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2019 exploration program, Qiqavik property

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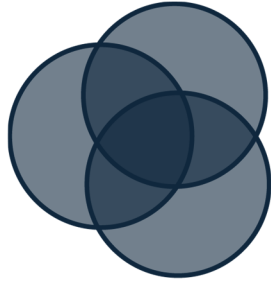


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Énergie et Ressources
naturelles

Québec 



Orford Mining

2019 Exploration Program

Qiqavik Property

Nunavik, Quebec Canada

(NTS 35G11, 35G12 & 35G05)

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1- Summary & Introduction

The Qiqavik property is located in the northernmost part of Nunavik, northern Quebec, approximately 70 kilometres south of the Northern Village of Salluit. The exploration team was based at camp Chukotat, located approximately 32 kilometres southwest of the Qiqavik property, in the Orford Mining Corporation 100% owned West Raglan property. The team accessed both projects by helicopter from camp Chukotat on a daily basis.

The Qiqavik property sits in the volcano-sedimentary Parent Group of the Cape Smith Belt dominated by basalts and basaltic to andesitic pyroclastics interlayered with thin clastic sediment bands. Few mafic to ultramafic sills as well as dioritic to tonalitic post-tectonic intrusives intrude the volcano-sedimentary package.

The Qiqavik property comprises 960 contiguous designated mineral titles covering an area of 39,063 hectares (391 km²) distributed in one main block.

- Eight hundred and sixty-seven (867) claims of the Qiqavik property are 100% held by Orford Mining Corporation.
- Ninety-three (93) claims of the Qiqavik property are 100% held by Les Ressources Tectonic inc. Orford Mining Corporation entered into an exclusive option to acquire 100% undivided legal and beneficial interest in these 93 mineral titles.

The Qiqavik project is in the early stages of gold exploration and only a limited amount of work has been completed to date on the property.

In 2019 Orford Mining Completed an exploration program in July and August of 2019 consisting of:

- 35.2 line-km of IP surveying using Abitibi Geophysics' Orevision™ system at Interlake and IP Lake. The survey was conducted at various line spacing in a pole-dipole configuration with at 25 metres spacing.
- 1,128.8 line-km airborne EM survey using Geotech's VTEM™ plus time-domain system covering Esperance, Interlake and West Gerfaut at 100 metres line spacing.
- 442 till stations including 289 frost boil samples (bringing total to 5,022 frost boil samples property-wide) and 153 large till samples for gold grain analysis (bringing total to 213 large till samples property-wide).
- 859 mapping stations (bringing total to 4,188 mapping stations property-wide) and 602 grab samples (bringing total to 2,803 grab samples property-wide).
- 1,367.68 metres of diamond drilling at Interlake (725 metres in 3 holes), IP lake (402 metres in two holes) and Focused intrusive (240 metres in one hole).

Key Highlights for the 2019 Season Include:

- Extension of the mineralized trend at Interlake to a 5 km strike length with the identification of a thick (up to 500 metres wide) structural package of multiple shears and crosscutting structures often coincident with pyrite, chalcopyrite, sphalerite and galena mineralization.
- Identification of a large new structural corridor (IP Lake shear corridor (IPLS)) that extends from IP Lake westward for approximately 10 km. The shear is hosted in basalt and meta-sediments and contains large quartz vein boulders with sphalerite, chalcopyrite, galena, pyrite and visible gold. Orford's claim position has been expanded by 10% to cover the IP Lake Shear Zone to the west.
- Strong gold grain in till anomalies associated with the IPLS
- Identification of new Au anomalies in boulders up to 648 g/t Au defining dispersion trains pointing towards the IPLS.
- Successful in intersecting sulphide mineralization together with shearing and/or strong alteration in all drill holes.

- All 2019 drill holes intersected various types of mineralization that explained the geophysical anomaly being targeted.
- Key drilling intersections: Three drill holes tested the Interlake trend over more than 2 km of strike and intersected a number of thick altered/sheared/sulphide mineralized horizons. Two drill holes representing the first testing of the IP Lake Shear Zone, were drilled 600 metres apart and intersected thick sections of altered / sheared / sulphide mineralized horizons. One drill hole tested the Focus intrusion and intersected altered and granodiorite with quartz veining and disseminated sulphides.
- Drill hole QK-19-004 testing the Interlake structural zone 300 m east of drilling completed in 2018 (QK-18-007, 24.6 metres grading 0.48 g/t), 2 intersected 32.0 m grading 0.71 g/t gold, including 2.8 m grading 3.31 g/t gold in an altered volcanoclastic.
- Identification of new untested EM drill targets along the main Esperance trend and additional EM anomalies to the south of the main trend.
- Discovery of a new south trend at Esperance sulphide mineralization in surface sampling.

Work completed during the 2019 identified a new high priority target: the IPLS, a shear up to 400 m thick at surface. The shear trends ENE and was identified over 7 km and is open to the east and west. The Shears is associated with 3 high grade boulder trains grading up to 648 g/t and a strong gold grain in till anomalies (highest anomalies on the property). Due to the size of the IP lake shear corridor and the numerous occurrences and anomalies associated with it, the IPLS will be the highest priority target area of next years exploration program.

2- INTRODUCTION

The Qiqavik property comprises 960 contiguous designated mineral titles covering an area of 39,063 hectares (391 km²) distributed in one main block.

- Eight hundred and sixty-seven (867) claims of the Qiqavik property are 100% held by Orford Mining Corporation.
- Ninety-three (93) claims of the Qiqavik property are 100% held by Les Ressources Tectonic inc. Orford Mining Corporation entered into an exclusive option to acquire 100% undivided legal and beneficial interest in these 93 mineral titles.

The Qiqavik property sits in the volcano-sedimentary Parent Group of the Cape Smith Belt dominated by basalts and basaltic to andesitic pyroclastics interlayered with thin clastic sediment bands. Few mafic to ultramafic sills as well as dioritic to tonalitic post-tectonic intrusives intrude the volcano-sedimentary package.

In 1995-1996, Falconbridge Exploration Ltd completed reconnaissance in the eastern part of Qiqavik. Mapping led to the discovery of the Gerfaut mineralized occurrences. Following this discovery, Falconbridge performed a 10.3 line-kilometres ground magnetic and electromagnetic (MaxMin) survey and drilled a total of 325 metres in 2 holes, Par96-01 and Par96-02 (GM-54904). Hole Par96-01 intersected several zones with high gold values corresponding with pyrite, chalcopyrite and hematite stringer zones in chloritized, carbonate-rich mafic to ultramafic schists.

In 1998, SOQEM re-sampled 67 samples of the two previous Falconbridge drill holes. This re-sampled Par-01 which extended the mineralized interval in DDH Par96-01 to 10.5 m (between 102.9 and 113.4 metres) at 3.08 g/t Au, including 1.1 m at 5.45 g/t Au, 0.59% Zn and 3.4 m at 6.79 g/t Au and 0.37% Zn. This additional sampling suggests that gold mineralization is not only restricted to quartz veins but extends within the matrix of the host rock and is closely associated with silicification and arsenopyrite.

In 2011, Les Ressources Tectonic acquired 10 claims covering the main Gerfaut mineralized occurrences.

In 2012, the property was granted for option to Corvus Gold Inc and expanded in 2012. The same year, Corvus Gold completed an exploration program including till sampling, soil (MMI) sampling, and rock sampling. The 2012 program led to the identification of six (6) Au, Ag, Sb, Te, Bi soil/till anomalies plus seven (7) mineralized (Au) rock samples grading up to 23.6 g/t Au from new occurrences. Both rock samples and till/soil sampling anomalies stretched 12 kilometres along strike of a magnetic high spatially coincident with conductor trends identified by the 1998 SOQEM work.

In 2015, shortly after acquiring the option agreements on the Gerfaut block through tectonic resources and Holmstead, a short 10 days reconnaissance prospecting program confirmed the historical findings. Based on this, OMC expanded the property 25 km westward following the same geological package and structures to the current property footprint stretching over 42 km east-west in the Parent Group.

From 2016 to 2018, Orford Mining Corporation completed exploration programs including mapping, till and surface rock sampling (see Map 1 in Appendix 2 for a summary of all surface work), ground magnetic and IP surveys and drilled 4504.66 metres in 37 holes. This allowed the discovery of 10 new gold and copper showings over the 40 km wide property.

The purpose of the 2019 exploration season was to perform a mapping and sampling program on gold anomalies in areas that had been identified in previous programs.

This report summaries the 2019 gold exploration activities on the Qiqavik property.

3- PROPERTY DESCRIPTION AND LOCATION

3.1 Location

The Qiqavik property is located in the northernmost part of Nunavik, northern Quebec, approximately 70 kilometres south of the Northern Village of Salluit, a regional community on the Coast of the Hudson Strait (Figure 3.1). The Qiqavik property is centred at 75°30' West longitude and 61°43' North latitude, or in UTM coordinates system (Nad 83, Zone 18) at 474,000E and 6,825,000N. The property is bordered to the West by longitude 75°52'00" W, to the East by longitude 75°02'30" W, to the North by latitude 61°39'30" N and to the South by 61°29'05" N.

