	2.48	0.05	3.0	14	28.9	25.2	0.10	1.44	1.0	0.122	0.40	0.3	30	1.5	4.4
A704699	1.84	0.95	1.3	1.7	670	3.3	8.3	< 0.002	0.63	< 0.05	13.6	< 1	1.5	66.2	< 0.05	0.32	0.8	0.441	0.08	0.2	38	0.9	40.5
A704700	0.81	2.51	3.9	60.0	860	10.3	42.2	< 0.002	0.43	0.06	11.3	1	2.4	491	0.24	0.12	3.1	0.466	0.41	0.6	108	3.4	9.4
A705001	0.42	3.82	0.1	26.6	640	7.8	27.1	< 0.002	0.27	< 0.05	5.9	1	0.4	353	< 0.05	< 0.05	2.5	0.182	0.20	0.6	52	< 0.1	6.0
A705002	37.5	0.21	0.6	170	60	9.7	14.5	< 0.002	0.06	0.07	9.1	1	0.4	71.7	< 0.05	1.83	0.2	0.098	0.09	< 0.1	106	0.8	4.4
A705003	2.34	0.40	0.5	161	230	7.6	82.3	0.003	0.33	0.10	33.7	1	0.4	107	< 0.05	0.12	0.3	0.298	0.39	0.2	191	0.6	14.2
A705004	2.62	0.23	0.3	6.9	40	0.8	6.5	< 0.002	0.07	< 0.05	2.3	< 1	< 0.2	69.6	< 0.05	< 0.05	< 0.2	0.049	0.05	0.1	25	0.1	1.6
A705005	3.01	2.12	2.0	14.8	330	7.1	13.0	< 0.002	0.42	0.06	3.1	1	0.5	330	0.11	1.02	1.6	0.177	0.09	0.5	46	1.7	3.1
A705006	0.49	3.75	2.4	29.0	680	9.9	18.7	< 0.002	0.21	0.06	7.7	< 1	0.9	739	0.05	0.08	3.2	0.336	0.09	0.8	89	0.7	6.9
A705007	10.6	3.67	3.7	43.9	620	11.3	21.4	0.004	0.56	0.12	11.8	1	1.0	470	0.22	0.35	2.3	0.367	0.19	0.7	124	26.9	7.5
A705008	10.4	2.66	4.5	48.3	560	5.4	54.4	0.004	1.19	0.07	7.2	2	1.7	192	0.37	0.36	2.8	0.253	0.34	1.1	82	2.1	11.6
A705009	8.89	3.77	3.0	24.8	630	4.6	9.0	< 0.002	0.72	0.10	5.7	1	0.9	62.9	0.19	0.37	2.8	0.281	0.08	0.7	74	6.8	5.7
A705010	14.4	2.75	5.3	42.1	580	18.2	52.4	0.008	0.94	0.10	8.2	2	2.8	173	0.43	0.86	3.5	0.250	0.32	1.0	63	5.6	11.8
A705011	3.14	5.83	6.5	73.4	790	38.8	1.3	< 0.002	6.19	1.87	9.0	7	1.6	37.0	0.48	5.41	5.4	0.279	0.07	1.3	83	3.6	12.1
A705012	4.33	3.83	3.4	42.4	700	14.8	30.6	< 0.002	1.00	0.11	10.0	1	0.8	291	0.21	0.66	2.9	0.339	0.22	0.8	108	14.8	7.8
A705013	5.59	0.04	0.9	99.4	170	1.5	30.9	< 0.002	0.05	0.08	17.1	< 1	0.6	40.6	0.06	0.07	0.2	0.207	0.23	< 0.1	127	2.9	8.7
A705014	11.2	0.91	5.6	22.2	840	4.1	10.5	0.004	0.49	0.10	24.2	< 1	1.4	252	0.34	0.08	0.8	0.701	0.08	0.2	199	6.3	43.7
A705015	2.23	1.83	5.9	14.9	1010	3.7	16.1	< 0.002	0.50	0.07	35.9	< 1	1.5	154	0.27	< 0.05	1.1	0.892	0.11	0.3	210	0.8	51.5
A705016	2.39	1.63	8.8	26.9	1100	6.8	6.9	< 0.002	1.20	0.09	35.1	1	1.6	163	0.50	0.14	1.1	1.00	0.10	0.4	247	2.6	57.8
A705017	0.28	1.76	0.9	27.3	1120	7.7	23.5	< 0.002	3.48	< 0.05	32.7	1	1.2	143	< 0.05	< 0.05	1.0	0.491	0.28	0.4	100	3.5	54.7
A705018	3.51	0.88	3.1	19.4	990	5.2	5.6	< 0.002	0.62	0.24	32.3	< 1	3.2	282	< 0.05	< 0.05	1.1	0.554	0.07	0.4	161	0.7	51.9
A705019	0.87	2.00	3.4	16.2	1060	9.3	18.1	< 0.002	1.11	0.07	37.7	1	2.1	152	0.10	< 0.05	1.3	0.664	0.11	0.6	185	1.0	61.6

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704618	2.2	32	32.8
A704619	< 0.1	14	6.6
A704620	0.7	1370	213
A704621	0.3	230	26.7
A704622	0.8	66	140
A704623	0.9	81	103
A704624	2.2	72	33.0
A704625	2.1	56	38.7
A704626	2.6	83	63.0
A704627	7.4	147	42.6
A704628	0.2	15	14.7
A704629	1.3	37	15.3
A704630	1.3	52	14.3
A704631	0.1	14	29.3
A704632	0.8	18	34.6
A704633	0.8	8	32.1
A704634	< 0.1	16	11.4
A704635	0.1	9	25.9
A704636	< 0.1	6	20.8
A704637	0.3	37	92.1
A704638	1.6	84	19.9
A704639	1.9	91	33.0
A704640	1.8	69	13.7
A704641	2.5	116	53.7
A704642	1.9	69	25.1
A704643	1.8	1810	218
A704644	2.3	82	35.9
A704645	0.4	96	44.8
A704646	0.5	420	97.8
A704647	2.1	59	38.9
A704648	0.7	416	138
A704649	0.5	451	85.6
A704650	0.5	271	103
A704651	0.4	161	26.7
A704652	0.7	379	98.0
A704653	0.5	747	56.5
A704654	1.4	971	164
A704655	0.5	436	59.7
A704656	0.2	187	16.0
A704657	0.4	121	71.2
A704658	0.7	1560	105
A704659	0.6	359	118
A704660	0.4	206	108
A704661	1.1	248	155
A704662	0.8	56	157
A704663	0.8	159	156
A704664	0.8	86	138
A704665	0.8	76	154
A704666	0.9	66	108
A704667	0.6	72	102
A704668	1.1	106	107

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704669	1.0	92	160
A704670	2.4	139	28.8
A704671	0.3	4	65.7
A704672	1.6	55	35.2
A704673	1.2	40	97.9
A704674	6.4	120	116
A704675	0.4	101	107
A704676	0.2	119	94.3
A704677	0.8	158	172
A704678	2.4	452	293
A704679	0.6	205	78.4
A704680	0.4	73	101
A704681	0.8	241	8.8
A704682	0.3	143	100
A704683	0.3	84	55.5
A704684	1.1	197	146
A704685	0.3	104	101
A704686	1.6	3310	104
A704687	8.5	642	119
A704688	0.1	11	8.8
A704689	1.2	118	202
A704690	0.9	53	145
A704691	1.9	325	134
A704692	1.8	54	52.4
A704693	1.6	843	218
A704694	0.8	72	141
A704695	1.8	166	22.4
A704696	1.9	129	22.5
A704697	3.4	186	93.0
A704698	0.4	9110	52.6
A704699	4.5	89	101
A704700	0.8	202	126
A705001	0.4	99	70.1
A705002	0.4	80	11.6
A705003	1.7	65	34.8
A705004	0.2	39	5.3
A705005	0.2	48	56.8
A705006	0.5	129	110
A705007	0.7	76	103
A705008	1.3	264	170
A705009	0.4	38	96.6
A705010	1.3	786	180
A705011	1.4	12	232
A705012	0.6	100	110
A705013	0.9	195	10.3
A705014	4.7	104	86.2
A705015	5.9	126	118
A705016	6.3	136	157
A705017	6.1	114	30.0
A705018	6.0	110	85.3
A705019	6.8	107	98.7

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.32	< 0.2	640	2.90		1.00		93.0	18.6	40	3.97	31.4	4.42	19.2		1.1		1.60	42.2	36.9	0.99	852
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											144			8.38									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											170			9.86									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														9.71					1.61			1.18	903
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.3					1.81			1.26	953
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	48.4					90.1				137			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				110			7.51				130			6.99									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.95		53.6							78.0	9420		2170										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas		5.89		200			0.05				46			6.32					2.50			0.58	413
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
OREAS 904 (4 ACID) Meas		5.87		200			0.05				61			6.36					3.00			0.59	421
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas				870							101												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		7.13	12.2	180	0.76	0.36	0.19		37.1	29.9	556	3.80	391	13.2	23.3		3.9	0.092	0.40	16.5	23.0	0.24	496
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.05	13.1	180	0.79	0.34	0.18		34.6	30.6	573	3.62	389	13.5	23.3		4.6	0.084	0.41	15.0	23.7	0.24	498
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					27.7				48.3			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.8					27.3				50.9			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.59	6.79	4.8	440	2.25	18.2	0.49	0.28	84.0	21.8	76	6.18	3820	6.24	16.9		3.8	0.510	2.53	42.4	31.6	1.77	979
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	1.81	6.76	5.5	440	2.32	24.8	0.49	0.30	85.1	22.3	75	6.39	4090	6.14	19.1		3.9	0.502	2.49	42.9	32.9	1.75	966
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas		5.96					2.03				25			3.56					1.84			0.53	498
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 621 (4 Acid) Meas		6.79					2.27				28			4.03					1.79			0.59	567
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.46					3.37				33			21.5					2.61			1.09	3570
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
A704619 Orig	0.20	0.36	1.9	< 10	0.06	0.07	0.26	0.03	0.68	0.4	15	0.08	12.0	0.99	1.18	0.15	0.1	0.021	0.10	< 0.5	1.3	0.12	118
A704619 Dup	0.16	0.36	2.2	< 10	0.08	0.07	0.26	0.04	0.64	0.5	17	0.09	12.4	1.02	1.18	0.15	0.1	0.019	0.11	< 0.5	1.3	0.12	120
A704626 Orig	0.14	6.11	0.9	70	0.33	0.08	5.12	0.08	9.63	39.8	39	0.57	107	10.1	19.3	0.48	1.7	0.075	0.24	2.7	7.9	3.55	1530
A704626 Dup	0.12	5.98	< 0.2	70	0.40	0.08	5.08	0.06	9.81	40.7	40	0.56	109	9.99	19.5	0.48	1.7	0.070	0.24	2.6	8.1	3.51	1510
A704641 Orig	0.42	6.42	< 0.2	100	0.34	1.44	5.87	0.32	13.2	46.1	82	0.33	337	10.1	21.2	0.51	1.5	0.083	0.40	4.9	37.9	2.68	2000
A704641 Dup	0.07		< 0.2		0.38	0.05		0.27	13.0	47.1		0.31	120		19.3	0.39	1.4	0.085		4.6	38.0		
A704660 Orig	0.88	4.25	4.0	330	0.34	0.40	1.27	0.69	10.6	7.1	27	1.02	132	5.28	12.2	0.14	2.9	0.135	2.06	4.3	5.1	0.33	313
A704660 Dup	0.89	4.33	4.1	340	0.37	0.40	1.28	0.63	10.7	7.1	28	1.00	134	5.36	12.4	0.28	2.9	0.148	1.85	4.4	5.2	0.34	324
A704667 Orig	0.08	4.97	0.8	200	0.44	0.08	1.58	0.10	20.9	4.8	38	0.94	22.9	2.37	12.2	0.38	2.4	0.015	1.46	8.8	10.4	0.47	411
A704667 Split PREP DUP	0.09	4.99	0.6	200	0.53	0.09	1.56	0.09	20.8	4.8	40	0.90	25.5	2.34	12.7	0.36	2.5	0.020	1.42	8.9	10.4	0.47	407
A704689 Orig	0.42	8.53	< 0.2	330	0.30	0.46	3.72	0.09	34.3	45.9	37	2.22	1140	4.53	19.4	0.15	4.7	0.101	1.47	13.8	19.8	0.98	419
A704689 Dup	0.42	8.48	< 0.2	350	0.26	0.50	3.66	0.08	37.0	47.3	25	2.42	1210	4.45	19.2	0.23	4.9	0.100	2.05	15.2	20.4	0.97	405
A705013 Orig	0.08	4.59	0.5	240	0.73	0.18	0.64	0.16	9.87	23.9	146	0.43	43.1	4.99	10.1	0.51	0.4	0.052	2.46	3.3	52.1	2.39	899
A705013 Dup	0.08	4.46	0.3	240	0.78	0.18	0.63	0.16	9.92	23.8	142	0.42	43.1	4.83	10.2	0.46	0.4	0.037	2.45	3.2	51.9	2.31	874
A705017 Orig	0.57	5.26	< 0.2	90	1.18	1.17	5.46	0.19	35.4	43.0	37	2.39	139	9.96	27.9	0.15	1.0	0.158	0.41	13.2	11.9	1.52	1080
A705017 Split PREP DUP	0.59	5.29	< 0.2	80	1.07	1.17	5.50	0.25	33.4	42.4	41	2.32	136	10.0	27.2	0.13	0.9	0.136	0.42	12.5	11.6	1.53	1100
A705018 Orig	0.32	4.89	< 0.2	80	0.81	0.82	5.54	0.22	29.2	25.7	31	0.24	59.3	9.21	31.8	0.71	3.5	0.176	0.17	11.1	7.8	1.95	1260
A705018 Dup	0.27	5.40	< 0.2	90	0.85	0.81	5.57	0.20	31.1	25.9	27	0.27	58.9	9.12	32.2	0.33	1.5	0.181	0.18	12.3	7.7	1.95	1230
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.02		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.12	0.09	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.01		0.03	< 0.01	< 0.1		< 0.05	1.1		0.14	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	< 5
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.08	0.08	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.09	0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.46	< 0.1	34.4	520	27.2	96.4			< 0.05	15.1		< 0.2	188	< 0.05		12.4	0.118	0.65	3.0	42	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.49														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.73														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1060													0.319			74		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.336			78		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						327			> 10.0	11.0		163	206										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.55																0.274			146		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	9.79			2020					1.09														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas		0.04			940				0.06												79		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
OREAS 904 (4 ACID) Meas		0.04			1010				0.06												80		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas																		0.511			233		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	1.52	0.09	6.4	231	380	23.3	47.2		0.05	0.05	50.7		1.4	33.6	0.32		14.9	0.581	0.27	2.9	199	0.4	11.2
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	3.04	0.09	15.4	240	390	23.5	43.8		0.05	0.22	50.9		2.5	32.9	1.12		13.5	0.768	0.27	3.0	234	1.6	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						105			4.01	2.78		37	64.3										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						107			4.00	2.88		39	64.2										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.97	0.32	13.0	33.9	630	92.7	172		0.68	1.27	12.7	6	13.4	43.7	1.11		16.9	0.383	0.90	3.2	93	4.8	24.7
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	1.20	0.32	14.4	37.9	630	93.1	179		0.67	1.31	12.9	7	13.6	43.8	1.13		17.2	0.381	0.90	3.4	93	5.0	25.6
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas		1.30			360				4.36									0.173			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 621 (4 Acid) Meas		1.48			410				4.92									0.197			37		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.59			760				2.25									0.263			147		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
A704619 Orig	7.25	0.05	0.2	1.0	80	1.3	2.8	< 0.002	0.09	0.10	0.5	1	0.3	7.0	< 0.05	0.44	< 0.2	0.012	0.05	0.1	9	0.8	0.4
A704619 Dup	7.68	0.05	0.2	0.8	80	1.2	2.8	< 0.002	0.09	0.08	0.5	1	0.3	7.5	< 0.05	0.36	< 0.2	0.012	0.03	< 0.1	9	0.8	0.4
A704626 Orig	0.39	2.44	3.2	48.3	360	3.3	7.0	0.003	0.17	0.12	48.2	2	0.4	151	0.20	0.10	0.4	0.652	0.11	0.1	324	0.5	23.3
A704626 Dup	0.47	2.42	3.4	48.3	360	3.3	6.2	0.003	0.17	0.11	49.6	2	0.4	155	0.20	0.12	0.4	0.646	0.10	0.1	324	0.4	23.5
A704641 Orig	0.76	0.59	1.2	50.8	390	17.9	13.2	< 0.002	0.06	0.16	45.1	< 1	0.6	132	0.06	< 0.05	0.5	0.419	0.10	0.2	248	0.5	21.1
A704641 Dup	0.27		0.7	51.8		2.0	13.6	< 0.002		< 0.05	46.1	1	0.2	130	< 0.05	< 0.05	0.5		0.08	0.4		0.2	21.3
A704660 Orig	12.8	0.23	3.0	12.2	250	32.8	53.9	< 0.002	0.47	0.19	4.9	2	2.8	34.0	0.22	0.64	2.1	0.155	0.65	0.6	65	2.8	3.4
A704660 Dup	13.2	0.23	3.0	11.9	260	33.0	47.2	< 0.002	0.47	0.19	5.2	2	2.8	34.6	0.22	0.59	2.1	0.159	0.66	0.6	66	2.8	3.2
A704667 Orig	1.03	0.46	1.2	13.1	380	3.5	41.2	< 0.002	0.16	< 0.05	5.1	1	0.8	45.2	< 0.05	< 0.05	1.6	0.169	0.28	0.5	40	0.1	6.5
A704667 Split PREP DUP	1.72	0.45	2.2	12.0	380	3.7	41.5	< 0.002	0.17	0.06	5.3	< 1	0.9	49.5	0.07	0.07	1.7	0.176	0.31	0.4	41	0.2	6.7
A704689 Orig	1.69	1.01	6.7	20.1	850	13.0	66.5	< 0.002	1.21	0.08	9.5	11	1.7	41.2	0.54	2.55	2.7	0.351	0.54	0.8	80	0.6	11.8
A704689 Dup	1.75	1.01	6.9	20.3	840	13.7	76.1	< 0.002	1.19	0.09	10.0	11	1.8	44.2	0.56	2.49	3.0	0.341	0.57	0.8	79	0.7	12.5
A705013 Orig	5.55	0.05	0.9	99.3	170	1.5	30.1	< 0.002	0.05	0.08	16.9	< 1	0.6	40.9	0.07	0.07	0.2	0.209	0.23	0.1	130	3.0	8.8
A705013 Dup	5.63	0.04	0.9	99.5	160	1.5	31.6	< 0.002	0.05	0.09	17.4	< 1	0.6	40.3	0.06	0.06	0.2	0.204	0.22	< 0.1	125	2.9	8.6
A705017 Orig	0.28	1.76	0.9	27.3	1120	7.7	23.5	< 0.002	3.48	< 0.05	32.7	1	1.2	143	< 0.05	< 0.05	1.0	0.491	0.28	0.4	100	3.5	54.7
A705017 Split PREP DUP	0.31	1.78	1.1	26.8	1130	7.5	23.1	< 0.002	3.47	< 0.05	32.8	1	0.7	139	< 0.05	< 0.05	1.0	0.454	0.22	0.3	98	3.4	52.0
A705018 Orig	5.63	0.88	5.0	19.1	1030	5.2	3.9	< 0.002	0.62	0.25	30.8	< 1	2.9	279	0.22	0.06	1.0	0.757	0.06	0.4	215	1.1	50.2
A705018 Dup	1.38	0.87	1.2	19.8	950	5.2	7.4	< 0.002	0.61	0.24	33.7	< 1	3.5	284	< 0.05	< 0.05	1.1	0.351	0.08	0.4	108	0.2	53.5
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.5	103	41.7
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1300	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas		65	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		135	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas		215	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	43	155
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	176
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		455	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.6	361	135
OREAS 923 (4 Acid) Cert	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 923 (4 Acid) Meas	2.7	346	140
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		30	
OREAS 522 (4 Acid) Cert		30.2	
A704619 Orig	< 0.1	14	6.5
A704619 Dup	< 0.1	15	6.7
A704626 Orig	2.6	83	62.9
A704626 Dup	2.7	82	63.1
A704641 Orig	2.5	116	53.9
A704641 Dup	2.5		53.6
A704660 Orig	0.4	205	107
A704660 Dup	0.4	208	109
A704667 Orig	0.6	72	102
A704667 Split PREP DUP	0.7	71	108
A704689 Orig	1.1	119	198
A704689 Dup	1.2	116	207
A705013 Orig	0.9	197	10.9
A705013 Dup	0.9	192	9.8
A705017 Orig	6.1	114	30.0
A705017 Split PREP DUP	6.0	113	28.3
A705018 Orig	6.0	110	121
A705018 Dup	6.0	111	49.5
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14424-Au**
Report Date: **11-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

46 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2019-11-06 09:21:21

REPORT **A19-14424-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
A705020	46	
A705021	94	
A705022	53	
A705023	< 5	
A705024	< 5	
A705025	< 5	
A705026	< 5	
A705027	23	
A705028	16	
A705029	< 5	
A705030	54	
A705031	< 5	
A705032	50	
A705033	44	
A705034	< 5	
A705035	10	
A705036	101	
A705037	8	
A705038	124	
A705039	16	
A705040	< 5	
A705041	< 5	
A705042	< 5	
A705043	245	
A705044	118	
A705045	236	
A705046	366	
A705047	43	
A705048	< 5	
A705049	14	
A705050	11	
A705051	< 5	
A705052	< 5	
A705053	9	
A705054	56	
A705055	59	
A705056	< 5	
A705057	28	
A705058	141	
A705059	25	
A705060	9	
A705061	10	
A705062	7	
A705063	> 5000	12.4
A705064	69	
A705065	12	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.02
Method Code	FA-AA	FA-GRA
SN75 Meas		8.96
SN75 Cert		8.67
OREAS 254 Fire Assay Meas	2530	
OREAS 254 Fire Assay Cert	2550	
OREAS 254 Fire Assay Meas	2630	
OREAS 254 Fire Assay Cert	2550	
OREAS 254 Fire Assay Meas	2630	
OREAS 254 Fire Assay Cert	2550	
OREAS 217 (Fire Assay) Meas	323	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	334	
OREAS 217 (Fire Assay) Cert	338	
OREAS 217 (Fire Assay) Meas	334	
OREAS 217 (Fire Assay) Cert	338	
OREAS 257 Meas		14.6
OREAS 257 Cert		14.18
A705029 Orig	10	
A705029 Dup	< 5	
A705039 Orig	15	
A705039 Dup	16	
A705049 Orig	14	
A705049 Dup	14	
A705064 Orig	76	
A705064 Dup	62	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.02
Method Blank		< 0.02
Method Blank	< 5	
Method Blank	< 5	

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14424-TD**
Report Date: **21-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

46 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-11-08 16:02:10

REPORT **A19-14424-TD**

Notes:

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	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705020	0.49	3.58	5.6	230	0.28	0.24	1.32	1.38	16.7	12.9	21	1.01	142	3.59	9.06	< 0.05	2.1	0.148	1.57	7.5	8.5	0.46	382
A705021	0.63	4.06	13.2	170	0.35	0.41	1.72	1.87	15.4	21.5	17	1.01	135	4.38	10.4	0.06	2.4	0.177	1.51	6.5	10.8	0.63	586
A705022	0.62	3.94	10.7	110	0.32	0.36	1.22	1.60	23.3	24.0	13	0.99	118	4.51	9.36	< 0.05	2.3	0.187	1.58	10.4	9.9	0.51	489
A705023	0.06	6.42	< 0.2	40	0.30	0.09	8.42	0.08	12.1	48.8	28	0.48	51.7	10.1	17.8	0.62	1.8	0.076	0.28	4.8	6.8	3.30	1530
A705024	0.08	6.27	< 0.2	30	0.31	0.04	8.52	0.08	10.6	48.6	40	0.68	137	9.71	17.5	0.93	1.4	0.085	0.18	4.0	13.0	3.12	1330
A705025	0.08	6.26	< 0.2	20	0.33	< 0.01	7.98	0.07	10.6	43.0	37	0.19	153	9.37	18.0	0.86	1.4	0.060	0.11	4.2	8.0	3.03	1360
A705026	0.06	6.29	< 0.2	30	0.32	< 0.01	8.52	0.07	10.5	41.1	45	0.39	119	9.19	18.4	0.97	1.4	0.076	0.21	4.3	9.8	2.86	1380
A705027	0.12	5.80	< 0.2	80	0.80	0.38	5.68	0.15	27.5	31.8	49	0.47	90.6	9.57	18.4	0.10	1.8	0.127	0.29	10.4	8.0	3.17	1630
A705028	0.43	6.15	2.6	230	0.99	0.97	3.65	0.14	31.3	47.8	42	0.39	224	10.2	17.2	0.09	1.1	0.118	0.52	12.6	21.7	2.68	1330
A705029	0.16	5.93	< 0.2	110	0.81	0.47	5.04	0.09	32.6	30.4	53	0.52	101	9.71	20.3	0.19	2.1	0.103	0.31	12.5	14.7	3.02	1580
A705030	0.64	6.26	< 0.2	300	0.84	0.36	4.42	3.07	29.8	44.1	41	4.17	304	11.9	24.4	0.65	4.3	0.484	0.92	10.6	26.2	2.95	1530
A705031	0.08	3.60	0.7	100	0.45	0.14	5.17	0.12	17.9	18.1	27	0.60	25.4	5.31	11.4	0.47	0.9	0.093	0.31	6.7	7.5	1.32	940
A705032	0.28	0.33	3.1	20	0.14	0.20	4.14	1.42	5.68	5.1	13	0.14	111	1.88	1.65	< 0.05	< 0.1	0.174	0.03	2.4	1.0	0.08	427
A705033	0.89	2.71	< 0.2	120	0.87	1.38	4.03	12.5	20.1	10.4	30	0.58	453	11.8	14.4	0.21	0.9	1.74	0.13	8.3	3.7	0.58	1200
A705034	0.21	6.22	< 0.2	120	0.98	0.64	4.76	0.14	28.9	32.6	48	0.46	244	9.78	18.1	0.06	2.6	0.115	0.38	9.7	12.9	2.89	1590
A705035	0.12	6.24	< 0.2	70	0.72	0.40	6.29	0.14	31.3	34.0	48	0.21	39.3	10.5	19.9	0.11	1.2	0.143	0.32	11.7	9.3	3.09	1520
A705036	0.46	4.95	< 0.2	80	0.51	1.56	5.06	0.20	29.7	41.3	29	0.40	210	14.5	19.2	0.10	2.9	0.138	0.24	12.2	11.2	2.79	1560
A705037	0.11	8.08	< 0.2	< 10	1.48	0.22	10.2	0.12	29.6	41.3	47	0.15	68.2	9.03	23.0	0.85	2.4	0.076	0.04	13.2	18.5	2.85	1020
A705038	0.12	8.60	2.8	10	1.85	0.75	9.26	< 0.02	35.8	3.5	6	0.19	5.5	1.97	20.6	< 0.05	3.4	0.029	0.02	17.5	7.3	0.22	210
A705039	0.17	5.75	< 0.2	40	0.89	0.43	4.64	0.25	27.8	24.1	27	0.17	77.7	8.80	17.5	0.22	3.3	0.115	0.18	10.0	11.9	2.65	1370
A705040	0.04	6.12	< 0.2	1000	0.71	0.01	1.30	0.03	62.4	2.4	11	1.31	2.1	1.22	14.9	0.07	3.8	0.021	3.00	29.3	7.4	0.31	167
A705041	0.05	5.54	< 0.2	40	0.34	< 0.01	7.55	0.07	8.89	53.8	5	0.15	187	12.0	18.1	0.16	0.5	0.083	0.11	3.4	7.3	2.23	1400
A705042	0.02	5.92	< 0.2	20	0.36	0.03	7.46	0.04	11.1	62.2	6	0.11	34.6	13.9	19.1	0.20	0.9	0.088	0.09	4.2	6.9	2.39	1610
A705043	0.05	5.60	< 0.2	40	0.56	0.06	6.14	0.11	18.4	44.5	4	0.26	55.1	14.1	18.3	0.23	0.9	0.126	0.16	6.5	3.1	1.73	1950
A705044	0.98	4.23	< 0.2	160	0.70	0.69	1.97	10.4	25.3	41.4	37	0.72	787	7.84	18.4	0.83	2.7	2.17	0.67	11.2	15.8	0.70	594
A705045	1.04	4.55	< 0.2	40	1.42	1.31	1.30	13.1	20.8	75.3	37	0.67	763	7.15	15.8	0.11	2.1	1.84	0.94	8.7	19.1	0.49	330
A705046	0.84	4.26	< 0.2	110	1.10	0.36	2.95	0.11	35.1	17.0	22	1.01	328	7.39	16.3	0.17	3.1	0.135	0.31	12.9	14.5	0.90	815
A705047	0.10	4.29	< 0.2	40	0.42	0.22	6.20	0.12	19.2	29.0	36	0.26	125	8.50	19.1	0.31	1.5	0.221	0.07	8.3	8.2	1.62	1210
A705048	0.16	7.62	< 0.2	10	2.15	0.12	14.0	< 0.02	22.2	24.6	33	0.14	41.1	7.49	28.8	1.61	1.9	0.094	< 0.01	8.3	17.0	1.23	723
A705049	0.86	7.30	< 0.2	< 10	2.55	1.01	11.1	1.32	26.7	20.5	30	0.38	90.6	7.12	29.4	0.32	0.8	0.173	< 0.01	10.2	21.7	1.08	860
A705050	0.14	6.50	< 0.2	100	0.76	0.09	4.95	0.04	43.5	38.9	52	0.44	20.3	7.26	20.8	0.25	1.8	0.264	0.03	17.7	15.2	1.54	772
A705051	0.14	5.30	< 0.2	110	0.34	0.10	6.53	< 0.02	48.9	20.9	19	4.90	60.2	11.9	19.7	< 0.05	2.2	0.950	0.27	20.6	63.0	1.75	1170
A705052	0.05	6.12	< 0.2	30	0.47	0.04	4.76	0.04	36.5	29.9	57	0.55	44.7	8.01	18.0	0.06	1.8	0.121	0.03	14.0	27.9	2.03	919
A705053	0.05	5.80	< 0.2	20	0.59	0.07	7.40	0.06	22.4	19.8	41	0.19	13.8	6.14	16.7	0.15	2.1	0.083	0.03	8.3	16.7	1.58	794
A705054	2.00	5.84	1.0	30	1.01	1.66	1.59	16.6	43.5	101	5	0.42	847	6.23	20.4	0.38	7.0	0.929	0.07	14.6	26.2	0.90	577
A705055	1.05	6.89	1.4	50	0.72	1.63	3.25	1.72	24.2	46.2	19	0.99	368	8.56	26.4	0.69	3.9	0.400	0.07	9.4	41.0	1.22	576
A705056	0.09	6.24	< 0.2	40	0.47	0.25	2.79	0.95	43.0	14.0	38	0.36	80.4	3.80	18.4	0.10	1.6	0.383	0.15	19.4	22.7	0.92	420
A705057	0.21	2.45	< 0.2	10	0.62	0.58	5.33	0.50	32.9	8.4	11	0.11	57.4	3.65	12.9	< 0.05	0.2	0.777	0.02	15.6	13.2	0.12	434
A705058	1.24	2.91	3.3	10	0.27	2.43	2.65	1.35	30.1	40.0	12	0.09	239	6.77	11.3	< 0.05	3.9	0.159	0.02	11.1	12.3	0.54	326
A705059	0.21	2.90	< 0.2	10	0.46	0.78	3.29	1.00	27.4	14.5	11	0.12	93.2	4.47	16.0	0.16	2.0	0.164	0.02	10.6	17.6	0.64	397
A705060	0.06	7.06	0.2	20	0.37	0.01	5.49	0.06	6.91	51.0	160	0.16	69.2	8.11	13.6	0.16	0.8	0.056	0.11	2.6	18.2	4.50	1360
A705061	0.17	6.25	< 0.2	< 10	1.11	0.70	5.68	< 0.02	21.5	33.8	21	0.14	13.4	8.57	32.2	0.16	1.9	0.111	0.02	8.8	17.1	1.93	693
A705062	0.17	4.92	< 0.2	30	1.02	0.92	6.72	0.20	28.1	25.2	27	0.24	69.6	8.49	20.4	0.44	2.3	0.153	0.20	11.7	11.5	2.53	1380
A705063	2.10	1.38	0.5	80	0.28	0.86	1.44	< 0.02	2.13	4.6	59	0.40	52.1	2.69	4.06	< 0.05	0.3	0.020	0.36	0.8	2.8	0.62	552
A705064	0.20	5.87	< 0.2	150	0.60	0.13	4.73	0.67	14.6	41.5	97	2.05	119	13.2	15.0	0.12	2.2	0.152	0.56	5.4	18.1	2.36	1390
A705065	0.03	6.38	< 0.2	240	0.68	0.02	4.24	0.05	13.3	26.2	66	0.78	12.5	5.33	17.0	0.21	0.9	0.077	0.69	5.3	10.3	2.12	857

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705020	5.15	0.21	2.1	27.3	210	16.9	33.8	< 0.002	0.75	0.06	6.2	< 1	2.9	21.5	0.15	0.55	1.6	0.128	0.42	0.5	39	1.5	4.9
A705021	5.79	0.24	2.7	46.4	210	21.5	36.7	< 0.002	1.71	0.11	6.8	1	3.6	24.6	0.20	0.72	1.7	0.149	0.45	0.5	43	2.4	5.9
A705022	4.47	0.25	2.3	42.5	200	21.1	39.5	0.002	1.79	0.11	6.0	1	3.7	18.2	0.17	0.61	1.8	0.129	0.45	0.5	31	2.5	6.1
A705023	0.88	1.02	2.1	53.1	400	1.2	8.3	< 0.002	0.03	< 0.05	49.2	< 1	0.4	143	0.11	< 0.05	0.4	0.627	0.04	0.1	305	0.7	26.0
A705024	0.75	1.01	2.3	58.9	320	0.7	8.0	< 0.002	0.03	< 0.05	45.4	< 1	0.3	56.2	0.11	< 0.05	0.4	0.606	0.04	0.1	300	0.1	23.3
A705025	0.77	1.42	2.4	52.3	310	0.6	3.5	< 0.002	0.01	< 0.05	43.4	< 1	0.4	68.3	0.14	< 0.05	0.4	0.578	< 0.02	0.1	289	0.1	21.5
A705026	0.57	0.95	1.5	46.8	320	0.7	9.0	< 0.002	0.01	< 0.05	39.1	< 1	0.3	103	0.08	< 0.05	0.4	0.480	0.04	0.1	267	0.1	21.4
A705027	0.22	1.63	0.6	30.3	820	3.0	7.0	< 0.002	0.55	< 0.05	33.4	< 1	1.0	108	< 0.05	< 0.05	1.0	0.321	0.06	0.3	81	< 0.1	51.4
A705028	0.15	1.26	0.6	32.3	960	5.0	14.6	< 0.002	1.70	< 0.05	34.4	< 1	1.0	77.7	< 0.05	< 0.05	1.0	0.356	0.11	0.3	65	0.2	54.3
A705029	0.13	1.28	0.5	29.7	970	2.9	12.9	< 0.002	0.77	< 0.05	35.1	< 1	1.6	110	< 0.05	< 0.05	1.0	0.415	0.10	0.3	111	0.2	61.3
A705030	0.79	1.00	5.8	50.8	1030	116	38.3	< 0.002	0.96	< 0.05	39.4	2	18.6	55.6	0.25	< 0.05	1.3	1.00	0.81	0.3	215	0.3	54.8
A705031	0.16	0.60	0.1	15.6	580	23.0	13.9	< 0.002	0.09	< 0.05	18.9	< 1	1.7	35.7	< 0.05	< 0.05	0.6	0.199	0.12	0.2	62	< 0.1	30.6
A705032	1.53	0.06	0.2	8.9	60	10.9	0.8	< 0.002	0.33	< 0.05	1.1	< 1	1.1	18.7	< 0.05	0.28	< 0.2	0.016	< 0.02	0.1	9	0.1	2.1
A705033	2.43	0.29	1.6	14.1	530	70.5	4.6	0.004	0.75	< 0.05	6.4	7	17.8	40.0	0.09	1.25	0.8	0.127	0.08	0.2	52	0.5	9.7
A705034	0.10	2.45	1.0	29.9	980	4.7	10.6	< 0.002	1.34	< 0.05	34.6	< 1	0.7	121	< 0.05	< 0.05	1.0	0.469	0.09	0.3	109	0.2	52.3
A705035	0.08	1.54	0.5	31.8	920	3.1	10.1	< 0.002	0.47	0.07	36.3	< 1	1.2	116	< 0.05	< 0.05	1.1	0.286	0.08	0.3	77	< 0.1	51.4
A705036	0.34	0.99	0.3	15.6	830	8.3	4.6	< 0.002	2.01	< 0.05	31.2	< 1	1.0	47.1	< 0.05	0.06	0.9	0.300	0.76	0.3	178	< 0.1	51.0
A705037	0.40	0.68	3.0	73.9	810	1.7	0.3	< 0.002	0.13	< 0.05	26.3	< 1	0.7	40.9	0.15	0.06	1.3	0.536	< 0.02	0.4	236	1.4	24.1
A705038	0.93	3.54	3.5	2.6	480	3.5	0.5	< 0.002	0.12	< 0.05	1.6	< 1	0.9	101	0.22	0.34	3.7	0.137	< 0.02	1.0	37	1.4	6.5
A705039	1.32	2.91	3.9	21.0	1000	3.8	2.8	< 0.002	0.51	< 0.05	33.6	< 1	1.4	91.1	0.09	< 0.05	1.1	0.757	0.03	0.3	152	0.2	50.8
A705040	0.73	2.60	1.7	3.9	290	9.1	103	< 0.002	< 0.01	< 0.05	1.5	< 1	0.7	477	0.10	< 0.05	10.6	0.142	0.54	1.9	24	0.3	2.5
A705041	0.07	0.58	< 0.1	17.0	260	0.8	3.7	< 0.002	0.08	< 0.05	48.0	< 1	< 0.2	409	< 0.05	< 0.05	0.4	0.201	< 0.02	< 0.1	343	< 0.1	21.5
A705042	0.14	0.60	0.2	3.0	250	1.2	2.5	0.008	0.20	< 0.05	53.7	< 1	< 0.2	620	< 0.05	< 0.05	0.4	0.449	0.02	0.1	482	< 0.1	25.3
A705043	0.18	1.52	0.4	1.5	710	1.8	5.1	< 0.002	0.31	< 0.05	49.1	< 1	0.3	173	< 0.05	< 0.05	0.8	0.371	0.07	0.3	123	< 0.1	42.7
A705044	8.80	1.34	3.4	59.7	390	46.2	15.8	0.006	2.02	< 0.05	8.0	3	17.7	31.8	0.24	0.58	2.1	0.213	0.18	0.6	49	1.5	19.0
A705045	4.94	1.32	2.2	68.6	320	116	20.5	0.004	4.03	0.12	10.5	6	18.9	34.0	0.15	0.96	1.2	0.198	0.36	0.4	71	0.6	15.8
A705046	1.01	1.66	3.4	12.8	1430	8.7	9.7	< 0.002	2.50	< 0.05	22.6	< 1	1.8	104	< 0.05	0.06	1.4	0.678	0.17	0.4	76	16.0	61.9
A705047	2.33	0.73	0.6	17.2	670	3.2	3.0	< 0.002	1.04	< 0.05	22.2	< 1	1.5	255	< 0.05	< 0.05	0.7	0.377	< 0.02	0.2	112	0.1	36.8
A705048	2.20	0.29	5.4	24.8	790	2.2	0.2	< 0.002	0.28	< 0.05	23.8	< 1	2.1	144	0.29	0.10	0.7	0.646	< 0.02	0.2	195	0.9	41.5
A705049	0.29	0.43	0.7	23.0	760	4.1	0.2	< 0.002	0.29	< 0.05	29.6	< 1	2.6	90.3	< 0.05	0.10	0.9	0.179	< 0.02	0.3	91	0.4	47.7
A705050	0.16	3.44	1.7	29.7	1090	4.1	0.7	< 0.002	0.69	< 0.05	33.0	< 1	1.8	436	< 0.05	< 0.05	1.4	0.403	< 0.02	0.4	62	0.3	52.4
A705051	2.03	1.07	4.8	33.4	500	3.3	11.5	< 0.002	0.57	0.15	9.8	< 1	4.5	81.1	0.35	0.10	3.1	0.253	0.29	0.6	56	0.7	38.3
A705052	0.18	2.84	0.8	31.6	960	1.6	2.7	< 0.002	0.25	< 0.05	37.2	< 1	0.7	91.7	< 0.05	< 0.05	1.6	0.169	< 0.02	0.4	85	< 0.1	55.7
A705053	0.10	3.12	1.9	22.0	730	1.2	0.8	< 0.002	0.04	< 0.05	26.5	< 1	0.3	122	< 0.05	< 0.05	0.8	0.115	< 0.02	0.2	45	< 0.1	36.1
A705054	2.37	3.22	10.4	24.8	1570	9.4	2.6	0.005	2.38	< 0.05	31.7	1	12.5	116	0.27	0.15	2.1	1.09	0.05	0.6	135	13.0	66.8
A705055	10.9	3.68	4.4	33.1	610	8.5	1.4	0.005	2.10	< 0.05	17.7	2	7.6	126	0.28	0.65	1.7	0.496	0.06	0.5	117	1.1	23.0
A705056	1.25	3.25	1.2	23.8	600	3.0	6.5	< 0.002	0.05	< 0.05	7.0	< 1	3.6	134	< 0.05	< 0.05	2.9	0.276	0.06	0.5	66	0.5	8.2
A705057	1.46	0.09	0.5	3.5	40	2.4	0.6	< 0.002	1.65	< 0.05	8.8	1	9.1	29.7	< 0.05	0.58	< 0.2	0.035	< 0.02	< 0.1	45	1.7	50.1
A705058	3.01	1.57	8.0	12.7	1100	5.6	0.4	< 0.002	4.04	0.11	18.9	1	4.5	34.1	0.49	1.32	1.1	0.724	< 0.02	0.4	97	6.2	52.5
A705059	0.23	0.67	0.9	10.2	830	2.2	0.5	< 0.002	0.43	< 0.05	14.8	< 1	2.6	27.2	< 0.05	< 0.05	0.9	0.483	< 0.02	0.3	34	0.1	41.7
A705060	0.43	2.89	2.2	206	250	< 0.5	1.5	< 0.002	0.02	< 0.05	27.1	< 1	0.5	61.8	0.14	< 0.05	< 0.2	0.444	0.02	< 0.1	192	0.5	12.7
A705061	0.67	1.57	4.1	31.2	540	3.3	0.1	< 0.002	0.78	0.10	14.3	< 1	1.9	84.5	0.24	0.65	0.9	0.462	< 0.02	0.2	178	1.8	30.9
A705062	0.62	0.67	4.1	24.4	640	5.6	3.4	< 0.002	0.41	< 0.05	21.4	< 1	2.6	64.4	0.21	0.06	0.6	0.636	0.03	0.2	179	1.1	52.3
A705063	52.3	0.15	0.5	5.1	340	4.2	11.3	0.002	0.21	< 0.05	5.6	< 1	0.2	29.2	< 0.05	4.82	0.2	0.103	0.08	< 0.1	61	2.9	3.6
A705064	0.25	1.52	0.3	70.5	510	11.5	21.5	0.005	2.43	< 0.05	29.9	< 1	0.4	78.3	< 0.05	< 0.05	0.6	0.305	0.22	0.2	154	< 0.1	25.9
A705065	0.06	2.67	0.1	41.3	380	2.3	24.4	< 0.002	0.06	< 0.05	24.6	< 1	0.2	71.8	< 0.05	< 0.05	0.5	0.138	0.19	0.2	52	< 0.1	21.9