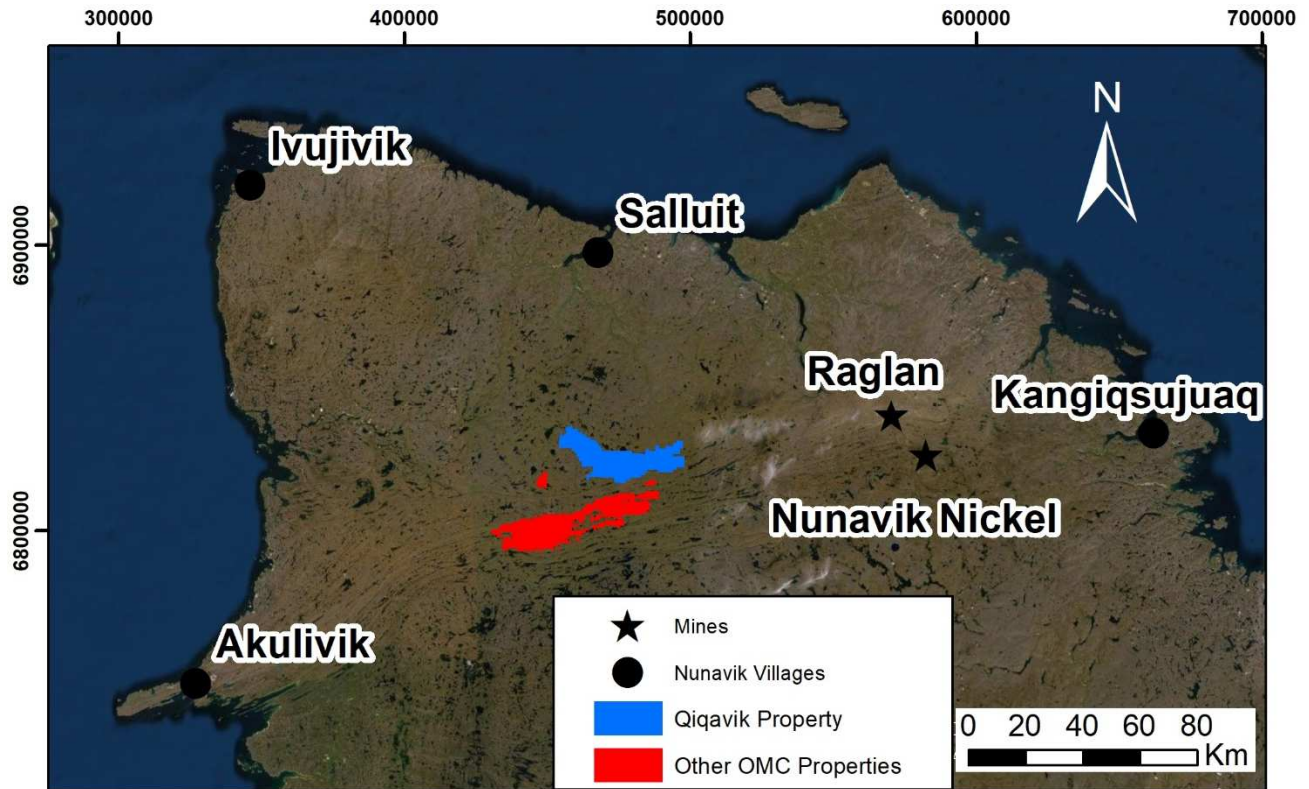


Figure 3.1: General location map of Qiqavik property

3.2 Claim ownership

The Qiqavik property comprises 960 contiguous map designated mineral titles covering an area of 39,063 hectares (391 km²) distributed in one main block in the central part of the Cape Smith Belt (Figure.2).

Map designated cells have by law a pre-established perimeter of 30 seconds of arc longitude by 30 seconds of arc latitude. Therefore, no land surveying or claim patenting are needed and no border conflict can be raised on such.

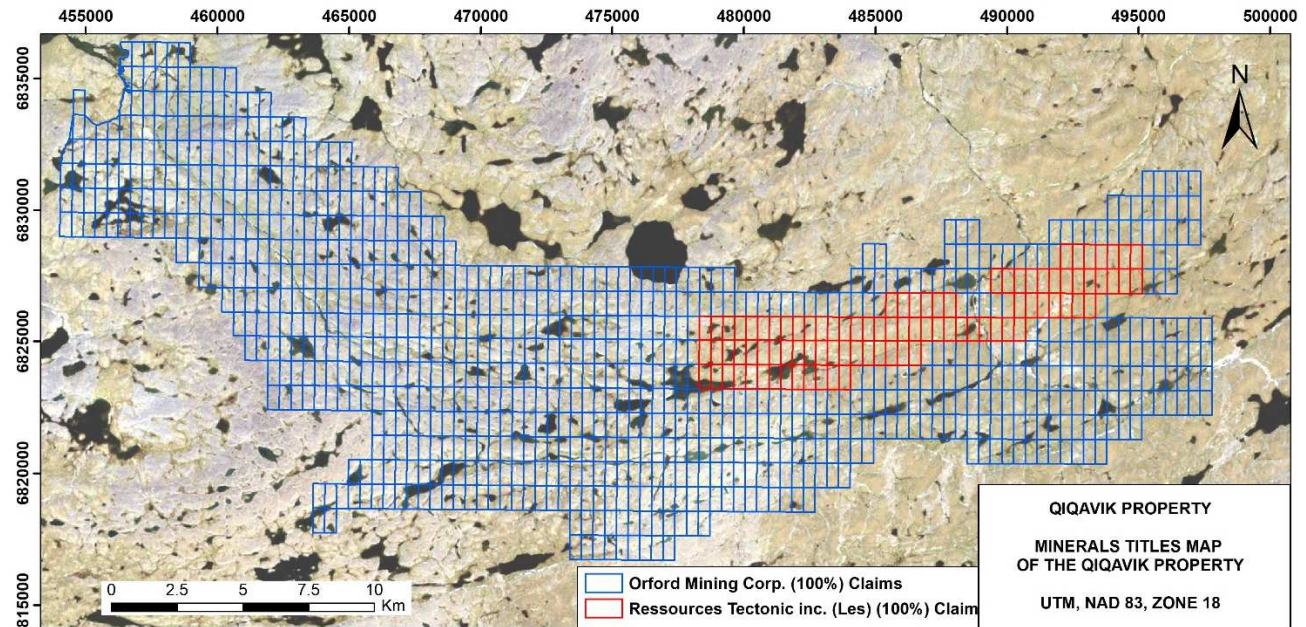


Figure 3.2: Mineral titles map of the Qiqavik property area

3.2.1 Qiqavik ownership

Eight hundred and sixty-seven (867) claims of the Qiqavik property were mapped designated from open ground between 2015 and 2020 and are 100% held by Orford Mining Corporation. These claims were indicated as free of any royalties, back-in rights, hypothec, grubstake agreements or other encumbrances by Orford Mining Corporation representatives. Claims registered under Orford Mining Corporation are listed in Appendix 1, as extracted from Gestim online registry and are shown in Figure.2.

Ninety-three (93) claims of the Qiqavik property, known under the Gerfaut Block, were mapped designated from open ground between 2012 and 2015 and are 100% held by Les Ressources Tectonic Inc., a private company based in Quebec. Orford Mining Corporation entered into an exclusive option to acquire 100% undivided legal and beneficial interest in these 93 mineral titles. Claims registered under by Les Ressources Tectonic Inc. are listed in Appendix 1, as extracted from Gestim online registry and are shown in Figure.2.

3.3 Claim status

The claim list was obtained from the Ministère de l'Énergie et des Ressources Naturelles du Québec on-line registry, on November 5th, 2020. This list is provided in Appendix 1. All the titles are duly registered either under the name of Orford Mining Corporation or Les Ressources Tectonic inc.. The claims map is provided in Figure.2.

Exploration titles in Québec are required to be renewed every two years, sixty days prior to their anniversary or up to their anniversary with a penalty. A renewal fee is payable at each renewal. Renewal also requires assessment credits accumulated from exploration expenditures.

3.4 Accessibility, Climate, Infrastructures and physiography

The Qiqavik project is situated approximately 400 kilometres north of the tree line, at an average altitude of 375 metres above sea level in typical tundra country. The topography of the area consists in North-West / South-East trending rocky ridges and valleys in the western part of the property, to flatter and grass covered tundra with isolated small hills in the eastern part (Figure 3.3).

Exposed rocks were affected by frost action, reducing many outcrops to rubble and angular blocks. Lowland areas are typically covered by till and swampy tundra, with scattered felsenmeer. The entire map area lies in the zone of discontinuous, but widespread permafrost, which can extend to depths of 540 metres (Stewart, 1976).

Vegetation consists of sparse shrubs, dwarf birch, alders, and plants that grow to less than 25 cm in height. Ground cover consists of grass and moss. Lichens partially cover most outcrops. During the summer, arctic wildflowers and berries can be seen.

Wildlife is generally scarce; the most common mammals in the project area are caribou. Other wildlife includes fox, hare, snowy owl, Peregrine falcon, Canada geese, Arctic hare, lemming, and voles. Polar Bears have been sighted few times in the area over the last 15 years, but are very rare. Local rivers and lakes contain arctic char and lake trout.



Figure 3.3: Typical landscape of the Qiqavik project area.