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705020	0.6	485	77.8
A705021	0.7	662	85.2
A705022	0.6	824	85.8
A705023	3.0	90	57.7
A705024	2.7	73	46.5
A705025	2.5	68	44.3
A705026	2.5	73	46.7
A705027	5.7	134	57.6
A705028	6.0	135	27.0
A705029	6.3	140	67.1
A705030	6.5	1240	155
A705031	3.4	238	29.2
A705032	0.2	477	4.0
A705033	1.2	5060	33.2
A705034	6.2	146	88.4
A705035	6.0	160	34.3
A705036	6.1	155	104
A705037	2.8	94	83.9
A705038	0.7	11	131
A705039	6.2	135	110
A705040	0.2	23	159
A705041	2.5	86	11.8
A705042	2.9	108	26.7
A705043	5.0	140	26.7
A705044	1.8	4740	103
A705045	1.2	6100	75.7
A705046	7.1	129	90.9
A705047	4.0	129	47.6
A705048	4.7	44	58.6
A705049	5.5	546	22.0
A705050	5.2	47	53.7
A705051	2.7	73	90.3
A705052	6.5	58	54.4
A705053	4.2	54	68.7
A705054	8.6	4950	240
A705055	2.9	739	139
A705056	0.6	357	63.1
A705057	3.1	276	7.4
A705058	5.9	452	137
A705059	4.8	514	54.3
A705060	1.6	66	23.8
A705061	3.0	41	65.0
A705062	5.5	188	80.7
A705063	0.4	25	11.6
A705064	2.7	275	78.5
A705065	2.5	70	28.5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
GXR-4 Meas		6.58		90			1.03				54			3.12					2.37			1.73	156
GXR-4 Cert		7.20		1640			1.01				64.0			3.09					4.01			1.66	155
SDC-1 Meas		8.17	< 0.2	650	3.04		1.02		92.3	17.8	41	3.86	31.7	4.69	19.5		1.1		2.09	42.8	36.6	0.98	867
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.90	< 0.2	670	2.63		1.05		87.3	16.8	41	4.20	28.8	4.61	17.5		1.4		2.66	39.0	30.1	0.99	838
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.68	< 0.2	660	2.99		1.04		90.6	17.7	34	4.01	29.3	4.51	19.5		0.9		2.65	40.0	34.4	0.97	823
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
GXR-6 Meas		13.7		1410			0.19				45			5.41					1.85			0.63	1020
GXR-6 Cert		17.7		1300			0.180				96.0			5.58					1.87			0.609	1010
Oreas 72a (4 Acid Digest) Meas			7.7							148	163		303	9.38									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
Oreas 72a (4 Acid Digest) Meas											224			9.21									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas									> 500	45.9			431	10.5					2.35	745		1.23	921
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	45.7			425	10.5					2.38	729		1.24	933
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	45.9			419	10.4					2.36	723		1.22	923
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 97 (4 Acid) Meas	22.2					44.3				68.4			> 10000										
OREAS 97 (4 Acid) Cert	19.6					40.1				62.9			63100.00										
OREAS 98 (4 Acid) Meas	44.1					89.2				118			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			148000.0										
OREAS 98 (4 Acid) Meas	44.6					89.7				131			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			148000.0										
OREAS 98 (4 Acid) Meas	42.0					96.8				126			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			148000.0										
DNC-1a Meas				100			7.19			55.3	123		92.3	6.67	12.2					3.7	4.6		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				100			7.62			56.2	136		106	6.72	14.1					3.6	4.6		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				110			7.56				171			6.80									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.98		58.1							77.3	8940		2210										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 13b (4-Acid) Meas	0.84		53.3							73.5	8520		2110										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.88		51.1							73.6	8550		2140										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 904 (4 ACID) Meas	0.62	6.45	92.7	220	9.34	4.13	0.05		89.6	86.1	46	4.18	6310	6.72	16.3	0.25	4.9	0.218	3.49	43.8	15.9	0.60	414
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.57	6.32	92.8	220	8.84	3.95	0.05		89.4	83.8	43	4.10	6080	6.67	16.1	0.24	2.7	0.209	3.45	43.1	15.0	0.59	417
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.60	6.23	92.4	210	8.14	3.97	0.05		89.0	86.8	50	3.88	5850	6.59	15.4	0.20	5.0	0.208	3.42	43.5	15.6	0.58	417
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
SBC-1 Meas			25.7	660	3.32	0.72		0.34	95.9	23.7	92	7.87	33.6		23.8		3.4			43.2	175		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			25.7	770	3.11	0.68		0.34	90.9	22.5	87	7.84	32.6		21.7		3.4			39.7	161		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			24.9	780	3.20	0.65		0.39	89.1	21.8	88	7.93	31.0		23.9		3.5			40.2	161		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		8.27	11.3	190	0.71	0.36	0.20		37.1	29.0	528	3.85	349	14.5	19.3		3.8	0.078	0.42	17.5	20.2	0.25	524
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.66	9.4	190	0.86	0.32	0.20		38.3	30.1	475	4.15	390	13.9	20.8		2.4	0.086	0.41	16.5	22.5	0.24	483
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.86	11.6	190	0.75	0.31	0.20		35.1	29.5	528	3.97	375	14.0	19.0		4.4	0.085	0.41	15.7	21.5	0.25	490
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.8					26.9				49.6			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	10.7					27.6				48.6			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	10.3					27.4				49.1			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.84	7.45	5.3	450	2.54	20.1	0.49	0.35	86.0	23.6	67	6.76	4300	6.45	18.0		3.8	0.474	2.55	44.4	35.4	1.70	985
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 923 (4 Acid) Meas	2.03	7.28	8.2	460	2.45	19.5	0.51	0.42	86.6	24.0	67	7.37	4180	6.36	17.1		3.7	0.529	2.51	42.9	28.6	1.74	957
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	1.66	6.97	5.4	450	2.44	24.2	0.50	0.39	88.0	23.0	60	7.00	4390	6.17	18.3		3.8	0.564	2.42	42.0	30.2	1.68	908
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	68.9	6.52	70.9		1.81	3.80	2.02	278	47.9	30.3	25	3.16	3460	3.70	23.2		4.7	1.63	2.02	19.4	14.9	0.51	495
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas	57.2	5.96	66.2		1.61	3.78	2.08	242	46.6	28.5	25	3.44	3500	3.62	23.1		4.3	1.82	2.18	19.5	13.0	0.50	497
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		4.33					1.98				46			3.51					1.42			0.44	553
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 520 (4 Acid) Meas	0.42	5.62	102		1.10	2.77	3.94		78.7	191	36	0.80	2620	15.8	16.4		3.5	0.101	3.41	69.0	16.9	1.17	2290
OREAS 520 (4 Acid) Cert	0.450	5.63	153		1.06	2.94	4.10		86.0	203	36.4	0.800	2930	16.4	18.7		3.53	0.110	3.46	85.0	16.9	1.19	2420
OREAS 522 (4 Acid) Meas	1.23	3.77	409		0.78	8.47	3.65		79.1	549	31	0.67	8350	23.1	15.0		3.0	0.233	2.72	53.7	16.2	1.14	3660
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
OREAS 522 (4 Acid) Meas	1.23	3.76	443		0.77	8.91	3.65		60.8	522	38	0.71	8320	23.0	14.1		3.1	0.243	2.74	44.7	15.1	1.13	3650
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
Oreas 77b (4 Acid Digest) Meas	1.59	1.82	1540	10	0.52	3.28	3.02	1.03	29.2	1610	281	2.47	3380	28.8	4.22		1.2	0.124	0.34	15.4	19.2	2.67	625
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
Oreas 77b (4 Acid Digest) Meas	1.48	1.82	1540	20	0.41	3.33	3.05	1.05	27.3	1510	240	2.34	3020	28.9	3.86		1.2	0.117	0.34	15.0	17.1	2.69	629
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
A705029 Orig	0.15	5.95	< 0.2	110	0.81	0.46	5.05	0.04	31.5	29.9	52	0.51	99.7	9.74	19.9	0.21	1.9	0.088	0.32	11.9	14.3	3.03	1550
A705029 Dup	0.17	5.91	< 0.2	110	0.81	0.48	5.03	0.14	33.8	30.8	55	0.52	103	9.69	20.7	0.16	2.2	0.119	0.31	13.1	15.0	3.01	1610
A705029 Orig		5.61		110			5.21				35			9.50					0.31			3.06	1570
A705029 Dup		5.86		110			5.31				38			9.85					0.32			3.17	1620
A705045 Orig	1.02	4.60	< 0.2	30	1.41	1.31	1.32	13.2	20.5	75.4	37	0.66	773	7.24	16.0	0.11	2.1	1.77	0.96	8.5	19.1	0.49	337
A705045 Dup	1.06	4.51	< 0.2	50	1.44	1.32	1.29	13.0	21.2	75.3	37	0.68	753	7.06	15.7	0.10	2.1	1.91	0.93	8.9	19.2	0.48	324
A705056 Orig	0.09	6.19	< 0.2	40	0.51	0.25	2.77	0.98	43.0	13.8	38	0.37	78.4	3.77	18.2	0.11	2.6	0.384	0.15	19.4	22.5	0.91	418
A705056 Dup	0.09	6.30	< 0.2	40	0.43	0.26	2.82	0.92	43.1	14.2	37	0.36	82.3	3.84	18.6	0.09	0.6	0.382	0.15	19.4	22.9	0.93	423
A705056 Orig		5.86		50			2.93				42			3.68					0.16			0.90	411
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank	0.02	< 0.01	< 0.2	< 10	< 0.05	< 0.01	< 0.01	< 0.02	0.08	< 0.1		< 0.05	0.7	< 0.01	0.55	0.14	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.6		0.53	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.01	< 0.01	< 0.02	0.03	< 0.1		< 0.05	0.3	< 0.01	0.16	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.7		0.22	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	0.7		0.20	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		0.4		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.4		0.19	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01				2			< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
GXR-4 Meas		0.52			1420				1.83									0.274			89		
GXR-4 Cert		0.564			1200				1.77									0.29			87.0		
SDC-1 Meas		1.48	< 0.1	33.7	580	22.1	104			< 0.05	16.2		< 0.2	176	< 0.05		12.1	0.129	0.60	2.6	44	0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.52	9.3	31.9	580	23.6	120			0.29	13.7		2.3	159	0.26		13.2	0.491	0.62	2.8	85	0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.50	0.4	33.5	520	23.3	116			< 0.05	15.9		< 0.2	173	< 0.05		12.0	0.086	0.63	2.9	32	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
GXR-6 Meas		0.10			350				0.02												117		
GXR-6 Cert		0.104			350				0.0160												186		
Oreas 72a (4 Acid Digest) Meas				6320					1.60														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
Oreas 72a (4 Acid Digest) Meas									1.59														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas	20.1			9.3	1100	24.0											42.0	0.349		394	76		131
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.0			8.9	1110	22.8											40.8	0.367		384	77		133
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.6			9.2	1100	22.3											37.8	0.351		384	76		123
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 97 (4 Acid) Meas						154			6.78	7.05		75	102										
OREAS 97 (4 Acid) Cert						147			6.07	9.23		71.4	95.7										
OREAS 98 (4 Acid) Meas						308			> 10.0	6.72		152	180										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						332			> 10.0	10.6		178	202										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						324			> 10.0	8.62		158	207										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.41	1.3	254		5.9	3.5			0.78	29.3			137				0.261			139		16.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.48	1.5	270		7.3	3.5			0.93	29.5			148				0.274			138		17.0
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.50																0.277			140		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	9.50			2230					1.14														
OREAS 13b (4-Acid) Cert	9.0			2247.000					1.2														

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 13b (4-Acid) Meas	10.0			2080					1.13														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 13b (4-Acid) Meas	9.30			2080					1.12														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas	2.30	0.04		40.5	1000	11.5	146		0.06	1.32	11.7	2	2.8	25.4	0.72		17.1		0.55	9.2	82	2.4	32.4
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.12	0.04		40.0	940	11.0	148		0.06	1.22	10.6	2	2.6	25.7	0.64		17.0		0.55	8.9	82	2.1	33.3
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.16	0.04		41.6	980	10.5	140		0.06	1.01	11.6	2	2.8	25.2	0.59		15.2		0.53	8.9	80	2.2	32.2
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
SBC-1 Meas	2.67		14.0	90.2		34.5	121			1.39	19.7		3.4	178	1.02		13.2	0.476	0.89	5.2	219	1.7	30.3
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.18		15.4	85.0		37.1	115			1.03	16.4		3.4	171	1.04		12.9	0.502	0.94	5.3	216	1.5	28.5
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.24		15.2	83.0		34.2	117			0.90	18.1		3.4	169	0.99		11.6	0.505	0.90	4.8	218	1.6	28.7
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
OREAS 45d (4-Acid) Meas	1.26	0.10	5.3	232	380	20.3	38.6		0.05	0.07	53.8		1.0	28.7	0.28		15.6	0.273	0.26	2.8	139	0.2	11.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	0.47	0.10	1.5	234	360	22.0	42.7		0.05	0.06	51.4		0.6	29.4	< 0.05		16.5	0.297	0.25	2.9	140	< 0.1	11.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	2.27	0.10	13.4	234	390	22.4	38.6		0.05	0.07	52.3		1.9	28.8	0.89		14.6	0.801	0.25	2.8	231	1.1	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						94.4			4.32	3.02		41	60.7										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						98.2			4.17	3.82		40	59.5										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						95.9			4.01	3.64		37	62.0										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.99	0.32	12.8	37.7	650	82.9	165		0.71	1.10	14.4	6	13.0	39.8	0.89		17.3	0.395	0.86	3.1	95	4.7	28.0
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 923 (4 Acid) Meas	1.04	0.32	14.6	37.2	620	87.3	182		0.67	1.23	13.0	6	12.7	41.2	1.11		19.2	0.405	0.89	3.2	92	5.2	27.9
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	0.98	0.32	14.5	37.5	600	87.3	127		0.66	1.23	12.8	6	13.8	42.2	1.05		17.1	0.397	0.90	3.2	89	5.0	26.8
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	13.5	1.30	8.5	26.0	380	> 10000	78.4		4.54	69.1	7.2	5	5.3	62.3			5.8	0.181	1.97	2.8	35	2.3	13.2
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas	13.6	1.31	8.9	27.6	340	> 10000	74.3		4.38	85.7	5.8	4	5.0	67.5			7.2	0.182	2.08	2.8	33	2.2	11.2
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.29			320				4.20									0.178			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 520 (4 Acid) Meas	53.3	1.33	1.4	75.1	700	5.7	103	0.033	0.90	1.06	18.3	< 1	3.8	81.9	< 0.05	< 0.05	8.0	0.387	0.27	17.8	249	6.1	20.3
OREAS 520 (4 Acid) Cert	65.0	1.35	5.68	76.0	740	5.85	111	0.0310	1.01	3.21	17.0	1.76	4.76	104	0.470	0.360	9.62	0.445	0.260	17.9	257	43.8	20.8
OREAS 522 (4 Acid) Meas	212	0.63	5.4	70.2	800	9.8	85.9	0.064	2.33	3.50	11.4	3	7.6	75.0	0.35	0.37	3.1	0.349	0.28	42.0	159	109	18.7
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
OREAS 522 (4 Acid) Meas	214	0.63	6.0	70.6	800	9.9	80.4	0.100	2.32	5.47	10.8	2	9.1	70.3	0.42	0.83	2.9	0.362	0.29	44.6	157	132	18.1
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
Oreas 77b (4 Acid Digest) Meas		0.45	3.2	> 10000		58.4	20.9	0.014		6.32	4.1		1.6	33.2	0.26	1.24	7.1	0.063	1.39	1.8	38	2.9	6.9
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
Oreas 77b (4 Acid Digest) Meas		0.45	3.0	> 10000		57.7	18.4	0.022		5.71	3.6		1.5	32.4	0.24	1.07	6.3	0.064	1.42	1.8	36	2.8	6.4
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
A705029 Orig	0.13	1.28	0.3	29.5	950	2.8	12.5	< 0.002	0.78	< 0.05	34.4	< 1	1.5	107	< 0.05	< 0.05	1.0	0.358	0.09	0.3	105	0.1	59.1
A705029 Dup	0.13	1.27	0.7	29.9	980	3.0	13.3	< 0.002	0.77	< 0.05	35.7	< 1	1.6	114	< 0.05	< 0.05	1.1	0.473	0.10	0.3	118	0.3	63.5
A705029 Orig		1.32			870				0.72									0.440			95		
A705029 Dup		1.35			910				0.75									0.709			161		
A705045 Orig	5.02	1.34	2.2	68.1	330	115	20.5	0.004	4.11	0.12	10.4	6	18.9	34.7	0.16	0.97	1.2	0.203	0.35	0.4	72	0.6	15.8
A705045 Dup	4.86	1.30	2.2	69.1	320	116	20.5	0.004	3.96	0.11	10.6	6	18.9	33.2	0.15	0.95	1.3	0.194	0.36	0.4	71	0.6	15.7
A705056 Orig	1.33	3.21	1.8	23.7	610	3.1	6.5	< 0.002	0.05	< 0.05	7.0	< 1	3.8	134	0.12	< 0.05	2.9	0.279	0.06	0.5	67	0.7	8.0
A705056 Dup	1.16	3.29	0.7	23.9	580	3.0	6.5	< 0.002	0.05	< 0.05	6.9	< 1	3.3	135	< 0.05	< 0.05	2.9	0.273	0.05	0.5	66	0.2	8.3
A705056 Orig		3.24			590				0.05									0.290			62		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.18	< 0.01	< 0.1	0.3	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	2	< 0.1	< 0.1
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.09	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.19		< 0.1	0.5		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
GXR-4 Meas		75	
GXR-4 Cert		73.0	
SDC-1 Meas	3.5	106	38.5
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.3	102	46.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.3	103	30.1
SDC-1 Cert	4.00	103.00	290.00
GXR-6 Meas		134	
GXR-6 Cert		118	
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas	13.8		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	13.6		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	14.0		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 97 (4 Acid) Meas		630	
OREAS 97 (4 Acid) Cert		646	
OREAS 98 (4 Acid) Meas		1330	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1290	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1280	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	2.0	59	34.4
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0	57	39.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas		59	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		117	
OREAS 13b (4-Acid) Cert		133	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 13b (4-Acid) Meas		113	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas	3.3	29	178
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	108
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	185
OREAS 904 (4 ACID) Cert	3.14	26.3	171
SBC-1 Meas	3.4	189	121
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.3	186	121
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.2	200	116
SBC-1 Cert	3.64	186	134.0
OREAS 45d (4-Acid) Meas	1.4	46	134
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	45	91.1
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	157
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		454	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		440	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.7	359	130
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 923 (4 Acid) Meas	2.7	350	134
OREAS 923 (4 Acid) Cert	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 923 (4 Acid) Meas	2.7	340	138
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.1	> 10000	174
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas	1.0	> 10000	168
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 520 (4 Acid) Meas	2.2	20	126
OREAS 520 (4 Acid) Cert	2.20	22.7	134
OREAS 522 (4 Acid) Meas	2.0	29	121
OREAS 522 (4 Acid) Cert	1.97	30.2	112
OREAS 522 (4 Acid) Meas	2.0	29	125
OREAS 522 (4 Acid) Cert	1.97	30.2	112
Oreas 77b (4 Acid Digest) Meas		180	48.4
Oreas 77b (4 Acid Digest) Cert		205	37.9
Oreas 77b (4 Acid Digest) Meas		183	42.0
Oreas 77b (4 Acid Digest) Cert		205	37.9
A705029 Orig	6.1	139	61.6
A705029 Dup	6.5	141	72.5
A705029 Orig		135	
A705029 Dup		138	
A705045 Orig	1.2	6170	76.8
A705045 Dup	1.2	6030	74.6
A705056 Orig	0.6	353	92.1
A705056 Dup	0.6	362	34.1
A705056 Orig		360	
Method Blank		< 2	
Method Blank	< 0.1	< 2	0.6
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-15071-Au**
Report Date: **04-Dec-19**
Date Submitted: **05-Nov-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2019-11-19 12:05:21

REPORT **A19-15071-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A705066	< 5
A705067	< 5
A705068	10
A705069	15
A705070	5
A705071	16
A705072	8
A705073	< 5
A705074	5
A705075	22

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2470
OREAS 254 Fire Assay Cert	2550
OREAS 217 (Fire Assay) Meas	339
OREAS 217 (Fire Assay) Cert	338
A705075 Orig	22
A705075 Dup	22
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-15071-TD**
Report Date: **04-Dec-19**
Date Submitted: **05-Nov-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

10 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-11-18 12:41:06

REPORT **A19-15071-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705066	0.05	6.78	< 0.2	60	0.62	0.03	5.03	0.09	13.4	45.4	75	0.53	74.0	12.2	19.1	0.52	1.8	0.088	0.20	4.6	6.3	3.39	1460
A705067	0.04	6.68	< 0.2	80	0.48	0.02	4.37	0.12	16.4	48.3	58	1.92	69.0	11.4	17.5	0.21	1.7	0.069	0.21	6.3	18.9	3.30	1550
A705068	0.12	3.34	< 0.2	60	0.18	0.91	3.48	0.73	3.91	22.4	163	0.33	135	4.76	6.70	0.19	0.5	0.050	0.27	1.5	9.3	2.91	701
A705069	0.40	2.50	< 0.2	20	0.88	0.21	1.27	2.53	15.8	7.0	44	1.21	162	10.8	7.80	0.19	0.1	0.392	0.15	6.7	5.8	1.24	498
A705070	0.41	2.90	< 0.2	120	0.40	0.11	1.00	1.28	12.3	2.1	34	0.31	169	7.16	7.65	0.13	< 0.1	0.275	0.20	5.8	5.1	0.46	732
A705071	0.27	3.24	< 0.2	40	0.42	0.94	0.18	0.28	12.6	5.4	39	1.07	165	12.5	16.2	0.20	1.5	0.560	0.14	6.0	3.3	1.43	677
A705072	0.19	2.79	< 0.2	10	1.64	1.31	1.02	0.09	14.4	20.7	47	0.33	313	12.8	17.6	0.18	1.4	0.501	0.13	6.3	4.2	1.59	934
A705073	0.12	0.38	< 0.2	20	0.40	0.27	0.55	0.08	3.01	2.1	15	0.13	100	6.78	2.98	0.16	0.2	0.233	0.04	1.5	0.2	0.27	249
A705074	0.25	5.25	< 0.2	250	1.62	0.74	1.36	< 0.02	7.05	4.6	94	1.15	293	7.90	19.6	0.17	1.6	0.212	0.99	3.5	9.6	1.04	572
A705075	0.56	4.28	< 0.2	170	0.63	2.28	0.12	0.04	8.32	5.9	44	0.71	359	9.49	17.2	0.24	2.5	0.264	1.74	4.4	9.4	0.78	428

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705066	0.27	2.45	0.9	55.8	420	2.1	3.4	< 0.002	0.14	< 0.05	41.8	< 1	0.3	109	< 0.05	< 0.05	0.6	0.549	0.03	0.1	300	< 0.1	29.3
A705067	0.13	2.63	0.1	68.3	370	2.1	6.3	< 0.002	0.06	< 0.05	37.9	< 1	< 0.2	146	< 0.05	< 0.05	0.6	0.242	0.07	0.2	232	< 0.1	27.6
A705068	3.93	0.45	1.1	72.8	220	1.2	11.1	0.008	0.09	< 0.05	14.5	< 1	0.3	32.1	< 0.05	0.47	< 0.2	0.237	0.07	< 0.1	97	0.1	7.2
A705069	0.59	0.05	2.3	8.2	260	15.0	5.3	< 0.002	0.11	< 0.05	4.0	2	3.9	5.1	< 0.05	0.25	1.1	0.106	0.07	0.2	19	1.7	7.6
A705070	1.00	0.41	1.0	3.2	1650	7.0	7.0	< 0.002	0.13	0.08	2.1	1	1.7	14.1	< 0.05	0.23	0.7	0.064	0.03	0.2	15	0.5	4.8
A705071	2.71	0.22	2.1	7.4	290	3.6	2.9	0.002	0.94	< 0.05	6.2	8	3.5	5.5	0.13	1.90	0.7	0.143	0.07	0.2	58	0.3	4.1
A705072	3.46	0.22	2.3	20.9	290	2.8	3.1	0.002	2.60	0.07	6.0	6	11.5	3.3	0.12	1.30	0.6	0.117	0.03	0.2	52	0.3	7.1
A705073	1.56	0.04	0.7	3.9	210	7.9	1.9	< 0.002	0.08	0.06	0.3	3	3.1	3.7	< 0.05	0.66	< 0.2	0.023	< 0.02	< 0.1	8	0.2	1.9
A705074	4.03	0.99	3.5	7.1	340	2.8	31.2	0.002	0.48	0.08	5.5	3	8.2	78.5	0.16	0.91	1.1	0.146	0.25	0.3	50	0.5	3.5
A705075	4.08	0.75	3.4	6.3	300	8.2	43.2	0.003	0.62	< 0.05	6.6	10	5.1	57.5	0.22	3.33	1.6	0.185	0.51	0.4	56	0.7	5.5

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705066	3.5	131	67.7
A705067	3.4	128	61.7
A705068	0.9	115	15.9
A705069	1.0	1080	11.2
A705070	0.6	551	3.4
A705071	0.7	162	66.1
A705072	1.2	124	59.0
A705073	0.2	85	9.9
A705074	0.6	39	63.5
A705075	0.8	27	105

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.98	< 0.2	660	2.81		1.05		86.8	16.7	47	4.37	30.3	3.93	19.5		1.0		2.03	41.7	35.0	0.88	905
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											153			9.62									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											213			9.12									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas									> 500	42.5			434	10.9					1.99	723		1.33	912
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas														9.68					2.53			1.19	889
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	44.2					85.6				111			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas				90			7.62			53.7	125		105	7.35	13.3					3.6	4.4		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas										52.6			99.2		13.1					3.8	4.5		
DNC-1a Cert										57			100		15					3.6	5.2		
OREAS 13b (4-Acid) Meas	0.92		44.5							69.7	8620		2210										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas	0.65	6.61	105	220	7.94	4.05	0.05		84.9	80.4	63	3.84	6560	6.90	15.9	0.23	0.8	0.177	3.13	42.7	15.4	0.60	464
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas		6.30		200			0.05				62			7.02					3.77			0.61	458
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas			27.0	300	3.08	0.67		0.33	95.7	20.0	97	8.51	29.5		23.9		3.3			47.4	161		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas				200							86												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		8.26	6.4	190	0.79	0.32	0.21		36.2	27.5	521	3.96	380	14.7	20.4		1.7	0.089	0.44	17.2	20.5	0.26	534
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		6.65		170			0.19				538			14.3					0.41			0.24	515
OREAS 45d (4-Acid) Cert		8.150		183.0			0.185				549			14.5					0.412			0.245	490.000
OREAS 96 (4 Acid) Meas	10.9					26.7				45.6			> 10000										
OREAS 96 (4	11.5					26.3				49.9			39300										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Acid) Cert																							
OREAS 96 (4 Acid) Meas	12.2					28.7				49.5			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas		7.10		150			0.53				76			6.91					2.82			1.88	995
OREAS 923 (4 Acid) Cert		7.29		434			0.473				71.0			6.43					2.51			1.69	950
OREAS 923 (4 Acid) Meas		6.81		190			0.51				75			6.67					1.53			1.83	923
OREAS 923 (4 Acid) Cert		7.29		434			0.473				71.0			6.43					2.51			1.69	950
OREAS 621 (4 Acid) Meas		4.99					2.03				45			3.58					1.97			0.48	586
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.27					3.65				26			23.8					3.56			1.18	3430
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
Oreas 77b (4 Acid Digest) Meas	1.50		1590		0.42	3.35		0.98	26.0	1300		2.45	3150		4.44		1.1	0.111		15.0	16.3		
Oreas 77b (4 Acid Digest) Cert	1.62		2050		0.470	3.44		1.20	27.7	1550		2.32	3430		4.61		1.15	0.112		15.8	18.8		
A705069 Orig	0.39	2.46	< 0.2	20	0.89	0.22	1.26	2.34	15.5	7.0	41	1.21	161	10.7	7.64	0.18	0.1	0.371	0.15	6.7	5.8	1.24	492
A705069 Dup	0.41	2.54	< 0.2	20	0.88	0.20	1.28	2.73	16.0	7.0	47	1.21	162	10.8	7.97	0.19	0.1	0.413	0.15	6.8	5.9	1.25	505
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.53	< 0.1	33.3	570	27.1	76.7			< 0.05	14.7		0.3	172	< 0.05		12.4	0.093	0.63	2.7	29	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.72														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.66														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas	18.9			8.3	1010	25.4											38.3	0.347		345	84		118
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas					1070													0.337			76		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						328			> 10.0	7.38		159	186										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas									> 10.0														
OREAS 98 (4 Acid) Cert									15.5														
DNC-1a Meas		1.29	1.6	250		6.5	2.9			0.74	29.4			150				0.252			148		14.3
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas			1.4	238		9.8	3.5			0.39	31.7			151									15.5
DNC-1a Cert			3	247		6.3	5			0.96	31			144									18.0
OREAS 13b (4-Acid) Meas	7.98			1930					1.15														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas	2.50	0.04		40.2	990	12.1	115		0.06	0.79	11.5	3	2.8	25.2	0.16		15.2		0.54	8.3	88	2.0	29.3
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas		0.03			1030				0.06												89		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas	2.12		15.2	78.7		38.1	128			0.93	19.3		3.5	173	1.04		15.8	0.492	0.90	5.4	224	1.5	27.8
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas																		0.471			214		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	0.26	0.10	0.3	221	360	22.8	40.3		0.04	< 0.05	50.5		0.5	29.8	< 0.05		15.0	0.192	0.25	2.6	119	< 0.1	10.2
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas		0.09			370				0.05									0.678			241		
OREAS 45d (4-Acid) Cert		0.101			420.000				0.049									0.773			235.0		
OREAS 96 (4 Acid) Meas						105			4.27	3.69		42	62.0										
OREAS 96 (4						101			4.19	5.09		40.7	65.6										

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Acid) Cert																							
OREAS 96 (4 Acid) Meas						112			4.35	3.72		44	67.0										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas		0.31			630				0.72									0.404			99		
OREAS 923 (4 Acid) Cert		0.324			630				0.691									0.405			91.0		
OREAS 923 (4 Acid) Meas		0.30			600				0.71									0.390			96		
OREAS 923 (4 Acid) Cert		0.324			630				0.691									0.405			91.0		
OREAS 621 (4 Acid) Meas		1.24			340				4.31									0.175			34		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.52			760				2.52									0.290			164		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
Oreas 77b (4 Acid Digest) Meas			3.2	> 10000		63.2	16.3	0.016		4.14	3.1		1.5	31.2	0.27	0.99	6.4		1.38	1.6		3.1	5.7
Oreas 77b (4 Acid Digest) Cert			3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61		1.37	1.71		3.07	6.55
A705069 Orig	0.62	0.05	2.3	8.3	250	14.8	5.2	< 0.002	0.11	0.06	3.9	2	3.8	4.7	< 0.05	0.23	1.1	0.105	0.07	0.2	20	1.8	7.4
A705069 Dup	0.56	0.06	2.3	8.2	260	15.1	5.3	< 0.002	0.11	< 0.05	4.0	2	4.0	5.5	< 0.05	0.27	1.2	0.107	0.07	0.3	19	1.6	7.8
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.4	95	32.8
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas	13.3		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1330	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1280	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	62	37.0
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0		38.8
DNC-1a Cert	2.0		38.0
OREAS 13b (4-Acid) Meas		119	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas	3.2	28	54.1
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas		29	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas	3.3	190	116
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas		190	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	46	65.9
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas		49	
OREAS 45d (4-Acid) Cert		45.7	
OREAS 96 (4 Acid) Meas		462	
OREAS 96 (4		457	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Acid) Cert			
OREAS 96 (4 Acid) Meas		463	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas		368	
OREAS 923 (4 Acid) Cert		345	
OREAS 923 (4 Acid) Meas		362	
OREAS 923 (4 Acid) Cert		345	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		30	
OREAS 522 (4 Acid) Cert		30.2	
Oreas 77b (4 Acid Digest) Meas			41.2
Oreas 77b (4 Acid Digest) Cert			37.9
A705069 Orig	1.0	1080	10.0
A705069 Dup	1.0	1070	12.4
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	

APPENDIX V

Soil Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11651-Au
Invoice Date: 10-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

25 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11651-Au**

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

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11651-Au
Invoice Date: 10-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

25 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11651-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704831	11
A704833	10
A704835	10
A704837	30
A704839	7
A704841	42
A704843	7
A704845	< 5
A704847	8
A704849	7
A704851	6
A704853	5
A704855	8
A704857	< 5
A704859	8
A704861	5
A704863	5
A704865	18
A704867	31
A704869	28
A704871	13
A704874	13
A704876	9
A704878	15
A704880	26

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1100
Oreas 221 (Fire Assay) Cert	1060
A704849 Orig	7
A704849 Dup	7
A704869 Orig	29
A704869 Dup	26
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11651-TD
Invoice Date: 25-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

25 Soil samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11651-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704831	0.04	5.65	1.9	560	0.62	0.26	1.02	0.24	42.6	4.5	68	1.87	15.9	3.59	16.6	< 0.05	0.2	0.025	1.06	19.1	15.5	0.54	253
A704833	0.05	5.31	2.2	530	0.78	0.21	0.97	0.19	22.4	3.5	54	1.27	14.9	2.51	12.9	0.06	3.8	0.026	1.13	10.8	10.7	0.43	201
A704835	0.03	7.06	1.6	430	0.87	0.19	1.00	0.42	25.6	5.2	81	1.24	21.4	4.55	12.1	0.20	2.5	0.035	0.98	12.4	14.5	0.49	205
A704837	0.09	5.43	3.6	470	0.65	0.38	0.96	0.29	31.0	6.8	66	3.88	31.7	6.18	21.5	0.10	1.8	0.035	1.12	15.7	10.7	0.64	408
A704839	0.03	6.33	0.5	550	0.77	0.18	0.97	0.20	24.1	3.7	51	1.40	18.1	2.77	12.1	0.06	2.8	0.032	1.08	12.1	13.5	0.43	214
A704841	0.05	5.34	0.5	530	0.64	0.27	1.45	0.20	24.9	5.5	51	1.96	18.2	3.97	17.0	0.11	2.5	0.031	1.08	12.5	8.3	0.68	445
A704843	0.03	5.31	2.7	590	0.62	0.22	1.02	0.14	28.0	3.2	48	1.20	23.2	2.60	13.7	0.08	3.1	0.014	1.28	13.9	8.7	0.43	224
A704845	0.04	5.58	2.0	530	0.66	0.26	1.05	0.29	25.2	4.2	57	1.62	20.5	4.21	17.1	0.13	2.5	0.037	1.11	12.3	11.0	0.52	226
A704847	0.04	5.81	1.2	540	0.72	0.21	1.38	0.26	28.4	6.2	82	1.74	16.4	3.64	13.8	< 0.05	0.9	0.031	1.01	13.3	12.7	0.76	321
A704849	0.07	5.55	0.6	560	0.85	0.21	1.20	0.20	33.9	7.2	51	1.54	15.2	2.33	14.1	< 0.05	3.5	0.021	1.09	15.9	14.0	0.56	359
A704851	0.06	5.78	1.1	570	0.85	0.22	1.21	0.12	26.8	5.2	50	1.55	7.2	3.28	18.1	< 0.05	3.0	0.025	1.28	13.0	13.6	0.59	268
A704853	0.05	5.87	< 0.2	690	0.74	0.17	1.26	0.07	29.4	4.8	47	2.03	8.0	2.00	12.6	< 0.05	3.5	0.020	1.45	14.5	13.2	0.57	267
A704855	0.06	5.85	1.0	610	0.79	0.20	1.36	0.11	30.2	5.9	61	1.87	16.7	2.84	14.3	0.05	3.0	0.018	1.20	14.7	14.8	0.59	285
A704857	0.09	5.94	< 0.2	660	0.86	0.17	1.41	0.07	28.5	5.5	46	1.85	6.9	1.99	12.7	0.08	3.5	0.017	1.49	14.2	14.8	0.61	273
A704859	0.12	6.09	2.1	560	0.88	0.22	1.22	0.20	41.7	7.6	63	1.45	8.7	3.88	17.0	0.15	3.2	0.028	1.31	15.6	14.3	0.58	312
A704861	0.15	5.55	3.3	460	1.27	0.19	0.99	0.20	31.7	4.5	49	2.07	11.8	3.21	16.0	0.17	0.2	0.044	1.05	14.6	20.0	0.46	255
A704863	0.07	5.13	2.7	490	0.92	0.18	0.97	0.20	35.8	4.2	48	1.82	17.6	2.72	15.0	0.21	1.8	0.030	1.13	16.2	17.7	0.41	208
A704865	0.68	5.46	2.3	440	0.94	0.26	1.01	0.24	37.2	12.3	52	2.61	34.2	4.11	17.1	0.19	2.7	0.045	1.13	17.5	18.1	0.52	337
A704867	0.34	5.01	2.0	490	0.81	0.23	1.42	0.12	26.1	6.6	55	1.28	10.7	3.43	15.5	0.21	1.7	0.035	1.12	12.1	11.1	0.67	403
A704869	0.34	4.75	2.2	340	0.89	0.51	1.23	0.25	34.1	10.9	45	1.61	46.1	6.79	17.9	0.32	0.3	0.079	0.93	15.7	16.2	0.60	464
A704871	0.22	4.65	3.9	470	0.63	0.31	1.09	0.16	33.8	5.2	51	1.53	13.3	3.89	18.5	0.20	< 0.1	0.040	1.04	15.8	13.6	0.56	341
A704874	0.47	5.22	2.0	510	0.92	0.19	1.06	0.13	32.3	4.4	49	2.00	19.0	2.89	15.8	0.19	3.9	0.046	1.05	15.3	16.1	0.46	210
A704876	0.14	5.32	3.3	420	0.92	0.20	1.04	0.29	34.1	5.2	52	1.81	23.8	3.43	13.3	0.22	1.6	0.054	1.17	14.9	14.0	0.54	269
A704878	0.19	4.48	2.3	420	0.63	0.20	0.88	0.24	30.7	3.3	49	1.13	19.7	2.93	14.6	0.21	0.4	0.044	0.98	14.6	9.9	0.38	226
A704880	0.95	3.71	2.4	230	0.72	0.16	0.86	2.11	53.8	5.6	44	0.53	186	1.74	8.41	0.39	0.7	0.100	0.58	31.9	8.3	0.40	202

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704831	0.91	1.43	0.2	12.0	220	18.2	37.7	< 0.002	0.03	< 0.05	6.3	< 1	0.7	174	< 0.05	< 0.05	11.3	0.423	0.28	1.6	95	< 0.1	7.7
A704833	0.14	1.60	< 0.1	10.1	300	16.0	36.8	< 0.002	0.03	< 0.05	4.6	< 1	< 0.2	176	< 0.05	< 0.05	3.8	0.159	0.20	1.1	50	< 0.1	5.5
A704835	0.48	1.37	< 0.1	15.3	420	15.5	32.4	< 0.002	0.06	< 0.05	6.4	1	0.5	171	< 0.05	< 0.05	3.9	0.188	0.19	1.1	62	< 0.1	6.6
A704837	0.13	0.88	< 0.1	11.9	660	24.0	42.5	< 0.002	0.05	< 0.05	9.3	< 1	0.3	117	< 0.05	< 0.05	4.8	0.136	0.30	1.8	73	< 0.1	11.1
A704839	0.06	1.52	< 0.1	10.4	330	16.4	36.5	< 0.002	0.04	< 0.05	5.4	< 1	< 0.2	170	< 0.05	< 0.05	4.2	0.074	0.20	1.1	27	< 0.1	5.9
A704841	0.10	1.58	< 0.1	10.4	260	17.8	42.7	< 0.002	0.03	< 0.05	9.1	< 1	< 0.2	169	< 0.05	< 0.05	3.4	0.102	0.23	1.1	43	< 0.1	8.3
A704843	0.05	1.60	< 0.1	9.1	230	16.9	40.1	< 0.002	0.03	< 0.05	4.8	< 1	< 0.2	177	< 0.05	< 0.05	4.0	0.097	0.20	1.2	29	< 0.1	6.3
A704845	0.09	1.55	< 0.1	11.8	440	20.8	39.2	< 0.002	0.05	< 0.05	5.8	< 1	< 0.2	188	< 0.05	< 0.05	4.0	0.137	0.22	1.3	61	< 0.1	6.5
A704847	0.09	1.76	< 0.1	14.9	260	14.9	35.8	< 0.002	0.03	< 0.05	6.8	< 1	< 0.2	216	< 0.05	< 0.05	3.7	0.203	0.24	1.1	53	< 0.1	6.9
A704849	0.17	1.82	< 0.1	15.8	230	16.3	38.6	< 0.002	0.02	< 0.05	6.2	< 1	< 0.2	240	< 0.05	< 0.05	4.0	0.149	0.28	1.2	43	< 0.1	8.1
A704851	< 0.05	1.71	< 0.1	14.9	270	16.5	44.4	< 0.002	0.03	< 0.05	6.3	< 1	< 0.2	222	< 0.05	< 0.05	3.5	0.066	0.27	1.2	35	< 0.1	7.2
A704853	< 0.05	1.97	< 0.1	13.6	120	15.6	47.1	< 0.002	0.01	< 0.05	6.1	< 1	< 0.2	233	< 0.05	< 0.05	3.9	0.058	0.30	1.1	17	< 0.1	6.8
A704855	0.05	1.87	< 0.1	17.4	230	16.3	43.1	< 0.002	0.02	< 0.05	6.1	< 1	< 0.2	227	< 0.05	< 0.05	3.9	0.074	0.25	1.1	31	< 0.1	7.4
A704857	< 0.05	2.02	< 0.1	13.7	100	14.5	48.7	< 0.002	< 0.01	< 0.05	5.9	< 1	< 0.2	250	< 0.05	< 0.05	3.6	0.064	0.27	1.1	17	< 0.1	7.1
A704859	0.09	1.81	< 0.1	16.5	590	19.2	45.2	< 0.002	0.04	< 0.05	6.2	< 1	< 0.2	233	< 0.05	< 0.05	4.7	0.156	0.27	1.4	51	< 0.1	7.7
A704861	0.63	1.38	0.6	12.6	410	22.6	44.2	< 0.002	0.04	< 0.05	6.6	2	0.6	239	< 0.05	< 0.05	5.4	0.284	0.37	1.4	64	< 0.1	7.6
A704863	0.14	1.42	0.2	12.9	370	21.5	41.0	< 0.002	0.04	< 0.05	6.0	2	< 0.2	228	< 0.05	< 0.05	5.4	0.146	0.34	1.5	39	< 0.1	7.9
A704865	0.13	1.25	0.1	18.6	470	17.3	41.4	< 0.002	0.04	< 0.05	7.9	2	< 0.2	201	< 0.05	< 0.05	5.7	0.090	0.38	1.4	41	< 0.1	10.9
A704867	0.09	1.66	0.1	16.6	360	17.5	39.5	< 0.002	0.02	< 0.05	8.2	1	< 0.2	262	< 0.05	< 0.05	3.7	0.082	0.29	1.2	35	< 0.1	9.0
A704869	0.41	1.01	0.2	16.4	920	23.6	37.9	< 0.002	0.06	< 0.05	10.8	2	0.6	145	< 0.05	< 0.05	4.9	0.181	0.28	1.5	66	0.1	15.9
A704871	0.78	1.29	0.5	12.7	770	22.1	39.6	< 0.002	0.02	< 0.05	7.5	1	0.5	213	< 0.05	< 0.05	4.8	0.372	0.31	1.5	101	< 0.1	9.8
A704874	0.78	1.62	0.8	12.7	230	19.8	41.1	< 0.002	0.02	< 0.05	5.4	1	0.9	260	0.06	< 0.05	4.3	0.292	0.38	1.2	69	0.2	7.3
A704876	0.29	1.35	0.4	13.4	470	19.1	39.3	< 0.002	0.05	< 0.05	7.1	2	0.3	231	< 0.05	< 0.05	5.6	0.153	0.32	1.4	51	0.1	9.2
A704878	0.09	1.21	0.2	8.9	230	18.5	33.0	< 0.002	0.04	< 0.05	6.1	2	0.3	187	< 0.05	< 0.05	4.9	0.190	0.27	1.5	45	< 0.1	8.0
A704880	1.07	0.81	2.0	18.4	700	15.7	17.4	< 0.002	0.08	0.17	7.7	3	1.9	136	0.05	< 0.05	4.4	0.193	0.24	2.0	48	0.8	16.7

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704831	1.0	44	26.5
A704833	0.7	39	145
A704835	0.7	37	90.2
A704837	1.4	63	68.8
A704839	0.7	32	106
A704841	1.0	52	94.8
A704843	0.8	32	116
A704845	0.7	44	95.0
A704847	0.8	46	61.7
A704849	0.9	43	131
A704851	0.8	37	121
A704853	0.8	42	134
A704855	0.9	36	120
A704857	0.8	47	134
A704859	0.9	39	120
A704861	0.9	47	25.6
A704863	0.9	39	85.8
A704865	1.2	96	107
A704867	1.1	58	79.6
A704869	1.8	122	27.5
A704871	1.2	82	5.7
A704874	0.9	255	163
A704876	1.1	62	93.8
A704878	1.0	62	39.2
A704880	1.3	131	31.6

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.32	< 0.2	640	2.90		1.00		93.0	18.6	40	3.97	31.4	4.42	19.2		1.1		1.60	42.2	36.9	0.99	852
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											144			8.38									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											170			9.86									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														9.71					1.61			1.18	903
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.3					1.81			1.26	953
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	48.4					90.1				137			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				110			7.51				130			6.99									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.95		53.6							78.0	9420		2170										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas		5.89		200			0.05				46			6.32					2.50			0.58	413
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
OREAS 904 (4 ACID) Meas		5.87		200			0.05				61			6.36					3.00			0.59	421
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas				870							101												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		7.13	12.2	180	0.76	0.36	0.19		37.1	29.9	556	3.80	391	13.2	23.3		3.9	0.092	0.40	16.5	23.0	0.24	496
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.05	13.1	180	0.79	0.34	0.18		34.6	30.6	573	3.62	389	13.5	23.3		4.6	0.084	0.41	15.0	23.7	0.24	498
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					27.7				48.3			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.8					27.3				50.9			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.59	6.79	4.8	440	2.25	18.2	0.49	0.28	84.0	21.8	76	6.18	3820	6.24	16.9		3.8	0.510	2.53	42.4	31.6	1.77	979
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	1.81	6.76	5.5	440	2.32	24.8	0.49	0.30	85.1	22.3	75	6.39	4090	6.14	19.1		3.9	0.502	2.49	42.9	32.9	1.75	966
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas		5.96					2.03				25			3.56					1.84			0.53	498
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 621 (4 Acid) Meas		6.79					2.27				28			4.03					1.79			0.59	567
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.46					3.37				33			21.5					2.61			1.09	3570
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
A704851 Orig	0.06	5.77	1.3	570	0.87	0.23	1.21	0.14	25.8	5.3	49	1.50	7.3	3.25	18.2	< 0.05	3.4	0.027	1.36	12.4	13.5	0.59	266
A704851 Dup	0.06	5.79	0.9	580	0.84	0.22	1.20	0.10	27.9	5.2	52	1.59	7.2	3.31	18.0	< 0.05	2.7	0.023	1.21	13.6	13.7	0.59	270
A704863 Orig	0.07	5.14	3.1	480	0.93	0.18	0.96	0.20	36.1	4.2	50	1.81	18.6	2.74	15.4	0.19	0.3	0.029	1.05	16.4	17.9	0.41	204
A704863 Dup	0.07	5.12	2.4	490	0.91	0.18	0.97	0.20	35.5	4.2	47	1.83	16.6	2.71	14.6	0.23	3.3	0.030	1.21	16.0	17.5	0.41	211
A704867 Orig	0.32	4.95	2.0	480	0.78	0.23	1.40	0.12	27.1	6.6	57	1.30	10.7	3.39	15.5	0.21	2.7	0.034	1.10	12.5	11.1	0.66	396
A704867 Dup	0.35	5.07	2.1	490	0.83	0.22	1.44	0.11	25.2	6.5	53	1.26	10.7	3.47	15.5	0.21	0.7	0.036	1.14	11.6	11.0	0.68	410
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.02		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.12	0.09	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.01		0.03	< 0.01	< 0.1		< 0.05	1.1		0.14	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	< 5
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.08	0.08	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.09	0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.46	< 0.1	34.4	520	27.2	96.4			< 0.05	15.1		< 0.2	188	< 0.05		12.4	0.118	0.65	3.0	42	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.49														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.73														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1060													0.319			74		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.336			78		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						327			> 10.0	11.0		163	206										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.55																0.274			146		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	9.79			2020					1.09														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas		0.04			940				0.06												79		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
OREAS 904 (4 ACID) Meas		0.04			1010				0.06												80		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas																		0.511			233		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	1.52	0.09	6.4	231	380	23.3	47.2		0.05	0.05	50.7		1.4	33.6	0.32		14.9	0.581	0.27	2.9	199	0.4	11.2
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	3.04	0.09	15.4	240	390	23.5	43.8		0.05	0.22	50.9		2.5	32.9	1.12		13.5	0.768	0.27	3.0	234	1.6	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						105			4.01	2.78		37	64.3										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						107			4.00	2.88		39	64.2										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.97	0.32	13.0	33.9	630	92.7	172		0.68	1.27	12.7	6	13.4	43.7	1.11		16.9	0.383	0.90	3.2	93	4.8	24.7
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	1.20	0.32	14.4	37.9	630	93.1	179		0.67	1.31	12.9	7	13.6	43.8	1.13		17.2	0.381	0.90	3.4	93	5.0	25.6
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas		1.30			360				4.36									0.173			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 621 (4 Acid) Meas		1.48			410				4.92									0.197			37		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.59			760				2.25									0.263			147		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
A704851 Orig	< 0.05	1.71	< 0.1	14.6	270	16.4	44.2	< 0.002	0.03	< 0.05	6.3	< 1	< 0.2	223	< 0.05	< 0.05	3.4	0.067	0.27	1.2	35	< 0.1	7.1
A704851 Dup	< 0.05	1.72	< 0.1	15.2	270	16.6	44.5	< 0.002	0.03	< 0.05	6.4	< 1	< 0.2	222	< 0.05	< 0.05	3.7	0.064	0.27	1.3	35	< 0.1	7.4
A704863 Orig	0.17	1.42	0.3	13.0	350	21.6	39.7	< 0.002	0.04	< 0.05	6.0	2	0.4	226	< 0.05	< 0.05	5.5	0.207	0.34	1.5	50	< 0.1	7.9
A704863 Dup	0.11	1.43	0.1	12.8	400	21.4	42.4	< 0.002	0.04	< 0.05	6.0	2	< 0.2	231	< 0.05	< 0.05	5.4	0.085	0.33	1.6	29	< 0.1	7.8
A704867 Orig	0.11	1.64	0.1	16.8	370	17.6	39.9	< 0.002	0.03	< 0.05	8.2	1	< 0.2	263	< 0.05	< 0.05	4.0	0.084	0.29	1.2	36	< 0.1	9.0
A704867 Dup	0.08	1.67	0.1	16.4	340	17.4	39.1	< 0.002	0.02	< 0.05	8.1	1	< 0.2	261	< 0.05	< 0.05	3.5	0.080	0.30	1.3	35	< 0.1	9.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.5	103	41.7
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1300	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas		65	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		135	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas		215	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	43	155
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	176
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		455	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.6	361	135
OREAS 923 (4 Acid) Cert	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 923 (4 Acid) Meas	2.7	346	140
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		30	
OREAS 522 (4 Acid) Cert		30.2	
A704851 Orig	0.8	37	134
A704851 Dup	0.9	38	109
A704863 Orig	1.0	40	35.9
A704863 Dup	0.9	38	136
A704867 Orig	1.1	57	114
A704867 Dup	1.1	59	45.0
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11655-Au
Invoice Date: 11-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

27 Humus samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11655-Au**

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

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11655-Au
Invoice Date: 11-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

27 Humus samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11655-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704830	7
A704832	17
A704834	11
A704836	20
A704838	12
A704840	13
A704842	< 5
A704844	6
A704846	9
A704848	< 5
A704850	< 5
A704852	< 5
A704854	10
A704856	26
A704858	6
A704860	< 5
A704862	12
A704864	10
A704866	104
A704868	< 5
A704870	< 5
A704872	12
A704873	< 5
A704875	< 5
A704877	12
A704879	10
A704881	14

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 222 (Fire Assay) Meas	1160
OREAS 222 (Fire Assay) Cert	1220
A704848 Orig	5
A704848 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11655-TD
Invoice Date: 24-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

27 Humus samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11655-TD**

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11655-TD
Invoice Date: 24-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

27 Humus samples were submitted for analysis.

The following analytical package(s) were requested:

1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11655-TD**

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704830	0.06	0.81	8.4	180	0.34	0.49	0.56	0.95	12.3	2.6	10	0.62	14.4	0.41	0.71	0.11	0.3	0.034	0.18	6.1	2.0	0.09	130
A704832	0.07	2.87	2.8	400	0.50	0.26	0.89	0.67	21.6	2.3	30	0.92	10.0	0.91	6.33	0.36	1.4	0.028	0.97	10.5	5.3	0.25	152
A704834	0.14	2.14	2.2	200	0.40	0.16	0.43	0.31	22.2	2.6	18	0.81	25.5	0.59	3.16	0.13	0.1	0.020	0.43	11.5	3.0	0.14	146
A704836	0.11	2.68	5.3	190	0.48	0.36	0.41	0.42	22.3	3.9	26	2.53	42.9	2.22	8.80	0.33	0.2	0.036	0.51	11.3	5.5	0.25	167
A704838	0.05	0.85	5.6	340	0.19	0.42	0.48	1.03	10.3	1.5	12	0.81	7.6	0.42	< 0.05	0.13	0.1	0.039	0.27	5.2	2.4	0.11	46
A704840	0.07	0.80	8.4	150	0.24	0.43	0.45	0.77	9.57	2.4	11	0.69	20.1	0.49	1.22	0.12	0.3	0.031	0.22	4.8	2.2	0.09	100
A704842	0.08	1.05	8.9	200	0.21	0.44	0.50	0.54	12.3	1.2	87	0.73	16.7	0.43	1.29	0.14	0.1	0.043	0.33	6.3	2.5	0.09	83
A704844	0.07	1.11	5.6	160	0.29	0.41	0.49	0.87	11.9	2.1	18	0.82	25.6	0.60	2.08	0.15	0.2	0.040	0.30	6.2	2.8	0.16	106
A704846	0.05	1.22	5.3	170	0.25	0.36	0.48	0.53	12.8	1.5	15	0.67	10.0	0.49	2.03	0.14	0.2	0.031	0.39	6.3	2.8	0.14	121
A704848	0.09	0.54	3.9	120	0.15	0.27	0.53	0.57	6.81	1.5	9	0.69	9.1	0.27	0.63	0.08	< 0.1	0.020	0.20	3.8	1.8	0.09	72
A704850	0.09	0.72	4.0	180	0.20	0.20	0.66	0.46	9.15	1.2	10	0.63	20.5	0.30	0.42	0.08	< 0.1	0.022	0.24	4.8	1.7	0.12	73
A704852	0.16	2.16	7.6	160	0.54	0.42	0.27	0.49	26.1	3.9	18	1.55	35.8	0.79	3.35	0.14	0.3	0.033	0.37	14.4	3.6	0.11	90
A704854	0.14	1.91	4.5	180	0.57	0.35	0.42	0.66	26.3	3.4	22	0.68	40.4	0.67	2.75	0.15	0.2	0.033	0.43	12.8	3.2	0.14	84
A704856	0.42	3.65	1.8	400	1.12	0.28	0.76	0.79	57.2	7.2	40	2.16	56.8	1.04	5.40	0.45	3.3	0.041	1.07	28.8	7.7	0.30	216
A704858	0.17	2.07	3.8	370	0.46	0.41	0.53	0.52	21.0	2.1	25	1.82	9.6	0.66	1.96	0.37	0.5	0.040	0.69	11.4	4.6	0.17	191
A704860	0.18	2.93	3.0	390	0.56	0.39	0.71	0.38	26.0	3.0	34	1.26	13.5	0.85	4.44	0.74	0.3	0.030	0.96	13.1	6.7	0.29	228
A704862	0.09	2.59	4.2	360	0.49	0.37	0.68	0.35	22.0	2.2	27	1.28	10.3	0.79	4.58	0.63	0.8	0.039	0.91	11.1	6.5	0.21	163
A704864	1.00	1.70	4.9	240	0.46	0.38	0.48	0.41	18.1	4.0	22	1.10	13.6	0.79	3.22	0.25	0.2	0.046	0.52	9.2	4.4	0.16	159
A704866	0.48	3.40	4.9	510	0.61	0.50	1.07	1.50	25.4	4.8	41	1.23	23.8	1.61	6.32	0.21	0.1	0.029	0.88	12.5	6.8	0.45	367
A704868	0.25	2.26	5.5	250	0.46	0.56	0.62	0.40	22.5	3.5	34	0.98	15.3	2.07	7.28	0.75	< 0.1	0.038	0.66	11.3	6.4	0.26	229
A704870	0.34	1.58	6.0	220	0.35	0.53	0.48	0.72	18.9	2.1	25	1.14	15.3	0.78	3.19	0.29	0.3	0.050	0.46	9.4	4.9	0.17	139
A704872	0.23	0.83	3.4	150	0.17	0.36	0.30	0.71	8.99	1.4	13	0.92	14.1	0.51	1.59	0.18	0.2	0.026	0.26	4.5	2.7	0.11	287
A704873	3.15	1.52	7.3	250	0.34	0.61	0.28	0.69	22.9	2.0	17	1.08	26.8	0.73	2.31	0.35	0.5	0.046	0.42	11.7	4.9	0.11	89
A704875	0.20	0.94	4.4	140	0.23	0.43	0.28	1.01	9.63	1.3	19	0.91	8.9	0.50	1.95	0.13	0.3	0.027	0.28	5.0	3.3	0.09	123
A704877	0.14	0.73	7.0	130	0.18	0.46	0.68	0.91	8.86	1.3	10	0.73	9.5	0.43	1.29	0.12	0.2	0.043	0.21	4.5	2.3	0.09	94
A704879	0.30	0.79	4.8	120	0.17	0.21	0.56	0.98	8.34	1.7	19	0.62	15.8	0.43	1.41	0.09	0.2	0.016	0.21	4.5	1.8	0.11	86
A704881	0.16	2.23	3.2	160	0.59	0.20	1.22	1.92	50.3	10.7	27	0.85	70.2	0.93	2.90	0.07	< 0.1	0.035	0.33	31.4	6.6	0.23	214

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704830	1.43	0.09	1.3	11.1	730	99.5	8.2	< 0.002	0.20	1.19	1.3	2	2.2	45.9	0.05	< 0.05	1.3	0.047	0.19	0.5	13	0.3	3.7
A704832	0.29	0.93	0.3	8.2	360	47.6	30.8	< 0.002	0.06	0.23	3.7	1	1.5	151	< 0.05	< 0.05	3.1	0.137	0.29	1.1	25	< 0.1	4.9
A704834	1.42	0.42	0.7	8.0	1120	28.5	14.8	< 0.002	0.22	0.30	3.6	1	0.4	69.1	< 0.05	< 0.05	1.9	0.095	0.16	1.1	20	0.2	6.0
A704836	1.65	0.34	0.8	10.2	950	33.3	28.4	< 0.002	0.12	0.70	5.5	2	2.1	57.1	< 0.05	0.06	3.0	0.198	0.29	1.4	51	0.6	8.2
A704838	0.99	0.15	1.1	6.3	600	87.3	11.0	< 0.002	0.14	1.16	1.2	1	1.5	58.1	< 0.05	0.06	1.4	0.070	0.20	0.5	14	0.3	3.4
A704840	1.33	0.10	1.5	6.6	840	92.0	9.8	< 0.002	0.19	1.09	1.6	2	2.4	33.1	0.06	< 0.05	1.2	0.056	0.24	0.5	16	0.4	3.3
A704842	1.20	0.24	1.1	7.3	600	85.1	12.6	< 0.002	0.15	1.14	1.4	2	1.4	51.0	< 0.05	< 0.05	1.8	0.092	0.22	0.7	16	0.3	3.8
A704844	1.29	0.20	1.8	8.1	760	84.5	14.3	< 0.002	0.14	0.95	2.5	2	1.8	41.9	< 0.05	0.06	1.8	0.110	0.18	0.8	23	0.4	3.9
A704846	1.33	0.31	1.4	8.0	630	75.9	14.3	< 0.002	0.15	0.96	1.6	1	1.3	62.4	0.06	< 0.05	2.1	0.101	0.17	0.6	19	0.3	3.5
A704848	1.03	0.08	0.9	6.3	730	56.0	9.1	< 0.002	0.19	0.72	0.7	1	1.2	38.0	0.06	< 0.05	0.9	0.041	0.15	0.4	10	0.2	1.9
A704850	0.68	0.18	0.8	7.0	510	49.8	11.4	< 0.002	0.14	0.50	0.9	1	0.5	66.7	< 0.05	< 0.05	1.3	0.057	0.14	0.4	10	0.2	2.5
A704852	1.37	0.23	2.2	14.6	1010	46.6	17.7	< 0.002	0.20	1.07	2.8	2	2.3	50.0	0.08	< 0.05	2.2	0.096	0.21	1.1	19	0.4	6.1
A704854	1.07	0.34	1.6	13.8	760	80.6	17.2	< 0.002	0.14	0.73	3.0	2	1.5	63.0	0.07	< 0.05	2.1	0.108	0.17	0.9	20	0.3	6.1
A704856	0.71	0.90	1.6	23.9	550	59.3	43.9	< 0.002	0.07	0.36	4.7	1	1.6	161	0.09	< 0.05	4.2	0.203	0.34	1.5	34	0.2	10.5
A704858	1.95	0.61	3.7	9.3	640	96.3	27.9	< 0.002	0.10	0.86	2.7	1	2.0	121	0.07	< 0.05	2.9	0.161	0.31	1.0	27	0.5	5.1
A704860	0.80	0.86	1.7	11.6	640	104	34.2	< 0.002	0.08	0.69	4.4	2	2.3	137	0.09	< 0.05	3.9	0.207	0.38	1.8	30	0.2	6.4
A704862	1.23	0.76	2.5	9.5	620	78.9	32.8	< 0.002	0.09	0.74	3.4	2	1.7	134	0.07	< 0.05	3.4	0.194	0.32	1.1	33	0.5	5.8
A704864	1.41	0.36	1.3	8.6	880	67.6	21.9	< 0.002	0.13	0.69	3.1	2	1.0	74.9	< 0.05	< 0.05	2.3	0.147	0.24	1.0	29	0.5	6.3
A704866	1.88	1.05	1.2	11.2	690	80.6	31.2	< 0.002	0.05	0.18	6.8	1	0.7	176	0.12	< 0.05	3.7	0.310	0.39	1.2	59	0.4	9.0
A704868	0.96	0.52	0.7	10.0	810	70.0	26.4	< 0.002	0.09	0.58	4.9	1	3.0	78.8	< 0.05	< 0.05	3.2	0.215	0.26	1.3	48	0.2	8.2
A704870	1.50	0.29	1.6	8.3	990	105	20.1	< 0.002	0.12	1.06	3.0	2	2.1	57.2	< 0.05	< 0.05	2.8	0.160	0.27	1.2	29	0.6	5.7
A704872	1.08	0.14	1.5	5.7	940	71.7	14.1	< 0.002	0.13	0.76	1.8	2	1.9	31.7	0.07	< 0.05	1.3	0.101	0.21	0.8	18	0.3	3.5
A704873	1.81	0.25	2.5	8.3	920	109	19.3	< 0.002	0.11	1.49	2.8	2	3.3	50.7	0.13	0.06	2.8	0.127	0.36	1.0	25	0.6	5.4
A704875	1.47	0.14	2.1	6.9	790	79.0	13.2	< 0.002	0.16	1.17	1.4	2	3.4	47.6	0.09	< 0.05	1.6	0.077	0.35	0.6	19	0.5	3.2
A704877	1.14	0.10	1.8	6.9	820	104	9.8	< 0.002	0.21	1.02	1.3	2	2.5	41.6	0.09	< 0.05	1.3	0.053	0.22	0.5	14	0.3	3.2
A704879	0.95	0.18	1.2	6.8	700	37.3	8.9	< 0.002	0.19	0.55	1.6	2	4.7	45.3	0.05	< 0.05	1.0	0.057	0.17	0.4	12	0.3	2.9
A704881	1.17	0.31	1.9	17.2	1190	37.5	12.8	0.003	0.43	0.34	4.8	2	1.0	65.2	< 0.05	< 0.05	2.9	0.085	0.27	1.4	27	0.3	14.5

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704830	0.4	39	12.6
A704832	0.6	51	74.1
A704834	0.6	22	6.5
A704836	1.0	43	12.0
A704838	0.4	42	6.2
A704840	0.3	47	10.7
A704842	0.4	37	8.1
A704844	0.4	83	11.9
A704846	0.4	38	9.3
A704848	0.2	40	2.4
A704850	0.3	28	1.3
A704852	0.6	21	15.3
A704854	0.6	36	10.9
A704856	1.0	45	130
A704858	0.6	30	25.3
A704860	0.8	41	23.4
A704862	0.7	39	55.6
A704864	0.7	53	13.3
A704866	1.1	110	17.9
A704868	1.0	74	7.4
A704870	0.7	67	17.8
A704872	0.4	71	11.1
A704873	0.6	91	28.5
A704875	0.4	68	13.8
A704877	0.3	104	9.0
A704879	0.3	140	7.9
A704881	1.2	173	8.7

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.32	< 0.2	640	2.90		1.00		93.0	18.6	40	3.97	31.4	4.42	19.2		1.1		1.60	42.2	36.9	0.99	852
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											144			8.38									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											170			9.86									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														9.71					1.61			1.18	903
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.3					1.81			1.26	953
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	48.4					90.1				137			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				110			7.51				130			6.99									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.95		53.6							78.0	9420		2170										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas		5.89		200			0.05				46			6.32					2.50			0.58	413
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
OREAS 904 (4 ACID) Meas		5.87		200			0.05				61			6.36					3.00			0.59	421
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas				870							101												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		7.13	12.2	180	0.76	0.36	0.19		37.1	29.9	556	3.80	391	13.2	23.3		3.9	0.092	0.40	16.5	23.0	0.24	496
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.05	13.1	180	0.79	0.34	0.18		34.6	30.6	573	3.62	389	13.5	23.3		4.6	0.084	0.41	15.0	23.7	0.24	498
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					27.7				48.3			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.8					27.3				50.9			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.59	6.79	4.8	440	2.25	18.2	0.49	0.28	84.0	21.8	76	6.18	3820	6.24	16.9		3.8	0.510	2.53	42.4	31.6	1.77	979
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	1.81	6.76	5.5	440	2.32	24.8	0.49	0.30	85.1	22.3	75	6.39	4090	6.14	19.1		3.9	0.502	2.49	42.9	32.9	1.75	966
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas		5.96					2.03				25			3.56					1.84			0.53	498
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 621 (4 Acid) Meas		6.79					2.27				28			4.03					1.79			0.59	567
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.46					3.37				33			21.5					2.61			1.09	3570
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
A704844 Orig	0.06	1.12	5.5	160	0.27	0.39	0.49	0.79	11.3	2.0	17	0.77	23.5	0.60	2.06	0.14	0.1	0.040	0.30	5.9	2.7	0.17	94
A704844 Dup	0.07	1.10	5.7	160	0.30	0.42	0.50	0.94	12.6	2.2	19	0.86	27.7	0.61	2.10	0.16	0.2	0.040	0.30	6.5	2.9	0.16	118
A704868 Orig	0.25	2.24	5.5	240	0.45	0.57	0.60	0.45	20.2	3.4	40	0.99	15.2	2.06	7.16	0.82	0.2	0.041	0.66	10.1	6.4	0.26	227
A704868 Dup	0.26	2.28	5.4	250	0.46	0.56	0.64	0.35	24.9	3.6	29	0.98	15.4	2.09	7.41	0.68	< 0.1	0.034	0.67	12.5	6.3	0.27	230
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.02		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.12	0.09	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.01		0.03	< 0.01	< 0.1		< 0.05	1.1		0.14	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	< 5
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.08	0.08	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.09	0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.46	< 0.1	34.4	520	27.2	96.4			< 0.05	15.1		< 0.2	188	< 0.05		12.4	0.118	0.65	3.0	42	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.49														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.73														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1060													0.319			74		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.336			78		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						327			> 10.0	11.0		163	206										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.55																0.274			146		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	9.79			2020					1.09														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas		0.04			940				0.06												79		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
OREAS 904 (4 ACID) Meas		0.04			1010				0.06												80		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas																		0.511			233		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	1.52	0.09	6.4	231	380	23.3	47.2		0.05	0.05	50.7		1.4	33.6	0.32		14.9	0.581	0.27	2.9	199	0.4	11.2
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	3.04	0.09	15.4	240	390	23.5	43.8		0.05	0.22	50.9		2.5	32.9	1.12		13.5	0.768	0.27	3.0	234	1.6	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						105			4.01	2.78		37	64.3										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						107			4.00	2.88		39	64.2										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.97	0.32	13.0	33.9	630	92.7	172		0.68	1.27	12.7	6	13.4	43.7	1.11		16.9	0.383	0.90	3.2	93	4.8	24.7
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	1.20	0.32	14.4	37.9	630	93.1	179		0.67	1.31	12.9	7	13.6	43.8	1.13		17.2	0.381	0.90	3.4	93	5.0	25.6
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas		1.30			360				4.36									0.173			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 621 (4 Acid) Meas		1.48			410				4.92									0.197			37		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.59			760				2.25									0.263			147		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
A704844 Orig	1.25	0.20	1.7	8.1	750	82.5	13.9	< 0.002	0.14	0.92	2.4	1	1.9	40.9	< 0.05	0.06	1.7	0.108	0.17	0.7	23	0.4	3.7
A704844 Dup	1.33	0.21	1.9	8.1	780	86.4	14.8	< 0.002	0.14	0.98	2.6	2	1.8	42.9	0.07	0.05	1.9	0.111	0.20	0.8	23	0.4	4.1
A704868 Orig	1.12	0.51	0.9	9.5	800	70.4	25.9	< 0.002	0.08	0.64	4.7	1	3.0	74.5	< 0.05	< 0.05	2.8	0.219	0.27	1.3	51	0.3	7.9
A704868 Dup	0.81	0.54	0.5	10.6	820	69.5	26.9	< 0.002	0.09	0.52	5.1	1	3.0	83.1	< 0.05	< 0.05	3.7	0.212	0.25	1.3	46	0.1	8.6
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.5	103	41.7
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1300	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas		65	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		135	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas		215	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	43	155
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	176
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		455	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.6	361	135
OREAS 923 (4 Acid) Cert	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 923 (4 Acid) Meas	2.7	346	140
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		30	
OREAS 522 (4 Acid) Cert		30.2	
A704844 Orig	0.4	84	11.0
A704844 Dup	0.4	83	12.8
A704868 Orig	1.0	75	10.0
A704868 Dup	1.0	73	4.8
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14425-Au**
Report Date: **06-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

75 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2019-11-05 11:59:15

REPORT **A19-14425-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A705201	14
A705203	16
A705205	14
A705207	41
A705208	15
A705210	16
A705211	13
A705212	15
A705214	13
A705216	9
A705218	13
A705220	13
A705222	15
A705224	16
A705225	40
A705226	21
A705228	20
A705229	20
A705231	18
A705233	20
A705235	18
A705237	24
A705238	19
A705239	18
A705240	19
A705242	17
A705243	16
A705245	21
A705246	18
A705247	12
A705248	15
A705250	17
A705252	23
A705254	21
A705255	17
A705257	6
A705258	6
A705259	92
A705260	8
A705262	6
A705263	15
A705265	5
A705267	< 5
A705269	9
A705270	< 5
A705271	< 5
A705272	< 5
A705274	6
A705276	19
A705278	9
A705280	13

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A705282	11
A705284	23
A705285	20
A705287	8
A705289	11
A705291	14
A705293	11
A705295	12
A705297	10
A705299	15
A705300	14
A705301	14
A705303	16
A705305	13
A705307	20
A705309	10
A705310	24
A705311	14
A705312	21
A705314	16
A705316	15
A705318	12
A705320	10
A705322	12

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2410
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2430
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2560
OREAS 254 Fire Assay Cert	2550
OREAS 217 (Fire Assay) Meas	335
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	342
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	332
OREAS 217 (Fire Assay) Cert	338
A705216 Orig	9
A705216 Dup	8
A705220 Orig	12
A705220 Dup	13
A705233 Orig	21
A705233 Dup	18
A705247 Orig	15
A705247 Dup	9
A705250 Orig	18
A705250 Dup	16
A705270 Orig	10
A705270 Dup	< 5
A705278 Orig	9
A705278 Split PREP DUP	16
A705285 Orig	16
A705285 Dup	23
A705303 Orig	18
A705303 Dup	14
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14425-TD**
Report Date: **15-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

75 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-11-08 15:23:21

REPORT **A19-14425-TD**

Notes:

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705201	0.37	2.55	3.6	370	0.55	0.32	0.97	1.55	16.9	4.6	22	1.08	13.9	0.88	6.54	0.19	0.7	0.036	0.71	8.7	4.1	0.24	190
A705203	0.14	1.77	5.3	240	0.41	0.51	0.50	0.39	15.6	1.9	29	1.18	12.8	0.68	4.89	0.29	0.3	0.038	0.49	8.4	5.4	0.13	120
A705205	0.13	1.32	6.3	240	0.33	0.43	0.34	0.77	16.6	1.9	13	0.81	10.1	0.50	3.46	0.09	0.2	0.046	0.35	8.6	3.3	0.08	119
A705207	0.06	1.46	4.2	130	0.33	0.35	0.57	0.68	11.1	3.2	17	0.90	7.8	1.42	6.03	0.36	0.7	0.039	0.27	5.6	3.2	0.30	234
A705208	0.23	1.56	4.7	200	0.27	0.34	0.83	0.66	15.1	3.4	11	0.99	16.3	0.79	3.56	< 0.05	0.6	0.035	0.43	7.5	3.5	0.15	124
A705210	0.15	0.49	3.7	90	0.12	0.24	0.71	0.72	5.73	1.7	7	0.30	13.9	0.27	1.00	< 0.05	0.1	0.014	0.14	2.9	1.1	0.06	58
A705211	0.24	1.99	7.9	170	0.35	0.33	0.81	0.62	14.2	5.2	34	1.13	18.9	1.15	4.75	0.21	0.5	0.032	0.35	7.0	2.7	0.43	194
A705212	0.09	1.03	4.7	180	0.20	0.36	0.35	0.71	10.9	1.4	13	1.31	9.3	0.46	2.22	< 0.05	0.2	0.022	0.29	5.7	2.1	0.10	93
A705214	0.68	0.58	5.3	150	0.17	0.32	0.44	0.33	7.30	1.3	5	0.58	8.2	0.28	1.27	< 0.05	< 0.1	0.027	0.18	3.7	1.6	0.06	66
A705216	0.14	0.81	3.0	100	0.32	0.29	0.40	1.11	5.61	1.0	8	0.71	11.8	0.32	2.06	< 0.05	0.1	0.009	0.20	2.9	1.9	0.07	73
A705218	0.14	1.05	3.1	160	0.26	0.25	0.29	0.66	9.09	1.5	10	1.21	10.0	0.49	2.36	0.19	0.3	0.011	0.34	4.7	3.4	0.10	119
A705220	0.15	2.57	4.9	300	0.50	0.26	0.78	0.68	13.8	2.1	18	0.99	9.5	0.92	5.89	0.10	0.6	0.025	0.69	6.5	4.2	0.20	277
A705222	0.26	3.00	2.2	400	0.47	0.26	0.82	0.42	21.8	2.8	30	1.62	9.0	0.93	6.39	0.72	0.8	0.021	0.93	10.7	5.1	0.32	322
A705224	0.28	0.67	4.3	130	0.20	0.37	0.93	0.69	9.11	3.3	9	0.69	15.3	0.37	1.57	0.06	< 0.1	0.035	0.21	5.4	1.9	0.09	79
A705225	1.49	2.12	5.9	290	0.47	0.50	0.54	0.38	21.2	2.5	20	1.17	13.7	1.06	4.81	0.82	0.5	0.040	0.57	10.6	5.7	0.19	187
A705226	0.26	0.80	5.8	120	0.19	0.34	0.34	0.58	7.39	1.5	9	0.73	8.8	0.53	2.25	0.12	0.2	0.025	0.27	3.7	2.2	0.11	207
A705228	0.19	2.36	3.3	320	0.47	0.55	0.69	0.82	21.2	2.8	22	1.43	12.8	0.84	5.83	0.69	0.6	0.034	0.70	10.8	5.4	0.19	306
A705229	0.36	1.99	5.7	270	0.44	0.37	0.87	0.61	14.3	2.4	17	1.22	12.7	1.17	4.93	0.07	0.5	0.033	0.55	7.0	4.0	0.20	204
A705231	0.12	1.56	7.3	210	0.36	0.73	0.47	1.08	17.0	2.2	15	0.98	12.6	0.77	3.86	0.23	0.3	0.048	0.45	9.1	4.4	0.13	112
A705233	0.18	1.30	6.9	190	0.26	0.40	0.33	0.58	13.7	1.3	12	0.80	13.2	0.52	3.03	< 0.05	0.6	0.036	0.34	6.9	2.9	0.08	69
A705235	0.17	1.86	5.1	230	0.34	0.36	0.69	0.46	12.7	2.0	16	1.15	10.0	0.81	4.52	0.13	0.6	0.024	0.51	6.4	3.7	0.16	113
A705237	0.18	2.91	1.5	210	0.72	0.17	1.40	1.47	51.0	5.0	22	1.25	59.3	0.95	6.10	< 0.05	0.7	0.033	0.59	32.7	8.1	0.31	159
A705238	0.16	0.82	5.3	150	0.16	0.30	0.44	0.71	11.9	3.8	11	0.83	17.0	0.45	1.84	< 0.05	0.2	0.021	0.21	7.3	2.0	0.08	69
A705239	0.10	1.46	6.2	200	0.40	0.41	0.50	0.78	16.8	4.8	13	1.03	10.8	0.64	3.05	0.06	0.5	0.026	0.35	8.3	2.9	0.11	68
A705240	0.11	0.92	7.4	140	0.19	0.38	0.49	0.47	8.83	2.0	12	1.03	13.6	0.56	2.60	0.07	0.3	0.030	0.24	4.5	2.3	0.12	75
A705242	0.10	1.00	6.8	150	0.20	0.47	0.40	1.15	10.7	1.7	11	0.84	10.5	0.48	2.37	0.11	0.2	0.025	0.29	5.6	2.8	0.08	123
A705243	0.09	0.83	4.7	110	0.15	0.39	0.37	0.83	8.34	1.3	11	1.03	11.8	0.42	2.22	0.07	0.2	0.027	0.26	4.2	2.6	0.10	84
A705245	0.06	1.58	4.6	180	0.30	0.43	0.52	1.22	14.1	3.8	13	1.30	15.4	1.38	5.03	0.25	0.3	0.043	0.36	7.0	3.5	0.23	203
A705246	0.48	3.41	7.8	210	1.42	0.38	1.41	1.92	91.7	169	38	1.80	55.0	4.66	8.16	< 0.05	0.5	0.084	0.28	33.5	6.4	0.21	7860
A705247	0.13	1.37	6.6	120	0.19	0.31	0.21	0.71	16.7	2.9	11	0.95	15.4	0.91	3.43	0.08	0.4	0.025	0.24	8.3	2.7	0.10	84
A705248	0.30	1.37	5.9	510	0.39	0.38	1.03	1.22	11.5	3.3	12	1.18	31.2	0.81	1.91	0.13	0.3	0.039	0.40	5.9	3.1	0.19	867
A705250	1.83	1.46	4.5	250	0.27	0.42	0.79	0.43	12.9	2.2	13	1.03	13.9	0.72	3.13	0.14	0.5	0.030	0.43	6.5	3.6	0.15	132
A705252	0.70	2.12	3.3	320	0.44	0.60	0.97	0.79	18.7	3.1	53	1.52	17.3	1.25	5.62	0.52	1.0	0.089	0.63	9.3	4.9	0.18	831
A705254	1.14	1.10	5.0	190	0.21	0.42	0.50	0.62	10.6	1.6	11	0.70	8.5	0.58	2.54	0.06	0.4	0.030	0.36	5.1	3.6	0.11	91
A705255	0.56	0.87	5.4	220	0.25	0.37	0.80	1.26	8.78	1.7	10	0.73	10.9	0.52	1.62	0.05	0.2	0.021	0.24	5.0	2.1	0.08	158
A705257	0.10	0.81	5.5	110	0.14	0.36	0.33	1.00	7.41	1.9	10	0.87	12.2	0.57	2.14	0.07	0.3	0.023	0.21	3.5	1.9	0.09	146
A705258	0.05	0.63	8.2	110	0.11	0.25	0.30	0.71	7.15	1.4	6	0.36	5.8	0.50	1.64	0.06	0.2	0.015	0.14	3.4	1.2	0.08	117
A705259	0.33	3.71	2.9	250	0.73	0.98	1.89	2.73	27.4	8.7	18	2.03	33.3	4.82	11.1	0.17	0.9	0.066	0.64	13.8	6.5	0.48	1180
A705260	0.27	1.40	4.7	240	0.27	0.27	0.77	0.54	9.54	2.3	23	1.05	10.9	0.60	2.77	0.07	0.3	0.019	0.42	4.5	3.0	0.25	162
A705262	0.06	0.57	4.5	100	0.07	0.28	0.29	0.84	6.03	1.0	7	0.47	8.4	0.32	1.40	< 0.05	< 0.1	0.019	0.17	3.0	1.5	0.07	47
A705263	0.10	1.11	4.1	140	0.29	0.36	0.35	1.01	10.5	1.5	13	0.87	10.2	0.57	2.65	0.09	0.3	0.013	0.34	5.2	3.1	0.12	95
A705265	0.17	0.92	4.9	140	0.19	0.44	0.39	0.39	10.3	1.1	12	0.66	9.2	0.48	2.33	0.09	0.2	0.018	0.27	4.9	2.7	0.09	126
A705267	0.06	1.69	7.3	330	0.35	0.57	0.59	1.08	14.9	1.8	18	1.65	10.7	0.67	3.85	0.16	0.4	0.032	0.51	7.5	4.4	0.13	230
A705269	0.41	2.27	4.0	210	0.38	0.49	0.76	0.54	18.0	2.7	26	1.53	15.0	0.90	6.09	0.29	1.1	0.033	0.49	9.1	5.4	0.20	140
A705270	0.76	3.96	3.3	370	0.94	0.32	1.43	5.91	89.0	14.3	33	3.00	144	1.73	6.46	< 0.05	0.4	0.052	0.93	45.2	11.4	0.32	2890
A705271	0.47	3.47	4.2	350	1.16	0.35	2.15	2.99	100	11.2	26	3.91	103	1.67	5.25	< 0.05	< 0.1	0.042	0.70	86.9	10.5	0.37	3660
A705272	0.55	2.24	3.8	420	0.49	0.29	0.78	1.09	17.3	2.1	18	1.54	20.2	0.70	3.78	0.22	0.3	0.028	0.76	8.7	4.9	0.18	245
A705274	0.44	1.40	1.8	220	0.29	0.21	0.83	0.74	10.3	3.8	13	1.67	12.8	0.54	2.78	0.11	0.2	0.013	0.51	5.3	3.5	0.14	426
A705276	2.21	2.05	4.0	250	0.39	0.30	0.48	0.53	15.7	2.2	21	1.73	9.6	1.85	4.54	0.32	0.4	0.023	0.73	7.7	4.3	0.18	307
A705278	0.62	2.02	3.4	280	0.40	0.31	0.73	0.50	15.6	2.4	22	0.97	11.9	0.76	4.37	0.24	1.2	0.023	0.62	7.5	4.1	0.19	205
A705280	0.12	2.03	6.0	180	0.32	0.72	0.60	0.56	17.2	3.3	23	1.00	19.2	2.37	7.69	0.75	0.4	0.037	0.42	8.4	4.8	0.31	290

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705282	0.68	1.13	5.1	220	0.10	0.30	0.48	1.14	10.8	1.6	11	0.83	8.2	0.38	2.36	0.07	0.1	0.028	0.33	5.4	2.2	0.08	139
A705284	0.84	0.84	6.2	150	0.14	0.43	0.30	0.61	10.0	1.1	7	0.87	6.1	0.41	1.91	< 0.05	< 0.1	0.029	0.26	4.9	2.1	0.08	165
A705285	0.08	0.73	7.1	110	0.17	0.46	0.24	0.59	8.86	1.9	11	0.82	15.7	0.39	1.98	< 0.05	0.2	0.029	0.19	4.7	1.9	0.10	70
A705287	0.07	1.79	6.6	260	0.44	0.38	0.84	0.72	11.3	2.2	30	1.14	7.9	0.87	3.89	0.07	0.4	0.030	0.50	5.6	3.6	0.22	298
A705289	0.17	1.60	5.1	290	0.47	0.34	0.56	0.55	16.7	3.3	14	1.02	12.7	0.56	2.93	0.06	0.4	0.023	0.46	8.6	3.4	0.14	69
A705291	0.30	2.29	4.2	240	0.58	0.36	0.44	0.43	29.2	3.9	17	1.47	23.7	0.82	4.19	0.08	0.3	0.027	0.57	13.6	4.8	0.15	125
A705293	0.22	1.60	2.4	270	0.39	0.30	0.81	0.66	13.9	2.7	14	1.41	12.9	0.58	3.25	0.12	0.6	0.029	0.45	7.9	3.5	0.14	151
A705295	0.11	1.18	5.2	260	0.24	0.41	0.78	0.68	12.0	1.7	14	1.10	11.2	0.57	2.10	0.07	0.3	0.023	0.37	5.9	2.9	0.17	316
A705297	0.13	1.89	4.2	270	0.32	0.31	0.85	0.64	15.2	1.5	20	0.94	9.9	0.60	4.63	0.17	0.3	0.019	0.55	7.3	3.3	0.15	160
A705299	0.13	1.78	3.3	90	0.17	0.40	1.03	0.37	10.6	5.0	18	0.78	7.7	2.07	7.24	0.29	0.4	0.047	0.22	4.9	3.7	0.42	526
A705300	0.07	0.70	2.8	110	0.11	0.30	0.28	0.30	6.29	0.9	8	0.56	7.2	0.37	1.57	0.11	0.2	0.011	0.24	3.2	2.1	0.07	75
A705301	0.14	2.57	3.1	300	0.41	0.27	0.67	0.37	18.3	1.8	22	0.95	7.6	0.94	6.19	0.46	0.6	0.018	0.78	8.8	4.9	0.20	180
A705303	0.31	1.72	4.8	230	0.60	0.31	0.42	0.50	24.0	3.1	16	1.04	14.6	0.71	3.55	0.07	0.3	0.024	0.38	11.2	2.8	0.12	89
A705305	0.17	2.00	7.0	230	0.43	0.53	0.99	0.60	15.5	3.8	21	1.48	11.5	1.47	5.49	0.13	0.4	0.041	0.44	9.0	5.3	0.33	177
A705307	0.20	0.87	4.6	130	0.21	0.31	0.71	0.55	10.4	2.1	16	0.62	15.9	0.49	1.98	0.06	0.2	0.018	0.21	5.6	2.2	0.11	91
A705309	0.07	1.71	5.2	140	0.25	0.23	0.63	0.47	11.0	3.3	27	0.66	28.8	1.30	4.71	0.08	0.6	0.023	0.30	5.2	2.9	0.27	226
A705310	0.10	4.81	1.8	450	0.80	0.20	1.44	0.46	32.9	6.0	42	1.43	31.0	1.61	10.8	0.22	3.1	0.032	1.15	17.1	9.2	0.55	288
A705311	0.05	0.40	3.6	120	0.05	0.19	0.42	0.77	3.87	1.6	4	0.47	13.9	0.26	0.72	< 0.05	< 0.1	0.010	0.14	1.9	1.1	0.10	220
A705312	0.07	1.12	3.2	180	0.21	0.33	0.67	0.43	9.80	1.5	12	1.46	10.7	0.62	2.69	0.10	0.4	0.022	0.36	4.9	2.7	0.14	133
A705314	0.04	1.63	8.7	210	0.35	0.50	0.48	1.06	15.9	2.3	16	1.21	14.0	0.93	4.99	0.20	0.5	0.032	0.41	7.7	3.8	0.18	125
A705316	0.04	0.35	2.2	80	0.09	0.20	0.33	0.62	4.24	1.1	7	0.51	7.8	0.23	0.89	< 0.05	0.1	0.009	0.14	2.3	1.1	0.06	75
A705318	0.05	0.72	5.4	100	0.24	0.36	0.42	0.78	7.69	1.2	10	0.89	9.4	0.39	1.69	0.06	0.1	0.026	0.22	3.9	2.0	0.11	85
A705320	0.07	0.85	5.5	140	0.15	0.33	0.45	0.40	8.12	1.8	11	0.91	7.2	0.49	2.27	< 0.05	0.2	0.021	0.21	4.0	1.9	0.12	81
A705322	0.09	0.76	3.6	120	0.26	0.28	0.43	0.38	7.24	1.3	8	0.67	11.7	0.37	1.71	0.07	< 0.1	0.027	0.22	3.6	2.2	0.08	79

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705201	0.79	0.77	2.6	7.6	630	59.3	21.9	< 0.002	0.11	0.71	4.0	< 1	1.5	156	0.11	< 0.05	2.4	0.175	0.26	0.8	30	0.4	5.1
A705203	1.73	0.36	1.8	8.4	880	104	18.3	< 0.002	0.10	1.21	3.1	1	2.5	83.6	0.09	< 0.05	2.4	0.136	0.33	0.9	26	0.5	4.8
A705205	1.13	0.25	1.6	9.1	620	94.3	12.6	< 0.002	0.11	0.84	2.0	1	1.4	53.7	< 0.05	< 0.05	2.3	0.133	0.22	0.8	18	0.4	5.2
A705207	0.81	0.27	1.3	7.8	680	59.3	10.8	< 0.002	0.10	0.72	4.7	< 1	1.9	58.6	0.05	< 0.05	1.6	0.254	0.14	0.6	49	0.2	6.1
A705208	1.74	0.34	2.5	7.2	700	74.0	16.7	< 0.002	0.17	0.97	2.6	< 1	1.8	65.3	0.13	0.05	1.9	0.109	0.24	0.6	22	0.3	5.0
A705210	1.11	0.06	1.0	7.9	620	53.6	5.8	< 0.002	0.16	0.65	0.9	< 1	1.1	29.0	< 0.05	< 0.05	0.7	0.029	0.09	0.3	8	0.1	2.1
A705211	0.97	0.53	2.7	12.2	770	57.6	15.7	< 0.002	0.11	0.86	6.4	< 1	1.4	58.8	0.07	0.06	2.3	0.197	0.16	0.7	41	0.5	5.6
A705212	0.95	0.20	1.6	6.7	630	72.9	14.8	< 0.002	0.13	0.92	1.5	< 1	1.9	54.5	0.10	< 0.05	1.4	0.073	0.14	0.5	15	0.2	3.2
A705214	0.84	0.07	0.7	5.5	580	67.1	8.4	< 0.002	0.12	0.88	1.2	< 1	1.4	27.9	< 0.05	< 0.05	0.9	0.040	0.14	0.4	9	0.2	2.5
A705216	0.96	0.21	1.3	5.0	690	50.0	9.6	< 0.002	0.16	0.79	1.0	< 1	1.5	38.0	0.10	< 0.05	1.2	0.047	0.16	0.4	11	0.3	2.0
A705218	1.19	0.16	1.9	6.3	770	46.1	17.0	< 0.002	0.12	1.07	1.9	1	2.4	33.4	0.10	< 0.05	1.5	0.088	0.30	0.6	17	0.3	3.3
A705220	0.84	0.85	1.9	6.7	740	56.0	25.3	< 0.002	0.11	0.64	2.7	< 1	1.1	141	0.11	< 0.05	2.4	0.129	0.23	0.7	28	0.3	4.1
A705222	0.98	0.92	1.6	8.4	540	47.4	33.7	< 0.002	0.06	0.63	3.8	< 1	1.4	173	0.10	< 0.05	3.7	0.227	0.35	1.3	33	0.3	6.3
A705224	1.16	0.09	1.2	7.8	1050	83.7	8.1	< 0.002	0.26	1.01	1.6	1	1.7	37.1	0.05	< 0.05	1.2	0.054	0.25	0.5	12	0.2	3.2
A705225	1.56	0.42	2.0	7.9	670	101	22.8	< 0.002	0.08	1.18	4.0	< 1	2.3	67.3	0.07	0.07	3.1	0.204	0.42	1.1	35	0.5	7.8
A705226	1.67	0.11	1.1	4.6	1020	62.4	12.5	< 0.002	0.16	0.90	1.8	< 1	1.3	22.5	< 0.05	< 0.05	1.1	0.096	0.20	0.5	18	0.3	3.2
A705228	1.52	0.59	2.4	8.5	870	109	27.3	< 0.002	0.09	0.82	3.2	< 1	2.4	111	0.13	< 0.05	3.8	0.200	0.34	1.2	31	0.5	6.3
A705229	1.09	0.53	2.4	9.0	650	54.5	22.1	< 0.002	0.12	0.74	2.7	< 1	1.6	104	0.06	0.07	2.4	0.151	0.28	0.7	33	0.5	4.9
A705231	1.99	0.28	2.6	8.0	730	147	18.9	< 0.002	0.11	1.67	2.7	2	3.3	69.5	< 0.05	< 0.05	2.7	0.136	0.24	0.9	24	0.5	5.1
A705233	1.10	0.28	2.4	4.8	530	77.3	13.3	< 0.002	0.12	1.04	1.8	1	1.7	52.1	0.13	< 0.05	2.3	0.117	0.21	0.8	18	0.4	4.5
A705235	1.17	0.51	1.2	7.3	780	68.0	20.1	< 0.002	0.13	0.84	2.5	< 1	1.0	106	< 0.05	< 0.05	2.2	0.114	0.29	0.7	28	0.3	4.2
A705237	1.43	0.62	2.6	13.5	730	27.8	20.2	< 0.002	0.32	0.33	4.9	1	1.2	105	0.07	< 0.05	3.2	0.159	0.26	1.3	30	0.5	16.1
A705238	1.00	0.13	1.4	8.1	600	55.8	9.7	< 0.002	0.19	0.89	1.8	< 1	1.8	34.4	0.07	< 0.05	1.3	0.053	0.15	0.5	13	0.2	3.8
A705239	1.21	0.25	2.3	8.4	750	70.5	15.2	< 0.002	0.16	1.16	2.5	1	2.4	59.7	0.09	< 0.05	1.8	0.095	0.21	0.6	18	1.1	6.1
A705240	1.09	0.15	2.6	6.1	650	74.0	11.4	< 0.002	0.18	1.25	1.9	1	2.4	34.7	0.06	0.07	1.5	0.090	0.15	0.5	18	0.3	3.6
A705242	1.25	0.16	1.7	5.7	810	92.6	13.0	< 0.002	0.14	1.30	1.7	1	2.3	31.7	0.11	< 0.05	1.7	0.089	0.21	0.6	16	0.3	3.5
A705243	1.08	0.12	0.6	6.1	750	91.7	13.7	< 0.002	0.15	0.78	1.5	1	1.1	30.8	< 0.05	< 0.05	1.4	0.050	0.22	0.5	14	0.1	2.9
A705245	1.05	0.27	0.4	8.7	910	85.7	16.8	< 0.002	0.10	0.41	5.5	< 1	0.5	44.6	< 0.05	0.05	2.1	0.188	0.17	0.8	39	< 0.1	7.5
A705246	5.85	0.21	2.9	15.9	2320	65.5	13.5	0.003	0.25	0.62	6.6	4	1.5	57.2	0.13	0.11	4.0	0.153	0.60	1.6	69	0.6	22.4
A705247	0.93	0.14	2.0	5.7	1310	34.9	11.0	< 0.002	0.18	0.74	2.8	1	1.4	25.4	0.09	0.06	2.0	0.097	0.14	0.7	18	0.4	5.4
A705248	0.89	0.33	2.3	6.8	690	70.3	20.4	< 0.002	0.14	1.05	3.0	< 1	1.8	69.4	< 0.05	< 0.05	2.1	0.143	0.28	0.6	28	0.4	5.5
A705250	1.08	0.30	2.1	6.7	880	96.8	16.6	< 0.002	0.16	1.00	2.6	1	2.0	63.4	0.09	0.09	2.2	0.131	0.21	0.8	23	0.5	5.3
A705252	1.55	0.45	3.3	6.9	860	91.9	28.1	< 0.002	0.13	1.07	4.2	1	3.5	87.1	0.15	0.11	3.2	0.248	0.30	0.9	37	0.7	9.0
A705254	1.02	0.16	2.0	6.6	980	78.7	13.9	< 0.002	0.19	1.04	2.0	1	2.6	33.0	0.10	< 0.05	1.7	0.076	0.19	0.6	18	0.3	3.3
A705255	0.97	0.16	1.5	6.0	840	70.6	10.3	< 0.002	0.16	1.05	1.5	1	1.7	42.5	0.09	< 0.05	1.2	0.074	0.16	0.5	16	0.4	3.3
A705257	0.98	0.10	1.3	6.1	1020	74.3	10.1	< 0.002	0.16	0.90	2.1	< 1	1.9	21.6	0.08	< 0.05	1.1	0.073	0.17	0.4	16	0.2	3.4
A705258	0.69	0.11	1.3	4.4	580	44.9	5.5	< 0.002	0.15	0.79	1.6	< 1	1.4	23.5	0.07	< 0.05	1.0	0.082	0.08	0.3	10	0.2	4.0
A705259	0.75	1.25	0.2	17.9	660	90.8	25.5	< 0.002	0.11	0.12	11.5	< 1	0.8	97.9	< 0.05	< 0.05	3.2	0.119	0.30	1.0	29	0.4	26.3
A705260	0.78	0.38	2.1	9.0	700	54.1	16.5	< 0.002	0.16	0.90	2.7	< 1	1.9	77.1	0.08	< 0.05	1.7	0.096	0.22	0.5	22	0.3	3.1
A705262	0.72	0.08	0.9	4.6	550	53.9	7.8	< 0.002	0.14	0.92	0.9	< 1	1.4	27.1	0.07	< 0.05	0.9	0.041	0.10	0.3	10	0.2	2.2
A705263	1.13	0.21	2.2	7.0	800	71.9	14.9	< 0.002	0.14	1.03	1.9	1	2.3	41.3	0.12	< 0.05	1.9	0.102	0.21	0.6	20	0.4	3.4
A705265	1.10	0.14	2.5	6.1	670	93.8	11.6	< 0.002	0.12	1.23	1.6	1	2.2	31.9	0.12	< 0.05	1.6	0.074	0.21	0.6	16	0.3	3.4
A705267	1.47	0.36	1.0	8.0	710	111	21.4	< 0.002	0.12	1.19	2.3	1	1.1	68.0	< 0.05	< 0.05	2.6	0.119	0.48	0.9	25	0.3	4.7
A705269	1.64	0.51	3.3	12.3	740	86.8	20.3	< 0.002	0.10	1.02	3.6	< 1	2.3	78.0	0.21	0.10	2.9	0.175	0.29	1.0	33	0.6	6.6
A705270	2.09	0.83	1.8	29.3	1600	49.0	34.3	< 0.002	0.14	0.51	5.4	1	1.0	132	0.08	0.08	3.7	0.172	0.44	1.2	37	0.3	20.0
A705271	2.47	0.66	0.3	26.2	2160	68.2	31.9	< 0.002	0.18	0.22	8.0	2	0.3	110	< 0.05	< 0.05	4.4	0.138	0.67	1.7	39	0.2	37.4
A705272	1.18	0.56	2.5	7.7	1020	78.3	28.6	< 0.002	0.12	0.62	2.8	< 1	1.8	99.8	0.09	< 0.05	3.1	0.152	0.28	1.0	26	0.4	4.9
A705274	1.91	0.34	1.9	7.1	1130	40.9	21.1	< 0.002	0.17	0.71	1.8	< 1	1.6	62.9	0.10	< 0.05	1.8	0.092	0.24	0.6	18	0.3	3.1
A705276	1.30	0.50	2.6	6.1	890	65.9	30.4	< 0.002	0.13	0.87	2.8	< 1	1.9	76.5	0.08	< 0.05	3.2	0.174	0.21	0.8	30	0.6	4.5
A705278	0.91	0.58	0.8	7.6	580	66.8	21.9	< 0.002	0.11	0.87	2.9	< 1	0.5	97.7	< 0.05	< 0.05	2.9	0.119	0.22	0.8	25	0.1	4.3
A705280	1.64	0.39	1.6	7.5	990	89.8	17.3	< 0.002	0.09	0.93	5.5	< 1	2.9	47.4	0.12	< 0.05	2.6	0.285	0.27	1.1	60	0.4	8.3

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705282	0.86	0.27	1.3	4.9	630	57.3	13.0	< 0.002	0.11	0.86	1.5	< 1	1.2	56.0	0.07	< 0.05	1.7	0.097	0.22	0.5	13	0.2	3.6
A705284	1.08	0.14	0.9	4.8	720	96.6	12.4	< 0.002	0.11	0.92	1.5	1	1.5	32.3	< 0.05	< 0.05	1.5	0.070	0.20	0.5	12	0.2	2.9
A705285	1.03	0.09	1.4	7.3	760	97.6	10.4	< 0.002	0.19	1.19	1.2	1	2.3	32.6	0.10	< 0.05	1.2	0.050	0.14	0.4	13	0.3	2.8
A705287	1.07	0.48	2.6	7.6	710	71.2	20.1	< 0.002	0.16	1.06	2.6	1	2.5	95.0	< 0.05	< 0.05	1.8	0.131	0.20	0.6	28	0.4	3.6
A705289	0.90	0.33	1.3	10.0	660	70.9	16.3	< 0.002	0.17	0.75	2.1	< 1	0.8	76.7	< 0.05	< 0.05	2.3	0.104	0.19	1.0	19	0.2	4.5
A705291	1.06	0.38	1.3	9.8	1030	67.5	21.4	< 0.002	0.21	0.78	3.1	< 1	1.2	63.2	< 0.05	< 0.05	2.5	0.107	0.24	0.9	23	0.2	6.2
A705293	0.95	0.40	2.5	8.4	830	66.8	17.4	< 0.002	0.16	0.80	2.1	< 1	1.5	88.6	0.12	< 0.05	2.2	0.109	0.23	0.7	21	0.4	4.1
A705295	1.01	0.23	2.2	8.2	820	86.1	15.6	< 0.002	0.18	1.02	1.9	1	2.4	63.5	0.09	0.06	1.8	0.093	0.21	0.7	19	0.3	3.5
A705297	0.82	0.53	2.3	6.9	590	65.5	19.7	< 0.002	0.12	0.72	2.2	< 1	1.6	91.3	0.09	< 0.05	2.6	0.160	0.19	0.8	22	0.3	4.4
A705299	0.91	0.53	2.4	9.3	920	54.3	10.2	< 0.002	0.12	0.89	5.9	< 1	2.6	26.0	0.11	< 0.05	1.2	0.262	0.19	0.4	91	1.5	8.0
A705300	0.97	0.09	1.4	5.0	890	68.7	9.7	< 0.002	0.15	0.91	1.2	< 1	2.3	20.8	0.10	< 0.05	1.1	0.058	0.15	0.5	12	0.3	2.2
A705301	1.00	0.74	2.7	6.6	560	56.3	24.8	< 0.002	0.09	0.62	2.9	< 1	1.5	116	0.15	< 0.05	3.1	0.190	0.26	0.8	31	0.3	4.7
A705303	1.11	0.30	1.7	9.0	870	83.0	14.2	< 0.002	0.16	0.62	2.5	1	1.2	61.0	0.09	0.07	1.9	0.110	0.23	0.6	19	0.3	8.0
A705305	1.98	0.48	2.7	10.8	760	102	17.8	< 0.002	0.16	1.29	4.2	1	3.1	89.3	0.11	0.07	2.2	0.176	0.23	0.8	34	0.6	7.6
A705307	0.87	0.15	1.3	7.9	740	63.3	9.3	< 0.002	0.20	0.83	1.6	1	1.5	36.1	0.07	< 0.05	1.3	0.054	0.17	0.7	15	0.2	3.4
A705309	0.82	0.27	2.4	9.8	1030	33.4	11.4	< 0.002	0.15	0.63	4.8	< 1	1.4	41.9	0.14	< 0.05	1.7	0.154	0.16	0.6	43	0.4	4.4
A705310	1.04	1.56	4.6	16.4	490	33.0	38.3	< 0.002	0.10	0.39	7.3	< 1	1.5	246	0.24	< 0.05	4.5	0.282	0.31	1.3	52	0.4	9.7
A705311	0.56	0.06	0.7	4.9	640	34.4	6.6	< 0.002	0.17	0.60	1.0	< 1	1.0	21.6	< 0.05	< 0.05	0.6	0.030	0.09	0.2	9	0.2	1.4
A705312	0.97	0.25	1.8	6.4	880	59.5	15.8	< 0.002	0.15	0.81	2.0	< 1	1.7	49.8	0.11	< 0.05	1.6	0.096	0.19	0.5	20	0.3	3.1
A705314	1.52	0.30	1.0	9.0	560	99.9	16.6	< 0.002	0.11	1.06	2.9	1	0.7	60.4	< 0.05	< 0.05	2.6	0.160	0.28	0.8	37	0.2	4.9
A705316	0.57	0.04	0.7	4.3	680	51.5	7.2	< 0.002	0.18	0.44	0.6	< 1	1.0	22.7	< 0.05	< 0.05	0.6	0.024	0.09	0.3	7	0.1	1.3
A705318	0.98	0.10	1.2	6.0	690	75.7	10.5	< 0.002	0.16	0.93	1.2	< 1	1.7	42.4	0.07	< 0.05	1.1	0.054	0.18	0.4	13	0.2	2.6
A705320	1.14	0.15	1.4	8.0	730	60.2	9.5	< 0.002	0.16	0.96	1.7	1	1.4	42.4	0.07	< 0.05	1.4	0.064	0.12	0.4	15	0.2	2.9
A705322	0.94	0.10	1.1	6.0	790	60.6	10.0	< 0.002	0.16	0.93	1.5	1	1.3	29.1	< 0.05	< 0.05	1.2	0.057	0.22	0.4	13	0.3	2.5

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705201	0.6	160	33.9
A705203	0.6	68	11.9
A705205	0.6	31	12.2
A705207	0.8	47	24.2
A705208	0.5	69	18.1
A705210	0.2	105	2.8
A705211	0.6	31	17.1
A705212	0.3	37	8.5
A705214	0.3	80	1.5
A705216	0.2	136	4.7
A705218	0.4	147	12.2
A705220	0.5	88	24.8
A705222	0.8	92	38.2
A705224	0.3	48	3.6
A705225	0.9	53	24.0
A705226	0.4	85	8.6
A705228	0.7	99	31.0
A705229	0.5	79	18.9
A705231	0.6	57	16.9
A705233	0.5	31	27.1
A705235	0.5	46	22.6
A705237	1.3	91	25.1
A705238	0.3	93	12.6
A705239	0.6	25	17.0
A705240	0.4	37	14.6
A705242	0.4	54	7.9
A705243	0.3	78	8.1
A705245	0.8	97	19.6
A705246	2.0	133	17.8
A705247	0.5	76	17.5
A705248	0.6	214	20.4
A705250	0.6	134	18.7
A705252	1.0	155	33.9
A705254	0.4	173	12.7
A705255	0.4	191	5.5
A705257	0.4	92	9.2
A705258	0.4	72	7.4
A705259	2.9	286	37.4
A705260	0.4	115	14.5
A705262	0.2	43	4.1
A705263	0.4	48	11.2
A705265	0.4	31	8.1
A705267	0.5	83	11.1
A705269	0.8	81	55.8
A705270	1.6	707	23.2
A705271	3.0	475	2.8
A705272	0.6	247	15.1
A705274	0.4	190	11.1
A705276	0.6	114	41.8
A705278	0.5	145	55.3
A705280	1.0	92	15.0

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705282	0.4	98	11.9
A705284	0.3	69	4.7
A705285	0.3	27	7.9
A705287	0.4	77	17.0
A705289	0.5	22	14.9
A705291	0.6	43	13.4
A705293	0.5	56	19.7
A705295	0.4	90	10.6
A705297	0.5	51	11.1
A705299	0.9	92	22.7
A705300	0.2	41	5.6
A705301	0.6	51	31.0
A705303	0.7	59	10.6
A705305	0.9	106	31.8
A705307	0.3	81	8.9
A705309	0.5	57	22.5
A705310	1.0	66	116
A705311	0.2	242	3.1
A705312	0.4	55	13.0
A705314	0.6	53	16.4
A705316	0.1	50	2.3
A705318	0.3	39	7.2
A705320	0.3	44	7.0
A705322	0.3	46	4.5

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.90	< 0.2	670	2.63		1.05		87.3	16.8	41	4.20	28.8	4.61	17.5		1.4		2.66	39.0	30.1	0.99	838
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.68	< 0.2	660	2.99		1.04		90.6	17.7	34	4.01	29.3	4.51	19.5		0.9		2.65	40.0	34.4	0.97	823
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas			7.7							148	163		303	9.38									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
Oreas 72a (4 Acid Digest) Meas			7.8							151	224		309	9.21									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
OREAS 101b (4 Acid) Meas									> 500	45.9			431	10.5					2.35	745		1.23	921
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	45.7			425	10.5					2.38	729		1.24	933
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	45.9			419	10.4					2.36	723		1.22	923
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 98 (4 Acid) Meas	44.6					89.7				131			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas	42.0					96.8				126			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				100			7.62			56.2	136		106	6.72	14.1					3.6	4.6		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				110			7.56			57.7	171		97.1	6.80	12.6					3.5	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
OREAS 13b (4-Acid) Meas	0.84		53.3							73.5	8520		2110										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.88		51.1							73.6	8550		2140										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 904 (4 ACID) Meas	0.62	6.45	92.7	220	9.34	4.13	0.05		89.6	86.1	46	4.18	6310	6.72	16.3	0.25	4.9	0.218	3.49	43.8	15.9	0.60	414
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.57	6.32	92.8	220	8.84	3.95	0.05		89.4	83.8	43	4.10	6080	6.67	16.1	0.24	2.7	0.209	3.45	43.1	15.0	0.59	417
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.60	6.23	92.4	210	8.14	3.97	0.05		89.0	86.8	50	3.88	5850	6.59	15.4	0.20	5.0	0.208	3.42	43.5	15.6	0.58	417
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
SBC-1 Meas			25.7	770	3.11	0.68		0.34	90.9	22.5	87	7.84	32.6		21.7		3.4			39.7	161		

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			24.9	780	3.20	0.65		0.39	89.1	21.8	88	7.93	31.0		23.9		3.5			40.2	161		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		7.66	9.4	190	0.86	0.32	0.20		38.3	30.1	475	4.15	390	13.9	20.8		2.4	0.086	0.41	16.5	22.5	0.24	483
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.86	11.6	190	0.75	0.31	0.20		35.1	29.5	528	3.97	375	14.0	19.0		4.4	0.085	0.41	15.7	21.5	0.25	490
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	10.7					27.6				48.6			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	10.3					27.4				49.1			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	2.03	7.28	8.2	460	2.45	19.5	0.51	0.42	86.6	24.0	67	7.37	4180	6.36	17.1		3.7	0.529	2.51	42.9	28.6	1.74	957
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 923 (4 Acid) Meas	1.85	6.97	6.3	450	2.57	27.6	0.50	0.35	82.3	23.6	60	7.10	4000	6.17	16.4		3.8	0.534	2.42	41.7	31.5	1.68	908
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	57.2	5.96	66.2		1.61	3.78	2.08	242	46.6	28.5	25	3.44	3500	3.62	23.1		4.3	1.82	2.18	19.5	13.0	0.50	497
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		4.33					1.98				46			3.51					1.42			0.44	553
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas	1.23	3.77	409		0.78	8.47	3.65		79.1	549	31	0.67	8350	23.1	15.0		3.0	0.233	2.72	53.7	16.2	1.14	3660
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
OREAS 522 (4 Acid) Meas	1.23	3.76	443		0.77	8.91	3.65		60.8	522	38	0.71	8320	23.0	14.1		3.1	0.243	2.74	44.7	15.1	1.13	3650
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
Oreas 77b (4 Acid Digest) Meas	1.59	1.82	1540	10	0.52	3.28	3.02	1.03	29.2	1610	281	2.47	3380	28.8	4.22		1.2	0.124	0.34	15.4	19.2	2.67	625
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
Oreas 77b (4 Acid Digest) Meas	1.48	1.82	1540	20	0.41	3.33	3.05	1.05	27.3	1510	240	2.34	3020	28.9	3.86		1.2	0.117	0.34	15.0	17.1	2.69	629
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
A705212 Orig	0.09	1.04	4.7	180	0.20	0.36	0.35	0.71	11.0	1.4	14	1.32	10.9	0.46	2.21	< 0.05	0.3	0.024	0.29	5.7	2.1	0.10	90
A705212 Dup	0.08	1.03	4.7	180	0.19	0.36	0.35	0.72	10.9	1.5	12	1.30	7.7	0.46	2.24	< 0.05	0.2	0.020	0.29	5.7	2.1	0.10	97
A705237 Orig	0.18	2.93	2.0	220	0.72	0.17	1.41	1.53	51.3	5.0	24	1.27	59.3	0.96	6.16	< 0.05	0.8	0.035	0.60	33.0	8.1	0.32	158
A705237 Dup	0.18	2.89	1.0	210	0.72	0.17	1.39	1.40	50.8	5.0	21	1.24	59.4	0.94	6.04	< 0.05	0.6	0.031	0.59	32.4	8.1	0.31	160
A705271 Orig	0.47	3.43	4.1	350	1.00	0.34	2.11	2.93	98.8	10.9	26	3.82	101	1.64	5.24	< 0.05	< 0.1	0.044	0.69	85.8	10.3	0.36	3620
A705271 Dup	0.46	3.51	4.3	360	1.32	0.35	2.19	3.04	102	11.5	27	3.99	105	1.71	5.27	< 0.05	< 0.1	0.040	0.71	88.0	10.8	0.38	3710

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705274 Orig	0.44	1.42	1.8	220	0.28	0.21	0.83	0.73	10.5	3.8	13	1.69	12.5	0.55	2.76	0.12	0.2	0.015	0.52	5.4	3.6	0.14	456
A705274 Dup	0.45	1.38	1.8	220	0.30	0.21	0.83	0.74	10.1	3.7	12	1.65	13.1	0.53	2.80	0.09	0.2	0.011	0.51	5.1	3.4	0.14	397
A705278 Orig	0.62	2.02	3.4	280	0.40	0.31	0.73	0.50	15.6	2.4	22	0.97	11.9	0.76	4.37	0.24	1.2	0.023	0.62	7.5	4.1	0.19	205
A705278 Split PREP DUP	0.73	1.96	3.9	270	0.47	0.32	0.72	0.58	13.6	2.5	21	0.96	14.9	0.74	3.64	0.23	0.5	0.023	0.59	6.9	4.4	0.18	204
A705307 Orig	0.21	0.86	4.3	130	0.20	0.30	0.71	0.56	10.2	2.0	13	0.62	15.6	0.49	1.86	0.06	0.2	0.022	0.21	5.5	2.2	0.11	99
A705307 Dup	0.20	0.88	4.9	130	0.23	0.31	0.72	0.54	10.5	2.1	19	0.62	16.2	0.50	2.09	0.07	0.2	0.014	0.22	5.7	2.3	0.11	84
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	< 0.01	< 0.01	< 0.02	< 0.01	< 0.1		< 0.05	2.0	< 0.01	0.60	0.14	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	0.02		< 0.2		< 0.05	< 0.01		< 0.02	0.08	< 0.1		< 0.05	0.7		0.55	0.14	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.6		0.53	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.01	< 0.01	< 0.02	0.03	< 0.1		< 0.05	0.3	< 0.01	0.16	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.7		0.22	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	0.7		0.20	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		0.4		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.4		0.19	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.52	9.3	31.9	580	23.6	120			0.29	13.7		2.3	159	0.26		13.2	0.491	0.62	2.8	85	0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.50	0.4	33.5	520	23.3	116			< 0.05	15.9		< 0.2	173	< 0.05		12.0	0.086	0.63	2.9	32	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas				6320					1.60														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
Oreas 72a (4 Acid Digest) Meas				6310					1.59														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
OREAS 101b (4 Acid) Meas	20.1			9.3	1100	24.0											42.0	0.349		394	76		131
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.0			8.9	1110	22.8											40.8	0.367		384	77		133
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.6			9.2	1100	22.3											37.8	0.351		384	76		123
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 98 (4 Acid) Meas						332			> 10.0	10.6		178	202										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						324			> 10.0	8.62		158	207										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.48	1.5	270		7.3	3.5			0.93	29.5			148				0.274			138		17.0
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.50	1.5	269		6.3	3.6			0.75	31.8			139				0.277			140		16.2
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
OREAS 13b (4-Acid) Meas	10.0			2080					1.13														
OREAS 13b (4-Acid) Cert	9.0			2247.000					1.2														
OREAS 13b (4-Acid) Meas	9.30			2080					1.12														
OREAS 13b (4-Acid) Cert	9.0			2247.000					1.2														
OREAS 904 (4 ACID) Meas	2.30	0.04		40.5	1000	11.5	146		0.06	1.32	11.7	2	2.8	25.4	0.72		17.1		0.55	9.2	82	2.4	32.4
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.12	0.04		40.0	940	11.0	148		0.06	1.22	10.6	2	2.6	25.7	0.64		17.0		0.55	8.9	82	2.1	33.3
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.16	0.04		41.6	980	10.5	140		0.06	1.01	11.6	2	2.8	25.2	0.59		15.2		0.53	8.9	80	2.2	32.2
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
SBC-1 Meas	2.18		15.4	85.0		37.1	115			1.03	16.4		3.4	171	1.04		12.9	0.502	0.94	5.3	216	1.5	28.5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.24		15.2	83.0		34.2	117			0.90	18.1		3.4	169	0.99		11.6	0.505	0.90	4.8	218	1.6	28.7
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
OREAS 45d (4-Acid) Meas	0.47	0.10	1.5	234	360	22.0	42.7		0.05	0.06	51.4		0.6	29.4	< 0.05		16.5	0.297	0.25	2.9	140	< 0.1	11.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	2.27	0.10	13.4	234	390	22.4	38.6		0.05	0.07	52.3		1.9	28.8	0.89		14.6	0.801	0.25	2.8	231	1.1	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						98.2			4.17	3.82		40	59.5										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						95.9			4.01	3.64		37	62.0										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	1.04	0.32	14.6	37.2	620	87.3	182		0.67	1.23	13.0	6	12.7	41.2	1.11		19.2	0.405	0.89	3.2	92	5.2	27.9
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 923 (4 Acid) Meas	0.94	0.32	13.7	37.6	600	82.2	157		0.66	1.12	13.3	5	12.9	40.2	1.04		16.8	0.397	0.88	3.2	89	5.1	25.0
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	13.6	1.31	8.9	27.6	340	> 10000	74.3		4.38	85.7	5.8	4	5.0	67.5			7.2	0.182	2.08	2.8	33	2.2	11.2
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.29			320				4.20									0.178			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas	212	0.63	5.4	70.2	800	9.8	85.9	0.064	2.33	3.50	11.4	3	7.6	75.0	0.35	0.37	3.1	0.349	0.28	42.0	159	109	18.7
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
OREAS 522 (4 Acid) Meas	214	0.63	6.0	70.6	800	9.9	80.4	0.100	2.32	5.47	10.8	2	9.1	70.3	0.42	0.83	2.9	0.362	0.29	44.6	157	132	18.1
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
Oreas 77b (4 Acid Digest) Meas		0.45	3.2	> 10000		58.4	20.9	0.014		6.32	4.1		1.6	33.2	0.26	1.24	7.1	0.063	1.39	1.8	38	2.9	6.9
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
Oreas 77b (4 Acid Digest) Meas		0.45	3.0	> 10000		57.7	18.4	0.022		5.71	3.6		1.5	32.4	0.24	1.07	6.3	0.064	1.42	1.8	36	2.8	6.4
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
A705212 Orig	0.93	0.20	1.7	6.6	630	73.6	15.0	< 0.002	0.13	0.94	1.5	1	1.9	53.6	0.11	< 0.05	1.4	0.074	0.14	0.5	15	0.2	3.2
A705212 Dup	0.96	0.20	1.5	6.8	630	72.2	14.6	< 0.002	0.13	0.90	1.5	< 1	1.8	55.3	0.09	< 0.05	1.4	0.073	0.14	0.5	15	0.2	3.2
A705237 Orig	1.10	0.63	2.5	13.3	730	27.7	20.0	< 0.002	0.33	0.32	4.9	1	1.2	104	0.07	< 0.05	3.3	0.161	0.26	1.3	30	0.5	15.7
A705237 Dup	1.76	0.61	2.7	13.6	730	27.9	20.5	< 0.002	0.32	0.33	4.9	1	1.1	106	0.07	< 0.05	3.2	0.156	0.26	1.3	31	0.4	16.4
A705271 Orig	2.45	0.64	0.3	25.5	2110	68.0	31.9	< 0.002	0.17	0.19	8.0	2	0.2	109	< 0.05	0.06	4.3	0.130	0.67	1.7	38	0.1	37.0
A705271 Dup	2.50	0.67	0.4	26.8	2210	68.5	31.8	< 0.002	0.19	0.24	7.9	2	0.3	111	< 0.05	< 0.05	4.5	0.146	0.67	1.7	40	0.2	37.9

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705274 Orig	1.93	0.34	1.6	6.4	1120	41.5	21.4	< 0.002	0.17	0.72	1.8	< 1	1.5	66.1	0.09	< 0.05	1.8	0.093	0.24	0.6	18	0.3	3.2
A705274 Dup	1.89	0.33	2.2	7.8	1140	40.3	20.8	< 0.002	0.17	0.70	1.8	< 1	1.7	59.8	0.12	< 0.05	1.8	0.092	0.23	0.6	18	0.3	3.0
A705278 Orig	0.91	0.58	0.8	7.6	580	66.8	21.9	< 0.002	0.11	0.87	2.9	< 1	0.5	97.7	< 0.05	< 0.05	2.9	0.119	0.22	0.8	25	0.1	4.3
A705278 Split PREP DUP	1.02	0.54	1.4	8.0	770	68.4	20.1	< 0.002	0.12	0.96	2.9	< 1	1.2	90.4	0.05	0.06	2.4	0.142	0.21	0.8	25	0.3	4.3
A705307 Orig	0.85	0.14	1.2	7.6	730	62.7	9.2	< 0.002	0.20	0.79	1.7	1	1.5	34.4	0.06	< 0.05	1.3	0.053	0.17	0.7	15	0.2	3.4
A705307 Dup	0.88	0.15	1.3	8.2	740	64.0	9.4	< 0.002	0.20	0.87	1.5	1	1.6	37.9	0.08	< 0.05	1.3	0.055	0.17	0.6	16	0.2	3.5
Method Blank	0.08	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			2		
Method Blank	0.18		< 0.1	0.3		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.09	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.19		< 0.1	0.5		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.3	102	46.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.3	103	30.1
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas	13.8		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	13.6		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	14.0		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 98 (4 Acid) Meas		1290	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1280	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	2.0	57	39.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0	59	37.0
DNC-1a Cert	2.0	70	38.0
OREAS 13b (4-Acid) Meas		113	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas	3.3	29	178
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	108
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	185
OREAS 904 (4 ACID) Cert	3.14	26.3	171
SBC-1 Meas	3.3	186	121

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.2	200	116
SBC-1 Cert	3.64	186	134.0
OREAS 45d (4-Acid) Meas	1.5	45	91.1
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	157
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		440	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.7	350	134
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 923 (4 Acid) Meas	2.6	340	136
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.0	> 10000	168
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas	2.0	29	121
OREAS 522 (4 Acid) Cert	1.97	30.2	112
OREAS 522 (4 Acid) Meas	2.0	29	125
OREAS 522 (4 Acid) Cert	1.97	30.2	112
Oreas 77b (4 Acid Digest) Meas		180	48.4
Oreas 77b (4 Acid Digest) Cert		205	37.9
Oreas 77b (4 Acid Digest) Meas		183	42.0
Oreas 77b (4 Acid Digest) Cert		205	37.9
A705212 Orig	0.3	39	9.2
A705212 Dup	0.3	36	7.9
A705237 Orig	1.3	92	24.5
A705237 Dup	1.3	90	25.7
A705271 Orig	2.9	471	1.9
A705271 Dup	3.0	480	3.7

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705274 Orig	0.4	190	10.4
A705274 Dup	0.4	190	11.8
A705278 Orig	0.5	145	55.3
A705278 Split PREP DUP	0.6	152	18.6
A705307 Orig	0.3	80	9.0
A705307 Dup	0.4	81	8.8
Method Blank	< 0.1	< 2	0.8
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14426-Au**
Report Date: **13-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

48 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Timmins	QOP AA-Au (Au - Fire Assay AA)	2019-11-04 12:35:30

REPORT **A19-14426-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A705202	< 5
A705204	< 5
A705206	< 5
A705209	< 5
A705213	< 5
A705215	< 5
A705217	< 5
A705219	5
A705221	< 5
A705223	< 5
A705227	16
A705230	8
A705232	5
A705234	< 5
A705236	10
A705241	< 5
A705244	< 5
A705249	< 5
A705251	< 5
A705253	21
A705256	12
A705261	< 5
A705264	< 5
A705266	< 5
A705268	< 5
A705273	11
A705275	8
A705277	15
A705279	< 5
A705281	< 5
A705283	< 5
A705286	< 5
A705288	< 5
A705290	< 5
A705292	< 5
A705294	< 5
A705296	< 5
A705298	< 5
A705302	< 5
A705304	< 5
A705306	< 5
A705308	< 5
A705313	< 5
A705315	< 5
A705317	< 5
A705319	< 5
A705321	< 5
A705323	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
OREAS 254 Fire Assay Meas	2600
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2410
OREAS 254 Fire Assay Cert	2550
OREAS 254 Fire Assay Meas	2460
OREAS 254 Fire Assay Cert	2550
OREAS 217 (Fire Assay) Meas	341
OREAS 217 (Fire Assay) Cert	338
OREAS 217 (Fire Assay) Meas	317
OREAS 217 (Fire Assay) Cert	338
A705223 Orig	< 5
A705223 Dup	< 5
A705253 Orig	23
A705253 Dup	18
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-14426-TD**
Report Date: **13-Nov-19**
Date Submitted: **23-Oct-19**
Your Reference: **WIR**

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

48 Soil samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)	2019-11-08 15:23:21

REPORT **A19-14426-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A705202	0.17	5.25	0.4	550	0.84	0.17	1.33	0.36	27.3	4.3	32	2.11	13.7	1.86	12.3	0.31	3.0	0.027	1.53	12.7	9.1	0.45	263
A705204	0.04	5.43	1.2	730	0.96	0.17	1.34	0.13	22.3	3.5	26	1.13	5.7	1.49	12.1	0.13	3.3	0.014	1.36	10.7	6.8	0.33	213
A705206	0.05	4.93	1.4	480	0.78	0.15	1.32	0.13	25.0	6.7	41	1.23	6.6	2.75	14.2	0.14	3.5	0.035	1.33	12.0	8.2	0.66	349
A705209	0.07	5.62	< 0.2	530	1.07	0.11	1.45	0.15	28.3	6.7	33	1.43	16.3	2.18	10.7	0.18	3.2	0.030	1.60	13.1	12.0	0.54	360
A705213	0.04	5.33	< 0.2	660	0.95	0.14	1.13	0.07	26.5	3.2	26	1.49	4.9	1.35	11.8	0.08	1.3	0.010	1.73	12.6	6.5	0.41	220
A705215	0.15	5.47	0.7	550	0.85	0.19	1.25	0.14	27.1	5.5	33	1.63	9.3	2.74	14.6	0.16	1.7	0.021	1.58	12.9	11.7	0.52	257
A705217	0.08	6.04	2.2	480	1.07	0.13	1.06	0.13	25.2	2.6	30	1.34	6.5	2.43	13.2	0.46	3.4	0.021	1.42	11.8	11.1	0.28	180
A705219	0.10	6.36	3.1	310	0.96	0.16	1.12	0.25	33.1	7.0	52	0.99	18.2	4.21	11.4	0.13	2.5	0.056	0.90	15.7	11.7	0.58	307
A705221	0.11	6.27	3.0	560	1.07	0.14	1.33	0.18	33.7	6.2	63	1.55	7.0	3.26	12.7	0.23	3.3	0.025	1.52	15.3	16.7	0.60	343
A705223	0.16	6.17	3.0	430	0.90	0.17	2.15	0.21	26.2	13.2	83	1.41	22.8	5.04	17.7	0.63	3.7	0.049	1.18	11.1	13.0	1.19	616
A705227	0.16	4.64	1.5	450	0.73	0.31	1.19	0.17	26.9	4.3	39	1.17	11.6	3.17	16.5	0.09	0.5	0.026	1.06	12.7	7.3	0.51	314
A705230	0.23	5.43	1.5	400	0.96	0.35	1.38	0.15	27.0	6.5	32	1.77	80.1	4.11	13.9	0.26	2.3	0.048	1.16	12.4	12.9	0.62	345
A705232	0.09	5.87	3.5	470	0.80	0.20	1.10	0.27	28.1	5.8	47	1.88	13.4	3.55	14.1	0.23	1.8	0.031	1.31	12.9	13.5	0.49	226
A705234	0.08	4.58	0.7	450	0.68	0.15	1.00	0.11	30.6	4.0	34	1.06	8.8	1.97	12.8	0.10	1.8	0.020	1.21	14.6	8.7	0.42	231
A705236	0.07	6.09	2.1	390	0.87	0.15	1.70	0.20	27.8	8.7	59	1.38	19.1	3.72	13.5	0.35	2.4	0.039	1.04	12.9	10.4	0.88	416
A705241	0.06	5.14	0.2	520	0.83	0.20	1.11	0.07	31.5	4.8	33	1.84	9.5	2.29	17.3	0.24	2.7	0.022	1.58	14.8	11.0	0.49	217
A705244	0.07	5.94	2.4	440	0.94	0.14	1.21	0.19	25.3	7.5	55	1.93	9.3	3.66	13.1	0.38	2.9	0.035	1.30	11.1	16.4	0.65	305
A705249	0.13	5.50	1.0	560	0.99	0.21	1.37	0.10	31.8	6.1	39	2.46	8.8	3.29	14.8	0.25	3.0	0.024	1.71	14.8	14.1	0.57	338
A705251	0.56	5.34	0.8	460	1.01	0.43	1.72	0.22	26.2	7.6	39	1.63	18.7	5.18	17.9	0.07	0.2	0.058	1.43	12.0	11.0	0.75	552
A705253	0.40	5.82	1.0	350	1.19	0.63	2.02	0.37	32.6	13.6	28	1.90	76.3	6.15	17.2	0.17	0.8	0.256	1.04	13.2	15.2	0.81	591
A705256	0.36	6.09	< 0.2	250	0.90	0.42	2.31	0.29	16.6	5.7	24	0.61	16.5	3.88	21.5	0.11	1.4	0.051	0.46	7.1	3.7	0.69	371
A705261	0.12	5.76	1.2	510	1.09	0.12	1.85	0.18	27.8	9.4	111	1.92	25.7	3.37	11.7	0.34	2.7	0.024	1.39	12.5	14.9	1.14	371
A705264	0.06	5.87	3.5	410	0.77	0.25	1.58	0.26	29.6	9.6	88	1.91	23.0	5.45	16.7	0.39	2.7	0.033	1.22	13.2	14.9	1.02	382
A705266	0.09	4.68	1.3	460	0.65	0.34	0.99	0.15	29.2	3.3	28	1.21	14.5	1.67	14.8	0.11	2.0	0.019	1.30	14.1	8.0	0.40	199
A705268	0.12	5.55	3.7	540	0.82	0.26	1.06	0.12	24.4	4.1	38	2.00	8.5	3.11	16.6	0.31	4.1	0.022	1.62	11.7	12.9	0.43	237
A705273	0.09	5.76	2.1	540	1.10	0.14	1.65	0.24	29.2	9.6	33	1.79	16.4	3.41	12.5	0.16	2.6	0.035	1.62	13.5	13.8	0.71	592
A705275	0.19	5.59	0.8	560	1.00	0.16	1.48	0.16	29.2	11.2	34	1.95	24.2	2.36	13.4	0.07	1.7	0.022	1.66	13.3	11.7	0.61	378
A705277	1.00	5.97	1.3	490	0.94	0.15	1.30	0.23	41.8	6.4	42	1.61	11.1	3.00	12.6	0.18	3.4	0.029	1.61	18.6	14.7	0.60	306
A705279	0.41	5.73	4.8	460	0.87	0.16	1.21	0.17	27.4	5.4	51	1.41	9.0	3.53	13.3	0.36	3.6	0.027	1.32	12.6	12.8	0.51	291
A705281	0.24	4.66	3.3	200	0.60	1.17	2.16	0.28	24.9	10.9	43	1.32	39.9	9.48	22.8	0.58	3.0	0.102	0.56	11.0	10.5	1.31	1000
A705283	0.57	5.93	4.3	460	0.80	0.16	0.93	0.30	28.6	3.9	53	1.56	14.4	2.99	12.3	0.42	4.0	0.028	1.33	13.7	14.2	0.36	223
A705286	0.15	5.84	3.9	490	0.86	0.15	1.56	0.14	27.3	8.3	59	1.16	17.5	3.73	12.0	0.31	3.6	0.027	1.27	12.4	11.8	0.85	377
A705288	0.09	5.19	3.2	450	0.79	0.19	1.29	0.18	27.8	7.0	51	1.64	18.9	4.12	14.8	0.14	3.1	0.036	1.21	13.0	10.9	0.61	424
A705290	0.11	5.36	< 0.2	550	0.85	0.13	1.24	0.09	35.2	6.1	39	1.78	10.0	2.39	11.7	0.07	0.6	0.020	1.68	16.2	10.6	0.58	267
A705292	0.23	5.67	1.1	570	0.92	0.16	1.03	0.11	36.2	5.8	36	3.12	35.6	2.23	11.7	0.41	2.8	0.025	1.82	16.7	15.5	0.48	231
A705294	0.11	5.91	< 0.2	610	0.99	0.14	1.45	0.15	28.6	6.1	35	1.57	8.3	2.25	12.5	0.16	2.2	0.018	1.53	13.3	13.5	0.60	276
A705296	0.08	5.60	2.3	450	0.86	0.15	1.31	0.16	29.7	6.4	49	1.39	21.7	3.66	14.3	0.39	2.9	0.031	1.33	13.8	10.8	0.62	305
A705298	0.07	5.38	2.3	480	0.78	0.19	1.13	0.15	25.6	5.3	44	1.52	9.4	3.56	15.3	0.44	3.2	0.028	1.28	11.8	9.4	0.53	264
A705302	0.16	6.34	4.0	450	0.91	0.12	1.16	0.17	27.3	5.2	55	1.51	13.0	2.93	9.07	0.13	4.0	0.033	1.39	12.3	14.2	0.59	249
A705304	0.08	5.13	1.0	530	0.79	0.17	1.26	0.13	40.7	4.7	40	1.56	8.6	2.52	13.8	0.09	0.5	0.028	1.46	18.3	7.8	0.56	281
A705306	0.24	5.72	1.0	460	0.73	0.13	1.37	0.26	26.5	5.8	39	1.14	9.9	3.09	12.2	0.11	0.7	0.038	1.28	12.9	11.7	0.60	304
A705308	0.07	5.95	1.0	420	0.78	0.14	1.41	0.13	27.1	8.0	38	1.16	18.0	3.54	12.9	0.14	2.4	0.028	1.22	12.2	11.9	0.84	329
A705313	0.04	5.16	2.6	460	0.66	0.20	1.17	0.12	27.2	5.5	42	2.15	23.5	4.00	15.4	0.17	0.5	0.027	1.29	12.8	12.3	0.60	296
A705315	0.05	5.27	3.9	460	0.81	0.25	0.89	0.21	28.9	5.7	44	1.96	18.0	6.05	18.1	0.29	1.4	0.036	1.19	14.0	12.5	0.57	425
A705317	0.17	4.87	3.7	420	0.59	0.32	0.61	0.25	31.5	5.1	37	2.59	50.0	4.88	21.2	0.27	1.0	0.028	1.27	14.3	13.3	0.33	219
A705319	0.05	5.68	1.4	430	0.88	0.15	1.79	0.16	25.3	7.3	64	1.42	13.7	3.84	14.8	0.14	1.5	0.024	1.15	11.7	10.2	1.01	380
A705321	0.04	4.90	2.6	190	0.31	0.21	2.82	0.21	16.9	16.6	151	1.51	24.1	5.88	17.1	0.45	1.6	0.036	0.53	7.7	9.3	2.14	629
A705323	0.03	5.18	0.8	500	0.65	0.23	1.26	0.10	24.6	5.1	31	1.63	16.5	2.36	17.6	0.11	0.3	0.016	1.42	11.5	7.6	0.57	286

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A705202	0.15	1.66	0.3	10.4	200	18.7	48.5	< 0.002	0.02	< 0.05	6.2	< 1	0.6	272	< 0.05	< 0.05	4.5	0.175	0.32	1.3	39	< 0.1	7.9
A705204	0.07	2.01	0.2	7.6	160	23.0	37.8	< 0.002	0.02	< 0.05	5.3	< 1	< 0.2	470	< 0.05	< 0.05	4.0	0.065	0.26	1.0	20	< 0.1	5.7
A705206	0.06	1.62	0.2	13.6	170	15.4	40.7	< 0.002	0.02	< 0.05	8.9	< 1	0.2	223	< 0.05	< 0.05	4.1	0.102	0.25	1.1	31	< 0.1	8.9
A705209	0.34	1.89	0.7	13.4	140	15.2	44.3	< 0.002	0.02	< 0.05	6.5	< 1	0.4	279	< 0.05	< 0.05	3.7	0.138	0.31	1.0	32	< 0.1	9.9
A705213	< 0.05	1.88	0.2	8.4	50	15.4	53.9	< 0.002	< 0.01	< 0.05	5.1	< 1	< 0.2	331	< 0.05	< 0.05	4.4	0.058	0.33	1.2	11	< 0.1	6.9
A705215	< 0.05	1.80	< 0.1	13.9	110	16.0	48.7	< 0.002	0.01	< 0.05	6.5	< 1	0.3	271	< 0.05	< 0.05	4.3	0.103	0.29	1.2	24	< 0.1	7.8
A705217	0.42	1.86	1.1	7.2	200	17.4	46.3	< 0.002	0.03	< 0.05	4.7	< 1	0.7	264	0.06	< 0.05	6.0	0.198	0.29	1.6	46	< 0.1	5.6
A705219	1.16	1.44	4.6	15.2	560	14.6	30.5	< 0.002	0.07	0.21	9.2	2	0.7	209	0.30	0.12	6.0	0.233	0.17	1.0	86	0.6	11.4
A705221	0.80	2.03	7.0	15.7	490	17.7	53.7	< 0.002	0.02	0.21	6.7	< 1	1.0	324	0.46	< 0.05	7.3	0.265	0.30	1.3	68	0.4	8.6
A705223	0.87	1.92	7.5	27.6	500	14.5	40.2	< 0.002	0.02	0.13	13.3	< 1	1.2	279	0.46	< 0.05	3.9	0.486	0.24	0.9	139	0.5	13.4
A705227	0.05	1.45	0.2	9.7	220	17.0	34.2	< 0.002	0.02	< 0.05	7.7	< 1	< 0.2	228	< 0.05	< 0.05	4.4	0.163	0.22	1.3	47	< 0.1	10.0
A705230	0.22	1.45	0.1	14.9	280	16.7	42.2	< 0.002	0.04	0.08	8.1	< 1	0.7	219	< 0.05	< 0.05	4.8	0.139	0.25	1.1	43	< 0.1	10.8
A705232	0.11	1.42	0.2	16.5	280	23.3	42.1	< 0.002	0.03	0.08	6.6	< 1	0.5	248	< 0.05	< 0.05	5.1	0.097	0.27	1.2	38	< 0.1	7.9
A705234	< 0.05	1.43	0.1	10.3	120	17.0	37.9	< 0.002	0.02	< 0.05	5.4	< 1	< 0.2	213	< 0.05	< 0.05	5.8	0.054	0.25	1.3	17	< 0.1	7.8
A705236	0.37	1.69	0.4	21.9	420	14.8	34.5	< 0.002	0.04	0.06	9.0	< 1	0.6	244	< 0.05	< 0.05	4.7	0.213	0.21	0.9	71	< 0.1	9.1
A705241	0.06	1.52	0.2	23.8	80	19.1	49.4	< 0.002	0.01	< 0.05	6.2	< 1	0.6	221	< 0.05	< 0.05	5.2	0.107	0.32	1.2	20	< 0.1	8.2
A705244	0.56	1.49	1.4	18.7	380	16.1	42.9	< 0.002	0.03	0.10	7.7	< 1	0.8	208	< 0.05	< 0.05	4.4	0.250	0.27	1.0	69	< 0.1	8.6
A705249	0.11	1.68	0.2	13.8	240	16.4	64.7	< 0.002	0.02	< 0.05	7.4	< 1	0.4	260	< 0.05	< 0.05	5.2	0.145	0.34	1.2	42	< 0.1	10.0
A705251	0.08	1.47	0.1	11.8	270	13.4	44.4	< 0.002	0.02	< 0.05	11.9	< 1	< 0.2	187	< 0.05	< 0.05	3.7	0.127	0.35	0.9	34	< 0.1	19.4
A705253	0.11	1.26	0.1	17.3	590	16.8	35.2	< 0.002	0.05	< 0.05	15.2	< 1	0.6	155	< 0.05	< 0.05	3.9	0.117	0.29	0.9	39	< 0.1	31.1
A705256	0.23	2.81	< 0.1	9.1	220	13.1	13.6	< 0.002	0.03	< 0.05	10.3	< 1	< 0.2	371	< 0.05	< 0.05	1.9	0.061	0.10	0.7	18	< 0.1	13.1
A705261	0.23	1.81	0.7	22.1	260	16.9	42.5	< 0.002	0.03	0.06	9.9	< 1	0.6	303	< 0.05	< 0.05	4.1	0.192	0.30	1.1	59	< 0.1	8.4
A705264	0.70	1.43	0.7	27.4	310	15.3	37.8	< 0.002	0.04	< 0.05	9.7	< 1	0.7	180	< 0.05	< 0.05	4.6	0.275	0.26	1.2	96	< 0.1	9.5
A705266	0.07	1.47	0.2	9.2	150	20.7	39.7	< 0.002	0.02	< 0.05	5.7	< 1	0.2	197	< 0.05	< 0.05	5.3	0.059	0.27	1.4	19	< 0.1	7.4
A705268	2.03	1.70	7.7	11.6	310	18.7	44.5	< 0.002	0.02	0.22	5.5	< 1	1.3	251	0.75	0.06	5.3	0.283	0.32	1.3	85	0.6	6.4
A705273	0.14	1.92	0.2	18.1	520	16.6	55.3	< 0.002	0.02	< 0.05	8.6	< 1	0.4	260	< 0.05	< 0.05	5.3	0.235	0.29	1.0	77	< 0.1	9.3
A705275	0.06	1.85	< 0.1	19.2	170	16.9	51.2	< 0.002	< 0.01	< 0.05	7.3	< 1	< 0.2	261	< 0.05	< 0.05	5.2	0.076	0.33	1.0	26	< 0.1	8.4
A705277	0.11	1.82	0.2	14.4	320	16.5	50.2	< 0.002	0.03	< 0.05	7.3	< 1	0.3	252	< 0.05	< 0.05	7.2	0.145	0.29	1.2	44	< 0.1	9.7
A705279	0.77	1.57	3.3	14.0	520	19.9	39.8	< 0.002	0.04	0.17	6.6	< 1	0.9	243	0.12	< 0.05	5.0	0.263	0.26	1.0	73	0.2	7.3
A705281	3.43	0.99	5.1	10.5	950	32.4	22.8	< 0.002	0.05	0.10	19.4	< 1	1.2	100	0.15	0.07	3.5	0.705	0.20	1.1	181	0.6	26.6
A705283	1.37	1.39	7.0	10.4	400	22.1	38.8	< 0.002	0.04	0.22	5.0	1	1.1	190	0.32	< 0.05	5.5	0.310	0.28	1.3	66	0.4	6.9
A705286	1.11	1.74	5.8	21.2	330	15.9	36.2	< 0.002	0.04	0.20	8.6	< 1	0.9	275	0.35	0.07	5.4	0.321	0.23	1.0	89	0.4	8.1
A705288	0.57	1.42	0.7	14.7	500	16.7	41.0	< 0.002	0.03	< 0.05	8.4	< 1	0.7	224	< 0.05	< 0.05	4.8	0.301	0.27	1.2	97	< 0.1	8.9
A705290	< 0.05	1.61	< 0.1	16.7	90	15.2	49.1	< 0.002	0.01	< 0.05	6.7	< 1	< 0.2	227	< 0.05	< 0.05	5.0	0.123	0.33	1.2	23	< 0.1	8.4
A705292	0.17	1.54	0.2	15.8	170	17.8	60.0	< 0.002	0.02	< 0.05	5.7	< 1	0.7	213	< 0.05	< 0.05	5.2	0.158	0.44	1.3	40	< 0.1	8.3
A705294	< 0.05	2.00	0.2	14.4	140	19.3	44.5	< 0.002	0.02	< 0.05	6.2	< 1	0.2	321	< 0.05	< 0.05	4.4	0.086	0.29	1.2	27	< 0.1	8.5
A705296	0.32	1.60	0.7	20.0	320	16.3	42.4	< 0.002	0.03	< 0.05	7.3	< 1	0.6	233	< 0.05	< 0.05	9.2	0.200	0.26	1.1	61	< 0.1	8.0
A705298	0.42	1.76	0.5	12.2	290	17.5	41.2	< 0.002	0.03	0.06	6.8	< 1	0.6	237	< 0.05	< 0.05	4.5	0.212	0.25	1.2	64	< 0.1	7.6
A705302	1.22	1.48	6.4	11.7	420	16.1	39.2	< 0.002	0.04	0.23	6.6	< 1	0.8	223	0.44	< 0.05	6.5	0.267	0.26	1.2	64	0.4	7.6
A705304	0.21	1.62	0.3	11.4	190	20.5	42.8	< 0.002	0.02	< 0.05	6.3	< 1	0.4	266	< 0.05	< 0.05	11.0	0.257	0.29	1.5	58	< 0.1	11.0
A705306	0.07	1.69	0.2	14.9	200	15.2	36.5	< 0.002	0.02	< 0.05	6.8	< 1	0.2	242	< 0.05	< 0.05	5.0	0.172	0.22	1.0	43	< 0.1	8.6
A705308	0.05	1.85	0.3	22.5	170	16.0	35.7	< 0.002	0.02	< 0.05	7.2	< 1	0.4	235	< 0.05	< 0.05	4.8	0.106	0.25	1.0	34	< 0.1	8.4
A705313	0.10	1.29	0.2	12.3	290	18.5	42.3	< 0.002	0.03	< 0.05	7.4	< 1	0.4	190	< 0.05	< 0.05	4.9	0.151	0.29	1.3	49	< 0.1	7.8
A705315	0.42	1.17	0.2	13.3	410	20.4	38.5	< 0.002	0.04	0.08	6.8	< 1	0.7	183	< 0.05	< 0.05	5.7	0.143	0.26	1.5	61	< 0.1	7.5
A705317	0.16	0.96	0.2	16.1	340	23.2	42.9	< 0.002	0.05	< 0.05	5.1	< 1	0.6	137	< 0.05	< 0.05	5.1	0.111	0.38	1.4	55	< 0.1	8.2
A705319	< 0.05	1.69	0.1	19.9	230	16.2	35.2	< 0.002	0.02	< 0.05	8.5	< 1	< 0.2	297	< 0.05	< 0.05	4.4	0.086	0.22	1.3	38	< 0.1	7.8
A705321	0.70	1.04	0.8	44.1	330	17.4	18.1	< 0.002	0.05	0.08	22.1	< 1	0.6	93.8	< 0.05	< 0.05	3.2	0.298	0.16	0.9	139	< 0.1	13.4
A705323	< 0.05	1.65	0.2	12.8	110	17.4	42.6	< 0.002	0.02	< 0.05	7.0	< 1	< 0.2	241	< 0.05	< 0.05	4.7	0.183	0.31	1.2	72	< 0.1	7.5

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A705202	1.0	96	107
A705204	0.8	32	128
A705206	1.1	32	129
A705209	1.0	141	121
A705213	0.9	26	64.3
A705215	0.9	85	69.6
A705217	0.7	44	128
A705219	1.1	53	93.8
A705221	0.9	63	123
A705223	1.5	73	143
A705227	1.2	45	37.5
A705230	1.2	68	78.8
A705232	0.9	45	67.1
A705234	0.9	27	83.1
A705236	1.0	49	90.6
A705241	1.0	31	88.7
A705244	1.0	44	112
A705249	1.2	114	110
A705251	2.3	104	14.5
A705253	3.5	563	25.8
A705256	1.4	85	49.2
A705261	0.9	49	94.8
A705264	1.1	43	99.1
A705266	0.9	26	79.9
A705268	0.8	35	152
A705273	1.1	96	104
A705275	1.0	243	83.2
A705277	1.1	127	120
A705279	0.9	78	134
A705281	3.1	138	114
A705283	0.9	108	149
A705286	0.9	39	137
A705288	1.0	40	122
A705290	1.0	34	40.5
A705292	1.0	51	98.6
A705294	1.0	50	84.7
A705296	0.9	62	114
A705298	0.9	40	127
A705302	0.9	43	150
A705304	1.2	43	48.1
A705306	1.0	90	47.6
A705308	0.9	58	79.4
A705313	1.0	49	34.4
A705315	0.9	45	51.8
A705317	1.0	62	34.5
A705319	0.9	43	56.5
A705321	1.6	42	60.0
A705323	0.9	35	29.3

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.90	< 0.2	670	2.63		1.05		87.3	16.8	41	4.20	28.8	4.61	17.5		1.4		2.66	39.0	30.1	0.99	838
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.68		660			1.04				34			4.51					2.65			0.97	823
SDC-1 Cert		8.34		630			1.00				64.00			4.82					2.72			1.02	880.00
Oreas 72a (4 Acid Digest) Meas			7.7							148	163		303	9.38									
Oreas 72a (4 Acid Digest) Cert			14.7							157	228		316	9.63									
Oreas 72a (4 Acid Digest) Meas											224			9.21									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas									> 500	45.9			431	10.5					2.35	745		1.23	921
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas									> 500	45.7			425	10.5					2.38	729		1.24	933
OREAS 101b (4 Acid) Cert									1325	45			412	10.7					2.36	754		1.23	927
OREAS 101b (4 Acid) Meas														10.4					2.36			1.22	923
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	44.6					89.7				131			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas																							
OREAS 98 (4 Acid) Cert																							
DNC-1a Meas				100			7.62			56.2	136		106	6.72	14.1					3.6	4.6		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				110			7.56				171			6.80									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.84		53.3							73.5	8520		2110										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 13b (4-Acid) Meas											8550												
OREAS 13b (4-Acid) Cert											8650.0 00												
OREAS 904 (4 ACID) Meas	0.62	6.45	92.7	220	9.34	4.13	0.05		89.6	86.1	46	4.18	6310	6.72	16.3	0.25	4.9	0.218	3.49	43.8	15.9	0.60	414
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas	0.57	6.32	92.8	220	8.84	3.95	0.05		89.4	83.8	43	4.10	6080	6.67	16.1	0.24	2.7	0.209	3.45	43.1	15.0	0.59	417
OREAS 904 (4 ACID) Cert	0.551	6.30	98.0	194	7.86	4.05	0.0460		86.0	83.0	54.0	3.79	6120	6.68	16.7	0.180	5.00	0.220	3.31	43.2	16.7	0.556	410
OREAS 904 (4 ACID) Meas		6.23		210			0.05				50			6.59					3.42			0.58	417
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas			25.7	770	3.11	0.68		0.34	90.9	22.5	87	7.84	32.6		21.7		3.4			39.7	161		