The climate in the area is characterized by short, cool summers and long, very cold winters. Average annual temperature in the region is -10°C . Approximately 650 mm of precipitation falls annually (75% as snow). July and August temperatures range between 0°C and 20°C and spring, winter and autumn temperatures range between 0°C and -50°C . First snows are typically expected in early to mid-September. The area is subject to strong wind conditions and periods of dense fog at any time of year. Sheltered areas often remain snow-covered throughout the year. Ice thickness on the lakes can reach up to 2 metres in winter.

Field work season is short, spanning through July and August only to be conducted safely. Helicopter work should be avoided during the spring and autumn due to blizzard and harsh weather. Winter field work, including diamond drilling and geophysics, is not recommended with the current camp configuration, the camp not being properly equipped for extremely cold weather, high winds, and heavy snow loads. Insufficient daylight, heavy blizzards and lack of background contrast also hamper movements to and from the camp and work sites in winter.

The Northern Village of Salluit is the closest community to the project area and is situated along the coast approximately 70 kilometres to the north. Puvirnituk, the largest community on the west side of Nunavik, is located some 190 kilometres to the southwest along the coast of Hudson Bay. Both have airports with daily scheduled flights to Montreal. Heavy cargo is transported to communities by seafaring ship twice per summer.

There is no road access or any other infrastructure on the Qiqavik property and it is only accessible by helicopter. The exploration team accessed the project by helicopter from the camp Chukotat on a daily basis. Camp Chukotat (Figure 3.5) is located approximately 32 kilometres southwest from the centre of the Qiqavik property, on the Orford Mining Corporation 100% owned West Raglan property and is accessible either by helicopter or STOL fixed-wing aircraft. A 256 metres airstrip was constructed 8 kilometres south of the camp Chukotat in 2008 and is still used by Air Inuit's Twin Otter aircraft. The airstrip was inspected and used during the 2019 program and is considered to be in excellent condition.



Figure 3.4: Photo of Camp Chukotat looking north.

Cargo for setting up and opening camp are typically shipped by truck from Rouyn-Noranda to LaGrande Airport and then by cargo chartered plane to Puvirnituk. Supplies and personnel are flown from the Abitibi (Rouyn-Noranda Airport) to Puvirnituk by charters and then transported to camp Chukotat airstrip via Air Inuit Twin Otter.

Between 2004 and 2006, an ice road/trail was established and used by the former operator between camp Chukotat and the Northern Village of Salluit for fuel and equipment mobilization during winter months. But this transportation option was abandoned due to safety issues.

Camp Chukotat is located 32 kilometres southeast of the centre of the Qiqavik property. The camp has a maximum permitted capacity of 60 people and it is equipped with a kitchen, nursing station, 2 helipads and a 256 metres airstrip located 8 kilometres to the south. The camp is owned and operated by Orford Mining Corporation and only open during field exploration activities.

As previously mentioned, the Qiqavik project site is located approximately 70 kilometres south of the Northern Village of Salluit and approximately 190 kilometres north-east of Puvirnituk. Both communities are situated along the coast and are Inuit-dominated.

Both have airports with daily scheduled flights to Montreal, hotel with self-service kitchen, Northern Store and FCNQ Coop to supply all essential needs for local residents (such as food, furniture, and clothing, but choices and quality can be limited) and healthcare centres with limited services.

4- EXPLORATION HISTORY

Very limited gold exploration work has been completed to date in Qiqavik property area. Furthermore, most of the historical exploration work completed in the area focused on nickel-copper mineralization.

4.1 Early history

The first exploration work recorded in the regional project area dates back to 1931-1932 and consisted mainly of prospecting and regional mapping. This work, performed on behalf of the Murray Mining Corporation, led to the identification of rocks considered favourable for base metals, as well as some nickel-copper mineralized surface occurrences along the Cape Smith Belt. The first recorded magnetic-electromagnetic airborne survey was completed in the mid-1950s.

In the mid-1980s, the Quebec government completed regional mapping of the area at 1:50,000 scale, encompassing the current Qiqavik area. This work led to the discovery of the first mineralized occurrences within the property, the Kovik River occurrences, returning anomalous values up to 0.1 g/t Au, 0.18% As and 1.06% Zn from several samples and suggesting some gold potential (Giovenazzo et al., 1991, MB 91-23).

4.2 Recent history

In 1995-1996, Falconbridge Exploration Ltd. owned the mineral exploration licence # 1103, which overlapped with the eastern part of the 2017 Qiqavik property. Reconnaissance mapping led to the discovery of the Gerfaut mineralized occurrences, which are silicified tuffs and cherts hosting disseminated sulphides and stringers of chalcopyrite, pyrite, sphalerite, and galena. Grab samples from these mineralized occurrences returned up to 1.37% Cu, 3.55% Zn, 8.1 g/t Ag, and 0.93% Cu, and 6.40% Zn (GM-54904). This mineralization suggests a base metal potential.

Following this discovery, Falconbridge performed a 10.3 line-kilometres ground magnetic and electromagnetic (MaxMin) survey and drilled a total of 325 metres in 2 holes, Par96-01 and Par96-02 (Figure 4.1, Table 4.1). A limited amount of information is available in assessment reports (GM-54904) regarding drilling method and core logging procedures. The crew was based at the Kenty Lake Camp, located approximately 40 kilometres ESE of the drilling sites, and drill cores were stored at this same camp. A helicopter-portable rig was used for drilling. A total of 47 samples were assayed from the core, 11 whole rock samples analyzed for major and trace elements and 36 assay samples analyzed for metals.

Table 4.1: Summary of 1996 drilling

Hole Number	Northing (Metres)	Easting (Metres)	Elevation (Metres)	Azimuth (Degrees)	Dip (Degrees)	Depth (Metres)	
Par96-01	6 826 284	489 238	386	180.0	-50	185	
Par96-02	6 826 286	489 431	414	180.0	-50	140	
(coordinates in UTM, NAD 83, zone 18, collected at casing with handheld GPS in 2012)						Total metres	325

Drill hole Par96-01 intersected several zones with high gold values corresponding with pyrite, chalcopyrite and hematite stringer zones in chloritized, carbonate-rich mafic to ultramafic schists. Mineralized intersections of drill hole Par96-01 are summarized in Table 4.2. In addition, 0.60 m returning 0.87 g/t Au was also intersected in drill hole Par96-02.

In 1997, Exploration Boréale Inc. signed an option agreement granting the possibility to acquire 51% of interest in Falconbridge's property. In 1998, SOQEM signed an option agreement with Boréale Exploration giving them the possibility to acquire 50% of Boréale's interest in the property. The same year, 374 line-kilometres of an airborne magnetic-electromagnetic survey was flown at a 200 metres line-spacing, which highlighted two clusters of conductivity anomalies associated with magnetic highs. Those are interpreted to be somewhat continuous over several kilometres and sub-cropping.

Table 4.2: Mineralized intersections from drill hole Par96-01

From (m)	To (m)	Length (m)	Au (g/t)	Ag (g/t)
82.36	83.00	0.64	5.19	4.8
103.42	104.00	0.58	4.45	5.4
104.57	104.91	0.34	4.8	5.3
110.00	111.35	1.35	15.18	20.7
112.00	113.40	1.40	0.96	1.3

(Length is apparent thickness measured along the core.)

The 1998 exploration program also involved a one week prospecting program, including the collection of 98 grab samples, and the re-sampling (67 samples) of the two previous Falconbridge drill holes. This re-sampling extended the mineralized interval in DDH Par96-01 to 10.5m (between 102.9 and 113.4 metres) at 3.08g/t Au, including 1.1m at 5.45 g/t Au, 0.59% Zn and 3.4m at 6.79 g/t Au and 0.37% Zn. This additional sampling suggests that gold mineralization is not only restricted to quartz veins, but extends within the matrix of the host rock and is closely associated with silicification and arsenopyrite. Some grab samples returned gold values up to 1.85 g/t Au, up to 5.5 kilometres west of the main Gerfaut mineralized occurrence, along the same magnetic high.

From 2003 to 2012, Anglo American Exploration Canada Ltd and Goldbrook Ventures Inc., focusing on nickel, copper and PGE exploration, completed extensive exploration work in the western part of the Cape Smith Belt. Only a limited amount of work overlapped with the current Qiqavik property. In 2004, Goldbrook Ventures, as part of their regional Raglan project, flew an extensive magnetic-electromagnetic AeroTEM airborne survey at 200 metres line-spacing. Part of this survey overlapped over 60 claims (24.6 km²) in the southeast extremity of the current Qiqavik property.

In 2005, Anglo American flew a 325 line-kilometres magnetic-electromagnetic Spectrem airborne survey at 200 metres line-spacing over their Lac Belleau project. This survey encompassed 124 claims (51 km²) in the western part of the current Qiqavik property. In 2005, Anglo American flew another magnetic-electromagnetic Spectrem airborne survey at 200 metres line-spacing over their Spartan project, which overlapped with 14 claims (5.8 km²) in the north-east extremity of the current Qiqavik property (Figure 4.1). Those surveys generated good quality and valuable geophysical data.

All other exploration work completed by Anglo American and Goldbrook Ventures, including ground geophysics, till and soil sampling, prospecting, mapping and drilling and borehole EM survey were located dominantly outside of the limits of the current Qiqavik property and will not be described in the current report. The historical work on the Qiqavik Property is summarized in Table 4.3.

In 2011, Les Ressources Tectonic acquired 10 claims covering the main Gerfaut mineralized occurrences.

In 2012, the property was granted for option to Corvus Gold Inc and expanded. The same year, Corvus Gold completed an exploration program including till sampling, soil (MMI) sampling, and rock sampling. The 2012 program led to the identification of 6 Au, Ag, Sb, Te, Bi soil/till anomalies plus 7 mineralized (Au) rock samples grading up to 23.6 g/t Au from new occurrences (Figure 4.1). Both rock samples and till/soil sampling anomalies stretched 12 kilometres along strike of a magnetic high spatially coincident with conductor trends identified by the 1998 SOQEM work. The 2012 program also highlighted 2 base metal mineralized occurrences, one returning up to 3.88% Cu and 13.15 g/t Ag in frost heaves boulders of chloritized basalts with 15% chalcopyrite in veinlets and the second returning up to 1.82% Cu and 0.74% Ni in sub-in-place boulders of ultramafic rock with 20% disseminated pyrrhotite-chalcopyrite. These results suggested base metal and gold potential for the area. However, Corvus Gold relinquished the option in 2013 to focus on more advanced projects elsewhere. The 5 claims covering the original Gerfaut mineralized occurrences lapsed and were staked by Wayne Holmstead in 2015.

In 2013, Corvus Gold abandoned the option to concentrate on other more advanced projects elsewhere.

In 2015, Wayne Holmstead staked out the 5 claims covering the original mineralized showing of Gerfaut.

In 2015, True North Nickel subscribed an exclusive option to acquire a 100% ownership of the 93 claims of Ressources Tectonic Inc. and the 5 claims of Wayne Holmstead following a surface sampling program of 10 days on the Gerfaut property confirming the historical values. The property was then extended 25 km to the west following the same geological unit and structures of the Parent group.

Table 4.3 and Figure 4.1 summarize the historical exploration work on the Qiqavik Property.

Table 4.3: Summary of the exploration history of the Qiqavik property

Year(s)	File #	Company (ies)	Covered area	Description of Work
1931-32 & 1955 to 57	GM 05261; 10049	Murray Mining Corp	Regional survey including 2017 Qiqavik property	Regional prospecting, leading to the identification of a significant base metal (Ni-Cu) potential.
1957	GM 10449	Spartan Air Services for different claims holders	Regional survey including the western part of 2017 Qiqavik property	Airborne Electromagnetic survey
1969	GM 26479	Amax Exploration Inc.	Eastern half of 2017 Qiqavik property	Magnetic-Electromagnetic airborne survey
1985-86	DP-85-15; DP-85-29; ET-87-07; ET-87-08	MERNQ	Regional area including the 2017 Qiqavik property	Regional mapping and sampling
1995-96	GM 54299; 54904	Falconbridge Ltd	Eastern part of the 2017 Qiqavik property, including the Gerfaut Block	Ground geophysics including 10.3 line-km of magnetic and HLEM (MaxMin) surveys Prospecting, leading to the discovery of Gerfaut mineralized occurrences returning 1.37% Cu, 3.55% Zn, 8.1 g/t Au and 0.93% Cu, 0.16% Pb, 6.4% Zn and 10 g/t Au in grab samples Two DDH totaling 325 metres, Par-96-01 several zones with high gold values including 1.35m of 15.18 g/t Au and 20.7 g/t Ag between 110.0 and 111.35m
1998	GM 56129; 56130	Boréale Exploration SOQEM	Eastern part of the 2017 Qiqavik property, including the Gerfaut Block	Magnetic-Electromagnetic airborne survey including 374 line-km at 200 metres spacing Prospecting with grab sample returning 1.8 g/t Au at 5.5 km West of known mineralization Resampling of Par-96-01 extending the mineralized interval to 10.5 metres at 3.08 g/t Au
2001	GM 60770	Noranda Inc.	Regional survey including eastern half of 2017 Qiqavik property	Follow up on hyperspectral survey No significant results inside the overlapping area with Qiqavik property
2005	GM 62230; 62231	Anglo American Expl.	Survey of former AA's Lac Belleau property covered 51km ² (124 claims) in western part of 2017 Qiqavik property Survey of former AA's Spartan property mainly outside but covered 5.8km ² (14 claims) in the NE extremity of 2017 Qiqavik property	Spectrum Magnetic-Electromagnetic survey, 200 metres line-spacing
2004-2012	GM 61397; 62809; 63002; 63003; 63073; 64052; 67489	Goldbrook Ventures inc Anglo American Expl. Jan Nunavik Ltd	Very large project including many properties Only former Nuvilik property partially overlapped with 2017 Qiqavik property over 25km ² (60 claims) in SE part	Only magnetic-electromagnetic AeroTEM airborne survey and limited prospecting work overlapped with the 2017 Qiqavik property Other work completed outside of the 2017 Qiqavik property and not relevant to this report, included ground geophysics, soil-till-moss mat sampling, prospecting-mapping-rock sampling, drilling and BHEM
2012	GM 68176	Les Ressources Tectonic inc Corvus Gold Inc.	Current Gerfaut block in Qiqavik property	A 2-week field program including till samples (688 samples), soil MMI sampling (559 samples) and rock sampling (155 samples) 7 new mineralized occurrences and/or boulders identified and grading up to 23.6 g/t Au 6 Au anomalies identified in till

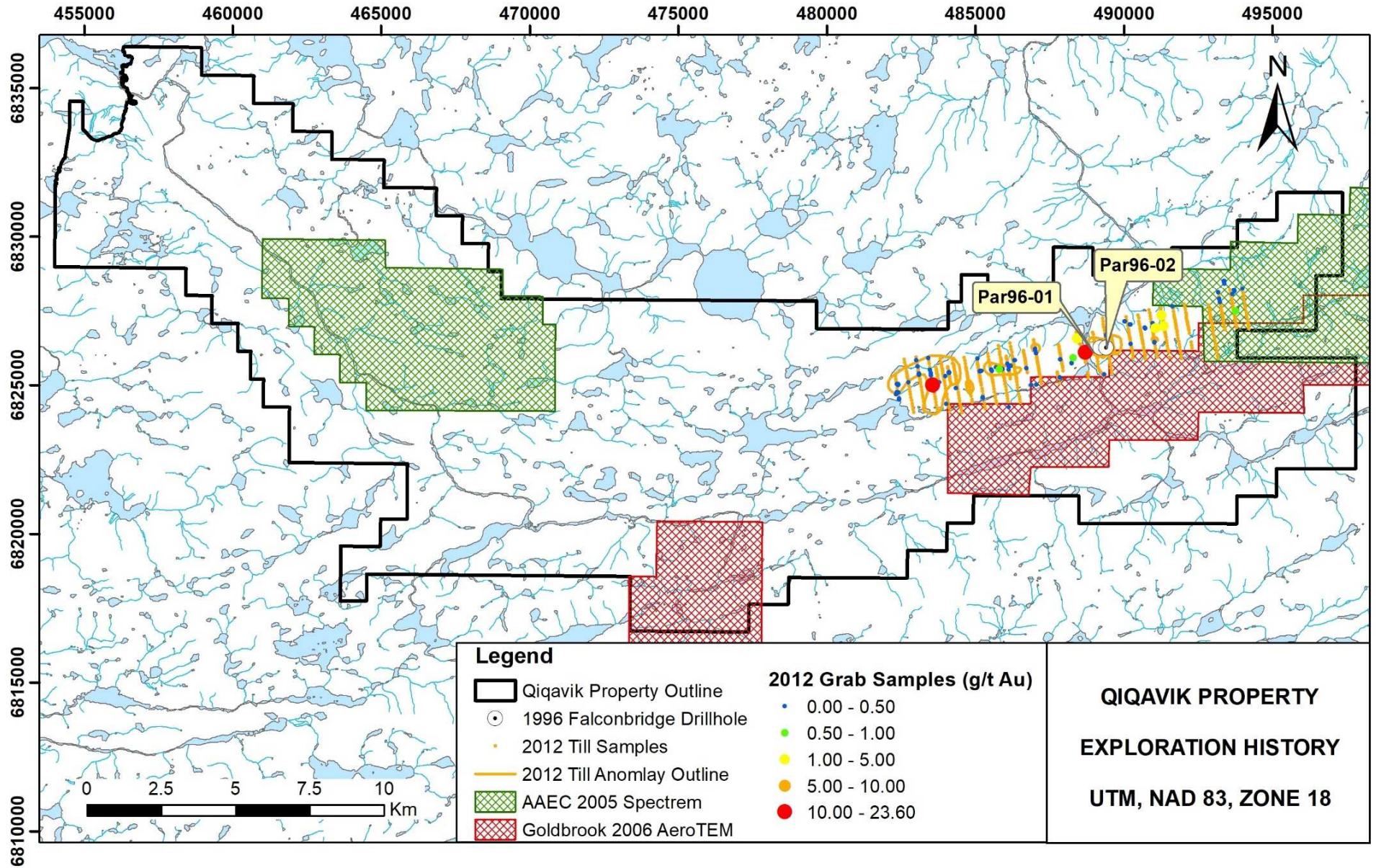


Figure 4.1: Map of the historical exploration work on the Qiqavik property

5- GEOLOGICAL SETTING AND MINERALIZATION

5.1 Regional geology

The Qiqavik property is located in the West-central portion of the paleo-proterozoic Cape Smith Belt (CSB), which is part of the Circum-Superior magmatism event which formed a ring around the Archean Superior Craton (Figure 5.1). The Cape Smith Belt, also known as New-Québec Orogen, consists of volcano-sedimentary and plutonic series or rocks grouped into main lithostratigraphic domains, the North and the South Domains which are divided by the Bergeron Fault.