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas				780							88												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		7.66	9.4	190	0.86	0.32	0.20		38.3	30.1	475	4.15	390	13.9	20.8		2.4	0.086	0.41	16.5	22.5	0.24	483
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.86		190			0.20				528			14.0					0.41			0.25	490
OREAS 45d (4-Acid) Cert		8.150		183.0			0.185				549			14.5					0.412			0.245	490.000
OREAS 96 (4 Acid) Meas	10.7					27.6				48.6			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas																							
OREAS 96 (4 Acid) Cert																							
OREAS 923 (4 Acid) Meas	2.03	7.28	8.2	460	2.45	19.5	0.51	0.42	86.6	24.0	67	7.37	4180	6.36	17.1		3.7	0.529	2.51	42.9	28.6	1.74	957
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 923 (4 Acid) Meas		6.97		450			0.50				60			6.17					2.42			1.68	908
OREAS 923 (4 Acid) Cert		7.29		434			0.473				71.0			6.43					2.51			1.69	950
OREAS 621 (4 Acid) Meas	57.2	5.96	66.2		1.61	3.78	2.08	242	46.6	28.5	25	3.44	3500	3.62	23.1		4.3	1.82	2.18	19.5	13.0	0.50	497
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		4.33					1.98				46			3.51					1.42			0.44	553
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas	1.23	3.77	409		0.78	8.47	3.65		79.1	549	31	0.67	8350	23.1	15.0		3.0	0.233	2.72	53.7	16.2	1.14	3660
OREAS 522 (4 Acid) Cert	1.31	3.95	490		0.700	8.72	3.65		148	550	29.6	0.640	9160	24.6	16.0		2.96	0.230	2.83	171	16.2	1.12	3970
OREAS 522 (4 Acid) Meas		3.76					3.65				38			23.0					2.74			1.13	3650
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
Oreas 77b (4 Acid Digest) Meas	1.59	1.82	1540	10	0.52	3.28	3.02	1.03	29.2	1610	281	2.47	3380	28.8	4.22		1.2	0.124	0.34	15.4	19.2	2.67	625
Oreas 77b (4 Acid Digest) Cert	1.62	1.94	2050	118	0.470	3.44	3.06	1.20	27.7	1550	280	2.32	3430	29.9	4.61		1.15	0.112	0.361	15.8	18.8	2.59	640
Oreas 77b (4 Acid Digest) Meas		1.82		20			3.05				240			28.9					0.34			2.69	629
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
A705215 Orig	0.15	5.42	0.9	550	0.92	0.19	1.24	0.11	27.9	5.5	33	1.64	9.6	2.71	14.5	0.17	1.4	0.026	1.56	13.3	11.8	0.51	255
A705215 Dup	0.15	5.52	0.5	560	0.78	0.19	1.26	0.16	26.3	5.5	33	1.62	8.9	2.78	14.7	0.14	2.0	0.016	1.60	12.4	11.6	0.52	260
A705256 Orig	0.36	6.12	< 0.2	260	0.92	0.42	2.32	0.29	16.8	5.6	22	0.62	16.1	3.89	21.5	0.06	0.9	0.053	0.46	7.2	3.7	0.69	370
A705256 Dup	0.37	6.06	0.5	250	0.89	0.43	2.30	0.29	16.4	5.8	26	0.60	16.9	3.87	21.4	0.17	1.9	0.049	0.46	7.0	3.7	0.69	372
A705290 Orig	0.11	5.30	< 0.2	550	0.86	0.13	1.23	0.09	35.1	6.2	37	1.79	10.2	2.36	11.7	0.09	0.5	0.020	1.67	16.4	10.9	0.57	263
A705290 Dup	0.11	5.43	0.2	560	0.84	0.13	1.24	0.08	35.2	5.9	41	1.78	9.7	2.42	11.8	0.05	0.6	0.019	1.70	16.0	10.3	0.58	272

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01	< 0.01	< 0.2	< 10	< 0.05	0.01	< 0.01	< 0.02	0.03	< 0.1		< 0.05	0.3	< 0.01	0.16	< 0.05	< 0.1	< 0.005	< 0.01	< 0.5	< 0.2	< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.7		0.22	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	0.7		0.20	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank	< 0.01		0.4		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	0.4		0.19	< 0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.52	9.3	31.9	580	23.6	120			0.29	13.7		2.3	159	0.26		13.2	0.491	0.62	2.8	85	0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.50			520													0.086			32		
SDC-1 Cert		1.52			690													0.606			102.00		
Oreas 72a (4 Acid Digest) Meas				6320					1.60														
Oreas 72a (4 Acid Digest) Cert				6930.000					1.74														
Oreas 72a (4 Acid Digest) Meas									1.59														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas	20.1			9.3	1100	24.0											42.0	0.349		394	76		131
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas	20.0			8.9	1110	22.8											40.8	0.367		384	77		133
OREAS 101b (4 Acid) Cert	20.1			8.2	1118	23											36.4	0.35		387	77		133
OREAS 101b (4 Acid) Meas					1100													0.351			76		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						332			> 10.0	10.6		178	202										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas									> 10.0														
OREAS 98 (4 Acid) Cert									15.5														
DNC-1a Meas		1.48	1.5	270		7.3	3.5			0.93	29.5			148				0.274			138		17.0
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.50																0.277			140		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	10.0			2080					1.13														
OREAS 13b (4-Acid) Cert	9.0			2247.000					1.2														
OREAS 13b (4-Acid) Meas									1.12														
OREAS 13b (4-Acid) Cert									1.2														
OREAS 904 (4 ACID) Meas	2.30	0.04		40.5	1000	11.5	146		0.06	1.32	11.7	2	2.8	25.4	0.72		17.1		0.55	9.2	82	2.4	32.4
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas	2.12	0.04		40.0	940	11.0	148		0.06	1.22	10.6	2	2.6	25.7	0.64		17.0		0.55	8.9	82	2.1	33.3
OREAS 904 (4 ACID) Cert	2.12	0.0340		40.1	980	10.6	130		0.0630	1.48	11.2	3.30	2.83	27.2	0.540		14.3		0.520	8.43	76.0	2.12	31.5
OREAS 904 (4 ACID) Meas		0.04			980				0.06												80		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas	2.18		15.4	85.0		37.1	115			1.03	16.4		3.4	171	1.04		12.9	0.502	0.94	5.3	216	1.5	28.5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas																		0.505			218		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	0.47	0.10	1.5	234	360	22.0	42.7		0.05	0.06	51.4		0.6	29.4	< 0.05		16.5	0.297	0.25	2.9	140	< 0.1	11.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas		0.10			390				0.05									0.801			231		
OREAS 45d (4-Acid) Cert		0.101			420.000				0.049									0.773			235.0		
OREAS 96 (4 Acid) Meas						98.2			4.17	3.82		40	59.5										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas									4.01														
OREAS 96 (4 Acid) Cert									4.19														
OREAS 923 (4 Acid) Meas	1.04	0.32	14.6	37.2	620	87.3	182		0.67	1.23	13.0	6	12.7	41.2	1.11		19.2	0.405	0.89	3.2	92	5.2	27.9
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 923 (4 Acid) Meas		0.32			600				0.66									0.397			89		
OREAS 923 (4 Acid) Cert		0.324			630				0.691									0.405			91.0		
OREAS 621 (4 Acid) Meas	13.6	1.31	8.9	27.6	340	> 10000	74.3		4.38	85.7	5.8	4	5.0	67.5			7.2	0.182	2.08	2.8	33	2.2	11.2
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.29			320				4.20									0.178			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas	212	0.63	5.4	70.2	800	9.8	85.9	0.064	2.33	3.50	11.4	3	7.6	75.0	0.35	0.37	3.1	0.349	0.28	42.0	159	109	18.7
OREAS 522 (4 Acid) Cert	206	0.633	5.66	70.0	890	12.5	82.0	0.0980	2.50	7.93	10.9	2.74	9.32	199	0.440	1.14	7.53	0.344	0.290	42.2	164	135	18.5
OREAS 522 (4 Acid) Meas		0.63			800				2.32									0.362			157		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
Oreas 77b (4 Acid Digest) Meas		0.45	3.2	> 10000		58.4	20.9	0.014		6.32	4.1		1.6	33.2	0.26	1.24	7.1	0.063	1.39	1.8	38	2.9	6.9
Oreas 77b (4 Acid Digest) Cert		0.434	3.26	113000		61.0	19.1	0.0220		9.100	3.51		1.59	34.4	0.280	1.35	6.61	0.0640	1.37	1.71	33.6	3.07	6.55
Oreas 77b (4 Acid Digest) Meas		0.45																0.064			36		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
A705215 Orig	0.06	1.77	0.1	14.3	110	15.9	48.2	< 0.002	0.01	< 0.05	6.6	< 1	0.3	269	< 0.05	< 0.05	4.6	0.108	0.29	1.2	22	< 0.1	7.9
A705215 Dup	< 0.05	1.83	< 0.1	13.6	110	16.2	49.3	< 0.002	0.01	< 0.05	6.4	< 1	0.2	273	< 0.05	< 0.05	4.1	0.099	0.29	1.2	27	< 0.1	7.7
A705256 Orig	0.08	2.80	< 0.1	9.4	210	13.1	13.6	< 0.002	0.03	< 0.05	10.4	< 1	< 0.2	369	< 0.05	< 0.05	1.9	0.045	0.10	0.7	16	< 0.1	13.0
A705256 Dup	0.37	2.81	0.8	8.9	230	13.2	13.5	< 0.002	0.03	< 0.05	10.2	< 1	0.3	374	< 0.05	< 0.05	1.9	0.077	0.10	0.6	19	0.5	13.1
A705290 Orig	< 0.05	1.60	0.2	17.4	90	15.4	48.9	< 0.002	0.01	< 0.05	7.0	< 1	< 0.2	231	< 0.05	< 0.05	4.9	0.164	0.33	1.2	29	< 0.1	8.2
A705290 Dup	< 0.05	1.63	< 0.1	16.1	90	15.0	49.3	< 0.002	0.01	< 0.05	6.5	< 1	< 0.2	223	< 0.05	< 0.05	5.0	0.081	0.33	1.3	16	< 0.1	8.5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			2		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.09	< 0.01	< 0.1	< 0.2	< 10	< 0.5	< 0.1	< 0.002	< 0.01	< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2	< 0.005	< 0.02	< 0.1	< 1	< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.19		< 0.1	0.5		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.3	102	46.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas		103	
SDC-1 Cert		103.00	
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas	13.8		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas	13.6		
OREAS 101b (4 Acid) Cert	13.9		
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1290	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1280	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	2.0	57	39.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas		59	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		113	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas	3.3	29	178
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas	3.2	28	108
OREAS 904 (4 ACID) Cert	3.14	26.3	171
OREAS 904 (4 ACID) Meas		28	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas	3.3	186	121

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas		200	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	45	91.1
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas		44	
OREAS 45d (4-Acid) Cert		45.7	
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		440	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.7	350	134
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 923 (4 Acid) Meas		340	
OREAS 923 (4 Acid) Cert		345	
OREAS 621 (4 Acid) Meas	1.0	> 10000	168
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas	2.0	29	121
OREAS 522 (4 Acid) Cert	1.97	30.2	112
OREAS 522 (4 Acid) Meas		29	
OREAS 522 (4 Acid) Cert		30.2	
Oreas 77b (4 Acid Digest) Meas		180	48.4
Oreas 77b (4 Acid Digest) Cert		205	37.9
Oreas 77b (4 Acid Digest) Meas		183	
Oreas 77b (4 Acid Digest) Cert		205	
A705215 Orig	1.0	84	66.9
A705215 Dup	0.9	86	72.3
A705256 Orig	1.4	84	32.5
A705256 Dup	1.4	86	65.9
A705290 Orig	1.0	33	37.2
A705290 Dup	1.0	35	43.8

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1	< 2	< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09214-Au
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

35 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine Total Digestion ICP & ICP/MS

REPORT **A19-09214-Au**

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

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

Date Submitted: 17-Jul-19
Invoice No.: A19-09214-Au
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

35 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-09214-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704702	18
A704704	< 5
A704706	5
A704708	8
A704710	6
A704712	< 5
A704714	6
A704717	12
A704719	15
A704721	10
A704723	9
A704725	6
A704727	10
A704729	11
A704731	9
A704733	12
A704736	< 5
A704739	8
A704742	22
A704744	8
A704746	8
A704750	13
A704754	< 5
A704756	< 5
A704758	18
A704762	< 5
A704772	< 5
A704782	13
A704786	< 5
A704789	< 5
A704791	< 5
A704793	< 5
A704801	9
A704819	5
A704828	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1070
Oreas 221 (Fire Assay) Cert	1060
A704721 Orig	10
A704721 Dup	9
A704744 Orig	8
A704744 Dup	8
A704789 Orig	< 5
A704789 Dup	8
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09214-TD
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

35 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine Total Digestion ICP & ICP/MS

REPORT **A19-09214-TD**

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

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Date Submitted: 17-Jul-19
Invoice No.: A19-09214-TD
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

35 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-09214-TD**

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

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704702	0.07	6.06	< 0.2	450	1.04	0.14	1.14	0.22	29.7	5.5	55	1.54	13.7	2.99	11.7	0.17	1.9	0.039	1.29	13.5	19.2	0.54	245
A704704	0.05	5.33	< 0.2	480	0.82	0.16	1.22	0.10	30.0	5.1	58	1.21	12.4	2.80	16.3	0.11	1.5	0.036	1.30	14.3	11.9	0.54	361
A704706	0.03	6.42	< 0.2	460	1.10	0.11	1.26	0.15	28.4	7.6	57	1.39	14.3	3.51	10.6	0.17	3.1	0.032	1.48	13.3	21.0	0.64	324
A704708	0.08	5.27	< 0.2	490	0.81	0.20	1.33	0.14	25.7	5.8	53	1.41	7.6	4.43	22.6	0.20	1.7	0.028	1.41	12.2	11.1	0.55	423
A704710	0.04	5.24	1.3	470	0.76	0.23	1.64	0.21	24.3	7.5	57	0.97	13.4	5.32	23.2	0.15	0.1	0.038	1.26	10.7	10.1	0.79	524
A704712	0.08	6.33	0.3	520	1.05	0.13	1.19	0.19	40.7	6.3	48	1.53	11.3	2.96	12.6	0.09	0.2	0.029	1.46	16.6	15.1	0.62	294
A704714	0.05	5.21	< 0.2	470	0.77	0.22	1.09	0.17	28.1	5.5	51	1.60	10.0	5.83	24.0	0.14	0.3	0.039	1.35	12.3	12.8	0.56	359
A704717	0.09	5.80	0.4	560	1.04	0.18	1.25	0.11	31.5	7.2	54	2.85	15.2	3.06	13.5	0.15	1.0	0.036	1.89	16.0	19.2	0.67	365
A704719	0.05	5.55	< 0.2	630	0.93	0.17	1.43	0.09	30.0	4.2	46	2.49	7.9	1.67	13.1	0.08	0.7	0.018	1.90	14.9	9.9	0.59	300
A704721	0.11	5.84	< 0.2	600	1.08	0.15	1.48	0.09	32.8	6.4	44	2.43	5.8	1.74	11.5	0.08	1.5	0.022	1.87	16.5	16.5	0.64	324
A704723	0.12	6.28	< 0.2	560	1.21	0.17	1.34	0.13	42.3	9.3	45	3.61	17.5	3.36	13.1	0.12	0.2	0.029	1.68	18.1	27.6	0.89	417
A704725	0.16	6.18	< 0.2	300	0.96	0.13	1.94	0.26	24.6	18.2	59	1.71	40.8	6.96	21.2	0.11	3.0	0.060	0.92	10.8	34.9	1.15	873
A704727	0.11	5.68	2.2	490	0.97	0.18	1.05	0.34	24.9	4.3	45	1.34	9.2	3.15	18.0	0.12	0.9	0.027	1.32	11.8	11.3	0.45	224
A704729	0.12	6.28	< 0.2	640	1.10	0.14	1.75	0.06	29.2	9.1	48	2.87	5.9	2.31	13.8	0.08	0.3	0.039	1.75	14.0	23.1	0.80	406
A704731	0.07	5.42	1.4	540	0.96	0.26	1.19	0.17	25.1	4.8	51	1.70	25.1	3.48	23.4	0.12	1.1	0.026	1.56	12.9	13.6	0.54	248
A704733	0.06	5.83	< 0.2	340	0.83	0.14	3.17	0.15	21.7	18.2	60	1.01	16.6	7.14	24.1	0.18	1.9	0.067	0.98	10.0	14.8	1.21	1370
A704736	0.54	6.44	1.8	520	1.45	0.25	1.02	0.34	47.8	26.0	77	8.21	62.1	3.78	13.2	0.39	2.6	0.042	1.46	22.2	35.4	0.80	1310
A704739	0.11	6.42	0.9	560	1.32	0.09	1.53	0.08	52.3	10.3	69	1.69	9.0	2.89	10.7	0.26	2.4	0.029	1.68	17.0	19.2	0.84	338
A704742	0.07	5.61	< 0.2	560	1.06	0.13	1.53	0.08	27.7	7.7	67	2.11	13.8	2.84	13.5	0.13	0.2	0.022	1.87	14.3	18.3	0.85	332
A704744	0.67	6.22	< 0.2	520	1.51	0.20	1.28	0.21	85.3	10.4	69	5.82	30.8	2.80	12.5	< 0.05	1.1	0.037	1.55	37.0	31.0	0.71	816
A704746	0.05	5.09	2.8	540	1.04	0.15	1.33	0.11	32.6	5.8	61	2.39	13.9	3.27	14.5	0.13	0.1	0.024	1.76	16.1	13.4	0.63	294
A704750	0.12	6.20	< 0.2	240	0.62	0.72	3.50	0.21	22.4	15.9	180	1.91	24.1	5.18	20.1	0.17	1.5	0.057	0.60	10.4	6.2	1.41	1090
A704754	0.10	6.32	< 0.2	130	0.85	0.19	3.94	0.18	22.0	27.7	187	3.53	30.5	8.22	20.7	0.41	2.1	0.061	0.36	9.0	20.6	3.25	1070
A704756	0.13	4.79	< 0.2	370	0.74	0.38	1.52	0.23	32.7	6.7	124	2.70	17.6	4.96	15.1	0.21	1.6	0.029	1.11	16.2	10.7	0.78	648
A704758	0.07	5.51	< 0.2	560	1.00	0.22	1.27	0.13	26.6	5.1	47	3.18	5.0	2.64	22.6	0.11	2.3	0.033	1.67	13.5	14.0	0.59	266
A704762	0.15	6.31	1.5	460	1.13	0.12	1.07	0.26	29.0	5.0	50	1.96	11.6	3.22	11.8	0.07	0.2	0.034	1.56	14.5	14.1	0.39	209
A704772	0.24	5.48	1.8	490	1.07	0.22	1.19	0.58	41.1	92.0	795	4.56	60.4	4.01	12.8	0.09	0.3	0.037	1.38	18.7	35.5	1.81	1320
A704782	0.07	5.23	1.8	480	0.84	0.21	1.29	0.20	25.5	13.1	581	1.91	12.1	3.16	15.6	0.14	0.1	0.026	1.54	12.4	15.5	1.63	338
A704786	0.23	5.23	0.5	500	0.90	0.17	1.34	0.14	27.3	15.2	453	2.39	9.7	3.70	15.1	0.12	0.2	0.033	1.60	13.8	15.0	1.56	423
A704789	0.67	5.76	< 0.2	510	0.93	0.14	1.36	0.16	24.8	6.4	173	1.81	7.6	2.36	14.7	0.14	0.3	0.027	1.58	12.8	13.7	0.75	259
A704791	0.30	6.14	< 0.2	650	1.15	0.17	0.96	0.10	40.9	12.1	92	3.37	12.0	2.67	15.8	0.11	0.3	0.037	2.19	19.7	30.9	0.88	556
A704793	0.11	5.59	1.7	520	1.27	0.20	1.34	0.20	20.1	6.8	102	1.75	5.5	2.71	18.9	0.16	0.2	0.030	1.56	10.3	15.1	0.54	346
A704801	0.86	8.98	1.5	440	2.46	0.37	0.78	0.66	106	81.9	184	5.88	255	5.78	17.9	0.09	2.3	0.076	1.02	47.6	61.0	1.29	3760
A704819	0.07	5.68	< 0.2	500	1.06	0.13	1.53	0.09	20.5	19.0	491	1.88	5.8	3.17	11.7	0.41	3.0	0.015	1.54	9.9	13.4	1.71	390
A704828	0.05	5.46	< 0.2	500	0.85	0.14	1.38	0.12	23.0	14.4	642	1.18	9.8	3.72	14.1	0.17	0.2	0.020	1.52	11.3	12.9	1.17	355

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704702	0.10	1.47	0.2	13.6	330	17.5	39.3	< 0.002	0.04	< 0.05	6.8	< 1	0.5	230	< 0.05	< 0.05	4.7	0.134	0.25	1.4	37	< 0.1	6.7
A704704	0.07	1.45	< 0.1	12.6	250	17.1	37.6	< 0.002	0.03	< 0.05	8.1	< 1	< 0.2	213	< 0.05	< 0.05	4.7	0.073	0.29	1.4	29	< 0.1	7.8
A704706	0.17	1.71	0.2	19.1	270	14.3	39.4	< 0.002	0.03	< 0.05	6.9	< 1	0.5	239	< 0.05	< 0.05	4.0	0.146	0.28	1.0	40	< 0.1	7.8
A704708	0.06	1.53	0.1	12.2	210	18.6	42.7	< 0.002	0.02	< 0.05	7.9	< 1	0.2	224	< 0.05	< 0.05	3.7	0.136	0.26	1.1	53	< 0.1	8.1
A704710	0.10	1.72	0.2	15.7	310	18.1	37.1	< 0.002	0.02	< 0.05	9.4	< 1	< 0.2	290	< 0.05	< 0.05	3.2	0.244	0.25	1.1	96	< 0.1	8.4
A704712	0.15	1.59	0.2	16.4	380	16.3	41.3	< 0.002	0.03	< 0.05	6.0	< 1	0.3	229	< 0.05	< 0.05	5.0	0.258	0.29	1.2	58	< 0.1	7.5
A704714	0.06	1.47	0.2	10.7	310	20.2	43.4	< 0.002	0.03	< 0.05	8.0	< 1	< 0.2	223	< 0.05	< 0.05	4.0	0.152	0.28	1.2	68	< 0.1	7.6
A704717	0.08	1.71	< 0.1	16.9	260	20.7	56.2	< 0.002	0.02	< 0.05	6.6	< 1	0.4	239	< 0.05	< 0.05	4.6	0.121	0.38	1.3	32	< 0.1	7.9
A704719	0.05	1.89	0.3	13.0	120	20.1	56.1	< 0.002	0.01	< 0.05	7.4	< 1	< 0.2	270	< 0.05	< 0.05	4.5	0.068	0.35	1.3	16	< 0.1	7.8
A704721	< 0.05	2.01	0.1	16.3	140	17.6	56.6	< 0.002	0.01	< 0.05	6.7	< 1	< 0.2	290	< 0.05	< 0.05	4.8	0.068	0.35	1.3	14	< 0.1	8.3
A704723	0.09	1.75	0.2	19.3	270	16.2	57.8	< 0.002	0.02	< 0.05	7.9	< 1	0.4	271	< 0.05	< 0.05	5.1	0.248	0.44	1.7	49	< 0.1	9.8
A704725	0.07	1.40	< 0.1	19.9	300	13.0	32.6	< 0.002	0.03	< 0.05	21.2	< 1	< 0.2	165	< 0.05	< 0.05	3.4	0.198	0.24	0.9	116	< 0.1	16.0
A704727	0.16	1.57	0.2	11.5	350	20.0	39.7	0.002	0.05	< 0.05	5.7	< 1	0.3	246	< 0.05	< 0.05	3.7	0.227	0.26	1.1	71	< 0.1	6.2
A704729	0.09	2.21	0.2	17.3	130	17.4	60.7	< 0.002	0.01	< 0.05	8.1	< 1	< 0.2	363	< 0.05	< 0.05	3.3	0.214	0.39	1.0	43	< 0.1	8.5
A704731	0.07	1.72	0.1	16.6	220	22.0	50.3	< 0.002	0.03	< 0.05	6.6	< 1	< 0.2	271	< 0.05	< 0.05	3.7	0.132	0.31	1.1	58	< 0.1	6.9
A704733	0.07	1.72	< 0.1	18.5	230	12.0	31.0	< 0.002	0.02	< 0.05	23.6	< 1	< 0.2	180	< 0.05	< 0.05	2.7	0.217	0.19	0.7	120	< 0.1	17.0
A704736	5.50	1.21	4.4	34.0	660	17.9	67.6	< 0.002	0.05	0.13	7.7	< 1	1.2	181	0.27	< 0.05	6.2	0.350	0.94	3.0	93	0.4	10.4
A704739	0.27	2.08	2.2	33.1	530	14.8	50.5	< 0.002	0.02	< 0.05	7.6	< 1	0.7	314	0.11	< 0.05	5.2	0.237	0.30	0.9	55	< 0.1	8.0
A704742	0.16	1.88	0.3	30.1	180	16.1	54.9	< 0.002	0.01	< 0.05	7.2	< 1	0.2	293	< 0.05	< 0.05	4.0	0.265	0.33	1.1	68	< 0.1	7.6
A704744	7.89	1.55	3.3	52.9	630	16.9	60.7	< 0.002	0.04	0.08	7.5	< 1	0.8	248	0.17	< 0.05	7.1	0.326	0.59	2.2	74	0.3	15.2
A704746	1.69	1.74	1.7	18.6	690	19.6	53.8	< 0.002	0.02	< 0.05	6.0	< 1	0.4	285	< 0.05	< 0.05	4.7	0.319	0.33	1.4	85	0.2	8.1
A704750	0.24	1.81	< 0.1	41.7	150	12.2	17.3	< 0.002	0.01	< 0.05	24.0	< 1	< 0.2	185	< 0.05	< 0.05	2.6	0.120	0.15	0.9	68	< 0.1	12.8
A704754	30.4	2.17	2.7	54.5	430	8.4	14.0	0.003	0.02	< 0.05	34.6	< 1	0.4	276	0.08	< 0.05	1.3	0.471	0.13	0.5	238	< 0.1	16.6
A704756	1.64	1.17	0.1	22.4	450	17.9	36.3	< 0.002	0.04	< 0.05	8.7	< 1	0.6	163	< 0.05	< 0.05	4.3	0.152	0.30	1.4	63	< 0.1	8.7
A704758	0.25	1.84	< 0.1	14.0	230	21.1	54.9	0.002	0.02	< 0.05	6.2	< 1	< 0.2	310	< 0.05	< 0.05	4.0	0.077	0.33	1.1	29	< 0.1	6.9
A704762	2.27	1.51	2.9	18.9	630	16.3	46.2	< 0.002	0.04	0.08	5.9	< 1	0.5	219	0.06	0.09	4.9	0.258	0.28	1.3	61	0.4	7.4
A704772	1.30	1.08	3.5	419	770	21.6	81.3	< 0.002	0.05	0.10	8.7	< 1	1.0	168	0.13	< 0.05	5.0	0.340	0.36	1.8	82	0.4	10.0
A704782	0.79	1.53	1.3	126	690	16.3	55.5	< 0.002	0.02	< 0.05	7.8	< 1	0.5	207	0.08	0.05	3.7	0.316	0.30	1.1	81	0.2	7.1
A704786	0.06	1.57	0.1	110	350	15.8	66.3	< 0.002	0.02	< 0.05	7.7	< 1	< 0.2	219	< 0.05	< 0.05	4.5	0.172	0.35	1.2	46	< 0.1	8.1
A704789	0.09	1.84	0.3	35.5	260	16.7	57.8	< 0.002	0.03	< 0.05	5.7	< 1	0.3	245	< 0.05	< 0.05	4.0	0.243	0.30	1.1	47	< 0.1	7.0
A704791	< 0.05	1.44	< 0.1	51.9	230	16.6	104	< 0.002	0.01	< 0.05	7.2	< 1	< 0.2	207	< 0.05	< 0.05	6.0	0.093	0.49	1.6	24	< 0.1	8.3
A704793	0.41	1.95	0.4	25.3	670	23.3	61.6	< 0.002	0.02	< 0.05	5.5	< 1	0.6	261	< 0.05	< 0.05	3.9	0.267	0.33	1.1	64	< 0.1	6.0
A704801	9.41	0.42	9.6	702	1080	20.5	68.8	0.002	0.07	0.21	11.5	< 1	1.7	93.3	0.61	0.07	15.8	0.315	0.82	3.1	100	0.9	19.6
A704819	0.39	2.17	1.0	157	390	14.4	48.6	< 0.002	0.01	< 0.05	6.7	< 1	0.5	285	0.06	< 0.05	2.8	0.189	0.25	0.8	50	< 0.1	5.6
A704828	0.14	1.94	0.2	134	200	15.1	48.5	< 0.002	0.02	< 0.05	6.0	< 1	< 0.2	273	< 0.05	< 0.05	3.7	0.260	0.24	0.9	73	< 0.1	6.6

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704702	0.8	40	102
A704704	1.0	28	74.8
A704706	0.9	31	129
A704708	1.0	38	80.2
A704710	1.1	55	15.3
A704712	0.9	53	22.4
A704714	1.0	76	26.7
A704717	1.0	56	61.2
A704719	1.0	37	48.9
A704721	1.0	35	86.8
A704723	1.1	76	25.5
A704725	1.9	174	136
A704727	0.7	36	76.3
A704729	1.0	49	33.6
A704731	0.8	45	72.4
A704733	2.0	86	83.4
A704736	1.2	133	125
A704739	0.8	39	125
A704742	1.0	37	25.7
A704744	1.6	76	73.2
A704746	1.0	37	23.4
A704750	1.6	93	68.0
A704754	1.9	83	83.5
A704756	1.0	42	69.5
A704758	0.8	37	104
A704762	0.8	39	33.3
A704772	1.1	134	29.8
A704782	0.9	67	19.3
A704786	1.0	75	17.3
A704789	0.9	51	32.7
A704791	1.1	75	24.1
A704793	0.8	82	14.6
A704801	2.0	134	91.8
A704819	0.7	58	132
A704828	0.8	61	24.0

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.74	< 0.2	630	2.87		1.06		85.6	17.6	43	4.40	27.9	4.88	24.7		0.6		2.63	38.2	34.6	1.03	897
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.97	< 0.2	650	2.95		1.07		88.4	17.5	42	4.17	27.3	5.02	24.8		0.7		2.65	39.7	34.5	1.06	874
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.85	< 0.2	650	3.04		1.07		91.1	18.3	47	3.91	38.8	5.00	25.6		0.7		2.45	39.7	35.3	1.05	910
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas			< 0.2		2.90				90.6	17.3		4.10	29.0		16.6		0.8			42.7	35.1		
SDC-1 Cert			0.220		3.00				93.00	18.0		4.00	30.000		21.00		8.30			42.00	34.0		
Oreas 72a (4 Acid Digest) Meas											147			8.68									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											153			8.91									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											152			8.83									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														10.4					2.14			1.23	894
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.4					2.22			1.24	941
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	45.1					93.5				122			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas	45.7					91.4				127			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				100			7.18			57.9	127		89.4	6.87	13.5					3.5	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.16			56.3	129		89.7	6.87	13.6					3.4	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.11			54.7	124		93.3	6.82	15.1					3.6	4.5		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas										56.4			99.2		14.6					3.6	4.8		
DNC-1a Cert										57			100		15					3.6	5.2		
OREAS 13b	0.88		46.0							71.9	9120		2220										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.94		56.6							76.2	8770		2210										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.86		48.3							68.4			2110										
OREAS 13b (4-Acid) Cert	0.86		57							75			2327.000										
OREAS 904 (4 ACID) Meas		6.21		200			0.05				61			6.92					3.31			0.60	469
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas			23.0	840	3.13	0.64		0.30	62.0	21.1	100	6.79	27.0		26.9		3.3			24.9	159		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			17.9	790	3.37	0.65		0.31	106	21.8	96	9.09	27.2		30.1		2.7			48.4	163		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			23.6	760	3.08	0.68		0.33	102	22.0	101	8.05	29.4		23.9		3.4			49.8	160		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			21.9		3.38	0.69		0.40	103	21.6		7.96	29.7		19.3		3.4			46.8	162		
SBC-1 Cert			25.7		3.20	0.70		0.40	108.0	22.7		8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		7.72	8.5	180	0.77	0.27	0.20		34.7	30.4	496	4.13	354	14.6	22.0		2.7	0.091	0.40	15.7	21.0	0.25	533
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.62	5.8	180	0.78	0.33	0.19		35.3	28.9	522	3.36	362	14.3	24.7		1.1	0.085	0.39	15.7	19.8	0.25	525
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					26.2				51.5			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.2					27.8				48.4			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.1					26.4				47.1			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.74	7.49	5.5	460	2.38	18.6	0.54	0.32	82.9	23.4	78	7.14	4640	7.20	22.2		3.4	0.500	2.55	41.4	31.0	1.90	1080
OREAS 923 (4	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.87	7.16	3.4	440	2.42	19.2	0.52	0.32	83.3	22.6	72	6.29	4330	6.91	17.6		3.8	0.569	2.44	41.5	29.8	1.83	1000
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	66.4	6.28	74.1		1.83	3.84	2.10	256	46.5	28.9	27	3.13	3800	3.88	29.9		4.5	1.79	2.08	17.8	13.8	0.53	523
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas	67.0	6.18	69.8		1.64	4.06	2.08	273	45.4	27.4	26	3.04	3700	3.84	28.9		4.6	1.86	2.04	17.4	14.2	0.53	540
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		6.37					2.12				25			3.92					1.98			0.54	528
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.37					3.33				30			22.4					2.52			1.08	3630
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
Oreas 77b (4 Acid Digest) Meas		1.52		70			2.40				193			24.2					0.28			2.22	557
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
Oreas 77b (4 Acid Digest) Meas		1.51		80			2.41				200			24.1					0.28			2.21	559
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
A704717 Orig	0.10	5.80	0.3	560	1.07	0.19	1.26	0.09	32.3	7.3	56	2.93	15.6	3.11	14.2	0.16	0.6	0.038	1.89	16.2	19.4	0.68	370
A704717 Dup	0.09	5.80	0.6	560	1.01	0.18	1.25	0.13	30.8	7.1	53	2.76	14.8	3.01	12.9	0.15	1.4	0.034	1.89	15.9	18.9	0.66	360
A704750 Orig	0.12	6.21	< 0.2	240	0.66	0.72	3.46	0.18	22.7	15.7	176	1.96	24.4	5.17	19.9	0.15	1.3	0.050	0.60	10.7	6.2	1.39	1060
A704750 Dup	0.12	6.18	< 0.2	240	0.59	0.72	3.53	0.24	22.2	16.1	183	1.86	23.9	5.20	20.4	0.18	1.8	0.065	0.59	10.2	6.1	1.42	1110
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				2			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		0.3		< 0.05	< 0.01		< 0.02	0.08	< 0.1		< 0.05	< 0.2		0.16	< 0.05	< 0.1	0.009		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	< 0.2		0.13	< 0.05	< 0.1	0.006		< 0.5	< 0.2		

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.52	< 0.1	33.0	600	23.3	131			< 0.05	15.6		0.2	167	< 0.05		11.5	0.072	0.62	2.6	29	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.56	< 0.1	32.1	600	22.9	119			< 0.05	14.5		< 0.2	172	< 0.05		11.9	0.068	0.63	2.6	30	0.2	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.54	0.1	32.0	600	26.0	133			< 0.05	15.8		< 0.2	186	< 0.05		11.8	0.082	0.63	2.6	35	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas			< 0.1	30.7		27.4	125			< 0.05	14.5		< 0.2	181	< 0.05		13.1		0.68	2.9		< 0.1	
SDC-1 Cert			21.00	38.0		25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00		0.70	3.10		0.80	
Oreas 72a (4 Acid Digest) Meas									1.61														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1110													0.330			79		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.345			80		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						369			> 10.0	7.78		133	190										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						360			> 10.0	8.23		143	196										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.37	1.5	261		6.0	3.9			0.71	31.7			138				0.267			137		14.6
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	265		6.6	3.9			0.86	31.5			141				0.272			138		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	243		6.2	3.6			0.63	30.2			139				0.269			137		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas			1.4	241		6.3	3.7			0.60	29.3			141									15.5
DNC-1a Cert			3	247		6.3	5			0.96	31			144									18.0
OREAS 13b	9.90			2310					1.17														

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 13b (4-Acid) Meas	9.30			2020					1.15														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 13b (4-Acid) Meas	8.54			1960																			
OREAS 13b (4-Acid) Cert	9.0			2247.0 000																			
OREAS 904 (4 ACID) Meas		0.04			1090				0.06												86		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas	2.14		14.8	84.8		33.2	61.7			0.92	13.9		3.3	162	0.99		7.6	0.484	0.89	4.4	209	1.7	22.1
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.23		8.0	83.7		33.4	144			0.72	19.7		2.7	175	0.35		15.7	0.482	0.89	5.6	215	1.1	29.3
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.19		15.3	77.6		38.6	151			0.85	19.1		3.4	183	0.99		15.9	0.480	0.89	5.6	217	1.6	29.4
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.01		15.0	76.1		38.0	153			0.80	19.2		3.3	179	1.04		16.0		0.91	5.7		1.6	29.8
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8		0.89	5.76		1.60	36.5
OREAS 45d (4-Acid) Meas	0.64	0.10	1.3	231	380	19.4	44.3		0.04	< 0.05	51.4		0.5	29.1	< 0.05		14.1	0.130	0.24	2.5	99	< 0.1	9.6
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	0.22	0.10	0.1	202	380	22.3	41.5		0.05	< 0.05	47.2		0.5	29.2	< 0.05		14.7	0.241	0.25	2.6	131	< 0.1	10.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						94.6			4.30	4.71		39	62.9										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						106			4.27	3.16		33	61.6										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						102				3.24		32	60.5										
OREAS 96 (4 Acid) Cert						101				5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	1.01	0.34	14.1	37.5	710	76.4	173		0.76	1.09	13.0	6	12.9	41.5	0.85		16.5	0.420	0.86	3.0	98	4.7	24.7
OREAS 923 (4	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.00	0.33	13.9	33.2	670	91.5	169		0.73	1.01	12.4	4	13.1	40.4	0.93		16.8	0.397	0.87	3.1	93	5.3	25.4
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	12.9	1.34	8.3	22.2	390	> 10000	86.9		4.65	13.6	6.1	4	4.9	64.7			4.4	0.181	2.00	2.8	35	1.6	12.3
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas	12.7	1.32	8.7	26.2	380	> 10000	81.8		4.64	15.8	6.3	5	5.2	64.2			4.5	0.181	2.05	2.8	35	1.6	11.9
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.35			390				4.73									0.184			34		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.58			850				2.29									0.328			158		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
Oreas 77b (4 Acid Digest) Meas		0.36																0.055			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
Oreas 77b (4 Acid Digest) Meas		0.36																0.054			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
A704717 Orig	0.07	1.71	< 0.1	17.3	250	21.0	57.4	< 0.002	0.02	< 0.05	6.6	< 1	0.3	242	< 0.05	< 0.05	4.6	0.126	0.39	1.3	31	< 0.1	8.0
A704717 Dup	0.09	1.71	0.2	16.4	260	20.3	55.1	< 0.002	0.02	< 0.05	6.5	< 1	0.4	236	< 0.05	< 0.05	4.5	0.115	0.38	1.3	33	< 0.1	7.8
A704750 Orig	0.19	1.81	< 0.1	41.0	150	12.2	17.7	< 0.002	0.01	< 0.05	24.4	< 1	< 0.2	184	< 0.05	< 0.05	2.7	0.115	0.15	1.0	64	< 0.1	12.4
A704750 Dup	0.29	1.80	< 0.1	42.3	150	12.2	17.0	< 0.002	0.01	< 0.05	23.6	< 1	< 0.2	186	< 0.05	< 0.05	2.6	0.125	0.14	0.9	72	< 0.1	13.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.2	112	21.6
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.2	111	22.9
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.4	113	29.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.5		35.6
SDC-1 Cert	4.00		290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1330	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1320	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	64	38.0
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	62	38.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	62	42.9
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0		45.0
DNC-1a Cert	2.0		38.0
OREAS 13b		141	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
(4-Acid) Meas			
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas			
OREAS 13b (4-Acid) Cert			
OREAS 904 (4 ACID) Meas		29	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas	2.9	190	119
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.3	194	108
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.4	192	141
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.5		139
SBC-1 Cert	3.64		134.0
OREAS 45d (4-Acid) Meas	1.3	47	105
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.4	46	49.8
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		473	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		458	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas			
OREAS 96 (4 Acid) Cert			
OREAS 923 (4 Acid) Meas	2.5	376	127
OREAS 923 (4	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Acid) Cert			
OREAS 923 (4 Acid) Meas	2.6	359	159
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.0	> 10000	202
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas	1.1	> 10000	203
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		29	
OREAS 522 (4 Acid) Cert		30.2	
Oreas 77b (4 Acid Digest) Meas		181	
Oreas 77b (4 Acid Digest) Cert		205	
Oreas 77b (4 Acid Digest) Meas		178	
Oreas 77b (4 Acid Digest) Cert		205	
A704717 Orig	1.0	56	45.2
A704717 Dup	1.0	56	77.2
A704750 Orig	1.6	92	60.2
A704750 Dup	1.6	95	75.7
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		3	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.8

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09212-Au
Invoice Date: 25-Jul-19
Your Reference: RAV

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: President Gordon McKinnon

CERTIFICATE OF ANALYSIS

94 Humus samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins Au - Fire Assay AA

REPORT **A19-09212-Au**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704701	18
A704703	27
A704705	28
A704707	8
A704709	5
A704711	30
A704713	29
A704715	16
A704716	16
A704718	27
A704720	21
A704722	< 5
A704724	28
A704726	8
A704728	19
A704730	28
A704732	15
A704734	12
A704735	30
A704737	7
A704738	18
A704740	22
A704741	12
A704743	27
A704745	24
A704747	34
A704748	34
A704749	29
A704751	12
A704752	9
A704753	16
A704755	17
A704757	14
A704759	17
A704760	29
A704761	25
A704763	26
A704764	27
A704765	24
A704766	20
A704767	26
A704768	22

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704769	24
A704770	24
A704771	24
A704773	24
A704774	27
A704775	29
A704776	21
A704777	24
A704778	29
A704779	25
A704780	29
A704781	39
A704783	32
A704784	29
A704785	30
A704787	29
A704788	39
A704790	44
A704792	29
A704794	32
A704795	31
A704796	32
A704797	31
A704798	32
A704799	37
A704800	29
A704802	23
A704803	34
A704804	27
A704805	25
A704806	37
A704807	36
A704808	41
A704809	30
A704810	23
A704811	25
A704812	31
A704813	32
A704814	35
A704815	38
A704816	35
A704817	34

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704818	39
A704820	26
A704821	39
A704822	27
A704823	31
A704824	40
A704825	35
A704826	35
A704827	27
A704829	28

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1040
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1060
Oreas 221 (Fire Assay) Cert	1060
Oreas 221 (Fire Assay) Meas	1070
Oreas 221 (Fire Assay) Cert	1060
A704718 Orig	27
A704718 Dup	26
A704737 Orig	6
A704737 Dup	7
A704752 Orig	9
A704752 Dup	9
A704771 Orig	23
A704771 Dup	25
A704783 Orig	34
A704783 Dup	29
A704797 Orig	27
A704797 Dup	34
A704813 Orig	31
A704813 Dup	33
A704824 Orig	37
A704824 Dup	42
Method Blank	5
Method Blank	5
Method Blank	< 5
Method Blank	5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09212-TD
Invoice Date: 21-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

94 Humus samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-09212-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704701	0.13	0.54	3.1	160	0.11	0.23	0.35	0.57	5.17	1.2	12	0.35	6.7	0.26	0.12	0.06	< 0.1	0.013	0.15	2.9	1.4	0.07	85
A704703	0.15	3.18	1.6	340	0.51	0.34	1.07	0.37	19.1	3.7	32	0.87	8.2	1.15	5.82	0.50	0.4	0.036	0.67	9.9	5.0	0.35	300
A704705	0.19	1.16	2.7	190	0.25	0.35	0.58	0.63	8.93	1.6	13	0.68	8.7	0.56	1.61	0.08	0.3	0.026	0.34	4.7	2.6	0.13	102
A704707	0.23	1.75	3.0	240	0.33	0.41	0.77	0.72	12.2	2.0	24	1.06	8.5	1.02	3.46	0.10	< 0.1	0.030	0.48	6.2	4.0	0.19	213
A704709	0.12	1.99	4.3	230	0.33	0.42	0.62	0.77	12.4	2.2	29	1.03	9.1	1.03	3.27	0.18	< 0.1	0.031	0.54	6.5	3.8	0.23	204
A704711	0.18	2.15	3.3	340	0.47	0.41	0.92	0.84	17.9	2.3	25	1.29	9.6	1.05	1.35	0.24	0.3	0.035	0.62	8.9	4.7	0.29	573
A704713	0.08	1.19	3.1	210	0.28	0.42	0.67	1.19	9.81	1.6	17	0.82	7.3	0.65	1.96	0.11	< 0.1	0.038	0.32	4.9	3.0	0.13	128
A704715	0.22	5.38	< 0.2	220	0.76	0.20	2.71	1.24	60.8	24.7	108	1.31	60.0	5.59	17.1	0.11	0.8	0.069	0.35	25.9	21.6	2.84	1240
A704716	0.27	3.07	1.3	320	0.65	0.37	0.76	0.64	26.6	5.3	51	1.85	19.9	1.33	5.54	0.50	0.4	0.027	0.75	12.9	7.9	0.43	241
A704718	0.21	3.26	3.5	310	0.59	0.37	0.67	0.37	23.2	2.9	29	1.77	26.9	1.23	7.00	0.37	0.2	0.038	0.83	11.2	5.9	0.29	174
A704720	0.19	1.13	0.9	240	0.52	0.29	0.76	0.94	18.6	4.4	15	1.00	10.7	0.49	1.48	0.10	< 0.1	0.033	0.35	8.5	2.8	0.14	562
A704722	0.41	2.26	1.5	190	1.28	0.35	0.34	0.85	51.5	6.8	23	1.42	23.9	0.93	1.93	0.10	0.1	0.032	0.33	22.9	4.1	0.13	192
A704724	0.34	1.70	3.6	180	0.32	0.35	0.87	0.72	10.7	3.3	25	0.73	10.6	1.41	4.38	0.29	0.5	0.048	0.36	5.1	3.3	0.29	328
A704726	0.31	1.53	2.8	290	0.31	0.39	0.79	0.91	11.9	1.5	15	1.15	9.3	0.61	2.00	0.19	0.1	0.027	0.49	5.9	3.8	0.15	192
A704728	0.37	2.25	3.4	320	0.59	0.45	1.03	0.34	22.9	5.4	28	1.66	9.6	0.85	3.60	0.25	0.3	0.037	0.62	11.5	6.0	0.24	279
A704730	0.21	0.90	5.3	210	0.18	0.38	0.61	0.89	8.35	1.4	13	0.74	7.5	0.43	1.15	0.10	< 0.1	0.027	0.30	4.1	2.5	0.11	233
A704732	0.23	2.20	3.4	290	0.38	0.32	1.21	0.90	13.2	4.9	24	0.89	10.8	1.54	4.56	0.08	< 0.1	0.046	0.53	6.3	4.8	0.34	551
A704734	0.38	4.44	3.2	330	0.98	0.25	1.15	2.37	56.7	77.8	68	3.31	44.5	6.11	8.78	< 0.05	0.2	0.067	0.71	17.0	23.4	0.82	8410
A704735	0.93	4.11	8.0	320	1.95	0.45	0.57	0.77	64.7	162	50	5.31	56.7	3.09	7.72	0.10	0.3	0.047	0.73	24.1	15.7	0.39	6720
A704737	0.26	3.40	0.9	390	0.65	0.29	1.01	0.36	25.2	6.6	38	2.14	28.8	1.29	6.53	0.37	0.2	0.022	0.97	12.4	7.1	0.47	432
A704738	0.11	2.15	0.9	320	0.44	0.23	0.94	0.46	12.8	2.3	38	1.00	6.6	0.59	2.41	0.13	< 0.1	0.021	0.65	6.6	3.0	0.26	222
A704740	0.18	0.96	3.6	270	0.30	0.41	0.50	0.76	9.43	2.2	45	0.78	10.3	0.47	0.52	0.08	< 0.1	0.044	0.26	4.7	2.1	0.19	127
A704741	0.29	1.85	2.0	290	0.38	0.32	1.01	0.66	13.3	3.1	32	0.81	53.8	0.83	2.23	0.14	0.2	0.032	0.56	6.6	3.4	0.34	205
A704743	0.31	2.22	1.6	340	0.58	0.36	1.23	0.56	49.4	3.0	30	2.12	7.7	0.87	3.31	< 0.05	0.2	0.035	0.63	36.9	5.1	0.33	220
A704745	0.09	3.01	3.2	370	0.62	0.28	1.03	0.70	21.6	3.6	41	1.67	13.1	1.08	5.34	0.07	< 0.1	0.030	0.89	9.9	4.0	0.46	241
A704747	0.39	1.07	3.2	110	0.25	0.26	0.65	0.38	14.2	5.1	51	0.82	11.2	1.12	1.63	0.06	0.2	0.032	0.18	6.5	1.5	0.41	193
A704748	0.05	4.25	< 0.2	150	0.46	0.37	4.27	0.60	26.2	28.8	437	0.62	9.5	7.38	11.7	0.37	1.5	0.045	0.57	9.6	8.1	2.01	1580
A704749	0.14	2.11	3.4	150	0.35	0.40	0.96	0.67	9.79	3.6	53	1.21	7.3	0.97	4.05	0.13	0.2	0.044	0.28	4.5	2.3	0.32	270
A704751	0.06	5.13	0.3	100	0.43	0.38	3.47	0.55	14.8	21.1	248	0.78	30.8	6.87	16.1	0.44	1.1	0.062	0.30	6.5	5.5	1.91	1450
A704752	0.27	3.32	1.0	350	0.66	0.34	1.17	0.51	26.9	6.0	68	3.38	67.2	2.07	8.25	0.20	0.1	0.038	0.78	12.1	7.0	0.79	329
A704753	0.06	5.35	< 0.2	130	0.75	0.24	4.06	0.19	20.3	22.0	191	0.89	9.9	6.17	16.0	0.19	1.4	0.061	0.34	7.3	6.3	3.10	1020
A704755	0.13	3.65	1.5	350	0.65	0.42	1.43	0.21	25.4	5.0	87	1.57	9.1	2.12	9.19	0.07	0.1	0.036	1.00	12.1	6.3	0.64	587
A704757	0.19	2.56	3.6	380	0.44	0.28	0.77	0.71	17.4	2.0	25	1.57	7.7	0.73	2.94	0.22	0.1	0.022	0.72	8.8	3.8	0.22	172
A704759	0.12	2.26	4.1	290	0.54	0.48	0.71	0.65	15.8	2.6	45	1.25	7.6	0.99	3.95	0.23	0.2	0.028	0.59	7.5	4.2	0.30	219
A704760	0.54	2.35	1.4	350	0.57	0.30	0.83	0.67	27.1	2.7	27	1.55	8.3	0.81	3.23	0.22	0.1	0.037	0.72	14.0	4.6	0.24	178
A704761	0.54	1.30	0.8	220	0.21	0.20	0.72	0.73	10.8	1.4	14	0.92	7.5	0.44	1.36	0.12	0.1	0.015	0.53	5.4	2.7	0.16	367
A704763	0.17	1.37	2.3	300	0.38	0.43	0.57	1.41	11.8	2.1	19	0.80	19.3	0.53	1.47	0.13	< 0.1	0.048	0.43	6.3	2.8	0.15	125
A704764	0.21	4.22	1.9	420	1.00	0.29	1.67	0.47	45.8	11.0	216	1.97	23.2	2.76	9.00	0.14	0.3	0.043	1.05	23.7	11.6	1.04	598
A704765	0.13	3.50	5.3	340	0.78	0.33	1.54	0.63	48.3	16.8	169	1.76	15.1	3.02	7.41	0.10	0.5	0.059	0.76	27.3	12.9	1.05	1100
A704766	0.08	1.00	2.9	60	0.15	0.10	0.21	0.31	6.00	1.2	28	0.17	16.5	0.23	1.37	0.06	0.1	0.014	0.09	3.3	0.7	0.06	118
A704767	0.08	3.14	1.1	260	0.50	0.47	1.13	1.26	26.9	10.5	67	1.41	39.5	2.19	13.5	0.17	< 0.1	0.066	0.53	13.2	6.9	0.93	639
A704768	0.17	2.81	1.0	360	0.58	0.33	0.65	0.45	26.8	9.3	1240	1.34	11.9	1.29	3.94	0.29	0.3	0.030	0.82	13.3	5.8	0.39	448

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704769	0.09	1.62	3.2	160	0.27	0.38	0.87	1.30	11.8	4.4	18	1.14	24.1	1.39	4.12	0.27	0.1	0.032	0.36	5.9	3.8	0.40	430
A704770	0.52	2.93	3.7	280	1.05	0.32	1.03	1.76	47.0	169	133	2.62	46.4	2.76	4.80	< 0.05	0.3	0.060	0.39	17.7	10.2	0.44	3770
A704771	0.33	2.39	2.6	240	0.67	0.31	1.72	1.17	37.5	52.4	101	1.98	48.7	1.81	3.37	< 0.05	0.3	0.039	0.40	16.7	7.9	0.60	1050
A704773	0.09	1.70	4.2	220	0.33	0.40	1.00	1.17	15.5	5.6	35	1.16	30.9	1.07	3.96	0.17	< 0.1	0.050	0.35	7.8	4.1	0.35	208
A704774	0.84	1.53	5.6	220	0.35	0.63	0.24	2.93	15.5	2.3	20	0.88	26.9	1.27	3.30	0.14	0.1	0.054	0.45	8.3	3.9	0.12	165
A704775	0.55	2.61	16.2	240	0.61	0.48	0.58	1.26	26.7	15.0	76	2.37	40.3	2.80	7.58	0.13	0.1	0.073	0.56	13.1	8.7	0.44	787
A704776	0.08	2.15	2.7	280	0.44	0.42	0.72	0.81	18.4	7.5	1090	0.78	11.3	1.11	4.46	0.22	0.1	0.044	0.52	9.2	4.4	0.47	400
A704777	0.18	3.03	0.2	410	0.55	0.44	0.73	0.78	31.4	2.9	70	1.35	33.7	1.18	9.11	0.71	0.2	0.037	0.83	15.4	6.4	0.29	638
A704778	0.40	2.99	3.7	310	0.78	0.38	1.20	1.38	34.4	19.3	189	2.65	46.3	1.58	4.58	0.07	0.2	0.041	0.68	18.7	12.1	0.56	763
A704779	0.17	3.62	1.1	440	0.73	0.39	1.04	0.84	28.7	8.6	1070	1.33	13.9	1.24	7.12	0.36	0.6	0.031	1.07	14.1	6.6	0.43	524
A704780	0.22	1.70	3.8	220	0.37	0.42	0.89	0.96	20.0	5.3	20	0.99	31.5	1.13	3.70	0.21	0.1	0.044	0.40	10.8	4.2	0.26	306
A704781	0.13	2.07	3.1	320	0.47	0.54	0.83	1.24	17.0	5.3	279	1.49	12.9	1.04	3.44	0.12	0.3	0.044	0.60	8.5	5.3	0.55	1260
A704783	0.20	1.20	2.3	200	0.40	0.48	0.73	0.65	13.0	3.5	18	0.98	11.9	0.71	2.04	0.09	0.1	0.034	0.34	6.8	3.9	0.14	146
A704784	0.58	4.89	< 0.2	270	1.57	0.23	0.87	0.93	80.8	17.5	106	2.04	49.3	2.10	6.71	< 0.05	< 0.1	0.038	0.60	35.6	24.9	0.54	306
A704785	0.20	1.35	1.5	310	0.42	0.35	0.93	1.52	12.4	5.1	70	1.16	16.0	0.63	1.48	0.13	0.1	0.034	0.48	6.3	3.6	0.20	916
A704787	0.35	1.68	4.1	240	0.40	0.44	0.57	0.89	14.5	3.1	57	1.30	15.7	0.85	3.17	0.15	< 0.1	0.043	0.47	7.3	4.8	0.24	139
A704788	0.90	2.25	2.6	330	0.47	0.31	1.00	0.95	14.3	3.4	138	0.77	9.6	0.80	3.28	0.11	0.2	0.031	0.56	7.3	3.7	0.29	228
A704790	1.08	2.31	2.2	450	0.67	0.47	0.91	0.87	29.0	14.7	34	1.54	14.0	1.09	3.15	0.13	0.2	0.038	0.70	14.0	8.0	0.27	690
A704792	0.14	3.26	1.7	440	0.64	0.25	0.90	0.44	22.5	2.6	239	1.26	7.9	0.91	4.61	0.40	0.4	0.023	0.93	11.4	5.3	0.25	236
A704794	0.52	2.74	2.9	380	0.63	0.48	0.80	1.49	26.3	5.7	46	2.31	20.3	1.14	4.80	0.14	< 0.1	0.040	0.69	13.3	6.6	0.27	223
A704795	0.47	5.89	2.5	430	1.22	0.29	0.81	0.66	43.4	57.5	179	3.60	39.5	3.68	11.6	0.33	1.9	0.048	1.05	21.5	42.4	0.99	833
A704796	0.25	1.65	2.1	390	0.34	0.37	0.98	1.29	14.6	21.9	985	1.35	11.3	0.92	1.44	0.13	0.2	0.028	0.56	7.3	4.5	0.45	3770
A704797	0.53	4.80	2.6	370	1.06	0.28	0.94	0.58	38.9	16.3	406	3.40	35.7	2.71	11.1	0.33	0.4	0.042	0.97	18.6	20.1	0.85	473
A704798	0.14	1.98	2.8	290	0.48	0.41	0.63	1.40	17.4	8.5	704	1.60	17.3	1.07	3.42	0.12	< 0.1	0.048	0.51	8.7	5.2	0.46	670
A704799	0.15	2.07	< 0.2	160	0.87	0.19	2.16	1.35	81.5	13.7	58	0.47	66.6	0.61	0.80	< 0.05	0.2	0.022	0.16	50.5	3.1	0.17	355
A704800	1.17	5.80	1.4	310	2.01	0.36	0.87	0.83	132	213	131	3.54	167	4.21	9.80	< 0.05	0.6	0.061	0.66	63.3	28.2	0.68	5570
A704802	0.14	2.21	4.0	190	0.39	0.34	0.53	0.39	16.0	3.9	46	1.63	26.4	1.08	4.78	0.13	0.3	0.027	0.44	8.4	4.5	0.26	199
A704803	0.07	2.15	2.5	230	0.36	0.38	0.68	0.35	17.9	3.3	45	1.59	13.9	0.98	5.66	0.27	0.1	0.021	0.55	9.1	4.4	0.35	224
A704804	0.06	2.41	3.9	220	0.33	0.22	0.36	0.45	16.5	1.9	34	0.81	12.2	1.11	6.45	0.17	0.2	0.018	0.66	8.3	3.6	0.15	127
A704805	0.16	1.18	4.5	190	0.28	0.42	0.52	0.56	10.3	2.2	52	0.89	11.1	0.60	2.38	0.18	0.1	0.043	0.34	5.4	3.3	0.13	147
A704806	0.08	3.67	1.6	370	0.60	0.23	0.92	0.47	20.8	9.0	850	1.13	10.1	2.13	9.41	0.31	0.1	0.023	1.01	10.1	8.5	0.85	654
A704807	0.16	0.93	10.1	200	0.25	0.25	3.40	1.48	21.9	16.9	35	0.56	10.0	1.93	1.31	0.08	0.2	0.020	0.19	9.0	3.2	0.31	6490
A704808	0.09	0.66	4.5	120	0.21	0.20	3.57	0.65	7.50	9.4	15	0.56	11.4	1.25	1.15	0.11	0.3	0.024	0.15	4.4	2.1	0.35	1590
A704809	0.09	0.42	2.9	90	0.14	0.21	3.35	0.87	4.41	3.0	9	0.33	10.0	1.05	0.65	0.10	0.2	0.020	0.09	2.8	1.4	0.32	908
A704810	0.07	0.65	2.6	90	0.22	0.13	2.98	0.68	8.09	2.6	16	0.46	15.0	0.71	1.09	0.10	0.1	0.014	0.12	5.5	2.3	0.36	347
A704811	0.09	0.74	2.7	120	0.25	0.22	2.37	0.69	10.4	4.4	16	0.37	20.3	1.07	0.92	0.07	0.3	0.025	0.14	7.5	1.8	0.31	671
A704812	0.07	0.42	3.6	90	0.14	0.13	2.84	0.57	5.17	5.3	12	0.33	10.2	1.09	0.39	0.08	0.2	0.016	0.09	3.2	1.3	0.32	1340
A704813	0.09	0.44	1.7	80	0.12	0.14	2.49	0.83	4.02	1.4	8	0.34	11.4	0.49	1.01	0.10	0.2	0.015	0.10	2.1	1.3	0.27	240
A704814	0.11	0.54	2.1	100	0.16	0.15	3.52	0.95	5.94	1.9	13	0.36	13.3	0.93	0.65	0.08	0.2	0.012	0.10	3.4	1.8	0.34	245
A704815	0.09	0.55	3.7	90	0.14	0.19	3.52	0.65	6.56	2.1	12	0.40	12.7	0.73	0.89	0.11	0.2	0.015	0.11	3.6	1.6	0.37	372
A704816	0.08	0.72	0.9	100	0.41	0.12	3.61	0.76	9.47	3.0	15	0.59	11.0	0.74	1.23	0.09	0.3	0.018	0.14	4.6	2.4	0.35	155
A704817	0.32	4.96	2.7	410	1.23	0.23	1.35	1.03	89.8	31.8	220	2.19	18.2	2.90	7.84	< 0.05	0.2	0.049	0.94	32.7	15.5	0.85	613

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704818	0.35	1.71	2.6	280	0.35	0.37	0.85	1.11	14.4	6.4	551	1.55	13.5	1.49	2.85	0.10	0.2	0.026	0.52	7.1	3.9	0.53	1650
A704820	0.29	2.79	1.9	380	0.54	0.38	0.71	1.12	32.7	6.9	415	1.82	20.0	0.81	4.66	0.44	1.5	0.043	0.78	16.1	5.6	0.34	253
A704821	0.09	2.05	2.9	250	0.47	0.51	0.73	1.07	19.3	7.0	289	1.58	13.0	1.16	4.55	0.21	0.3	0.052	0.51	9.6	4.3	0.77	363
A704822	0.21	0.60	3.7	140	0.18	0.20	0.70	0.62	6.62	1.7	10	0.56	9.0	0.28	1.17	0.08	< 0.1	0.015	0.17	3.4	1.3	0.12	79
A704823	0.30	1.21	1.3	150	0.55	0.40	1.98	0.69	90.4	5.5	22	0.98	33.4	0.79	2.44	< 0.05	0.2	0.031	0.22	74.2	3.4	0.60	437
A704824	0.32	2.21	6.5	260	0.44	0.48	0.65	1.43	17.5	1.6	24	1.45	20.3	0.78	6.37	0.47	0.8	0.040	0.61	8.7	4.5	0.16	180
A704825	0.33	2.50	2.7	260	0.90	0.48	1.29	1.34	107	23.5	101	2.30	51.5	2.35	4.51	< 0.05	0.4	0.043	0.42	63.2	9.9	1.14	2320
A704826	0.21	2.27	3.0	270	0.47	0.38	0.87	0.63	18.7	5.9	851	0.87	19.1	1.03	4.30	0.08	0.2	0.035	0.65	9.3	4.5	0.39	244
A704827	0.08	1.66	4.6	400	0.33	0.32	0.79	1.24	12.2	3.6	263	0.72	13.0	0.64	1.61	0.10	0.2	0.027	0.48	6.1	3.0	0.22	143
A704829	0.16	1.90	8.6	350	0.40	0.35	0.75	0.94	15.0	26.0	1280	0.93	15.0	3.29	2.68	0.11	0.2	0.036	0.61	7.2	3.4	1.05	533

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704701	0.75	0.11	0.5	4.8	600	46.5	6.1	< 0.002	0.15	0.48	0.9	2	0.6	41.1	< 0.05	< 0.05	0.7	0.042	0.12	0.3	9	0.2	1.8
A704703	1.63	1.01	2.5	9.8	580	63.2	21.3	< 0.002	0.10	0.55	4.5	2	1.6	183	< 0.05	< 0.05	2.9	0.277	0.22	1.0	42	0.4	5.8
A704705	1.09	0.28	1.7	5.6	900	67.9	12.8	< 0.002	0.16	0.68	1.6	2	1.5	64.6	0.10	< 0.05	1.3	0.084	0.22	0.5	19	0.2	2.9
A704707	1.13	0.43	1.6	7.4	790	82.2	17.1	< 0.002	0.14	0.71	3.0	2	1.6	80.0	< 0.05	< 0.05	1.8	0.178	0.21	0.7	42	0.4	4.0
A704709	1.12	0.52	3.0	6.9	790	72.0	18.3	< 0.002	0.13	0.82	3.0	2	1.9	95.4	0.07	< 0.05	1.9	0.190	0.27	0.7	36	0.4	4.7
A704711	1.15	0.60	2.4	7.1	880	87.2	21.4	< 0.002	0.13	0.79	3.3	2	1.6	130	0.06	< 0.05	2.4	0.189	0.36	0.8	36	0.5	5.1
A704713	0.97	0.26	1.6	6.4	810	86.5	12.9	< 0.002	0.17	0.71	2.0	2	1.8	58.0	0.09	< 0.05	1.5	0.119	0.25	0.5	24	0.3	3.3
A704715	0.08	1.62	0.3	45.0	470	15.3	13.7	0.002	0.06	< 0.05	15.4	1	0.6	212	< 0.05	< 0.05	2.5	0.120	0.30	0.8	40	< 0.1	13.4
A704716	1.15	0.61	1.6	13.1	710	62.1	27.9	< 0.002	0.09	0.56	4.3	2	1.9	106	0.06	< 0.05	3.1	0.235	0.31	1.1	46	0.4	6.4
A704718	1.20	0.77	1.2	9.0	880	43.4	28.8	< 0.002	0.09	0.45	4.1	2	1.0	117	< 0.05	< 0.05	3.3	0.204	0.32	1.3	38	0.4	6.2
A704720	1.00	0.22	0.6	7.7	1170	78.4	14.2	< 0.002	0.17	0.47	1.8	2	0.8	56.8	0.07	< 0.05	1.4	0.073	0.34	0.6	15	0.2	4.0
A704722	1.34	0.18	1.6	14.1	1880	62.2	15.6	< 0.002	0.22	0.94	2.8	2	1.4	39.0	0.09	0.05	2.5	0.082	0.24	1.4	18	0.3	8.8
A704724	0.53	0.40	0.8	7.0	640	65.5	13.8	< 0.002	0.13	0.56	4.9	2	1.7	59.5	< 0.05	< 0.05	1.6	0.267	0.15	0.6	52	< 0.1	5.0
A704726	1.09	0.34	1.1	6.6	980	81.2	18.8	< 0.002	0.17	0.75	2.0	2	1.1	70.5	< 0.05	< 0.05	1.9	0.124	0.39	0.7	25	0.3	3.8
A704728	1.53	0.53	2.2	8.6	940	105	25.5	< 0.002	0.14	0.87	3.9	2	1.7	108	0.12	< 0.05	2.5	0.161	0.36	1.0	31	0.5	5.4
A704730	1.26	0.17	0.9	5.5	920	70.6	12.2	< 0.002	0.16	0.40	1.6	2	0.6	36.7	< 0.05	< 0.05	1.3	0.068	0.24	0.5	14	0.2	2.5
A704732	1.03	0.60	1.4	8.4	800	61.8	19.2	< 0.002	0.14	0.56	5.6	2	1.0	86.3	< 0.05	< 0.05	1.8	0.272	0.25	0.6	68	0.3	5.3
A704734	8.40	0.74	2.7	20.1	1780	27.4	27.2	0.003	0.11	0.21	6.4	2	1.2	95.5	0.09	0.11	4.1	0.303	0.73	1.6	129	0.6	9.4
A704735	14.3	0.50	2.6	22.0	1860	68.5	40.3	< 0.002	0.14	0.71	5.1	3	2.0	78.4	0.10	0.13	5.0	0.200	0.95	2.8	73	0.7	10.0
A704737	1.13	0.88	0.8	9.6	820	40.7	38.6	< 0.002	0.08	0.33	5.6	2	0.9	140	< 0.05	< 0.05	3.1	0.212	0.40	1.2	45	0.4	6.8
A704738	0.85	0.74	1.0	10.0	690	57.0	21.8	< 0.002	0.15	0.43	2.4	2	0.6	152	< 0.05	< 0.05	1.9	0.130	0.19	0.6	24	0.2	3.7
A704740	0.99	0.20	1.0	10.5	770	101	10.7	< 0.002	0.15	0.78	1.6	2	1.3	55.3	< 0.05	< 0.05	1.3	0.076	0.16	0.5	15	0.2	2.9
A704741	0.84	0.55	2.3	14.7	770	75.6	18.6	< 0.002	0.16	0.56	2.8	2	1.5	103	0.11	< 0.05	1.7	0.130	0.21	0.6	27	0.3	3.8
A704743	5.34	0.59	1.1	14.9	720	87.7	24.1	< 0.002	0.15	0.59	3.3	2	0.5	138	< 0.05	< 0.05	1.9	0.130	0.26	0.7	29	0.2	6.0
A704745	1.11	0.92	1.1	14.1	700	45.2	29.7	< 0.002	0.10	0.42	5.0	2	0.7	177	< 0.05	< 0.05	3.0	0.237	0.24	1.0	35	0.3	6.0
A704747	0.77	0.10	2.2	25.2	950	45.5	9.4	< 0.002	0.17	0.53	3.5	2	1.2	36.7	0.12	< 0.05	0.9	0.090	0.12	0.3	19	0.2	3.5
A704748	0.45	0.87	0.4	83.8	680	38.5	11.4	< 0.002	0.04	0.05	24.0	1	0.5	84.2	< 0.05	< 0.05	1.5	0.309	0.12	0.6	127	< 0.1	11.2
A704749	1.61	0.63	1.9	12.9	740	66.8	10.7	< 0.002	0.13	0.72	4.5	2	1.7	71.7	< 0.05	< 0.05	1.2	0.143	0.12	0.5	37	0.4	3.9
A704751	1.04	1.60	0.3	39.6	620	27.4	9.1	< 0.002	0.04	< 0.05	31.4	1	0.7	155	< 0.05	< 0.05	1.7	0.335	0.12	0.6	165	< 0.1	14.6
A704752	10.8	0.80	< 0.1	17.9	1780	74.5	30.7	< 0.002	0.09	0.12	7.3	2	0.2	162	< 0.05	< 0.05	3.3	0.168	0.29	1.8	62	0.2	7.1
A704753	1.16	2.13	< 0.1	42.3	310	21.2	8.7	< 0.002	0.03	< 0.05	32.1	1	< 0.2	285	< 0.05	< 0.05	1.1	0.144	0.12	0.6	111	< 0.1	15.2
A704755	5.22	1.06	1.5	13.0	480	39.1	31.6	< 0.002	0.06	0.14	7.6	2	0.9	149	< 0.05	< 0.05	3.5	0.326	0.28	1.1	71	0.4	7.4
A704757	2.33	0.84	1.0	6.9	580	64.9	24.6	< 0.002	0.09	0.54	3.1	2	1.0	168	< 0.05	< 0.05	2.4	0.174	0.26	0.9	27	0.3	5.1
A704759	1.98	0.64	1.9	12.3	920	91.0	23.1	< 0.002	0.12	1.11	4.1	3	2.7	134	< 0.05	< 0.05	2.1	0.152	0.25	0.8	31	0.4	5.3
A704760	1.88	0.65	2.9	10.0	900	69.6	29.4	< 0.002	0.13	0.63	3.3	2	1.4	153	0.10	< 0.05	3.9	0.177	0.33	0.9	30	0.4	5.9
A704761	1.20	0.34	1.1	6.5	1160	31.5	21.0	< 0.002	0.16	0.39	1.8	2	0.7	75.7	< 0.05	< 0.05	1.6	0.095	0.18	0.5	16	0.2	3.2
A704763	2.25	0.33	1.6	10.0	890	140	16.2	< 0.002	0.16	0.62	2.0	2	1.1	81.5	< 0.05	< 0.05	1.7	0.099	0.17	0.6	18	0.3	3.7
A704764	0.93	1.32	1.1	37.9	750	55.3	36.1	< 0.002	0.09	0.12	8.0	2	1.5	271	< 0.05	< 0.05	5.7	0.244	0.50	1.6	64	< 0.1	10.4
A704765	1.65	0.94	3.3	34.2	1140	61.1	26.0	< 0.002	0.15	0.47	7.0	2	1.8	187	0.18	0.08	3.1	0.222	0.37	1.1	66	0.4	8.6
A704766	0.72	0.06	0.6	9.6	1170	12.2	3.1	< 0.002	0.25	0.33	3.6	2	0.5	12.1	< 0.05	< 0.05	0.6	0.032	0.05	0.3	13	0.1	2.5
A704767	0.09	0.50	0.1	16.6	910	78.9	22.3	< 0.002	0.05	< 0.05	14.2	1	0.8	64.4	< 0.05	< 0.05	4.1	0.239	0.30	1.5	68	< 0.1	12.5
A704768	0.95	0.79	1.2	48.2	660	71.2	28.7	< 0.002	0.08	0.40	3.8	2	1.5	106	< 0.05	< 0.05	4.0	0.284	0.29	1.3	37	0.2	7.5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704769	1.06	0.21	0.5	13.0	1340	83.8	14.7	0.002	0.16	0.46	5.9	2	0.9	32.6	< 0.05	< 0.05	1.7	0.221	0.19	0.7	52	0.3	6.4
A704770	1.89	0.21	3.2	222	1750	52.8	25.2	< 0.002	0.16	0.50	4.5	2	1.5	57.5	0.09	< 0.05	2.6	0.132	0.33	1.6	41	0.5	11.1
A704771	1.37	0.22	2.5	226	1530	31.8	29.4	< 0.002	0.19	0.59	4.3	2	1.6	66.1	0.08	< 0.05	2.5	0.101	0.26	1.3	27	0.4	8.8
A704773	1.14	0.24	0.3	26.7	1220	79.7	16.4	< 0.002	0.14	0.24	6.6	2	0.3	40.5	< 0.05	< 0.05	2.0	0.153	0.24	0.8	44	0.1	6.8
A704774	1.51	0.23	0.5	28.3	1700	140	18.0	< 0.002	0.14	0.32	2.5	2	0.5	35.6	< 0.05	0.05	2.2	0.102	0.37	0.8	25	0.3	4.7
A704775	1.93	0.29	3.0	96.3	1760	59.5	33.8	< 0.002	0.14	0.66	5.1	2	2.9	55.4	0.12	0.12	2.7	0.190	0.38	1.2	51	0.7	7.0
A704776	1.34	0.55	1.7	53.6	960	99.8	17.7	< 0.002	0.09	0.61	4.0	2	1.3	93.8	< 0.05	< 0.05	3.1	0.201	0.18	0.9	34	0.4	5.9
A704777	0.67	0.61	0.5	11.0	670	76.7	31.9	< 0.002	0.06	0.17	5.7	2	2.3	91.1	< 0.05	< 0.05	4.6	0.328	0.30	1.5	47	< 0.1	9.3
A704778	1.75	0.41	5.0	165	1600	49.6	44.1	< 0.002	0.19	1.48	4.8	2	2.2	84.4	0.09	< 0.05	3.3	0.164	0.42	1.5	38	0.5	8.2
A704779	0.34	1.21	0.9	36.6	630	77.4	37.0	< 0.002	0.07	0.29	4.7	2	2.0	183	0.05	< 0.05	5.6	0.242	0.36	1.6	31	< 0.1	7.1
A704780	1.41	0.23	0.9	10.3	1280	71.2	17.2	< 0.002	0.15	0.56	5.3	2	0.8	50.8	< 0.05	< 0.05	1.9	0.167	0.27	0.7	39	0.3	6.8
A704781	1.72	0.46	0.7	46.3	1120	117	30.6	< 0.002	0.13	0.40	3.6	2	0.9	79.5	< 0.05	0.05	2.5	0.121	0.40	0.9	34	0.3	5.2
A704783	1.34	0.17	0.6	19.5	1180	86.2	18.1	< 0.002	0.19	0.48	2.5	2	1.1	46.1	< 0.05	< 0.05	1.6	0.061	0.24	0.6	22	0.2	4.1
A704784	1.34	0.26	2.1	158	2470	36.9	35.2	< 0.002	0.26	0.28	7.1	3	0.8	58.1	< 0.05	0.05	8.1	0.135	0.39	3.0	39	0.4	13.5
A704785	1.31	0.30	1.3	23.9	1380	78.1	23.3	< 0.002	0.20	0.51	2.2	2	1.4	70.0	0.09	0.05	1.8	0.086	0.41	0.6	22	0.3	3.9
A704787	1.44	0.29	1.9	23.0	1050	93.9	21.4	< 0.002	0.15	0.89	2.9	2	2.1	56.7	< 0.05	< 0.05	2.2	0.130	0.27	0.8	30	0.4	5.0
A704788	1.23	0.66	1.9	14.1	810	59.2	20.2	< 0.002	0.16	0.62	3.1	2	1.4	122	0.07	< 0.05	2.4	0.156	0.19	0.7	28	0.4	4.7
A704790	1.48	0.35	2.7	31.8	1280	102	42.3	< 0.002	0.14	0.80	3.4	2	1.9	86.1	0.08	< 0.05	2.6	0.154	0.47	0.9	37	0.5	6.6
A704792	1.44	1.11	1.3	15.0	670	53.9	34.1	< 0.002	0.08	0.40	3.5	< 1	1.0	156	< 0.05	< 0.05	3.4	0.242	0.25	1.2	34	0.4	6.3
A704794	1.58	0.47	0.4	23.4	1150	81.8	35.2	< 0.002	0.14	0.34	4.3	< 1	< 0.2	98.1	< 0.05	< 0.05	3.2	0.152	0.38	1.2	39	0.3	7.3
A704795	1.66	0.55	5.9	255	1630	36.9	61.1	< 0.002	0.14	0.38	7.5	< 1	1.9	95.3	0.37	< 0.05	7.0	0.234	0.51	2.4	71	0.7	8.9
A704796	1.37	0.36	1.5	36.0	1670	84.7	25.0	< 0.002	0.18	0.44	2.4	< 1	1.1	79.3	0.09	< 0.05	2.0	0.134	0.37	0.9	33	0.4	4.3
A704797	1.39	0.65	1.2	123	1120	27.9	67.1	< 0.002	0.08	0.33	6.8	< 1	1.6	100	< 0.05	< 0.05	4.2	0.204	0.37	1.8	67	0.6	9.0
A704798	1.17	0.33	1.1	52.7	1670	81.4	23.7	< 0.002	0.16	0.61	3.3	< 1	1.1	61.2	< 0.05	< 0.05	2.3	0.157	0.26	0.9	33	0.4	5.8
A704799	4.65	0.09	1.1	122	1610	32.9	7.0	0.008	0.50	0.40	5.5	1	1.0	78.8	< 0.05	0.05	3.1	0.045	0.15	2.0	11	0.2	19.4
A704800	9.82	0.27	5.8	308	2000	41.1	40.2	0.002	0.15	0.45	9.9	< 1	1.8	67.6	0.27	0.15	11.3	0.195	0.70	3.5	67	0.9	25.4
A704802	1.47	0.35	1.7	20.7	1710	49.3	18.7	< 0.002	0.20	0.53	3.1	< 1	1.2	58.8	0.08	< 0.05	2.0	0.129	0.21	0.9	30	0.4	4.9
A704803	1.51	0.35	0.4	21.9	1020	61.8	24.7	< 0.002	0.12	0.34	3.7	< 1	0.5	51.4	< 0.05	< 0.05	2.6	0.165	0.21	0.8	36	0.3	5.6
A704804	1.18	0.48	1.2	11.9	1080	24.7	22.6	< 0.002	0.16	0.32	2.4	< 1	0.5	65.4	< 0.05	< 0.05	2.4	0.162	0.18	0.8	28	0.2	4.9
A704805	1.29	0.20	1.5	14.6	980	81.8	15.6	< 0.002	0.17	0.85	1.9	< 1	2.1	52.1	0.12	< 0.05	1.6	0.094	0.14	0.6	22	0.3	3.6
A704806	0.47	1.07	0.4	68.2	750	32.9	32.3	< 0.002	0.07	0.14	4.9	< 1	1.0	148	< 0.05	< 0.05	3.0	0.217	0.23	1.0	52	< 0.1	5.3
A704807	1.89	0.09	1.3	24.4	1650	36.7	9.8	0.006	0.32	0.55	1.4	< 1	1.2	70.8	< 0.05	0.07	1.8	0.043	0.26	0.5	20	0.2	4.3
A704808	0.80	0.08	1.2	44.1	1010	32.4	8.6	0.003	0.34	0.46	0.9	1	1.5	66.2	0.06	< 0.05	1.2	0.035	0.19	0.6	8	0.2	2.8
A704809	0.80	0.05	0.7	42.1	920	41.9	4.8	0.007	0.35	0.38	0.7	< 1	1.3	63.5	< 0.05	< 0.05	0.8	0.020	0.13	0.3	8	0.1	2.0
A704810	0.73	0.05	0.9	59.5	930	17.9	7.8	0.003	0.38	0.33	1.1	< 1	0.8	56.9	< 0.05	< 0.05	1.2	0.029	0.12	0.4	8	0.7	3.2
A704811	0.95	0.06	1.1	72.6	790	34.1	7.4	0.004	0.35	0.63	1.2	< 1	1.5	50.6	0.06	< 0.05	1.0	0.033	0.17	0.5	13	0.2	4.3
A704812	1.02	0.04	0.6	45.2	890	21.7	4.9	0.003	0.27	0.35	0.5	< 1	0.8	47.9	< 0.05	< 0.05	0.6	0.021	0.11	0.2	8	0.1	2.1
A704813	2.00	0.05	0.7	22.3	960	28.6	4.4	< 0.002	0.43	0.53	0.6	< 1	1.3	40.8	< 0.05	< 0.05	0.6	0.024	0.08	0.2	10	0.1	1.5
A704814	0.96	0.06	1.0	56.4	1080	26.3	5.1	0.005	0.38	0.33	0.9	< 1	1.0	62.8	< 0.05	< 0.05	1.0	0.029	0.12	0.4	8	0.1	2.6
A704815	0.82	0.06	1.0	51.0	1150	29.4	6.0	0.006	0.36	0.52	0.7	1	1.5	63.0	0.06	< 0.05	0.9	0.030	0.14	0.4	8	0.1	2.6
A704816	0.87	0.08	1.1	49.9	930	22.0	6.9	0.002	0.34	0.26	1.2	< 1	0.6	64.8	0.08	< 0.05	1.5	0.038	0.13	0.6	10	0.1	3.1
A704817	2.26	1.03	1.6	280	1940	24.3	34.4	0.007	0.16	0.26	8.2	< 1	0.6	162	< 0.05	0.05	6.5	0.175	0.33	3.6	53	0.4	15.6

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704818	1.52	0.43	2.3	41.9	1080	82.4	21.4	< 0.002	0.15	0.73	2.4	< 1	1.7	77.9	0.09	< 0.05	2.4	0.143	0.27	0.7	32	0.6	4.1
A704820	1.39	0.72	4.6	66.2	620	99.2	27.6	< 0.002	0.09	0.72	3.3	< 1	1.9	120	0.26	0.06	4.8	0.275	0.27	1.6	33	0.6	8.0
A704821	1.58	0.53	2.5	74.2	660	119	20.5	< 0.002	0.11	0.69	3.7	1	2.0	99.8	< 0.05	< 0.05	2.8	0.181	0.23	1.0	33	0.6	5.6
A704822	0.92	0.11	0.8	14.9	840	42.0	7.1	< 0.002	0.20	0.42	0.9	< 1	0.6	41.5	< 0.05	< 0.05	0.9	0.058	0.10	0.4	9	0.2	2.1
A704823	1.37	0.10	1.4	370	820	44.8	11.4	< 0.002	0.20	1.15	2.5	< 1	2.2	82.3	< 0.05	< 0.05	1.8	0.057	0.17	2.2	17	0.5	18.7
A704824	1.83	0.56	3.9	13.6	800	94.4	24.5	< 0.002	0.13	1.04	2.5	< 1	3.2	112	0.20	0.06	2.8	0.187	0.26	1.1	29	1.0	5.4
A704825	1.68	0.20	3.4	786	1220	52.4	31.4	< 0.002	0.17	1.06	7.8	< 1	2.7	82.8	0.15	0.07	5.2	0.116	0.44	3.8	33	0.7	22.9
A704826	1.53	0.63	2.4	48.2	690	82.3	23.1	< 0.002	0.13	0.90	3.1	< 1	2.0	105	0.15	< 0.05	2.9	0.171	0.27	1.1	32	0.5	5.4
A704827	1.00	0.47	2.1	22.7	620	62.8	16.9	< 0.002	0.14	0.86	2.2	< 1	1.4	91.4	0.10	0.06	1.9	0.107	0.19	0.6	21	0.3	3.9
A704829	1.65	0.52	2.7	254	730	67.2	19.5	< 0.002	0.14	0.72	2.3	< 1	1.3	88.4	0.06	0.12	2.1	0.125	0.22	0.7	31	0.4	4.0

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704701	0.2	84	1.1
A704703	0.7	75	31.7
A704705	0.3	44	9.5
A704707	0.5	46	10.8
A704709	0.6	72	12.3
A704711	0.6	121	16.5
A704713	0.4	143	6.2
A704715	1.4	271	34.8
A704716	0.7	72	26.3
A704718	0.8	55	12.9
A704720	0.4	64	2.7
A704722	0.7	49	12.9
A704724	0.6	118	24.9
A704726	0.5	143	7.1
A704728	0.6	47	12.0
A704730	0.3	114	3.8
A704732	0.7	113	6.7
A704734	1.0	539	15.7
A704735	1.0	96	17.5
A704737	0.8	58	22.2
A704738	0.4	49	10.4
A704740	0.3	49	8.1
A704741	0.4	59	11.0
A704743	0.6	33	9.8
A704745	0.7	75	7.2
A704747	0.3	34	9.4
A704748	1.4	71	61.1
A704749	0.5	64	10.1
A704751	1.9	76	41.5
A704752	0.8	57	7.4
A704753	1.8	71	54.7
A704755	1.0	41	11.6
A704757	0.6	35	18.2
A704759	0.6	73	17.7
A704760	0.7	51	13.2
A704761	0.4	156	6.6
A704763	0.4	45	4.8
A704764	1.0	63	29.5
A704765	0.9	79	38.5
A704766	0.2	18	5.1
A704767	1.5	75	7.6
A704768	0.9	73	28.0

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704769	0.8	84	9.9
A704770	1.1	137	22.5
A704771	0.9	90	20.5
A704773	0.8	92	6.2
A704774	0.5	253	6.3
A704775	0.9	170	11.5
A704776	0.7	73	13.5
A704777	1.2	103	16.0
A704778	0.8	131	15.8
A704779	0.9	85	46.1
A704780	0.8	72	8.7
A704781	0.6	116	10.9
A704783	0.4	99	5.8
A704784	1.1	66	6.7
A704785	0.4	131	6.1
A704787	0.6	65	11.5
A704788	0.6	94	26.3
A704790	0.7	64	10.0
A704792	0.8	67	24.7
A704794	0.8	84	4.6
A704795	1.0	111	76.0
A704796	0.5	173	8.9
A704797	1.0	76	20.3
A704798	0.6	176	6.4
A704799	1.5	41	10.1
A704800	2.3	74	23.1
A704802	0.5	62	9.1
A704803	0.7	47	7.5
A704804	0.6	32	10.3
A704805	0.4	90	5.8
A704806	0.7	82	17.3
A704807	0.4	41	12.0
A704808	0.3	43	12.0
A704809	0.2	34	8.1
A704810	0.3	51	7.7
A704811	0.4	41	11.9
A704812	0.2	27	7.3
A704813	0.2	23	6.0
A704814	0.3	19	9.6
A704815	0.2	28	8.8
A704816	0.3	32	10.7
A704817	1.5	90	14.5

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704818	0.5	121	11.9
A704820	1.0	62	102
A704821	0.7	123	40.3
A704822	0.2	70	1.4
A704823	1.3	38	8.2
A704824	0.6	202	51.3
A704825	1.8	63	15.8
A704826	0.6	92	10.8
A704827	0.5	165	21.5
A704829	0.5	59	20.2

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.31	< 0.2	630	2.87		0.99		85.6	17.6	44	4.40	27.9	4.44	24.7		0.6		2.72	38.2	34.6	0.98	895
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.74	< 0.2	630	2.95		1.06		88.4	17.5	43	4.17	27.3	4.88	24.8		0.7		2.63	39.7	34.5	1.03	897
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.97	< 0.2	650	3.04		1.07		91.1	18.3	42	3.91	38.8	5.02	25.6		0.7		2.65	39.7	35.3	1.06	874
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.85	< 0.2	650	2.90		1.07		90.6	17.3	47	4.10	29.0	5.00	16.6		0.8		2.45	42.7	35.1	1.05	910
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											147			8.68									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											153			8.91									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											152			8.83									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														10.4					2.14			1.23	894
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.4					2.22			1.24	941
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	45.1					93.5				122			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas	45.7					91.4				127			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				100			7.06			57.9	179		89.4	6.47	13.5					3.5	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				100			7.18			56.3	127		89.7	6.87	13.6					3.4	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.16			54.7	129		93.3	6.87	15.1					3.6	4.5		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.11			56.4	124		99.2	6.82	14.6					3.6	4.8		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
OREAS 13b	0.88		46.0							71.9	9120		2220										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.94		56.6							76.2	8770		2210										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.86		48.3							68.4			2110										
OREAS 13b (4-Acid) Cert	0.86		57							75			2327.000										
OREAS 904 (4 ACID) Meas		6.21		200			0.05				61			6.92					3.31			0.60	469
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas			23.0	840	3.13	0.64		0.30	62.0	21.1	100	6.79	27.0		26.9		3.3			24.9	159		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			17.9	790	3.37	0.65		0.31	106	21.8	96	9.09	27.2		30.1		2.7			48.4	163		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			23.6	760	3.08	0.68		0.33	102	22.0	101	8.05	29.4		23.9		3.4			49.8	160		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			21.9		3.38	0.69		0.40	103	21.6		7.96	29.7		19.3		3.4			46.8	162		
SBC-1 Cert			25.7		3.20	0.70		0.40	108.0	22.7		8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		7.72	8.5	180	0.77	0.27	0.20		34.7	30.4	496	4.13	354	14.6	22.0		2.7	0.091	0.40	15.7	21.0	0.25	533
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.62	5.8	180	0.78	0.33	0.19		35.3	28.9	522	3.36	362	14.3	24.7		1.1	0.085	0.39	15.7	19.8	0.25	525
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					26.2				51.5			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.2					27.8				48.4			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.1					26.4				47.1			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.74	7.49	5.5	460	2.38	18.6	0.54	0.32	82.9	23.4	78	7.14	4640	7.20	22.2		3.4	0.500	2.55	41.4	31.0	1.90	1080
OREAS 923 (4	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.87	7.16	3.4	440	2.42	19.2	0.52	0.32	83.3	22.6	72	6.29	4330	6.91	17.6		3.8	0.569	2.44	41.5	29.8	1.83	1000
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	66.4	5.84	74.1		1.83	3.84	1.95	256	46.5	28.9	30	3.13	3800	3.51	29.9		4.5	1.79	2.12	17.8	13.8	0.51	530
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas	67.0	6.28	69.8		1.64	4.06	2.10	273	45.4	27.4	27	3.04	3700	3.88	28.9		4.6	1.86	2.08	17.4	14.2	0.53	523
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		6.18					2.08				26			3.84					2.04			0.53	540
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 621 (4 Acid) Meas		6.37					2.12				25			3.92					1.98			0.54	528
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.37					3.33				30			22.4					2.52			1.08	3630
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
Oreas 77b (4 Acid Digest) Meas		1.52		70			2.40				193			24.2					0.28			2.22	557
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
Oreas 77b (4 Acid Digest) Meas		1.51		80			2.41				200			24.1					0.28			2.21	559
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
A704707 Orig	0.22	1.77	3.4	240	0.34	0.40	0.78	0.64	12.1	2.0	27	1.03	8.4	1.03	3.55	0.09	< 0.1	0.028	0.48	6.1	4.0	0.19	220
A704707 Dup	0.25	1.72	2.6	240	0.32	0.42	0.77	0.80	12.3	2.0	21	1.10	8.7	1.01	3.38	0.12	0.1	0.033	0.47	6.4	4.1	0.19	206
A704728 Orig	0.35	2.33	3.7	320	0.58	0.44	1.06	0.31	22.8	5.7	31	1.68	9.5	0.87	3.59	0.24	0.4	0.036	0.63	11.2	5.9	0.25	310
A704728 Dup	0.38	2.18	3.1	310	0.60	0.46	1.01	0.38	23.1	5.2	26	1.65	9.6	0.82	3.60	0.26	0.1	0.039	0.61	11.8	6.0	0.23	247
A704749 Orig	0.13	2.07	3.1	150	0.36	0.40	0.94	0.61	9.96	3.6	52	1.22	7.4	0.95	4.05	0.13	0.2	0.053	0.28	4.6	2.3	0.31	279
A704749 Dup	0.14	2.14	3.8	160	0.34	0.40	0.98	0.73	9.62	3.5	54	1.19	7.2	0.99	4.06	0.13	0.3	0.035	0.28	4.5	2.4	0.33	261
A704773 Orig	0.09	1.67	4.4	220	0.35	0.40	0.99	1.21	15.3	5.5	30	1.14	31.3	1.07	4.16	0.21	< 0.1	0.046	0.35	7.8	4.2	0.34	209
A704773 Dup	0.09	1.72	4.0	220	0.32	0.39	1.01	1.14	15.8	5.6	40	1.18	30.6	1.08	3.77	0.14	0.2	0.054	0.36	7.8	4.0	0.36	207
A704787 Orig	0.35	1.67	4.0	240	0.39	0.43	0.56	0.83	14.4	2.9	58	1.29	15.1	0.84	2.86	0.16	0.2	0.043	0.47	7.3	4.7	0.24	137
A704787 Dup	0.36	1.69	4.2	240	0.40	0.45	0.57	0.94	14.6	3.2	55	1.31	16.3	0.86	3.48	0.15	< 0.1	0.043	0.48	7.3	4.8	0.24	142
A704807 Orig	0.16	0.93	10.2	200	0.25	0.26	3.42	1.37	22.2	16.9	47	0.58	10.3	1.94	1.16	0.08	0.2	0.026	0.19	9.1	3.3	0.31	6540
A704807 Dup	0.15	0.93	10.1	200	0.24	0.25	3.38	1.58	21.7	17.0	22	0.54	9.6	1.92	1.47	0.08	0.2	0.013	0.19	8.8	3.2	0.31	6440
A704818 Orig	0.35	1.71	2.2	280	0.35	0.37	0.85	1.10	14.0	6.3	503	1.51	13.7	1.48	3.00	0.08	0.2	0.020	0.52	7.0	3.8	0.53	1660

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704818 Dup	0.35	1.70	3.0	280	0.35	0.37	0.85	1.13	14.7	6.6	598	1.59	13.4	1.50	2.70	0.12	0.2	0.031	0.51	7.3	4.0	0.53	1640
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				2			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		0.3		< 0.05	< 0.01		< 0.02	0.08	< 0.1		< 0.05	< 0.2		0.16	< 0.05	< 0.1	0.009		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	< 0.2		0.13	< 0.05	< 0.1	0.006		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	< 5

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.37	< 0.1	33.0	560	23.3	131			< 0.05	15.6		0.2	167	< 0.05		11.5	0.069	0.62	2.6	29	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.52	< 0.1	32.1	600	22.9	119			< 0.05	14.5		< 0.2	172	< 0.05		11.9	0.072	0.63	2.6	29	0.2	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.56	0.1	32.0	600	26.0	133			< 0.05	15.8		< 0.2	186	< 0.05		11.8	0.068	0.63	2.6	30	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.54	< 0.1	30.7	600	27.4	125			< 0.05	14.5		< 0.2	181	< 0.05		13.1	0.082	0.68	2.9	35	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.61														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1110													0.330			79		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.345			80		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						369			> 10.0	7.78		133	190										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						360			> 10.0	8.23		143	196										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.30	1.5	261		6.0	3.9			0.71	31.7			138				0.270			131		14.6
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	265		6.6	3.9			0.86	31.5			141				0.267			137		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	243		6.2	3.6			0.63	30.2			139				0.272			138		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.4	241		6.3	3.7			0.60	29.3			141				0.269			137		15.5
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
OREAS 13b	9.90			2310					1.17														