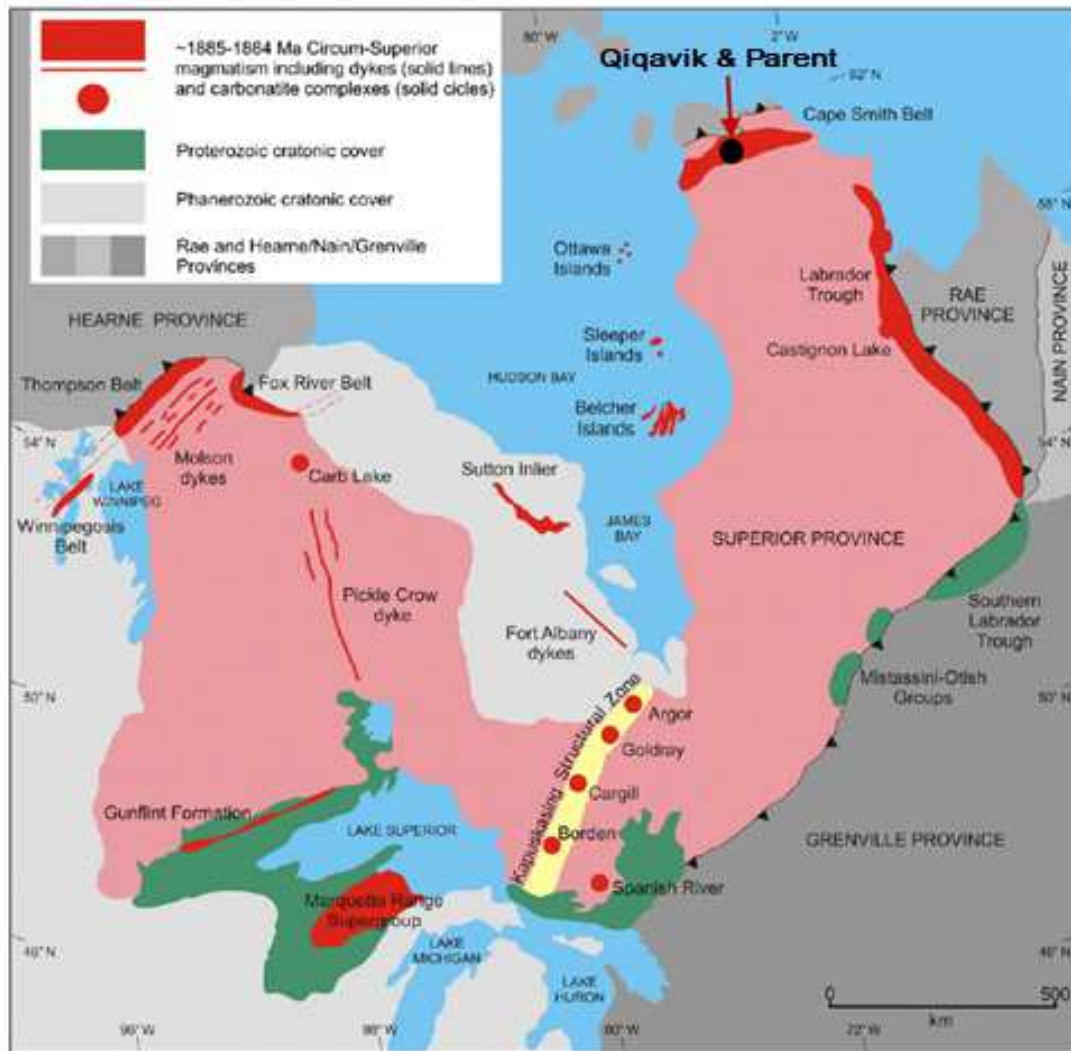


Figure 5.1: Geological map showing the disposition of the Circum-Superior Belt.
(Modified from Minifie et al. 2013, after Baragar and Scoates 1987)

The Qiqavik property sits in the North Domain (Figure 5.2) which consists of 3 main groups; the volcano-plutonic Watts Group (1999 Ma) interpreted as an old ophiolite (Scott, 1990; Scott and al., 1991), the volcano-sedimentary Parent Group (1898-1860 Ma) and the sedimentary Spartan Group. The Qiqavik property is mostly included in the Parent Group dominated by pyroxene and plagioclase pyric basalts and basaltic to andesitic pyroclastics interlayered with thin clastic sediment bands (Picard et al., 1990, 1993; Picard, 1995). Few mafic to ultramafic sills as well as dioritic to tonalitic post-tectonic intrusives, collectively referred to as the Cape Smith Suite, intruded this volcano-sedimentary package.

The rocks of the South and North Domains were deformed by three different events, all included in the Trans-Hudsonian Orogen (Picard, 1995), which is one of the most significant paleo-proterozoic orogenic belts (Lamothe, 2014). The rocks of the Parent Group are metamorphosed from the upper greenschist to lower amphibolite facies.

The North Domain of the Cape Smith Belt shows some similarities with the Reindeer Zone located at the western limb of the Trans-Hudsonian Orogenic Belt, where the Flin Flon Mining Camp is well known for its VMS mineralization (Lamothe, 2014). Relics of the ocean floor (2.07 to 1.92 Ga) similar to the Watts Group (Corrigan et al., 2007) occur in the Glennie-Flin Flon Complex and in the La Ronge - Lynn Lake belts. Thick series of calc-alkaline felsic to mafic lavas and volcanoclastics associated with arc magmatism are characteristic of these areas, which host a significant amount of orogenic gold mineralization, such as in the La Ronge Belt (Corrigan et al., 2007). Gold mineralization has also been observed in the Labrador Trough, located in the Eastern segment of the Trans-Hudsonian Orogenic Belt. Although little to no gold exploration has been completed to date in the Cape Smith portion of the belt, these observations may suggest a prospective environment for gold mineralization and exploration, more particularly in the North Domain.

The South Domain of the Cape Smith belt is well known for its nickel-copper-PGE mineralization associated with ultramafics, with two active mines in the eastern part of the Cape Smith Belt, the Raglan Mine owned by Glencore and the Nunavik Nickel Mine owned by Canadian Royalties.

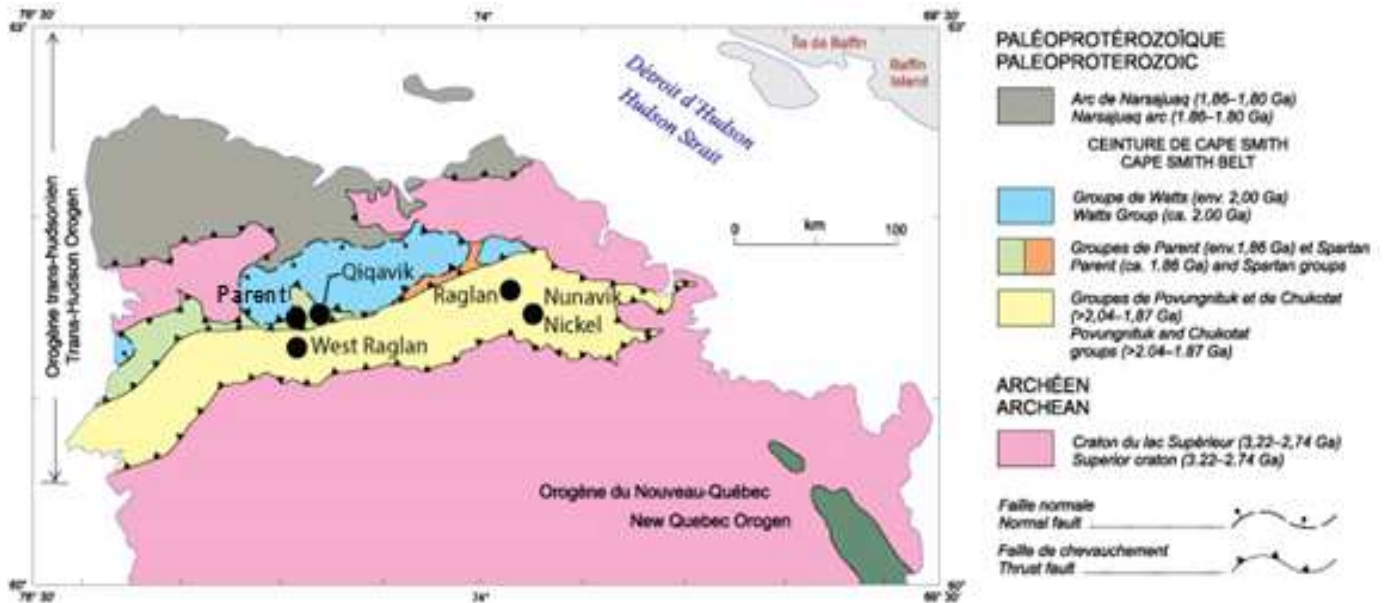


Figure 5.2: Regional map of the Cape Smith Belt (showing the Qiqavik property in the Parent Group of the Northern Domain) (Modified from St-Onge et al. 2006)

5.2 Local Geology

The Qiqavik property extends over 42 kilometres east-west in the Parent Group of the North Domain of the Cape Smith Belt. The stratigraphy trends mainly East-West in the central and Eastern parts of the property, and trends approximately WNW-ESE in the Western part (Figure 5.3).

The southern portion of the property is mainly composed of massive and pillowed basalts in alternation with thick sequences of mafic lapilli and/or blocky volcanoclastics. Some of these horizons are strongly schistose with a strong chloritic alteration. In the northern portion of the property, the plagioclase phyric basalts are common, with minor amygdaloidal basalts. The composition of the basalts is tholeiitic to calc-alkaline (Lamothe, 1994; Picard, 1995). Some intermediate to felsic fine grained to blocky volcanoclastics horizons occurs, mainly observed in the central portion of the western part of the property (Figure 5.3). Minor interflow sediments, as well as cherty iron formations, are observed through the sequence. Fine to coarse grained gabbro intruded the volcano-sedimentary package in the North and North-Western parts of the property. Those gabbros are most likely related to the Cape Smith Suite.

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The Qiqavik property is cut by E-W to WNW-ESE south-verging thrust faults, delineating multi-kilometric thrusting slices. These faults are expressed as major deformation corridors, such as the Lake Belleau fault system (Giovenazzo et al., 1991; Tremblay, 1989), which roughly follows the Kovik River canyon. They are characterized by chlorite-actinolite schists, with numerous carbonatized and hematized altered zones, as well as numerous quartz and quartz-carbonates veins and veinlets.

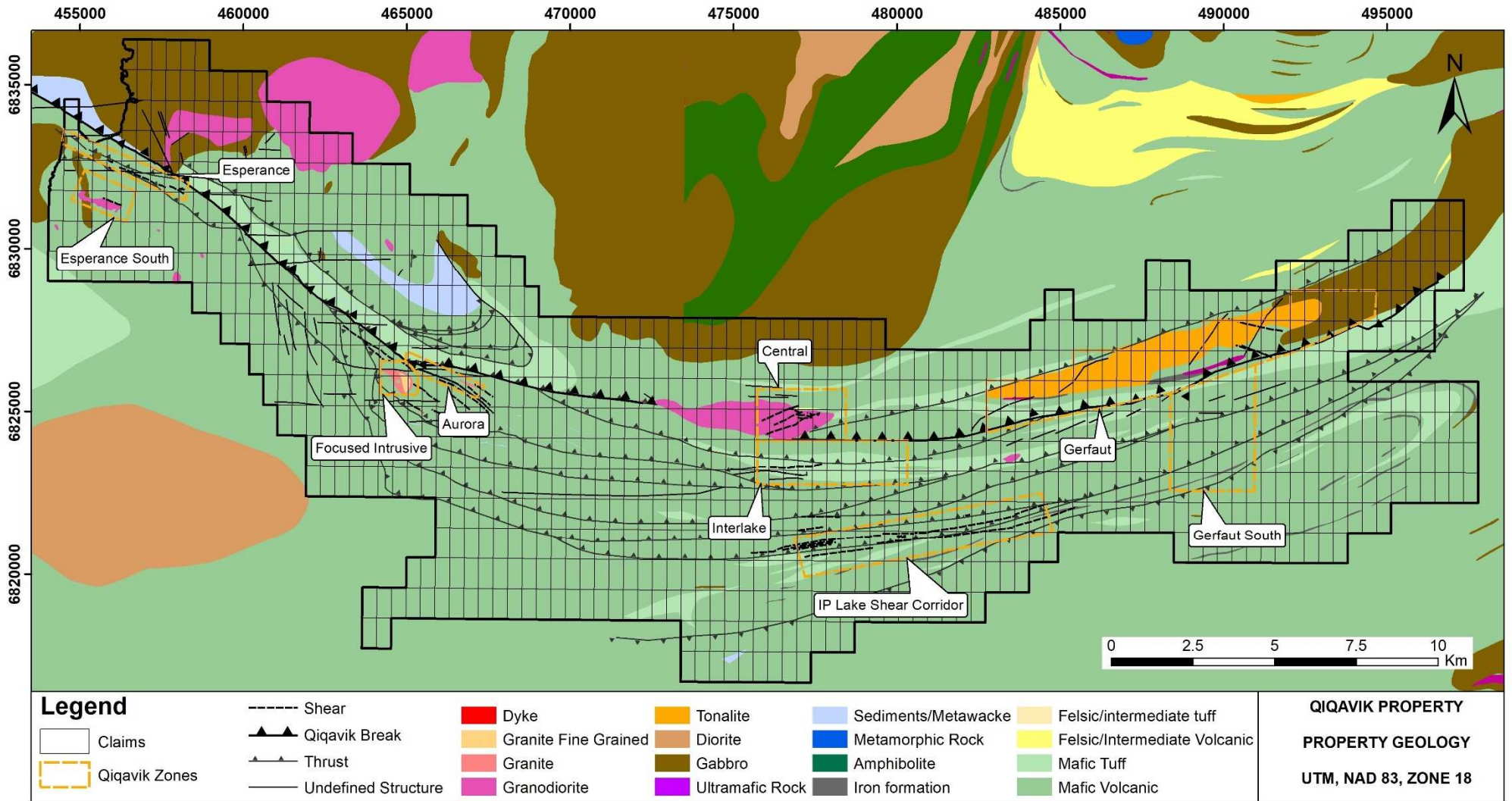


Figure 5.3: Geological map of the Qiqavik Property

5.3 Mineralization & Deposit Types

The Qiqavik property sits in the Parent group of the Proterozoic Cape Smith belt and which has undergone regional green schist alteration. The Qiqavik project is at an early exploration stage. Exploration work completed over the property is limited and the understanding of the mineralization setting remains limited as well. Including the work completed in 2019, a total of 12 gold and copper showings have been found to date on the camp scale property that have different structural and contextual settings, different mineralization occurrences and different elemental associations. At present, it is therefore not clear as to precisely what genetic gold depositional model to apply. The size of the property, field observations, mineralized associations and hosts, combined with recent exploration work results may suggest different genetic models & timing for the main various mineralized areas. The current understanding of mineralized events is summarized below.

Early events:

There are obviously several “early events” of mineralization present on the property. The property being so large, these events show strong variations in mineralogical associations and compositions. As a group, they all show mineralization associated with deformation and are themselves, in turn, affected by later deformation. It is probable that distinct deformation events were commonly using previous structures, telescoping or remobilizing earlier mineralization.

- Shear associated Au, As (Zn, Cu, Co, Pb)

Ex: **Esperance, Gerfaut, Interlake**

These are the oldest mineralization, even if within this single class are probably several distinct events. Field observations show that these shears can be extensive along strike but prone to boudinage and segmentations.

- Quartz veins associated Au (As, Pb, Zn)

Ex: **Central, Gerfaut South area**

Similar in timing with the previous sub-category, they are less extensive. They are also very prone to boudinage and segmentation.

- Quartz veins of felsic intrusive affiliation Au (As, Pb, Zn, Mo, W, Bi)

Ex: **Focused-Aurora area**

This event includes all the gold showings located within the Focused-Aurora trend except for the Focus veins. The veins show a strong enrichment in W (Mo, Bi) indicating a substantial felsic magmatic fluids component in their genesis.

Late event:

- Quartz veins associated Au-Sb (As, Cu, Ag)

Ex: **ABG, Focused Intrusive, Eric’s boulder train (IP Lake Corridor), Annick’s boulder train (IP Lake Corridor)**

Focused Intrusive and ABG zones are the most representative of this type. They both are quartz veins occurrences showing totally un-deformed quartz with preserved primary textures such as comb, crustiform and locally drusy textures. They are interpreted as being hybrids between mesothermal and epithermal depths of formation. Their mineralogical assemblage is variable but commonly shows antimony rich sulfosalts, arsenopyrite and chalcopyrite and their Ag/Au is commonly higher than other types of mineralization. The veins orientations are also characteristic, crossing the regional geology trend at a strong angle. The veins orientation averages roughly 36 degrees of azimuth at ABG (from outcrops) and 24 degrees of azimuth at Focused Intrusive (from the sub-in-place boulders). Being a late, extensional event, it is possible that this orientation stays constant through the property.

6- EXPLORATION PROGRAM 2019

The duration of 2019 exploration program completed by Orford Mining over the Qiqavik property was approximately 45 days from mid-July to late-August. The program consisted of mapping and till sampling, drilling and ground and airborne geophysics. Map 2, found in Appendix 2, shows the compilation of all the surveys undertaken during the 2019 exploration program.