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	9.0			2247.0000					1.2														
OREAS 13b (4-Acid) Meas	9.30			2020					1.15														
OREAS 13b (4-Acid) Cert	9.0			2247.0000					1.2														
OREAS 13b (4-Acid) Meas	8.54			1960																			
OREAS 13b (4-Acid) Cert	9.0			2247.0000																			
OREAS 904 (4 ACID) Meas		0.04			1090				0.06												86		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas	2.14		14.8	84.8		33.2	61.7			0.92	13.9		3.3	162	0.99		7.6	0.484	0.89	4.4	209	1.7	22.1
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.23		8.0	83.7		33.4	144			0.72	19.7		2.7	175	0.35		15.7	0.482	0.89	5.6	215	1.1	29.3
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.19		15.3	77.6		38.6	151			0.85	19.1		3.4	183	0.99		15.9	0.480	0.89	5.6	217	1.6	29.4
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.01		15.0	76.1		38.0	153			0.80	19.2		3.3	179	1.04		16.0		0.91	5.7		1.6	29.8
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8		0.89	5.76		1.60	36.5
OREAS 45d (4-Acid) Meas	0.64	0.10	1.3	231	380	19.4	44.3		0.04	< 0.05	51.4		0.5	29.1	< 0.05		14.1	0.130	0.24	2.5	99	< 0.1	9.6
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	0.22	0.10	0.1	202	380	22.3	41.5		0.05	< 0.05	47.2		0.5	29.2	< 0.05		14.7	0.241	0.25	2.6	131	< 0.1	10.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						94.6			4.30	4.71		39	62.9										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						106			4.27	3.16		33	61.6										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						102				3.24		32	60.5										
OREAS 96 (4 Acid) Cert						101				5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	1.01	0.34	14.1	37.5	710	76.4	173		0.76	1.09	13.0	6	12.9	41.5	0.85		16.5	0.420	0.86	3.0	98	4.7	24.7
OREAS 923 (4	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.00	0.33	13.9	33.2	670	91.5	169		0.73	1.01	12.4	4	13.1	40.4	0.93		16.8	0.397	0.87	3.1	93	5.3	25.4
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	12.9	1.20	8.3	22.2	360	> 10000	86.9		4.14	13.6	6.1	4	4.9	64.7			4.4	0.185	2.00	2.8	33	1.6	12.3
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas	12.7	1.34	8.7	26.2	390	> 10000	81.8		4.65	15.8	6.3	5	5.2	64.2			4.5	0.181	2.05	2.8	35	1.6	11.9
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.32			380				4.64									0.181			35		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 621 (4 Acid) Meas		1.35			390				4.73									0.184			34		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.58			850				2.29									0.328			158		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
Oreas 77b (4 Acid Digest) Meas		0.36																0.055			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
Oreas 77b (4 Acid Digest) Meas		0.36																0.054			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
A704707 Orig	1.09	0.44	1.4	7.4	790	80.0	16.6	< 0.002	0.14	0.70	3.1	2	1.6	78.1	< 0.05	< 0.05	1.8	0.182	0.21	0.7	43	0.4	3.9
A704707 Dup	1.16	0.42	1.9	7.3	800	84.4	17.5	< 0.002	0.14	0.72	2.9	2	1.7	81.8	0.06	< 0.05	1.9	0.174	0.22	0.6	42	0.4	4.1
A704728 Orig	1.54	0.56	2.7	8.7	940	103	25.6	< 0.002	0.14	0.87	4.2	2	1.7	114	0.11	< 0.05	2.4	0.164	0.35	1.0	32	0.5	5.5
A704728 Dup	1.52	0.50	1.6	8.4	940	107	25.5	< 0.002	0.14	0.87	3.7	2	1.6	103	0.12	< 0.05	2.6	0.158	0.36	1.0	31	0.4	5.4
A704749 Orig	1.68	0.61	2.1	13.3	730	66.6	10.8	< 0.002	0.13	0.71	4.5	2	1.7	73.4	< 0.05	0.05	1.2	0.144	0.12	0.5	37	0.4	3.9
A704749 Dup	1.54	0.64	1.8	12.6	750	66.9	10.7	< 0.002	0.14	0.72	4.5	2	1.7	70.1	0.11	< 0.05	1.2	0.143	0.12	0.5	37	0.5	3.8
A704773 Orig	1.02	0.24	0.3	27.3	1290	80.6	16.5	< 0.002	0.14	0.25	6.7	2	0.3	40.5	< 0.05	0.06	2.0	0.168	0.24	0.8	44	0.2	6.9
A704773 Dup	1.26	0.25	0.3	26.1	1140	78.7	16.3	< 0.002	0.13	0.23	6.4	2	0.4	40.4	< 0.05	< 0.05	2.0	0.139	0.24	0.7	44	0.1	6.8
A704787 Orig	1.44	0.29	2.3	22.2	1030	92.6	21.2	< 0.002	0.14	0.87	2.8	2	2.3	56.3	0.12	< 0.05	2.2	0.129	0.26	0.8	30	0.4	5.0
A704787 Dup	1.44	0.29	1.4	23.8	1060	95.2	21.7	< 0.002	0.15	0.91	3.0	2	2.0	57.1	< 0.05	< 0.05	2.2	0.132	0.27	0.9	30	0.5	5.0
A704807 Orig	1.91	0.09	1.3	23.8	1660	37.1	9.7	0.006	0.33	0.57	1.4	1	1.2	69.6	< 0.05	0.07	1.8	0.043	0.26	0.5	20	0.2	4.3
A704807 Dup	1.86	0.09	1.3	25.1	1650	36.3	9.9	0.006	0.32	0.52	1.3	< 1	1.3	72.0	0.06	0.07	1.8	0.043	0.26	0.5	19	0.2	4.2
A704818 Orig	1.51	0.42	2.4	41.5	1100	81.3	21.0	< 0.002	0.15	0.70	2.4	< 1	1.6	76.5	0.12	< 0.05	2.2	0.145	0.26	0.7	32	0.5	4.1

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704818 Dup	1.53	0.44	2.2	42.2	1070	83.5	21.7	< 0.002	0.14	0.75	2.3	< 1	1.8	79.4	0.05	< 0.05	2.5	0.141	0.27	0.7	32	0.6	4.2
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.2	106	21.6
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.2	112	22.9
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.4	111	29.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.5	113	35.6
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1330	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1320	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	60	38.0
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	64	38.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	62	42.9
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0	62	45.0
DNC-1a Cert	2.0	70	38.0
OREAS 13b		141	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
(4-Acid) Meas			
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas			
OREAS 13b (4-Acid) Cert			
OREAS 904 (4 ACID) Meas		29	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas	2.9	190	119
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.3	194	108
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.4	192	141
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.5		139
SBC-1 Cert	3.64		134.0
OREAS 45d (4-Acid) Meas	1.3	47	105
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.4	46	49.8
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		473	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		458	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas			
OREAS 96 (4 Acid) Cert			
OREAS 923 (4 Acid) Meas	2.5	376	127
OREAS 923 (4	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Acid) Cert			
OREAS 923 (4 Acid) Meas	2.6	359	159
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.0	> 10000	202
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas	1.1	> 10000	203
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		29	
OREAS 522 (4 Acid) Cert		30.2	
Oreas 77b (4 Acid Digest) Meas		181	
Oreas 77b (4 Acid Digest) Cert		205	
Oreas 77b (4 Acid Digest) Meas		178	
Oreas 77b (4 Acid Digest) Cert		205	
A704707 Orig	0.5	46	10.5
A704707 Dup	0.5	46	11.2
A704728 Orig	0.6	48	14.0
A704728 Dup	0.6	47	10.1
A704749 Orig	0.5	64	9.7
A704749 Dup	0.5	64	10.4
A704773 Orig	0.8	93	5.1
A704773 Dup	0.8	92	7.3
A704787 Orig	0.6	64	15.6
A704787 Dup	0.6	65	7.3
A704807 Orig	0.4	42	11.2
A704807 Dup	0.4	41	12.8
A704818 Orig	0.5	122	11.7

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704818 Dup	0.5	119	12.1
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		3	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.8
Method Blank		< 2	

APPENDIX VI

Lake Sediment Assay Certificates

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09217-Au
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

10 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-09217-Au**

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

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

Date Submitted: 17-Jul-19
Invoice No.: A19-09217-Au
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

10 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine Total Digestion ICP & ICP/MS

REPORT **A19-09217-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704951	19
A704952	20
A704953	28
A704954	16
A704955	34
A704956	31
A704957	27
A704958	23
A704959	33
A704960	31

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1030
Oreas 221 (Fire Assay) Cert	1060
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 17-Jul-19
Invoice No.: A19-09217-TD
Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

10 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-09217-TD**

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:

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ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
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Date Submitted: 17-Jul-19
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Invoice Date: 13-Aug-19
Your Reference: RAV

Canadian Orebodies Inc.
147 Brock Avenue
Timmins ON P4N 7N9
Canada

ATTN: Fraser Laschinger

CERTIFICATE OF ANALYSIS

10 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine Total Digestion ICP & ICP/MS

REPORT **A19-09217-TD**

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

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704951	0.15	2.63	< 0.2	120	0.59	0.06	2.31	1.66	75.7	10.8	29	0.99	76.6	0.75	2.27	< 0.05	0.7	0.023	0.24	47.6	6.4	0.21	165
A704952	0.09	2.20	< 0.2	130	0.49	0.07	1.13	0.78	54.7	8.7	27	1.03	52.8	0.75	2.90	< 0.05	0.7	0.016	0.25	41.0	5.0	0.21	140
A704953	0.22	3.07	< 0.2	180	0.62	0.07	1.57	1.47	66.9	10.1	31	1.00	71.6	1.73	2.89	< 0.05	0.2	0.020	0.27	46.2	5.6	0.18	363
A704954	0.15	2.80	< 0.2	120	0.53	0.06	1.10	1.11	54.2	9.3	26	0.89	62.4	1.06	2.94	< 0.05	0.5	0.016	0.23	34.7	4.7	0.16	238
A704955	0.11	2.72	3.5	140	0.50	0.08	1.15	1.02	57.6	9.7	27	1.02	52.9	1.01	3.51	< 0.05	0.7	0.014	0.29	41.4	5.1	0.21	200
A704956	0.17	4.76	< 0.2	410	1.05	0.12	1.47	0.70	53.9	16.0	189	1.99	25.0	2.20	8.11	< 0.05	0.4	0.020	1.28	29.8	19.9	1.09	425
A704957	0.24	3.84	< 0.2	320	0.91	0.16	1.35	0.96	54.2	15.1	120	1.95	32.5	2.51	7.27	< 0.05	0.3	0.027	0.76	30.1	19.4	0.86	435
A704958	0.21	4.19	< 0.2	340	1.06	0.15	1.46	1.11	58.8	25.8	307	1.96	42.7	2.20	8.09	< 0.05	0.7	0.028	1.01	32.7	20.9	1.28	451
A704959	0.20	4.36	< 0.2	330	1.08	0.14	1.53	1.17	60.4	22.5	212	1.91	37.7	2.38	8.84	< 0.05	0.3	0.039	0.98	32.2	20.8	1.23	465
A704960	0.18	4.35	0.8	370	0.95	0.12	1.60	0.76	58.1	24.9	349	1.73	38.3	2.14	8.76	< 0.05	0.3	0.034	1.11	32.5	18.1	1.25	427

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704951	5.18	0.14	1.8	20.2	850	7.0	13.1	0.007	0.95	0.15	5.2	1	0.3	40.7	0.11	< 0.05	4.2	0.061	0.26	1.4	26	0.5	18.4
A704952	1.06	0.24	2.0	20.7	720	8.3	11.1	< 0.002	0.57	0.13	5.0	< 1	0.4	47.1	0.11	< 0.05	4.6	0.082	0.18	1.0	22	0.3	15.6
A704953	1.40	0.20	2.2	17.7	2220	6.9	11.7	0.002	0.57	0.12	4.6	1	0.3	49.0	0.07	0.10	4.0	0.082	0.28	1.2	38	0.3	16.4
A704954	1.14	0.16	1.9	17.9	1190	6.9	10.3	< 0.002	0.52	0.11	4.2	1	0.3	32.8	0.08	< 0.05	3.7	0.072	0.27	1.1	30	0.3	13.2
A704955	0.70	0.27	2.1	20.8	810	10.7	11.7	< 0.002	0.48	0.14	5.5	< 1	0.4	50.2	0.13	< 0.05	4.5	0.094	0.21	1.1	31	0.2	15.7
A704956	1.06	1.06	3.8	262	1050	11.6	49.5	< 0.002	0.22	0.14	7.2	< 1	0.6	172	0.09	< 0.05	6.8	0.216	0.40	2.4	50	0.4	12.8
A704957	1.03	0.42	1.8	263	2490	18.9	38.8	< 0.002	0.28	0.09	6.3	< 1	0.4	97.5	0.09	< 0.05	5.6	0.137	0.32	1.8	51	0.4	11.5
A704958	1.80	0.77	4.9	460	1080	13.6	46.9	0.003	0.43	0.20	8.3	< 1	0.9	149	0.16	0.07	7.1	0.205	0.57	3.0	50	0.5	15.1
A704959	1.48	0.72	4.7	399	1280	12.9	43.2	0.002	0.35	0.16	7.5	< 1	0.8	129	0.10	0.08	6.8	0.203	0.51	2.7	55	0.7	14.5
A704960	1.69	0.96	4.8	453	960	14.7	45.5	0.003	0.46	0.17	8.3	< 1	0.8	161	0.06	0.06	7.2	0.202	0.50	3.0	48	0.4	15.0

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704951	1.4	200	26.4
A704952	1.3	110	27.2
A704953	1.3	204	11.5
A704954	1.1	162	19.6
A704955	1.4	143	29.3
A704956	1.3	117	27.2
A704957	1.0	139	14.2
A704958	1.4	149	43.3
A704959	1.3	156	21.1
A704960	1.5	123	22.7

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.74	< 0.2	630	2.87		1.06		85.6	17.6	43	4.40	27.9	4.88	24.7		0.6		2.63	38.2	34.6	1.03	897
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.97	< 0.2	650	2.95		1.07		88.4	17.5	42	4.17	27.3	5.02	24.8		0.7		2.65	39.7	34.5	1.06	874
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas		7.85	< 0.2	650	3.04		1.07		91.1	18.3	47	3.91	38.8	5.00	25.6		0.7		2.45	39.7	35.3	1.05	910
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
SDC-1 Meas			< 0.2		2.90				90.6	17.3		4.10	29.0		16.6		0.8			42.7	35.1		
SDC-1 Cert			0.220		3.00				93.00	18.0		4.00	30.000		21.00		8.30			42.00	34.0		
Oreas 72a (4 Acid Digest) Meas											147			8.68									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											153			8.91									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											152			8.83									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														10.4					2.14			1.23	894
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.4					2.22			1.24	941
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	45.1					93.5				122			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
OREAS 98 (4 Acid) Meas	45.7					91.4				127			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				100			7.18			57.9	127		89.4	6.87	13.5					3.5	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.16			56.3	129		89.7	6.87	13.6					3.4	4.7		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas				90			7.11			54.7	124		93.3	6.82	15.1					3.6	4.5		
DNC-1a Cert				118			8.21			57	270		100	6.97	15					3.6	5.2		
DNC-1a Meas										56.4			99.2		14.6					3.6	4.8		
DNC-1a Cert										57			100		15					3.6	5.2		
OREAS 13b	0.88		46.0							71.9	9120		2220										

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.94		56.6							76.2	8770		2210										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.000		2327.000										
OREAS 13b (4-Acid) Meas	0.86		48.3							68.4			2110										
OREAS 13b (4-Acid) Cert	0.86		57							75			2327.000										
OREAS 904 (4 ACID) Meas		6.21		200			0.05				61			6.92					3.31			0.60	469
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas			23.0	840	3.13	0.64		0.30	62.0	21.1	100	6.79	27.0		26.9		3.3			24.9	159		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			17.9	790	3.37	0.65		0.31	106	21.8	96	9.09	27.2		30.1		2.7			48.4	163		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			23.6	760	3.08	0.68		0.33	102	22.0	101	8.05	29.4		23.9		3.4			49.8	160		
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	108.0	22.7	109	8.2	31.0		27.0		3.7			52.5	163		
SBC-1 Meas			21.9		3.38	0.69		0.40	103	21.6		7.96	29.7		19.3		3.4			46.8	162		
SBC-1 Cert			25.7		3.20	0.70		0.40	108.0	22.7		8.2	31.0		27.0		3.7			52.5	163		
OREAS 45d (4-Acid) Meas		7.72	8.5	180	0.77	0.27	0.20		34.7	30.4	496	4.13	354	14.6	22.0		2.7	0.091	0.40	15.7	21.0	0.25	533
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.62	5.8	180	0.78	0.33	0.19		35.3	28.9	522	3.36	362	14.3	24.7		1.1	0.085	0.39	15.7	19.8	0.25	525
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					26.2				51.5			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.2					27.8				48.4			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.1					26.4				47.1			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.74	7.49	5.5	460	2.38	18.6	0.54	0.32	82.9	23.4	78	7.14	4640	7.20	22.2		3.4	0.500	2.55	41.4	31.0	1.90	1080
OREAS 923 (4	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.87	7.16	3.4	440	2.42	19.2	0.52	0.32	83.3	22.6	72	6.29	4330	6.91	17.6		3.8	0.569	2.44	41.5	29.8	1.83	1000
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas	66.4	6.28	74.1		1.83	3.84	2.10	256	46.5	28.9	27	3.13	3800	3.88	29.9		4.5	1.79	2.08	17.8	13.8	0.53	523
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas	67.0	6.18	69.8		1.64	4.06	2.08	273	45.4	27.4	26	3.04	3700	3.84	28.9		4.6	1.86	2.04	17.4	14.2	0.53	540
OREAS 621 (4 Acid) Cert	69.0	6.40	77.0		1.69	3.93	1.97	284	46.6	29.3	37.1	3.28	3630	3.70	24.6		4.41	1.83	2.20	21.6	14.2	0.507	532
OREAS 621 (4 Acid) Meas		6.37					2.12				25			3.92					1.98			0.54	528
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.37					3.33				30			22.4					2.52			1.08	3630
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
Oreas 77b (4 Acid Digest) Meas		1.52		70			2.40				193			24.2					0.28			2.22	557
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
Oreas 77b (4 Acid Digest) Meas		1.51		80			2.41				200			24.1					0.28			2.21	559
Oreas 77b (4 Acid Digest) Cert		1.94		118			3.06				280			29.9					0.361			2.59	640
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				2			< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		0.3		< 0.05	< 0.01		< 0.02	0.08	< 0.1		< 0.05	< 0.2		0.16	< 0.05	< 0.1	0.009		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	0.01	< 0.1		< 0.05	< 0.2		0.13	< 0.05	< 0.1	0.006		< 0.5	< 0.2		

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.52	< 0.1	33.0	600	23.3	131			< 0.05	15.6		0.2	167	< 0.05		11.5	0.072	0.62	2.6	29	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.56	< 0.1	32.1	600	22.9	119			< 0.05	14.5		< 0.2	172	< 0.05		11.9	0.068	0.63	2.6	30	0.2	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas		1.54	0.1	32.0	600	26.0	133			< 0.05	15.8		< 0.2	186	< 0.05		11.8	0.082	0.63	2.6	35	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
SDC-1 Meas			< 0.1	30.7		27.4	125			< 0.05	14.5		< 0.2	181	< 0.05		13.1		0.68	2.9		< 0.1	
SDC-1 Cert			21.00	38.0		25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00		0.70	3.10		0.80	
Oreas 72a (4 Acid Digest) Meas									1.61														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.65														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1110													0.330			79		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.345			80		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						369			> 10.0	7.78		133	190										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
OREAS 98 (4 Acid) Meas						360			> 10.0	8.23		143	196										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.37	1.5	261		6.0	3.9			0.71	31.7			138				0.267			137		14.6
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	265		6.6	3.9			0.86	31.5			141				0.272			138		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas		1.37	1.5	243		6.2	3.6			0.63	30.2			139				0.269			137		15.1
DNC-1a Cert		1.40	3	247		6.3	5			0.96	31			144				0.29			148		18.0
DNC-1a Meas			1.4	241		6.3	3.7			0.60	29.3			141									15.5
DNC-1a Cert			3	247		6.3	5			0.96	31			144									18.0
OREAS 13b	9.90			2310					1.17														

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
(4-Acid) Meas																							
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 13b (4-Acid) Meas	9.30			2020					1.15														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 13b (4-Acid) Meas	8.54			1960																			
OREAS 13b (4-Acid) Cert	9.0			2247.0 000																			
OREAS 904 (4 ACID) Meas		0.04			1090				0.06												86		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas	2.14		14.8	84.8		33.2	61.7			0.92	13.9		3.3	162	0.99		7.6	0.484	0.89	4.4	209	1.7	22.1
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.23		8.0	83.7		33.4	144			0.72	19.7		2.7	175	0.35		15.7	0.482	0.89	5.6	215	1.1	29.3
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.19		15.3	77.6		38.6	151			0.85	19.1		3.4	183	0.99		15.9	0.480	0.89	5.6	217	1.6	29.4
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8	0.51	0.89	5.76	220.0	1.60	36.5
SBC-1 Meas	2.01		15.0	76.1		38.0	153			0.80	19.2		3.3	179	1.04		16.0		0.91	5.7		1.6	29.8
SBC-1 Cert	2.40		15.3	82.8		35.0	147			1.01	20.0		3.3	178.0	1.10		15.8		0.89	5.76		1.60	36.5
OREAS 45d (4-Acid) Meas	0.64	0.10	1.3	231	380	19.4	44.3		0.04	< 0.05	51.4		0.5	29.1	< 0.05		14.1	0.130	0.24	2.5	99	< 0.1	9.6
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	0.22	0.10	0.1	202	380	22.3	41.5		0.05	< 0.05	47.2		0.5	29.2	< 0.05		14.7	0.241	0.25	2.6	131	< 0.1	10.5
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						94.6			4.30	4.71		39	62.9										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						106			4.27	3.16		33	61.6										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						102				3.24		32	60.5										
OREAS 96 (4 Acid) Cert						101				5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	1.01	0.34	14.1	37.5	710	76.4	173		0.76	1.09	13.0	6	12.9	41.5	0.85		16.5	0.420	0.86	3.0	98	4.7	24.7
OREAS 923 (4	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
Acid) Cert																							
OREAS 923 (4 Acid) Meas	1.00	0.33	13.9	33.2	670	91.5	169		0.73	1.01	12.4	4	13.1	40.4	0.93		16.8	0.397	0.87	3.1	93	5.3	25.4
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas	12.9	1.34	8.3	22.2	390	> 10000	86.9		4.65	13.6	6.1	4	4.9	64.7			4.4	0.181	2.00	2.8	35	1.6	12.3
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas	12.7	1.32	8.7	26.2	380	> 10000	81.8		4.64	15.8	6.3	5	5.2	64.2			4.5	0.181	2.05	2.8	35	1.6	11.9
OREAS 621 (4 Acid) Cert	13.6	1.31	8.61	26.2	359	13600	84.0		4.48	139	6.24	5.64	5.25	91.0			7.48	0.149	1.96	2.83	31.8	2.35	11.1
OREAS 621 (4 Acid) Meas		1.35			390				4.73									0.184			34		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.58			850				2.29									0.328			158		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
Oreas 77b (4 Acid Digest) Meas		0.36																0.055			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
Oreas 77b (4 Acid Digest) Meas		0.36																0.054			35		
Oreas 77b (4 Acid Digest) Cert		0.434																0.0640			33.6		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.2	112	21.6
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.2	111	22.9
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.4	113	29.3
SDC-1 Cert	4.00	103.00	290.00
SDC-1 Meas	3.5		35.6
SDC-1 Cert	4.00		290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1330	
OREAS 98 (4 Acid) Cert		1360	
OREAS 98 (4 Acid) Meas		1320	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas	1.9	64	38.0
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	62	38.8
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	1.9	62	42.9
DNC-1a Cert	2.0	70	38.0
DNC-1a Meas	2.0		45.0
DNC-1a Cert	2.0		38.0
OREAS 13b		141	

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
(4-Acid) Meas			
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas		118	
OREAS 13b (4-Acid) Cert		133	
OREAS 13b (4-Acid) Meas			
OREAS 13b (4-Acid) Cert			
OREAS 904 (4 ACID) Meas		29	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas	2.9	190	119
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.3	194	108
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.4	192	141
SBC-1 Cert	3.64	186	134.0
SBC-1 Meas	3.5		139
SBC-1 Cert	3.64		134.0
OREAS 45d (4-Acid) Meas	1.3	47	105
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.4	46	49.8
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		473	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		458	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas			
OREAS 96 (4 Acid) Cert			
OREAS 923 (4 Acid) Meas	2.5	376	127
OREAS 923 (4	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
Acid) Cert			
OREAS 923 (4 Acid) Meas	2.6	359	159
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas	1.0	> 10000	202
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas	1.1	> 10000	203
OREAS 621 (4 Acid) Cert	0.990	52200	168
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		29	
OREAS 522 (4 Acid) Cert		30.2	
Oreas 77b (4 Acid Digest) Meas		181	
Oreas 77b (4 Acid Digest) Cert		205	
Oreas 77b (4 Acid Digest) Meas		178	
Oreas 77b (4 Acid Digest) Cert		205	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		3	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.8

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11649-Au
Invoice Date: 10-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

3 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code UT-6M-RedPine QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11649-Au**

 If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Date Submitted: 03-Sep-19
Invoice No.: A19-11649-Au
Invoice Date: 10-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

3 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Timmins QOP AA-Au (Au - Fire Assay AA)

REPORT **A19-11649-Au**

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

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

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
A704961	54
A704962	12
A704963	8

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
Oreas 221 (Fire Assay) Meas	1110
Oreas 221 (Fire Assay) Cert	1060
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Sep-19
Invoice No.: A19-11649-TD
Invoice Date: 25-Sep-19
Your Reference: WIR

Canadian Orebodies Inc.
141 Adelaide Street West, Suite 301
Toronto ON M5H 3L5
Canada

ATTN: Fraser Laschinger (inv)

CERTIFICATE OF ANALYSIS

3 Lake Sediments samples were submitted for analysis.

The following analytical package(s) were requested:

UT-6M-RedPine	QOP Total/QOP Ultratrace- 4acid Digest (Total Digestion ICPOES/ICPMS)

REPORT **A19-11649-TD**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
A704961	0.10	2.70	< 0.2	130	0.49	0.12	1.08	0.74	43.3	7.7	29	0.64	82.3	0.71	2.64	< 0.05	< 0.1	0.007	0.23	21.7	4.1	0.15	94
A704962	0.11	3.02	1.7	170	0.54	0.20	0.97	0.72	45.2	7.9	31	0.82	67.4	0.64	3.22	< 0.05	0.1	0.025	0.31	22.0	5.7	0.17	76
A704963	0.08	3.98	0.6	290	0.68	0.15	3.20	0.56	42.7	9.1	45	0.99	51.9	1.48	5.72	< 0.05	< 0.1	0.018	0.81	21.2	9.7	1.19	257

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
A704961	1.19	0.17	0.9	20.3	1440	7.3	7.8	< 0.002	0.51	0.13	3.7	1	0.2	33.9	< 0.05	< 0.05	2.6	0.072	0.08	0.9	27	0.2	9.9
A704962	0.85	0.19	1.5	22.7	1240	24.0	10.2	0.003	0.56	0.26	4.1	1	0.7	38.7	< 0.05	< 0.05	3.0	0.089	0.11	0.9	23	0.3	10.5
A704963	1.11	0.87	1.8	22.5	960	13.2	20.3	0.003	0.42	0.19	5.6	< 1	0.6	124	< 0.05	< 0.05	3.3	0.181	0.15	1.2	45	0.3	10.8

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
A704961	0.8	116	2.7
A704962	0.9	113	5.8
A704963	1.0	89	4.9

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
SDC-1 Meas		7.32	< 0.2	640	2.90		1.00		93.0	18.6	40	3.97	31.4	4.42	19.2		1.1		1.60	42.2	36.9	0.99	852
SDC-1 Cert		8.34	0.220	630	3.00		1.00		93.00	18.0	64.00	4.00	30.000	4.82	21.00		8.30		2.72	42.00	34.0	1.02	880.00
Oreas 72a (4 Acid Digest) Meas											144			8.38									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
Oreas 72a (4 Acid Digest) Meas											170			9.86									
Oreas 72a (4 Acid Digest) Cert											228			9.63									
OREAS 101b (4 Acid) Meas														9.71					1.61			1.18	903
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 101b (4 Acid) Meas														10.3					1.81			1.26	953
OREAS 101b (4 Acid) Cert														10.7					2.36			1.23	927
OREAS 98 (4 Acid) Meas	48.4					90.1				137			> 10000										
OREAS 98 (4 Acid) Cert	45.1					97.2				121			14800 0.0										
DNC-1a Meas				110			7.51				130			6.99									
DNC-1a Cert				118			8.21				270			6.97									
OREAS 13b (4-Acid) Meas	0.95		53.6							78.0	9420		2170										
OREAS 13b (4-Acid) Cert	0.86		57							75	8650.0 00		2327.0 000										
OREAS 904 (4 ACID) Meas		5.89		200			0.05				46			6.32					2.50			0.58	413
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
OREAS 904 (4 ACID) Meas		5.87		200			0.05				61			6.36					3.00			0.59	421
OREAS 904 (4 ACID) Cert		6.30		194			0.0460				54.0			6.68					3.31			0.556	410
SBC-1 Meas				870							101												
SBC-1 Cert				788.0							109												
OREAS 45d (4-Acid) Meas		7.13	12.2	180	0.76	0.36	0.19		37.1	29.9	556	3.80	391	13.2	23.3		3.9	0.092	0.40	16.5	23.0	0.24	496
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 45d (4-Acid) Meas		7.05	13.1	180	0.79	0.34	0.18		34.6	30.6	573	3.62	389	13.5	23.3		4.6	0.084	0.41	15.0	23.7	0.24	498
OREAS 45d (4-Acid) Cert		8.150	13.8	183.0	0.79	0.31	0.185		37.20	29.50	549	3.910	371	14.5	21.20		3.830	0.096	0.412	16.9	21.5	0.245	490.000
OREAS 96 (4 Acid) Meas	11.4					27.7				48.3			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 96 (4 Acid) Meas	11.8					27.3				50.9			> 10000										
OREAS 96 (4 Acid) Cert	11.5					26.3				49.9			39300										
OREAS 923 (4 Acid) Meas	1.59	6.79	4.8	440	2.25	18.2	0.49	0.28	84.0	21.8	76	6.18	3820	6.24	16.9		3.8	0.510	2.53	42.4	31.6	1.77	979
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5
Method Code	TD-MS	TD-ICP	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-ICP
OREAS 923 (4 Acid) Meas	1.81	6.76	5.5	440	2.32	24.8	0.49	0.30	85.1	22.3	75	6.39	4090	6.14	19.1		3.9	0.502	2.49	42.9	32.9	1.75	966
OREAS 923 (4 Acid) Cert	1.60	7.29	7.61	434	2.42	21.4	0.473	0.420	83.0	23.1	71.0	6.70	4230	6.43	20.3		3.42	0.520	2.51	42.2	31.4	1.69	950
OREAS 621 (4 Acid) Meas		5.96					2.03				25			3.56					1.84			0.53	498
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 621 (4 Acid) Meas		6.79					2.27				28			4.03					1.79			0.59	567
OREAS 621 (4 Acid) Cert		6.40					1.97				37.1			3.70					2.20			0.507	532
OREAS 522 (4 Acid) Meas		3.46					3.37				33			21.5					2.61			1.09	3570
OREAS 522 (4 Acid) Cert		3.95					3.65				29.6			24.6					2.83			1.12	3970
A704961 Orig	0.10	2.71	< 0.2	130	0.52	0.12	1.08	0.73	44.2	7.7	30	0.65	82.5	0.72	2.66	< 0.05	< 0.1	0.006	0.23	21.8	4.1	0.15	79
A704961 Dup	0.10	2.70	< 0.2	130	0.45	0.11	1.07	0.75	42.4	7.7	28	0.64	82.0	0.71	2.63	< 0.05	< 0.1	0.008	0.23	21.5	4.1	0.14	110
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.02		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.12	0.09	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	0.01		0.03	< 0.01	< 0.1		< 0.05	1.1		0.14	0.10	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	< 5
Method Blank		< 0.01		< 10			< 0.01				< 1			< 0.01					< 0.01			< 0.01	< 5
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.08	0.08	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01				1			< 0.01					< 0.01			< 0.01	
Method Blank	< 0.01		< 0.2		< 0.05	< 0.01		< 0.02	< 0.01	< 0.1		< 0.05	< 0.2		0.09	0.05	< 0.1	< 0.005		< 0.5	< 0.2		
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	
Method Blank		< 0.01		< 10			< 0.01							< 0.01					< 0.01			< 0.01	

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
SDC-1 Meas		1.46	< 0.1	34.4	520	27.2	96.4			< 0.05	15.1		< 0.2	188	< 0.05		12.4	0.118	0.65	3.0	42	< 0.1	
SDC-1 Cert		1.52	21.00	38.0	690	25.00	127.00			0.54	17.00		3.00	180.00	1.20		12.00	0.606	0.70	3.10	102.00	0.80	
Oreas 72a (4 Acid Digest) Meas									1.49														
Oreas 72a (4 Acid Digest) Cert									1.74														
Oreas 72a (4 Acid Digest) Meas									1.73														
Oreas 72a (4 Acid Digest) Cert									1.74														
OREAS 101b (4 Acid) Meas					1060													0.319			74		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 101b (4 Acid) Meas					1170													0.336			78		
OREAS 101b (4 Acid) Cert					1118													0.35			77		
OREAS 98 (4 Acid) Meas						327			> 10.0	11.0		163	206										
OREAS 98 (4 Acid) Cert						345			15.5	20.1		158	206										
DNC-1a Meas		1.55																0.274			146		
DNC-1a Cert		1.40																0.29			148		
OREAS 13b (4-Acid) Meas	9.79			2020					1.09														
OREAS 13b (4-Acid) Cert	9.0			2247.0 000					1.2														
OREAS 904 (4 ACID) Meas		0.04			940				0.06												79		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
OREAS 904 (4 ACID) Meas		0.04			1010				0.06												80		
OREAS 904 (4 ACID) Cert		0.0340			980				0.0630												76.0		
SBC-1 Meas																		0.511			233		
SBC-1 Cert																		0.51			220.0		
OREAS 45d (4-Acid) Meas	1.52	0.09	6.4	231	380	23.3	47.2		0.05	0.05	50.7		1.4	33.6	0.32		14.9	0.581	0.27	2.9	199	0.4	11.2
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 45d (4-Acid) Meas	3.04	0.09	15.4	240	390	23.5	43.8		0.05	0.22	50.9		2.5	32.9	1.12		13.5	0.768	0.27	3.0	234	1.6	10.4
OREAS 45d (4-Acid) Cert	2.500	0.101	14.50	231.0	420.000	21.8	42.1		0.049	0.82	49.30		2.78	31.30	1.02		14.5	0.773	0.27	2.63	235.0	1.62	9.53
OREAS 96 (4 Acid) Meas						105			4.01	2.78		37	64.3										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 96 (4 Acid) Meas						107			4.00	2.88		39	64.2										
OREAS 96 (4 Acid) Cert						101			4.19	5.09		40.7	65.6										
OREAS 923 (4 Acid) Meas	0.97	0.32	13.0	33.9	630	92.7	172		0.68	1.27	12.7	6	13.4	43.7	1.11		16.9	0.383	0.90	3.2	93	4.8	24.7
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4

Analyte Symbol	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1	0.1	0.1
Method Code	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS	TD-ICP	TD-MS	TD-MS
OREAS 923 (4 Acid) Meas	1.20	0.32	14.4	37.9	630	93.1	179		0.67	1.31	12.9	7	13.6	43.8	1.13		17.2	0.381	0.90	3.4	93	5.0	25.6
OREAS 923 (4 Acid) Cert	0.930	0.324	14.1	35.8	630	83.0	166		0.691	1.29	13.1	6.54	13.3	43.0	1.11		16.5	0.405	0.860	3.06	91.0	4.85	26.4
OREAS 621 (4 Acid) Meas		1.30			360				4.36									0.173			33		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 621 (4 Acid) Meas		1.48			410				4.92									0.197			37		
OREAS 621 (4 Acid) Cert		1.31			359				4.48									0.149			31.8		
OREAS 522 (4 Acid) Meas		0.59			760				2.25									0.263			147		
OREAS 522 (4 Acid) Cert		0.633			890				2.50									0.344			164		
A704961 Orig	1.32	0.17	0.9	20.0	1460	7.5	7.7	0.002	0.51	0.14	3.7	1	0.2	34.5	< 0.05	< 0.05	2.8	0.073	0.08	0.9	27	0.2	10.1
A704961 Dup	1.07	0.17	0.9	20.5	1420	7.0	7.8	< 0.002	0.51	0.12	3.7	1	0.2	33.4	< 0.05	< 0.05	2.4	0.070	0.09	0.9	27	0.2	9.6
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		< 0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.07		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.02	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	< 0.05		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank	0.06		< 0.1	< 0.2		< 0.5	< 0.1	< 0.002		< 0.05	< 0.1	< 1	< 0.2	< 0.2	< 0.05	< 0.05	< 0.2		0.03	< 0.1		< 0.1	< 0.1
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		
Method Blank		< 0.01			< 10				< 0.01									< 0.005			< 1		

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
SDC-1 Meas	3.5	103	41.7
SDC-1 Cert	4.00	103.00	290.00
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
Oreas 72a (4 Acid Digest) Meas			
Oreas 72a (4 Acid Digest) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 101b (4 Acid) Meas			
OREAS 101b (4 Acid) Cert			
OREAS 98 (4 Acid) Meas		1300	
OREAS 98 (4 Acid) Cert		1360	
DNC-1a Meas		65	
DNC-1a Cert		70	
OREAS 13b (4-Acid) Meas		135	
OREAS 13b (4-Acid) Cert		133	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
OREAS 904 (4 ACID) Meas		27	
OREAS 904 (4 ACID) Cert		26.3	
SBC-1 Meas		215	
SBC-1 Cert		186	
OREAS 45d (4-Acid) Meas	1.5	43	155
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 45d (4-Acid) Meas	1.5	44	176
OREAS 45d (4-Acid) Cert	1.33	45.7	141
OREAS 96 (4 Acid) Meas		447	
OREAS 96 (4 Acid) Cert		457	
OREAS 96 (4 Acid) Meas		455	
OREAS 96 (4 Acid) Cert		457	
OREAS 923 (4 Acid) Meas	2.6	361	135
OREAS 923 (4 Acid) Cert	2.57	345	116

Analyte Symbol	Yb	Zn	Zr
Unit Symbol	ppm	ppm	ppm
Lower Limit	0.1	2	0.5
Method Code	TD-MS	TD-ICP	TD-MS
OREAS 923 (4 Acid) Meas	2.7	346	140
OREAS 923 (4 Acid) Cert	2.57	345	116
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 621 (4 Acid) Meas		> 10000	
OREAS 621 (4 Acid) Cert		52200	
OREAS 522 (4 Acid) Meas		30	
OREAS 522 (4 Acid) Cert		30.2	
A704961 Orig	0.8	117	3.6
A704961 Dup	0.8	116	1.8
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		0.6
Method Blank		< 2	
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank	< 0.1		< 0.5
Method Blank		< 2	
Method Blank		< 2	

APPENDIX VII

Act Labs Analytical Descriptions

Sample Preparation Packages

To obtain meaningful analytical results, it is imperative that sample collection and preparation be done properly. Actlabs can advise on sampling protocol for your field program if requested. Once the samples arrive in the laboratory, Actlabs will ensure that they are prepared properly. As a routine practice with rock and core, the entire sample is crushed to a nominal -2 mm, mechanically split to obtain a representative sample and then pulverized to at least 95% -105 microns (µm). All of our steel mills are now mild steel and do not introduce Cr or Ni contamination. Quality of crushing and pulverization is routinely checked as part of our quality assurance program. Samples submitted in an unorganized fashion will be subject to a sorting surcharge and may substantially slow turnaround time. Providing an accurate detailed sample list by e-mail will also aid in improving turnaround time and for Quality Control purposes.

Rock, Core and Drill Cuttings

Code RX1	Crush (< 7 kg) up to 80% passing 2 mm, riffle split (250 g) and pulverize (mild steel) to 95% passing 105 µm included cleaner sand	$11.75
Code RX1-ORE	Crush up to 90% passing 2 mm	add $2.10
Code RX1+500	500 grams pulverized	add $1.25
Code RX1+800	800 grams pulverized	add $2.25
Code RX1+1000	1000 grams pulverized	add $2.75
Code RX1-SD	Crush (< 7 kg) up to 80% passing 2 mm, rotary split (250 g) and pulverized (mild steel) to 95% passing 105µm	$10.75
Code RX1-SD-ORE	Crush up to 90% passing 2 mm	add $2.10
Code RX3	Oversize charge per kilogram for crushing	$1.25
Code RX4	Pulverization only (mild steel) (coarse pulp or crushed rock) (< 800 g)	$7.50
Code RX5	Pulverize ceramic (100 g)	$18.75
Code RX6	Hand pulverize small samples (agate mortar & pestle) (<5g)	$18.75
Code RX7	Crush and split (< 5 kg)	$5.50
Code RX8	Sample prep only surcharge, no analyses	$4.75
Code RX9	Compositing (per composite) dry weight	$2.75
Code RX10	Weight (kg) as received	$2.25
Code RX11	Checking quality of pulps or rejects prepared by other labs and issuing report	$10.00
Code RX12	Ball Mill preparation	on request
Code RX13	Rod Mill preparation	on request
Code RX14	Core cutting	on request
Code RX15	Special Preparation/Hour	$68.25
Code RX16	Specific Gravity on Core	$14.00
Code RX16-W	Specific Gravity (WAX) on friable samples	$18.00
Code RX17	Specific Gravity on the pulp	$17.00
Code RX17-GP	Specific Gravity on the pulp by gas pycnometer	$18.00

Note: Larger sample sizes than listed above can be pulverized at additional cost.

Our Sample Preparation pricing is all-inclusive including: sorting, drying, labeling, new reject bags, using cleaner sand between each sample and crushing samples up to 7 kg (for RX1 and RX1-SD).


Riffle Splitting

Soils, Stream and Lake Bottom Sediments, and Heavy Minerals

Code S1	Drying (60ºC) and sieving (-177 µm) save all portions	$4.25
Code S1 DIS	Drying (60ºC) and sieving (-177 µm), discard oversize	$3.75
Code S1-230	Drying (60ºC) and sieving (-63 µm), save oversize	$5.75
Code S1-230 DIS	Drying (60ºC) and sieving (-63 µm), discard oversize	$5.25
Code S2	Lake bottom sediment preparation crush & sieve (-177 µm)	$9.00
Code S3	Alternate size fractions and bracket sieving, add	$2.75
Code S4	Selective Extractions or SGH drying (40ºC) & sieving (-177 µm)	$4.25
Code S5	Wet or damp samples submitted in plastic bags, add	$2.10
Code S6	Separating -2 micron material	$28.25
Code S7mi	Methylene iodide heavy mineral separation specific gravity can be customized (100 grams)	$73.75
Code S7w	Sodium polytungstate heavy mineral separation specific gravity can be customized (100 grams)	$73.75
Code S8	Sieve analysis (4 sieve sizes) coarser than 53 µm	$40.00
Code S9	Particle size analysis (laser)	$102.00


Sample Pulverizers

Sample Preparation

Sample Preparation Packages

Biogeochemical Samples

Code B1	Drying and blending humus	$5.75
Code B2	Drying and macerating vegetation	$7.00
Code B3	Dry ashing	$10.25
Code B4	Washing vegetation	$5.00
Code B5	Samples submitted in plastic bags, add	$2.35

Special Digestion Procedures

Code MDI	Microwave digestion - closed vessel	$46.00

Sample Submission, Storage and Return

When submitting samples, please indicate on the Request for Analysis form if you require sample storage, disposal or if you require samples to be returned after analysis. For returns, please include all necessary shipping information e.g., courier, account number, etc. Return of samples is done at cost + 15%. The reject portion of samples prepared by Actlabs will be retained for a period of not more than 60 days from the date of final report. Pulps and rejects stored at the customer's request will be subject to a storage charge (see sample submittal sheet for charges) billed quarterly. Irradiated material will be discarded after 30 days unless prior arrangements are made. Return of radioactive material requires a Nuclear Safety Commission licence. Cost per shipment of radioactive materials is $200.00 plus shipping costs. Disposal of soil, sediment or vegetation samples, which have entered Canada under a CFIA permit, will incur a disposal cost for larger sample volumes.

All soil, sediment and vegetation coming from outside Canada require incineration prior to disposal under CFIA regulations. All pulps and rejects will be returned to the client at cost + 15%. Disposal costs are additional. Pulps and rejects will incur a storage fee after the free period listed.

RTRN	Return of all reject portions and/or pulps	At cost + 15%
INCIN	Incineration of soil, sediment and vegetation samples from outside Canada (for samples up to 0.5 kg; samples over 0.5 kg will have higher incineration costs)	$0.50
H&R	Handling and retrieval of stored sample material	$57.75/hour
DISP	Disposal of pulps and reject to landfill site	$0.45
STORE 1	Monthly storage of reject after 60 days	$0.30
STORE 2	Monthly storage of pulps after 90 days	$0.15
STORE 3	Monthly storage of sieve rejects after 3 months	$0.20

Gold and Silver Analyses

Gold and Silver Analyses - Geochem

Code	Method	Sample Weight (g)	Metric Range	Price
1A1	Au Fire Assay - INAA	30	1 - 20,000 ppb	$20.50
1A2	Au Fire Assay - AA	30	5 - 5,000 ppb	$17.00
1A2B-30	Au Fire Assay - AA	30	5 - 10,000 ppb	$17.50
1A2-50	Au Fire Assay - AA	50	5 - 5,000 ppb	$19.50
1A2B-50	Au Fire Assay - AA	50	5 - 10,000 ppb	$20.00
1A2-ICP	Au Fire Assay - ICP-OES	30	2 - 30,000 ppb	$18.00
1A2-ICP-50	Au Fire Assay - ICP-OES	50	2 - 30,000 ppb	$20.25
1A2-ICPMS	Au Fire Assay - ICP-MS	30	0.5 - 30,000 ppb	$26.25
1A6	Au BLEG - ICP-MS	1,000	0.1 - 10,000 ppb	$40.00
1A6-50	Au Cyanide Extraction - ICP-MS Ag or Cu add-on, for each additional, add	50	0.02 - 1,000 ppb	$15.00 $5.00
1A8	Au Aqua Regia - ICP-MS	30	0.2 - 2,000 ppb	$18.00
1E-Ag	Ag Aqua Regia - ICP-OES	0.5	0.2 - 100 ppm	$6.75

Gold and Silver Analyses - Assay

Code	Method	Sample Weight (g)	Metric Range	Price
1A3-30	Au Fire Assay - Gravimetric	30	0.03 - 10,000 g/T	$22.75
1A3-50	Au Fire Assay - Gravimetric	50	0.02 - 10,000 g/T	$24.00
1A3-Ag (Au,Ag)	Au, Ag Fire Assay - Gravimetric	30	0.03 - 10,000 g/T (Au) 3 - 10,000 g/T (Ag)	$26.25
1A4 *	Au Fire Assay - Metallic Screen	500	0.03 g/T	$79.50
1A4-1000 *	Au Fire Assay - Metallic Screen	1,000	0.03 g/T	$90.75
8-Ag	Ag Fire Assay - Gravimetric	30	3 - 10,000 g/T	$25.50

When submitting samples for Au and Ag analysis, or Au, Pt Pd and Rh analysis, please try to ensure you send two-times the listed weight.

Gold, Platinum, Palladium and Rhodium

Code	Method	Sample Weight (g)	Range (ppb)				Price
			Au	Pt	Pd	Rh	
1C-Exploration	Fire Assay - ICP-MS	30	2 - 30,000	1 - 30,000	1 - 30,000		$22.75
1C-EXP 2	Fire Assay - ICP-MS	30	1 - 30,000	0.5 - 30,000	0.5 - 30,000		$25.00
1C-research	Fire Assay - ICP-MS	30	1 - 30,000	0.1 - 30,000	0.1 - 30,000		$36.25
1C-Rhodium	Fire Assay - ICP-MS	30	-	-	-	5 - 10,000	$34.25
1C-OES	Fire Assay - ICP-OES	30	2 - 30,000	5 - 30,000	5 - 30,000		$20.75
8 Au Pt Pd	Fire Assay - ICP-OES	30	0.001 - 1000 g/T	0.001 - 1000 g/T	0.001 - 1000 g/T		$51.25

Platinum Group Elements

Code	Method	Sample Weight (g)	Range (ppb)							Price
			Os	Ir	Ru	Rh	Pt	Pd	Au	
1B1	NiS Fire Assay - INAA	25	2	0.1	5	0.2	5 †	2	0.5	1-2 samples $363.25 3+ samples $181.75
1B2	NiS Fire Assay - ICP-MS	50	-	1	1	1	1	1	1	1-2 samples $363.25 3+ samples $181.75

Organic Sample Surcharge - $1.25/sample for Fire Assay packages

Notes:

Use of 50 gram sample for fire assay may not provide optimum recovery.

For proper fire assay fusion, Actlabs may reduce the sample weights to 15 g or smaller at its discretion.

* A representative 500 gram or 1000 gram (or customized) sample split is sieved at 149µm, with assays performed on the entire +149 µm fraction and two splits of the -149 µm fraction. It is important not to overpulverize the sample too finely; as tests have shown gold will plate out on the mill and be lost. When assays have been completed on the coarse and fine portions of the bulk sample, a final assay is calculated based on the weight of each fraction.

† Detection limits for Pt are increased with high Au/Pt ratios and limits for other elements will be affected by abnormally high Au, Sb and Cu content.
Samples with high Au can be reanalyzed by Code 1C exploration or research. Zn concentrates are not amenable to the nickel sulphide fire assay. Au results by Code 1B1 or 1B2 can be low by nickel sulphide fire assay. For accurate Au values, please request Code 1C-exploration.

Aqua Regia "Partial" Digestion

This digestion uses a combination of concentrated hydrochloric and nitric acids to leach sulphides, some oxides and some silicates. Mineral phases which are hardly (if at all) attacked include barite, zircon, monazite, sphene, chromite, gahnite, garnet, ilmenite, rutile and cassiterite. The balance of silicates and oxides are only slightly to moderately attacked, depending on the degree of alteration. Generally, but not always, most base metals and gold are usually dissolved.

Note: **Results from acid digestions may be lab dependent or lab operator dependent. Actlabs has automated this aspect of digestion using a microprocessor designed hotbox to accurately reproduce digestion conditions every time.**

Note: **For Code Ultratrace 1, Code Ultratrace 2 and Code UT-1M, Au is semi-quantitative due to the small sample size.**

Hg add-on by cold vapour FIMS	
Code 1G (5 ppb)	add $10.25

Assays

Package	Code 8 - AR ICP-OES	Code 8 - AR ICP-MS
Ag	3 ppm	-
As	0.01 %	0.0004 - 1 %
Bi	-	0.0001 - 1 %
Cd	0.003 %	-
Co	0.003 %	0.0001 - 1 %
Cs	-	0.0001 - 1 %
Cu	0.001 %	0.0001 - 1 %
Fe	0.003 %	-
Ga	-	0.0001 - 1 %
Ge	-	0.0001 - 1 %
Hg	0.001 %	-
In	-	0.0001 - 1 %
Li	-	0.0001 - 1 %
Mo	-	0.0001 - 1 %
Ni	0.003 %	0.0001 - 1 %
Pb	0.003 %	0.0001 - 1 %
Re	-	0.0001 - 1 %
Se	-	0.0001 - 1 %
Sn	-	0.0003 - 1 %
Te	-	0.0001 - 1 %
Th	-	0.0001 - 1 %
Tl	-	0.0001 - 1 %
U	-	0.0001 - 1 %
W	-	0.0001 - 1 %
Zn	0.001 %	0.0001 - 1 %
One Element	**$12.75**	**$16.00**
Each Additional Element	**$2.25**	**$2.25**
All Elements	**$18.00**	**$21.50**

	ICP-OES		ICP-MS		ICP-OES + ICP-MS
Package	**1E**	**1E3**	**UT-1M**	**Ultratrace 1**	**Ultratrace 2**
Ag	0.2 - 100 ppm	0.2 - 100 ppm	0.1 - 100 ppm	0.002 - 100 ppm	0.002 - 100 ppm
Al	-	0.01 - 10 %	0.01 - 8 %	0.01 - 8 %	0.01 - 8 %
As	-	2 - 10,000 ppm	0.5 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm
Au	-	-	0.5 - 1,000 ppb	0.5 - 10,000 ppb	0.5 - 10,000 ppb
B	-	10 - 10,000 ppm	20 - 2,000 ppm	1 - 5,000 ppm	1 - 5,000 ppm
Ba	-	10 - 10,000 ppm	1 - 10,000 ppm	0.5 - 6,000 ppm	0.5 - 6,000 ppm
Be	-	0.5 - 1,000 ppm	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm
Bi	-	2 - 10,000 ppm	0.1 - 2,000 ppm	0.02 - 2,000 ppm	0.02 - 2,000 ppm
Ca	-	0.01 - 10 %	0.01 - 25 %	0.01 - 25 %	0.01 - 25 %
Cd	0.5 - 2,000 ppm	0.5 - 2,000 ppm	0.1 - 2,000 ppm	0.01 - 2,000 ppm	0.01 - 1,000 ppm
Ce	-	-	-	0.01 - 10,000 ppm	0.01 - 10,000 ppm
Co	-	1 - 10,000 ppm	0.1 - 5,000 ppm	0.1 - 5,000 ppm	0.1 - 5,000 ppm
Cr	-	1 - 10,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm
Cs	-	-	-	0.02 - 500 ppm	0.02 - 500 ppm
Cu	1 - 10,000 ppm	1 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 10,000 ppm
Dy	-	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm
Er	-	-	-	0.1 - 1,000 ppm	0.1 ppm
Eu	-	-	-	0.1 - 100 ppm	0.1 ppm
Fe	-	0.01 - 30 %	0.01 - 30 %	0.01 - 30 %	0.01 - 30 %
Ga	-	10 - 10,000 ppm	1 - 1,000 ppm	0.02 - 500 ppm	0.02 - 500 ppm
Gd	-	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm
Ge	-	-	-	0.1 - 500 ppm	0.1 - 500 ppm
Hf	-	-	-	0.1 - 500 ppm	0.1 - 500 ppm
Hg	1 - 10,000 ppm	1 - 10,000 ppm	0.01 - 50 ppm	10 - 10,000 ppb	10 - 10,000 ppb
Ho	-	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm
In	-	-	-	0.02 - 500 ppm	0.02 - 500 ppm
K	-	0.01 - 10 %	0.01 - 5 %	0.01 - 5 %	0.01 - 5 %
La	-	10 - 10,000 ppm	1 - 10,000 ppm	0.5 - 10,000 ppm	0.5 - 1,000 ppm
Li	-	-	-	0.1 - 10,000 ppm	0.1 - 10,000 ppm
Lu	-	-	-	0.1 - 100 ppm	0.1 - 100 ppm
Mg	-	0.01 - 25 %	0.01 - 10 %	0.01 - 10 %	0.01 - 10 %
Mn	2 - 100,000 ppm	5 - 100,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm
Mo	2 - 10,000 ppm	1 - 10,000 ppm	0.1 - 10,000 ppm	0.01 - 10,000 ppm	0.01 - 10,000 ppm
Na	-	0.001 - 10 %	0.001 - 5 %	0.001 - 5 %	0.001 - 5 %
Nb	-	-	-	0.1 - 500 ppm	0.1 - 500 ppm
Nd	-	-	-	0.02 -5,000 ppm	0.02 - 5,000 ppm
Ni	1 - 10,000 ppm	1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm
P	-	0.001 - 5 %	0.001 - 5 %	0.001 - 5 %	0.001 - 5 %
Pb	2 - 5,000 ppm	2 - 5,000 ppm	0.1 - 5,000 ppm	0.1 - 5,000 ppm	0.1 - 5,000 ppm
Pr	-	-	-	0.1 -1,000 ppm	0.1 - 1,000 ppm
Rb	-	-	-	0.1 - 500 ppm	0.1 - 500 ppm
Re	-	-	-	0.001 - 100 ppm	0.001 - 100 ppm
S +	0.001 - 20 %	0.01 - 20 %	1 - 20 %	1 - 20 %	0.001 - 20 %
Sb	-	2 - 10,000 ppm	0.1 - 500 ppm	0.02 - 500 ppm	0.02 - 500 ppm
Sc	-	1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm
Se	-	-	0.5 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm
Sm	-	-	-	0.1 - 100 ppm	0.1 - 100 ppm
Sn	-	-	-	0.05 - 200 ppm	0.05 - 200 ppm
Sr	-	1 - 10,000 ppm	1 - 5,000 ppm	0.5 - 5,000 ppm	0.5 - 5,000 ppm
Ta	-	-	-	0.05 - 50 ppm	0.05 - 50 ppm
Tb	-	-	-	0.1 - 100 ppm	0.1 - 100 ppm
Te	-	1 - 500 ppm	0.2 - 500 ppm	0.02 - 500 ppm	0.02 - 500 ppm
Th	-	20 - 10,000 ppm	0.1 - 200 ppm	0.1 - 200 ppm	0.1 - 200 ppm
Ti	-	0.01 - 10 %	0.001 - 10 %	0.001 - 10 %	0.01 - 10 %
Tl	-	2 - 10,000 ppm	0.1 - 500 ppm	0.02 - 500 ppm	0.02 - 500 ppm
Tm	-	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm
U	-	10 - 10,000 ppm	-	0.1 - 10,000 ppm	0.1 - 10,000 ppm
V	-	1 - 10,000 ppm	2 - 1,000 ppm	1 - 1,000 ppm	1 - 1,000 ppm
W	-	10 - 200 ppm	0.1 - 200 ppm	0.1 - 200 ppm	0.1 - 200 ppm
Y	-	1 - 1,000 ppm	-	0.01 - 500 ppm	0.01 - 500 ppm
Yb	-	-	-	0.1 - 200 ppm	0.1 - 200 ppm
Zn	1 - 10,000 ppm	2 - 10,000 ppm	1 - 5,000 ppm	0.1 - 5,000 ppm	0.1 - 5,000 ppm
Zr	-	1 - 10,000 ppm	-	0.1- 5,000 ppm	0.1 - 5,000 ppm
Price:	**$12.25**	**$13.00**	**$17.75**	**$22.00**	**$25.00**

Extraction of each element by Aqua Regia Digestion is dependent on mineralogy
+ Sulphide sulphur and soluble sulphates are extracted

4-Acid "Near Total" Digestion

This acid attack is the most vigorous digestion used in geochemistry. It will employ hydrochloric, nitric, perchloric and hydrofluoric acids. Even with this digestion, certain minerals (barite, gahnite, chromite, cassiterite, etc.) may only be partially dissolved or stable in solution. Other minerals including zircon, sphene and magnetite may not be totally dissolved. Most other silicates will be dissolved, however some elements will be erratically volatilized, including As, Sb, Cr, U and Au.

Near-Total digestion **cannot** be used to obtain accurate determinations of REE, Ta, Nb, As, Sb, Sn, Hg, Cr, Au and U.

Note: **Results from acid digestions may be lab dependent or lab operator dependent. Actlabs has automated this aspect of digestion using a microprocessor designed hotbox to accurately reproduce digestion conditions every time.**

Hg add-on by cold vapour FIMS	
Code 1G (5 ppb)	add $10.25

Assays

Package	Code 8 - 4 Acid ICP-OES	Code 8 - 4 Acid ICP-MS
Ag	3 ppm	1 - 10,000 ppm
Bi	-	0.0001 - 1 %
Cd	0.003 %	0.0001 - 1 %
Co	0.003 %	0.0001 - 1 %
Cu	0.001 %	0.0001 - 1 %
Li	0.001 %	-
Mo	0.003 %	0.0001 - 1 %
Ni	0.003 %	0.0001 - 1 %
Pb	0.003 %	0.0001 - 1 %
Se	-	0.0001 - 1 %
Sn	-	0.0001 - 1 %
Tl	-	0.0001 - 1 %
U	-	0.0001 - 1 %
Zn	0.001 %	0.0001 - 1 %
One Element	**$14.75**	**$17.00**
Each Additional Element	**$2.25**	**$2.25**
All Elements	**$20.50**	**$22.75**

	ICP-OES	ICP-MS		ICP-OES + ICP-MS	
Package	**1F2**	**UT-4M**	**Ultratrace 4**	**Ultratrace 6**	**UT-6M**
Ag	0.3 - 100 ppm	0.1 - 100 ppm	0.05 - 100 ppm	0.05 - 100 ppm	0.01 - 100 ppm
Al	0.01 - 50 %	0.01 - 20 %	0.01 - 10 %	0.01 - 10 %	0.01 - 50 %
As	3 - 5,000 ppm	1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.2 - 10,000 ppm
B	-	-	20 - 6,000 ppm	-	-
Ba	7 - 1,000 ppm	1 - 10,000 ppm	1 - 5,000 ppm	1 - 5,000 ppm	10 - 10,000 ppm
Be	1 - 10,000 ppm	1 - 1,000 ppm	0.1 - 1,000 ppm	0.1 - 1,000 ppm	0.05 - 1,000 ppm
Bi	2 - 10,000 ppm	0.1 - 4,000 ppm	0.02 - 2,000 ppm	0.02 - 2,000 ppm	0.01 - 10,000 ppm
Ca	0.01 - 70 %	0.01 - 40 %	0.01 - 50 %	0.01 - 50 %	0.01 - 50 %
Cd	0.3 - 2,000 ppm	0.1 - 4,000 ppm	0.1 - 1,000 ppm	0.1 - 1,000 ppm	0.02 - 1,000 ppm
Ce	-	1 - 2,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.01 - 500 ppm
Co	1 - 10,000 ppm	0.2 - 4,000 ppm	0.1 - 500 ppm	0.1 - 500 ppm	0.1 - 10,000 ppm
Cr	1 - 10,000 ppm	1 - 10,000 ppm	1 - 5,000 ppm	1 - 5,000 ppm	1 - 10,000 ppm
Cs	-	0.1 - 10,000 ppm	0.05 - 100 ppm	0.05 - 100 ppm	0.05 - 500 ppm
Cu	1 - 10,000 ppm	0.1 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 10,000 ppm
Dy	-	-	0.1 - 5000 ppm	0.1 - 5,000 ppm	-
Er	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm	-
Eu	-	-	0.05 - 100 ppm	0.05 - 100 ppm	-
Fe	0.01 - 50 %	0.01 - 60 %	0.01 - 50 %	0.01 - 50 %	0.01 - 50 %
Ga	1 - 10,000 ppm	-	0.1 - 500 ppm	0.1 - 500 ppm	0.05 - 10,000 ppm
Gd	-	-	0.1 - 5,000 ppm	0.1 - 5,000 ppm	-
Ge	-	-	0.1 - 500 ppm	0.1 - 500 ppm	0.05 - 500 ppm
Hf	-	0.1 - 1,000 ppm	0.1 - 500 ppm	0.1 - 500 ppm	0.1 - 500 ppm
Hg	1	-	10 - 10,000 ppb	10 - 10,000 ppb	-
Ho	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm	-
In	-	-	0.1 - 100 ppm	0.1 - 100 ppm	0.005 - 500 ppm
K	0.01 - 10 %	0.01 - 10 %	0.01 - 5 %	0.01 - 5 %	0.01 - 10 %
La	-	0.1 - 2,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.5 - 10,000 ppm
Li	1 - 10,000 ppm	0.1 - 2,000 ppm	0.5 - 400 ppm	0.5 - 400 ppm	0.2 - 10,000 ppm
Lu	-	-	0.1 - 100 ppm	0.1 - 100 ppm	-
Mg	0.01 - 50 %	0.01 - 30 %	0.01 - 50 %	0.01 - 50 %	0.01 - 50 %
Mn	1 - 100,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm	1 - 10,000 ppm	5 - 100,000 ppm
Mo	1 - 10,000 ppm	0.1 - 4,000 ppm	0.05 - 10,000 ppm	0.1 - 10,000 ppm	0.05 - 10,000 ppm
Na	0.01 - 10 %	0.001 - 10 %	0.01 - 3 %	0.01 - 3 %	0.01 - 10 %
Nb	-	0.1 - 2,000 ppm	0.1 - 500 ppm	0.1 - 500 ppm	0.1 - 500 ppm
Nd	-	-	0.1 - 10,000 ppm	0.1 - 10,000 ppm	-
Ni	1 - 10,000 ppm	0.1 - 10,000 ppm	0.5 - 5,000 ppm	0.5 - 5,000 ppm	0.2 - 10,000 ppm
P	0.001 - 10 %	0.001 - 5 %	-	0.001 - 10 %	10 - 10,000 ppm
Pb	3 - 5,000 ppm	0.1 - 5,000 ppm	0.5 - 5,000 ppm	0.5 - 5,000 ppm	0.5 - 10,000 ppm
Pr	-	-	0.1 - 5,000 ppm	0.1 - 1,000 ppm	-
Rb	-	0.1 - 2,000 ppm	0.2 - 500 ppm	0.2 - 5,000 ppm	0.1 - 10,000 pm
Re	-	-	0.001 - 100 ppm	0.001 - 100 ppm	0.002 - 50 ppm
S +	0.01 - 20 %	1 - 10 %	-	0.01 - 20 %	0.01 - 10 %
Sb	5 - 10,000 ppm	0.1 - 4,000 ppm	0.1 - 500 ppm	0.1 - 500 ppm	0.05 - 10,000 ppm
Sc	4 - 10,000 ppm	1 - 200 ppm	-	1 - 5,000 ppm	0.1 - 10,000 ppm
Se	-	-	0.1 - 1,000 ppm	0.1 - 1,000 ppm	1 - 1,000 ppm
Sm	-	-	0.1 - 100 ppm	0.1 - 100 ppm	-
Sn	-	0.1 - 2,000 ppm	1 - 200 ppm	1- 200 ppm	0.2 - 500 ppm
Sr	1 - 10,000 ppm	1 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 1,000 ppm	0.2 - 10,000 ppm
Ta	-	0.1 - 2,000 ppm	0.1 - 1,000 ppm	0.1 - 1,000 ppm	0.05 - 100 ppm
Tb	-	-	0.1 - 100 ppm	0.1 - 100 ppm	-
Te	2 -10,000 ppm	-	0.1 - 500 ppm	0.1 - 500 ppm	0.05 - 500 ppm
Th	-	0.1 - 4,000 ppm	0.1 - 500 ppm	0.1 - 500 ppm	0.2 - 10,000 pm
Ti	0.01 - 10 %	0.001 - 10 %	-	0.0005 - 10 %	0.005 - 10 %
Tl	5 - 10,000 ppm	0.05 - 10,000 ppm	0.05 - 500 ppm	0.05 - 500 ppm	0.02 - 10,000 ppm
Tm	-	-	0.1 -1,000 ppm	0.1 - 1,000 ppm	-
U	10 - 10,000 ppm	0.1 - 4,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm
V	2 - 10,000 ppm	4 - 10,000 ppm	1 - 10,000 ppm	1 - 1,000 ppm	1 - 10,000 ppm
W	5 - 10,000 ppm	0.1 - 200 ppm	0.1 - 200 ppm	0.1 - 200 ppm	0.1 - 10,000 ppm
Y	1 - 1,000 ppm	0.1 - 2,000 ppm	0.1 - 10,000 ppm	0.1 - 10,000 ppm	0.1 - 500 ppm
Yb	-	-	0.1 - 5,000 ppm	0.1 - 5,000 ppm	-
Zn	1 - 10,000 ppm	1 - 10,000 ppm	0.2 - 10,000 ppm	0.2 - 10,000 ppm	2 - 10,000 ppm
Zr	5 - 10,000 ppm	0.1 - 2,000 ppm	1 - 5,000 ppm	1 - 5,000 ppm	0.5 - 500 ppm
Price:	**$17.00**	**$21.25**	**$24.00**	**$35.00**	**$28.50**

Extraction of each element by 4-Acid Digestion is dependent on mineralogy
+ Sulphide sulphur and soluble sulphates are extracted

APPENDIX VIII

Statement of Expenditures

STATEMENT of EXPENDITURES

The following is a breakdown of expenditures related to the 2019 field program on the Wire Lake Property.

Labour:

Preparation, field work, travel	
Labour	$ 38,025.00
Prepare maps etc.	
Drafting & digitizing	$ 5,013.00
Report Writing	
Report Writing	$ 13,712.50

Associated Costs:

Meals & Groceries	$ 2,469.94
Field Supplies	$ 987.43
Ground Transportation	$ 623.00
Camp Rental	$ 1,750.00
Motel	$ 548.64
Courier	$ 186.57
Generator fuel	$ 582.13
Helicopter	$ 26,800.00
Warehouse in Marathon	$ 557.52

Analytical Costs:

Actlabs (160 grab samples)	$ 6,252.00
Actlabs (109 humus samples)	$ 3,733.25
Actlabs (78 B horizon samples)	$ 2,632.50
Actlabs (5 lake sediment samples)	$ 171.25

TOTAL EXPENDITURES	**$ 104,044.73**

TOTAL EXPENDITURES BY CLAIM

Cell No.	Rock Samples Collected per Cell	B Horizon Soil Samples Collected per Cell	Humus Soil Samples Collected per Cell	Lake Sediment Samples Collected per Cell	Expenditure per Cell
194336	1				$ 298.24
206867	22	13	19		$ 15,946.46
214283	5				$ 1,491.20
218352	1			1	$ 591.73
226271	2	4	9		$ 4,409.85
263769	18	18	18	2	$ 16,511.94
265464	10				$ 2,982.40
265572	1	5	7		$ 3,817.62
288079	4			1	$ 1,486.45
299370	61	26	42		$ 38,140.21
319970	34	5	5		$ 13,084.56
322139	1	4	4		$ 2,644.16
153031				1	$ 293.49
333937		3	5		$ 2,346.42
Total	**160**	**78**	**109**	**5**	**$ 104,044.73**

APPENDIX IX

List of Mining Cells-Claims
(Table IV)

Township / Area	Tenure ID	Tenure Type	Anniversary Date
COTTE	104690	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	104801	Single Cell Mining Claim	2021-02-22
COTTE	104911	Single Cell Mining Claim	2025-02-21
COTTE	105870	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	107254	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA,O NEILL	107379	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	107997	Boundary Cell Mining Claim	2020-08-15
LORNA LAKE AREA	111506	Boundary Cell Mining Claim	2020-08-15
LORNA LAKE AREA	115401	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	115433	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	115443	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	117414	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	117986	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	118804	Single Cell Mining Claim	2021-02-22
COTTE	120586	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	120724	Single Cell Mining Claim	2021-02-22
COTTE,LORNA LAKE AREA,O NEILL	123860	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	125450	Boundary Cell Mining Claim	2020-08-15
LORNA LAKE AREA,O NEILL,SEELEY LAKE AREA	127352	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	127824	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	129521	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	129887	Single Cell Mining Claim	2021-02-22
CIRRUS LAKE AREA	130241	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	130436	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	130880	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	130881	Boundary Cell Mining Claim	2021-02-22
O NEILL	131030	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	132302	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	133307	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	133311	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	133312	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	133331	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	133336	Boundary Cell Mining Claim	2020-10-26
COTTE	133417	Single Cell Mining Claim	2020-10-12
O NEILL	138816	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	139540	Boundary Cell Mining Claim	2021-02-22
O NEILL,PIC	140441	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	141638	Single Cell Mining Claim	2021-02-22
O NEILL	142296	Boundary Cell Mining Claim	2020-11-25
O NEILL	148676	Boundary Cell Mining Claim	2021-03-25
CIRRUS LAKE AREA	148906	Boundary Cell Mining Claim	2020-11-25
COTTE,O NEILL	149074	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	151361	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	151362	Single Cell Mining Claim	2020-05-12
O NEILL	151971	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	153031	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	153529	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	153530	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	153570	Single Cell Mining Claim	2020-10-26
O NEILL	153838	Boundary Cell Mining Claim	2020-11-25
COTTE	153863	Single Cell Mining Claim	2020-10-12
SEELEY LAKE AREA	155850	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	160575	Single Cell Mining Claim	2020-08-15
COTTE	163176	Single Cell Mining Claim	2025-03-25
COTTE	163177	Single Cell Mining Claim	2021-03-25
O NEILL	164532	Boundary Cell Mining Claim	2020-11-25
COTTE,O NEILL	164653	Single Cell Mining Claim	2021-03-25
CIRRUS LAKE AREA	165370	Boundary Cell Mining Claim	2020-11-25
COTTE	166624	Boundary Cell Mining Claim	2020-10-12

O NEILL	167737	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	168360	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	169691	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	170140	Boundary Cell Mining Claim	2020-10-12
CIRRUS LAKE AREA,LORNA LAKE AREA	171577	Single Cell Mining Claim	2020-11-25
COTTE	174712	Single Cell Mining Claim	2025-03-25
O NEILL	175299	Single Cell Mining Claim	2021-03-25
O NEILL	175821	Single Cell Mining Claim	2020-11-25
O NEILL	176085	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	176837	Boundary Cell Mining Claim	2021-02-22
O NEILL	178062	Boundary Cell Mining Claim	2020-11-25
COTTE	184618	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	184706	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	185450	Single Cell Mining Claim	2020-08-15
LORNA LAKE AREA	185705	Boundary Cell Mining Claim	2021-02-22
COTTE,O NEILL	186980	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	188072	Single Cell Mining Claim	2020-05-12
O NEILL	190604	Single Cell Mining Claim	2020-10-12
O NEILL	191837	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	192799	Single Cell Mining Claim	2021-02-22
COTTE,O NEILL	193459	Boundary Cell Mining Claim	2020-11-25
COTTE	193476	Single Cell Mining Claim	2021-03-25
COTTE	193517	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	194336	Single Cell Mining Claim	2021-02-22
COTTE	194411	Single Cell Mining Claim	2020-10-12
LORNA LAKE AREA	195013	Boundary Cell Mining Claim	2021-02-22
CIRRUS LAKE AREA	195057	Single Cell Mining Claim	2020-11-25
COTTE,O NEILL	196339	Single Cell Mining Claim	2020-08-15
LORNA LAKE AREA	197104	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	199369	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	199392	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	201081	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	203130	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	206867	Boundary Cell Mining Claim	2020-10-26
LORNA LAKE AREA	206868	Single Cell Mining Claim	2020-10-26
O NEILL,PIC	208450	Boundary Cell Mining Claim	2020-11-25
COTTE,LORNA LAKE AREA	209578	Single Cell Mining Claim	2025-02-21
LORNA LAKE AREA	209654	Single Cell Mining Claim	2025-03-25
O NEILL	212378	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	214283	Single Cell Mining Claim	2020-10-26
O NEILL	216514	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	218352	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	218982	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	218985	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	218986	Single Cell Mining Claim	2020-10-12
LORNA LAKE AREA	218987	Boundary Cell Mining Claim	2020-10-26
LORNA LAKE AREA	219006	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	219007	Boundary Cell Mining Claim	2021-02-22
CIRRUS LAKE AREA,LORNA LAKE AREA	219805	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	221206	Single Cell Mining Claim	2021-02-22
COTTE	221312	Single Cell Mining Claim	2025-02-21
COTTE	224445	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	225817	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	226271	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	226272	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	226294	Boundary Cell Mining Claim	2020-05-12
COTTE	231228	Boundary Cell Mining Claim	2021-03-25
O NEILL	231352	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA,O NEILL	233279	Single Cell Mining Claim	2021-03-25
COTTE	233915	Boundary Cell Mining Claim	2020-10-12
O NEILL	235067	Single Cell Mining Claim	2020-11-25

LORNA LAKE AREA	235174	Single Cell Mining Claim	2025-02-21
LORNA LAKE AREA	236223	Single Cell Mining Claim	2020-05-12
COTTE	236955	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	237057	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	237565	Boundary Cell Mining Claim	2020-08-15
LORNA LAKE AREA	237717	Boundary Cell Mining Claim	2021-02-22
O NEILL	238169	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	238393	Single Cell Mining Claim	2021-02-22
O NEILL	238629	Single Cell Mining Claim	2020-10-12
COTTE,O NEILL	240025	Single Cell Mining Claim	2020-10-12
COTTE,O NEILL	240026	Single Cell Mining Claim	2020-10-12
LORNA LAKE AREA	241331	Single Cell Mining Claim	2025-02-21
LORNA LAKE AREA	242416	Boundary Cell Mining Claim	2020-08-15
O NEILL	243480	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	243650	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	244689	Single Cell Mining Claim	2021-02-22
COTTE	245358	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	245402	Single Cell Mining Claim	2020-08-15
COTTE	245473	Boundary Cell Mining Claim	2020-10-12
COTTE	246023	Single Cell Mining Claim	2025-03-25
COTTE,LORNA LAKE AREA	246566	Boundary Cell Mining Claim	2021-02-22
COTTE	248765	Single Cell Mining Claim	2025-03-25
CIRRUS LAKE AREA	249635	Single Cell Mining Claim	2020-11-25
COTTE,O NEILL	250168	Boundary Cell Mining Claim	2020-11-25
COTTE	250200	Boundary Cell Mining Claim	2021-03-25
COTTE,LORNA LAKE AREA	251050	Single Cell Mining Claim	2025-03-25
COTTE	252394	Boundary Cell Mining Claim	2020-10-12
COTTE	252820	Boundary Cell Mining Claim	2020-10-12
COTTE	252821	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	255435	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	258316	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	258317	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	263769	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	265464	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	265493	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	265494	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	265495	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	265503	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA	265572	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	265599	Boundary Cell Mining Claim	2020-11-25
O NEILL	270410	Single Cell Mining Claim	2020-11-25
CIRRUS LAKE AREA	270621	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	273381	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	273384	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	273411	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	273419	Boundary Cell Mining Claim	2020-10-26
LORNA LAKE AREA	273492	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	275056	Boundary Cell Mining Claim	2020-08-15
LORNA LAKE AREA	276340	Single Cell Mining Claim	2021-02-22
O NEILL	276927	Single Cell Mining Claim	2020-11-25
O NEILL	276928	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	278837	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	279400	Single Cell Mining Claim	2021-02-22
COTTE	280427	Single Cell Mining Claim	2021-02-22
COTTE,O NEILL	281943	Single Cell Mining Claim	2020-08-15
LORNA LAKE AREA	282198	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	283149	Single Cell Mining Claim	2025-02-21
COTTE,LORNA LAKE AREA	284568	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	285506	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	285508	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	285548	Boundary Cell Mining Claim	2020-10-26

LORNA LAKE AREA	285549	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	285604	Boundary Cell Mining Claim	2020-05-12
LORNA LAKE AREA,SEELEY LAKE AREA	287145	Boundary Cell Mining Claim	2021-03-25
O NEILL	287309	Single Cell Mining Claim	2020-10-12
LORNA LAKE AREA	288079	Single Cell Mining Claim	2021-02-22
LORNA LAKE AREA	288080	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	289343	Single Cell Mining Claim	2020-08-15
CIRRUS LAKE AREA	290888	Single Cell Mining Claim	2020-11-25
O NEILL,PIC	292942	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	294100	Single Cell Mining Claim	2025-03-25
O NEILL	294117	Single Cell Mining Claim	2021-03-25
O NEILL	294828	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	295025	Boundary Cell Mining Claim	2021-02-22
O NEILL	295862	Single Cell Mining Claim	2020-11-25
CIRRUS LAKE AREA	296788	Single Cell Mining Claim	2020-11-25
CIRRUS LAKE AREA	298744	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	299370	Single Cell Mining Claim	2020-10-26
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COTTE	300942	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	301490	Single Cell Mining Claim	2020-08-15
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LORNA LAKE AREA	303369	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	303555	Boundary Cell Mining Claim	2021-02-22
LORNA LAKE AREA	303923	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	303924	Single Cell Mining Claim	2020-05-12
COTTE,LORNA LAKE AREA	306241	Single Cell Mining Claim	2021-02-22
O NEILL,SEELEY LAKE AREA	307382	Boundary Cell Mining Claim	2021-03-25
LORNA LAKE AREA	314231	Boundary Cell Mining Claim	2021-02-22
O NEILL	315709	Boundary Cell Mining Claim	2020-11-25
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O NEILL	317819	Single Cell Mining Claim	2021-03-25
COTTE	318099	Single Cell Mining Claim	2020-10-12
O NEILL	318191	Single Cell Mining Claim	2021-03-25
CIRRUS LAKE AREA	318861	Single Cell Mining Claim	2020-11-25
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LORNA LAKE AREA	320001	Single Cell Mining Claim	2020-05-12
CIRRUS LAKE AREA	320375	Single Cell Mining Claim	2020-11-25
LORNA LAKE AREA	321681	Boundary Cell Mining Claim	2020-11-25
O NEILL	321755	Single Cell Mining Claim	2020-10-12
LORNA LAKE AREA	322095	Single Cell Mining Claim	2020-05-12
LORNA LAKE AREA	322096	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	322097	Single Cell Mining Claim	2020-05-12
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LORNA LAKE AREA	322138	Boundary Cell Mining Claim	2020-10-26
LORNA LAKE AREA	322139	Boundary Cell Mining Claim	2021-02-22
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CIRRUS LAKE AREA	328047	Boundary Cell Mining Claim	2020-11-25
LORNA LAKE AREA	330416	Single Cell Mining Claim	2021-03-25
LORNA LAKE AREA	333937	Boundary Cell Mining Claim	2020-10-26
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LORNA LAKE AREA	334160	Single Cell Mining Claim	2020-10-26
LORNA LAKE AREA	334286	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	334987	Single Cell Mining Claim	2021-02-22
O NEILL	335120	Boundary Cell Mining Claim	2020-10-12
LORNA LAKE AREA	337550	Single Cell Mining Claim	2021-02-22
COTTE	338178	Boundary Cell Mining Claim	2021-03-25
O NEILL	339638	Boundary Cell Mining Claim	2020-11-25
CIRRUS LAKE AREA	340928	Boundary Cell Mining Claim	2020-11-25
COTTE,LORNA LAKE AREA	342785	Single Cell Mining Claim	2021-03-25
O NEILL	343004	Boundary Cell Mining Claim	2020-11-25

COTTE	343537	Single Cell Mining Claim	2020-10-12
COTTE,LORNA LAKE AREA	344992	Single Cell Mining Claim	2025-03-25
LORNA LAKE AREA	345084	Single Cell Mining Claim	2025-08-14

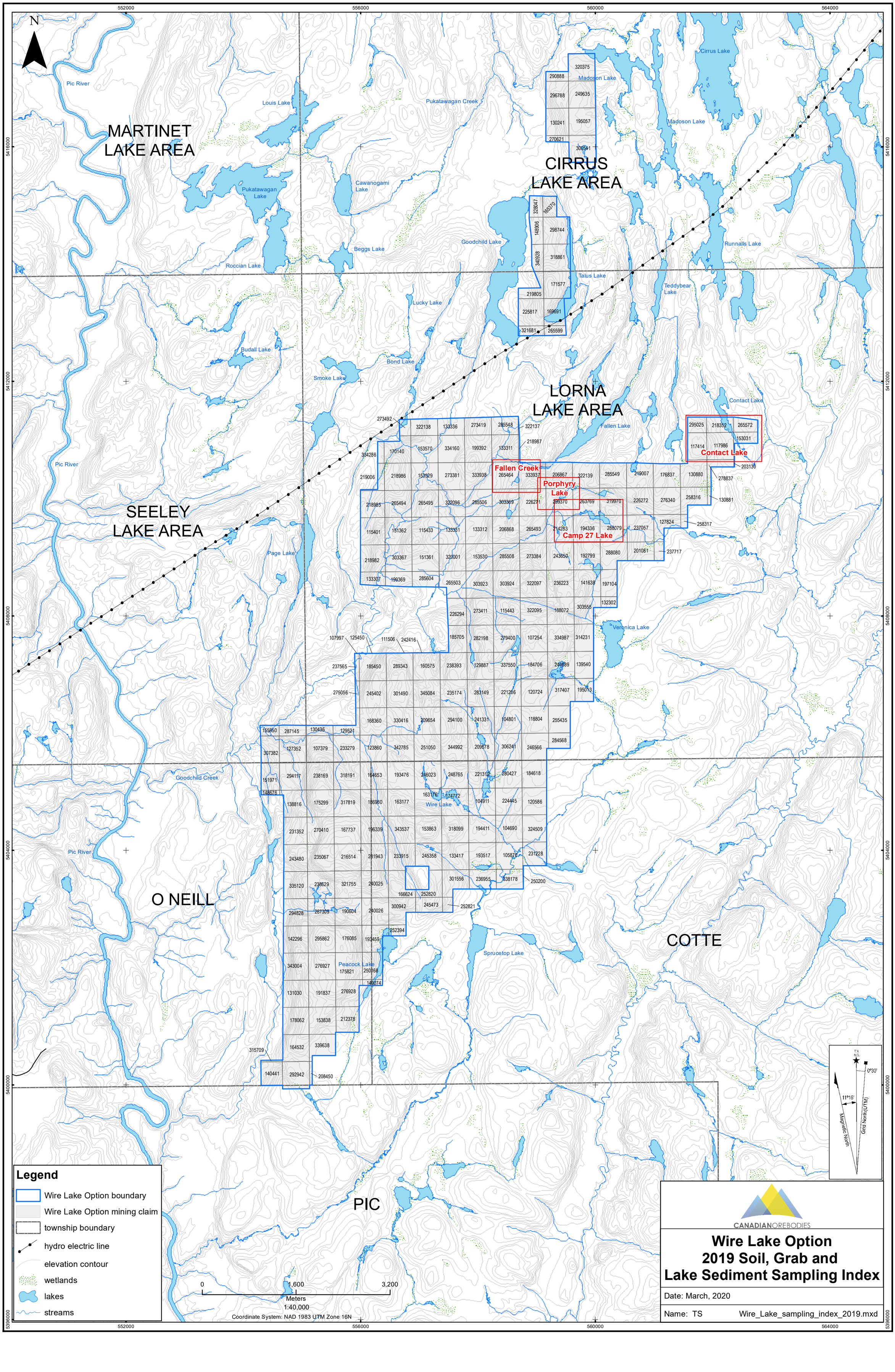
APPENDIX X

Daily Logs

Daily Log Wire Project June - October 2019				
Date	B. Maclachlan days	Activities	C. Robertson days	Activities
11-Aug-2020	1	Packed up camp, flew to Camp-27	1	Packed up camp, flew to Camp-27
12-Aug-2020	1	Prospecting around Camp-27	1	Prospecting around Camp-27
13-Aug-2020	1	Prospecting west of camp	1	Prospecting west of camp
14-Aug-2020	1	Prospecting north & east of camp	1	Prospecting north & east of camp
15-Aug-2020	1	Prospecting upto the Fallen Lk Fault	1	Prospecting upto the Fallen Lk Fault
16-Aug-2020	1	Prospecting south of Camp-27	1	Prospecting south of Camp-27
17-Aug-2020	1	Prospecting south of Camp-27	1	Prospecting south of Camp-27
18-Aug-2020	1	Soil sampling N of Camp-27	1	Soil sampling N of Camp-27
19-Aug-2020	1	Soil sampling N of Camp-27	1	Soil sampling N of Camp-27
20-Aug-2020	1	Rain day	1	Rain day
21-Aug-2020	1	Prospecting at Porphyry Lake	1	Prospecting at Porphyry Lake
22-Aug-2020	1	Prospecting SW of Camp-27	1	Prospecting SW of Camp-27
23-Aug-2020	1	Prospecting at Porphyry Lake	1	Prospecting at Porphyry Lake
24-Aug-2020	1	Prospecting at Porphyry Lake	1	Prospecting at Porphyry Lake
25-Aug-2020	1	Prospecting south of Porphyry Lake	1	Prospecting south of Porphyry Lake
26-Aug-2020	1	Prospecting south of Porphyry Lake	1	Prospecting south of Porphyry Lake
27-Aug-2020	1	Rain day	1	Rain day
28-Aug-2020	1	Rain day	1	Rain day
29-Aug-2020	1	Rain day	1	Rain day
30-Aug-2020	1	Soil sampling west of Porphyry Lake	1	Soil sampling west of Porphyry Lake
31-Aug-2020	1	Packed up camp, flew to Marathon	1	Packed up camp, flew to Marathon
3-Oct-2020	1	Drove to Marathon	1	Drove to Marathon
4-Oct-2020	1	Flew to Camp-27	1	Flew to Camp-27
5-Oct-2020	1	Channel sampling at Camp-27	1	Channel sampling at Camp-27
6-Oct-2020	1	Rain day	1	Rain day
7-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
8-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
9-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
10-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
11-Oct-2020	1	Rain day	1	Rain day
12-Oct-2020	1	Rain day	1	Rain day
13-Oct-2020	1	Prospected east of the shear at Camp-27	1	Prospected east of the shear at Camp-27
14-Oct-2020	1	Channel sampling at Camp-27	1	Channel sampling at Camp-27
15-Oct-2020	1	Prospecting at Porphyry Lake	1	Prospecting at Porphyry Lake
16-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
17-Oct-2020	1	Prospecting & soil sampling west of Porphyry Lake	1	Prospecting & soil sampling west of Porphyry Lake
18-Oct-2020	1	Flew the camp out	1	Flew the camp out
19-Oct-2020	1	Rain day	1	Rain day
21-Oct-2020	1	Drove to Timmins	1	Drove to Timmins
22-Oct-2020	1	Sort gear, organize soils	1	Sort gear, organize soils
23-Oct-2020	1	Sort gear, organize soils	1	Sort gear, organize soils
28-Oct-2020	1	Prospecting west of Porphyry Lake	1	Prospecting west of Porphyry Lake
Total Days	42		42	

APPENDIX XI

Map Sheets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MARTINET LAKE AREA
CIRRUS LAKE AREA
LORNA LAKE AREA
SEELEY LAKE AREA
O NEILL
COTTE
PIC
Pic River
Louis Lake
Pukatawagan Creek
Pukatawagan Lake
Cawanogami Lake
Beggs Lake
Roccian Lake
Budall Lake
Bond Lake
Smoke Lake
Page Lake
Goodchild Creek
Peacock Lake
Sprucetop Lake
Wire Lake
Madoson Lake
Cirrus Lake
Goodchild Lake
Lucky Lake
Talus Lake
Runnalls Lake
Teddybear Lake
Fallen Lake
Contact Lake
Veronica Lake
Fallen Creek
Porphyry Lake
Camp 27 Lake
320375
290888
296788
249635
130241
195057
270621
300541
328047
166370
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339638
140441
292942
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295025
218352
265572
153031
117414
117986
203130
Legend
Wire Lake Option boundary
Wire Lake Option mining claim
township boundary
hydro electric line
elevation contour
wetlands
lakes
streams
0
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3,200
Meters
1:40,000
Coordinate System: NAD 1983 UTM Zone 16N
T.N. N.S.
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11°16'
Magnetic North
Grid North (UTM)
CANADIANOREBODIES
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2019 Soil, Grab and
Lake Sediment Sampling Index
Date: March, 2020
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218352

265572

Contact Lake

LORNA LAKE
AREA TWP

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117986

278837

203130

Legend

- Grab sample location
- Soil sample location
- Lake sediment sample location
- Traverses
- Wire Lake Property mining claim
- streams
- elevation contour
- wetlands
- lakes

Sample Labels

- Lake sediment sample: assay in ppb Au in brackets
- Soil sample A horizon: assay in ppb Au (right side) A=
  Soil sample B horizon: assay in ppb Au (left side) B=
- Grab sample: assay in ppb Au in bracket

Coordinate System: NAD 1983 UTM Zone 16N

0 100 200
Meters
1:2,000

Map Sheet A

CANADIANOREBODIES

Wire Lake - Contact Lake Area 2019 Soil, Grab and Lake Sediment Sampling

Date: March, 2020

Name: TS contact_lk_WL2019_samp.mxd

559400 559900 559850 560000 560200 560400

5430000 5430000

N

See Porphyry Lake Map sheet for full coverage of this area.

299370

263769

319970

214283

194336

288079

LORNA LAKE AREA TWP

Camp 27 Lake

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Meters
1:1,000

Coordinate System: NAD 1983 UTM Zone 16N

Map Sheet B

CANADIANCREEKSIDE

Wire Lake - Camp 27 Lake Area 2019 Soil, Grab and Lake Sediment Sampling

Date: March, 2020

Name: TS camp27_WL2019_samp.mxd

Legend

- Grab sample location
- Soil sample location
- Lake sediment sample location
- Traverses
- Wire Lake Property mining claim
- streams
- elevation contour
- wetlands
- lakes

Sample Labels

- Lake sediment sample: assay in ppb Au in brackets
- Soil sample A horizon: assay in ppb Au (right side) A=
  Soil sample B horizon: assay in ppb Au (left side) B=
- Grab sample: assay in ppb Au in bracket

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A705030 (54)
A705031 (2.5)
A704865 A704864 B=18 A=10
A705015 (2.5)
A705016 (20)
A705014 (84)
A705019 (48)
A705018 (28)
A705017 (238)
A704867 A704866 B=31 A=104
A704869 A704868 B=28 A=2.5
A705029 (2.5)
A705028 (16)
A705027 (23)
A705034 (2.5)
A704872 A=12
A704675 (11)
A704676 (29)
A704871 A704870 B=13 A=2.5
A704679 (14)
A704682 (16)
A704683 (7)
A704680 (2.5)
A704874 A704873 B=13 A=2.5
A704677 (10)
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A704681 (2.5)
A704684 (59)
A704876 A704875 B=9 A=2.5
A704876 A704877 B=15 A=12
A704880 A704879 B=26 A=10
A704686 (276)
A704687 (42)
A704881 A=14
A705310 A=24
A705311 A=14
A704700 (10)
A704632 (197)
A704685 (5)
A705001 (7)
A704633 (263)
A704631 (64)
A704634 (25)
A704636 (27)
A704635 (165)
A704637 (26)
A705253 A705252 B=21 A=23
A705254 A=21
A705255 A705256 B=12 A=17
A705257 A=6
A704699 (2220)
A705258 A=6
A705259 A=92
A705261 A705260 B=2.5 A=8
A704698 (93)
A704696 (2.5)
A704697 (41)
A704695 (7)
A704693 (28)
A704694 (370)
A705239 A=18
A705241 A705240 B=2.5 A=19
A705242 A=17
A705244 A705243 B=2.5 A=16
A705245 A=21
A705246 A=18
A705247 A=12
A705035 (10)
A705249 A705248 B=2.5 A=15
A705251 A705250 B=2.5 A=17
A705010 (77)
A705013 (2.5)
A705011 (1150)
A705012 (146)
A705007 (55)
A705009 (48)
A705008 (29)
A705006 (2.5)
A704638 (6)
A704639 (13)
A704640 (5)

Porphyry Lake

LORNA LAKE AREA TWP

Legend

- Grab sample location
- Soil sample location
- Traverses
- Wire Lake Property mining claim
- streams
- elevation contour
- wetlands
- lakes

Sample Labels

- Soil sample A horizon: assay in ppb Au (right side) A=
  Soil sample B horizon: assay in ppb Au (left side) B=
- Grab sample: assay in ppb Au in bracket

0 50 100
Meters
1:1,000

Coordinate System: NAD 1983 UTM Zone 16N

Map Sheet C

CANADIANOREBODIES

Wire Lake - Porphyry Lake Area 2019 Soil and Grab Sampling

Date: March, 2020

Name: TS porphyry_lk_WL2019_samp.mxd

558400 558600 558800 559000

5410600 5410400 5410200

N

133311

218987

Fallen Creek

265464

LORNA LAKE
AREA TWP

333937

303369

226271

A705068 (10)
A705069 (15)
A705067 (2.5)
A705066 (2.5)
A705071 (16)
A705072 (8)
A705070 (5)
A705074 (5)
A705075 (22)
A705073 (2.5)

Map sheet D

Legend

- Grab sample location
- Traverses
- Wire Lake Property mining claim
- streams
- elevation contour
- wetlands
- lakes

Sample Labels

- Grab sample: assay in ppb Au in bracket

0 100 200
Meters
1:2,000

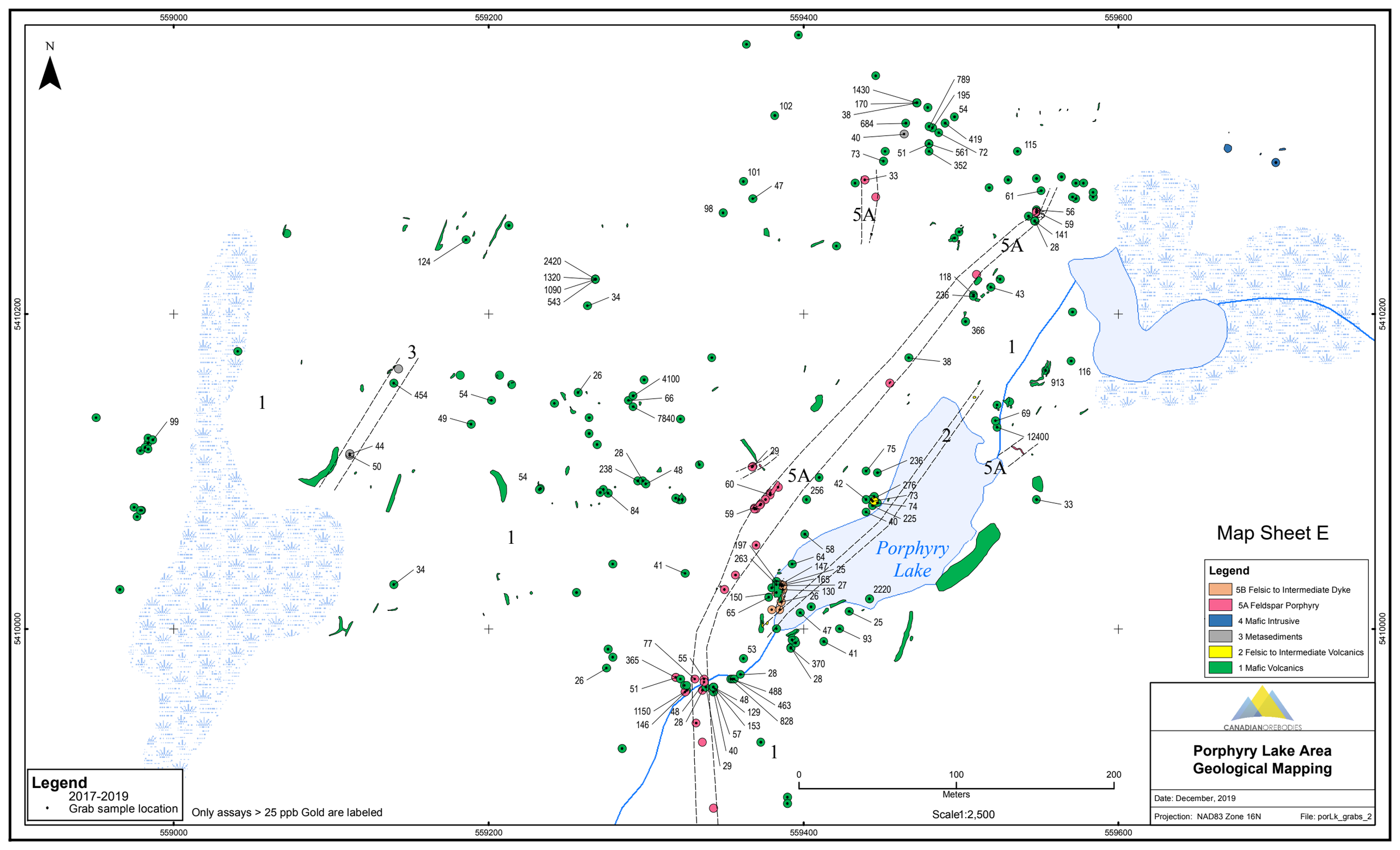
Coordinate System: NAD 1983 UTM Zone 16N

CANADIANOREBODIES

Wire Lake Project
Fallen Creek Area
2019 Grab Sampling

Date: March, 2020

Name: TS fallen_crk_WL2019_samp.mxd


559000
559200
559400
559600
5410200
5410000
N
Porphyry Lake
1
2
3
5A
Map Sheet E
Legend
5B Felsic to Intermediate Dyke
5A Feldspar Porphyry
4 Mafic Intrusive
3 Metasediments
2 Felsic to Intermediate Volcanics
1 Mafic Volcanics
Legend
2017-2019
Grab sample location
Only assays > 25 ppb Gold are labeled
0
100
200
Meters
Scale1:2,500
CANADIANOREBODIES
Porphyry Lake Area
Geological Mapping
Date: December, 2019
Projection: NAD83 Zone 16N
File: porLk_grabs_2