The mapping and sampling program consisted of:

- 4 crews of a geologist and his assistant performing traverses at a one-kilometre line-spacing. Each crew was equipped with a portable XRF analyzer allowing on-site chemical analysis.
- A total 1,301 field stations (859 mapping stations and 442 till stations) were recorded on the Qiqavik property.
- 289 till samples and 602 grab samples were taken on the Qiqavik property for geochemical assay.
- 153 large till samples were taken on the Qiqavik property for Gold Grain Analysis.
- 1,367.68 metres of diamond drilling. Description of the drilling campaign can be found in chapter 7 of this report.
 - Interlake (725 metres in 3 holes),
 - IP lake (402 metres in two holes)
 - Focused intrusive (240 metres in one hole).

The geophysical surveys included:

- 35.2 line-kilometres of IP surveying using Abitibi Geophysics' Orevision™ system at Interlake, IP Lake and Gerfaut South. The survey was conducted at various line spacing in a pole-dipole configuration with an "a"-spacing of 25 m (report in Appendix 6).
- 1,128.8 line-km airborne EM survey using Geotech's VTEM™ plus time-domain system covering Esperance, Interlake and West Gerfaut at 100m line spacing (report in Appendix 6).
- 50 cm resolution Multispectral and Panchromatic Satellite Data and 1m DEM data covering South Qiqavik (report in Appendix 6).

6.1 Geological Mapping Program

During the 2019 exploration program carried out by Orford Mining on the Qiqavik property, a geological mapping program was held over approximately 45 days from mid-July to late-August. A total of 4 teams, each composed of a senior geologist and one assistant, take part of this program that was undertaken simultaneously with the till sampling program. The objectives of the geological mapping was the verification of known gold showing, the verification on the field of specific zones where the till program and mapping program of previous years reported anomalous gold values, the verification on the field of geophysical anomalies and the mapping of under-explored area. The mapping program focused mainly on three zones: Interlake, IP Lake Shear Corridor and Esperance South.

All data and observations taken during the geological mapping program were directly recorded on the field using numerical tablets with the program GSFNav which were equipped with an internal GPS with an accuracy of 3 to 5 metres. A witness sample was kept at the Chukotat camp by Orford Mining for each grab samples collected in the field for reference if necessary.

A total of 859 mapping stations, such as outcrops, outcrop areas and boulders, were recorded and described and a total of 602 grab samples were collected among them. Localization of all mapping stations and grab samples are shown in figure 6.1 (mapping stations) and 6.2 (grab samples) and on maps 1 and 2 that can be found in Appendix 2. All analysis certificates are provided in Appendix 5. The analysis results of 33 grab samples, which represents around 5% of all grab samples, returned gold anomalous results higher than 0.5 g/t. Those 33 anomalous grab samples were collected in three different zones.

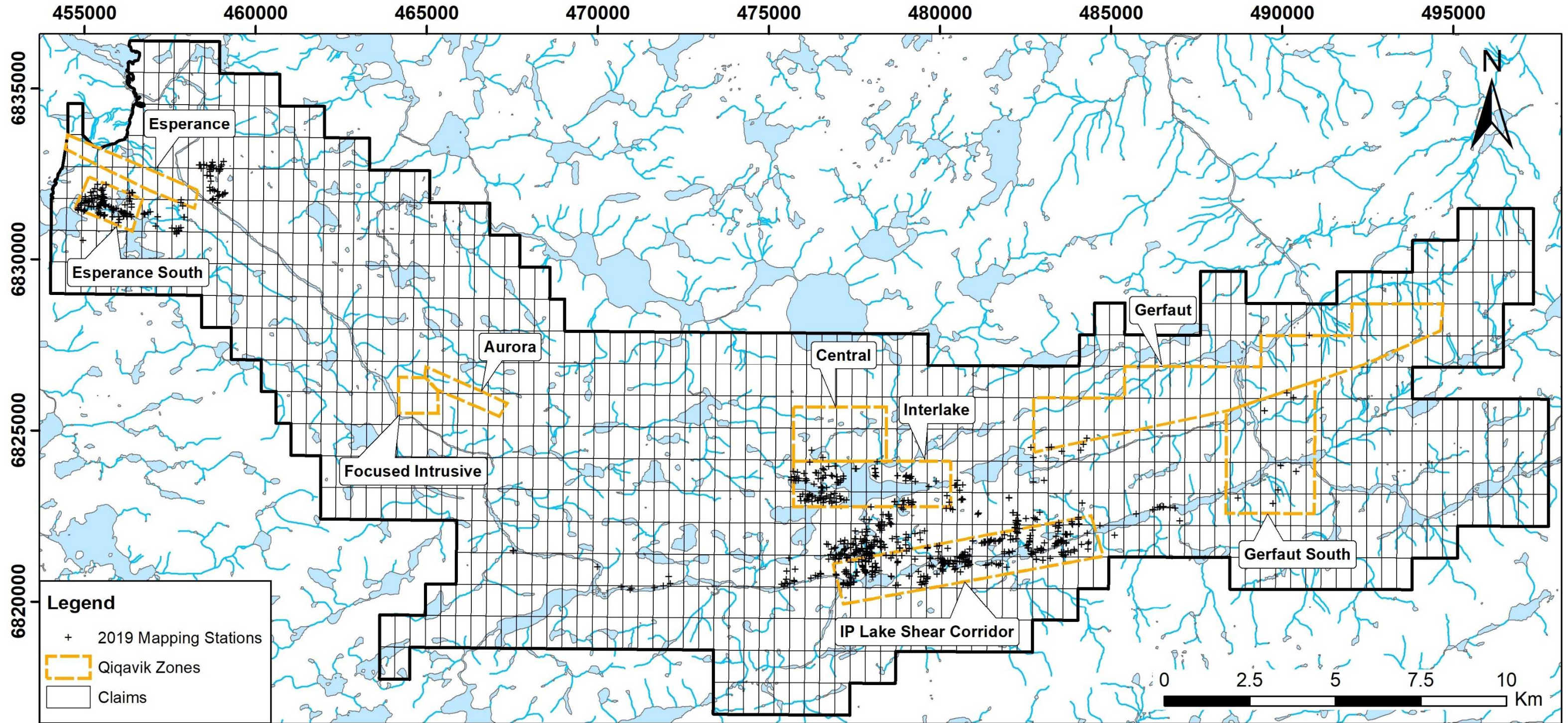


Figure 6.1: 2019 Mapping Stations Localisation of the Qiqavik Property

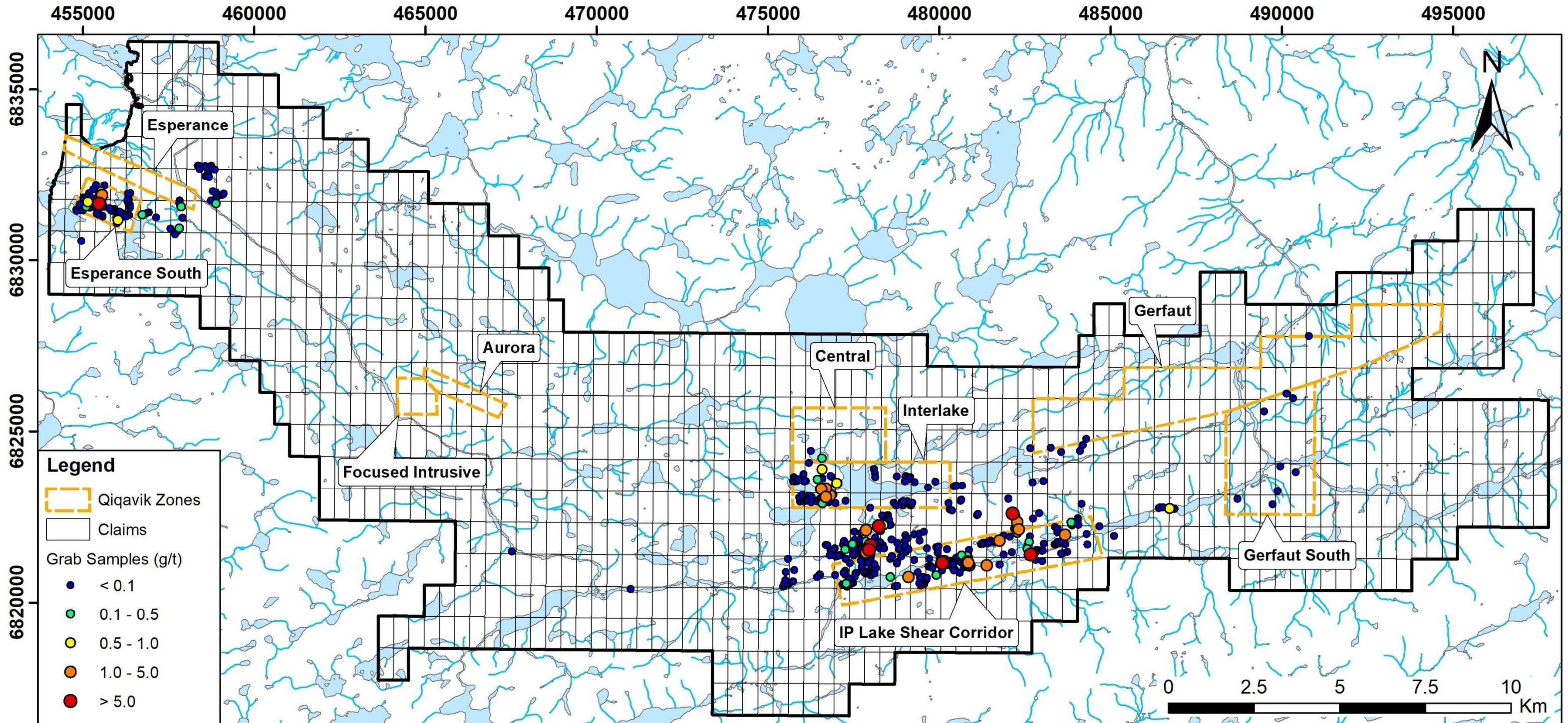


Figure 6.2: 2019 Grab Samples Localisation of the Qiqavik Property

6.1.1 Interlake

Most of the Interlake Area is poorly exposed. The 2019 mapping work focused on following the lake shorelines looking for mineralized boulders which may come from shears which appear to be hosted under the lakes (circled areas in Figure 6.3). These boulders are discussed as 3 groups below:

- **Red Circle:** Group of boulders identified on the North Shore of the East Lake are quartz and inter-flow sediments boulders which reported anomalous gold. Sample B00393045 is a silicified interflow sediment boulder with up to 15% quartz and minor pyrite which reported 0.9 g/t Au. Two other quartz boulders with pyrite and arsenopyrite, B00393044 and B00393039, reported 0.35 and 0.27 g/t Au respectively.
- **Blue Circle:** a series of boulders (Quartz veins, Quartz Feldspar Porphyry, and silicified Fe-Formation) on the north shore western end of the west lake were sampled, no anomalous Au was reported. Two outcrops were observed which were labelled as a mylonite and a schist. The mylonite had crenulations (N044-060).
- **Yellow Circle:** The area circled in yellow contains some of the highest grading boulder in the Interlake area (up to 23.4 g/t) found in the 2017-2018 exploration campaign. They are a series of sheared silicified, graphitic boulders with Pyrite +/- Sphalerite +/- arsenopyrite. One additional sample (B00393819) that was collected in 2019 graded 0.66g/t Au and consisted of a sub angular quartz boulder with ankerite and pyrite.

Approximately 150 metres South of Interlake, there are additional sheared samples containing sulphides reporting anomalous Au in the range of 1 to 5 g/t Au (Figure 6.3) that was found during the 2019 mapping program. At this time, it is not known how this area is related to Interlake since the evidence suggests that there are several parallel mineralized zones.

The east area of the Interlake zone was also explored and mapped, but no gold anomalies were found.

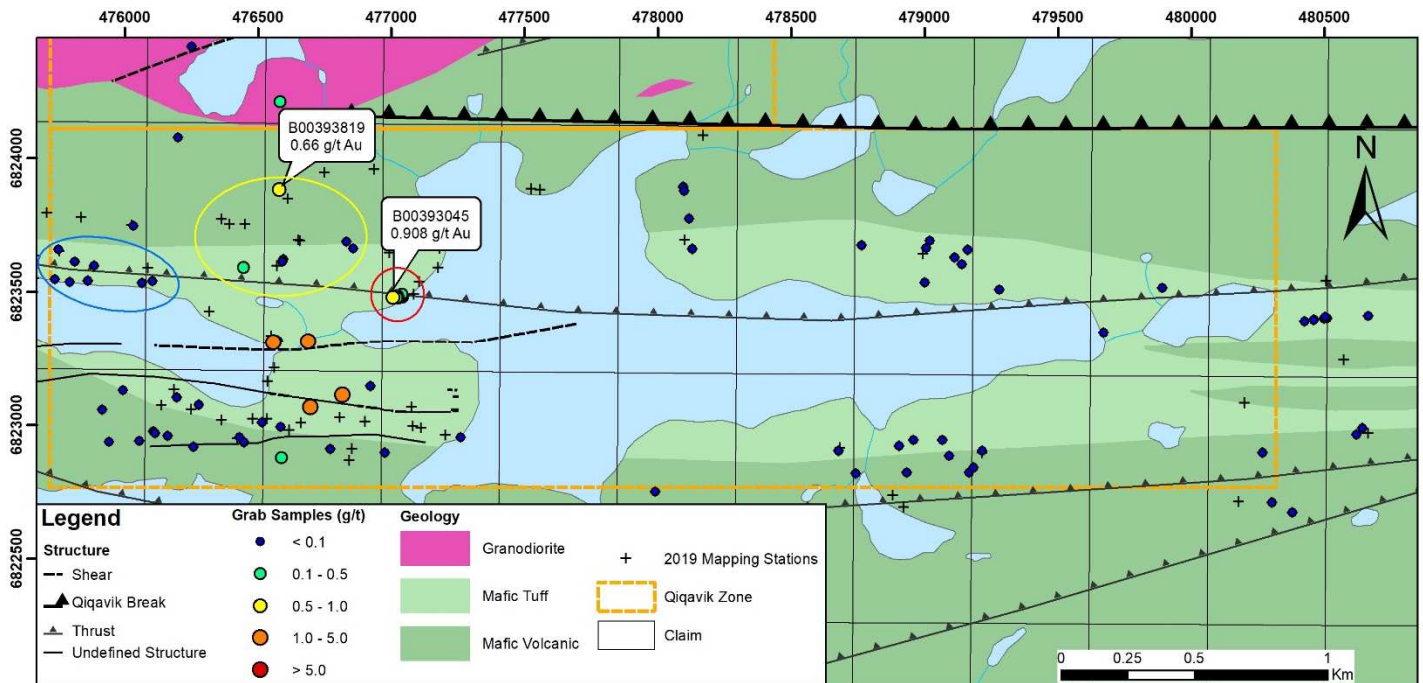


Figure 6.3: Interlake Zone Mapping

6.1.2 IP Lake Shear Corridor

The 2019 mapping work at IP Lake Shear Corridor (IPLS) was the result of up-ice follow-up of a 2018 visible gold boulder train, which graded up to 108 g/t in quartz boulders (Figure 6.4 in red triangle). Follow-up of this boulder train to the south resulted in the identification of the IP Lake Shear Corridor. The IP Lake shear is a large shear approximately 225 metres across and has been traced for 7 km in strike but open on either end. In the immediate area of IP Lake, most of the shear sits under the lake.

The western part of IPLS feature a lake in the shape of a dumbbell referred as the Dumbbell Lake. On the east part of that lake, anomalous boulders were found. Samples B00393890 and B00393434 (Figure 6.3) were sub angular, sub-metres to metres scale, gray quartz boulders with fine grained arsenopyrite, pyrite and visible gold which reported 59.55 and 79.37 g/t Au. On the east shore of the Dumbbell Lake, sample B00393910 was found and was an angular tuff boulder with ankerite alteration, arsenopyrite and pyrite grading 2.46 g/t Au.

In the middle part of IP Lake Shear Corridor, in-between two lakes, several boulder samples within a field of boulders reported up to 3.9 g/t Au (sample B00393687, Figure 6.4). The 3 most northern boulders were quartz veins with sulphides reporting XRF anomalies in As and Cu. The southernmost sample is a metasomatic rock which has been completely silicified with ankerite alteration and up to 5% Pyrite reporting XRF Au and Cu anomalies locally.

The south side of IPLS is flanked by iron formations. Mapping and sampling along the iron formation in previous years reported anomalous gold up to 1.42 g/t Au in outcrop. One new sample of possible subcrop (sample B00393016, Figure 6.4) reported 1.77 g/t Au which was a carbonated iron formation with locally injected quartz veins with up to 15% pyrite. It is part of a larger boulder field filled with fragments, sub-cropping chlorite schists with strong ankerite alteration hosting fine disseminated pyrite.

Several additional boulders were found on the north side of IPLS (Figure 6.4) presumed to be additional material transported from the IPLS:

- B00393845: Angular Chert Boulder grading 1.39 g/t Au.
- B00393522: Sub-angular Schistose Basalt with Quartz veining, carbonate, fuchsite, ankerite alteration grading 1.09 g/t Au.
- B00393014: Boulder of Iron Formation with ankerite alteration grading 2.5 g/t Au.
- B00393589: Basalt boulder with Ankerite and carbonate alteration with pyrite and arsenopyrite grading 1.16 g/t Au.
- B00393013: Silicified and ankeritized boulder, felsic or sediment protolith grading 25.43 g/t Au.

The eastern part of IP Lake Shear Corridor was mapped on the north and south shore of the lake up to sample B00393534 (Figure 6.4). No outcrop or significant boulder was found on both shores up to where the lake gets thinner. Sample B00393524 was a semi-massive sulphide boulder in contact with a conglomerate that returned an anomalous gold value of 0.88 g/t.

6.1.2.1 Western IP Lake Shear Corridor & The “Anick” Boulder Train

In 2018, a small sub-angular quartz vein boulder reported 342 g/t Au (Figure 6.5 in red triangle). In 2019, field teams followed the trend up ice to the south-west.

Additional gold bearing boulders, now known as the “Anick” Boulder Train, were identified consisting of samples B00393009, B00393383, B00393062, B00393069, B00393872 shown in Figure 6.5 which graded up to 648 g/t Au (B00393009). This series of samples are quartz boulders varying in size from 20 cm up to 80 cm. They are sub-angular quartz boulders with varying amounts of sulphides (pyrite and galena). Samples B00393009, B00393062, B00393872 reported associated lead anomalies of 5 164 ppm, 2 648 ppm and 2065 ppm.

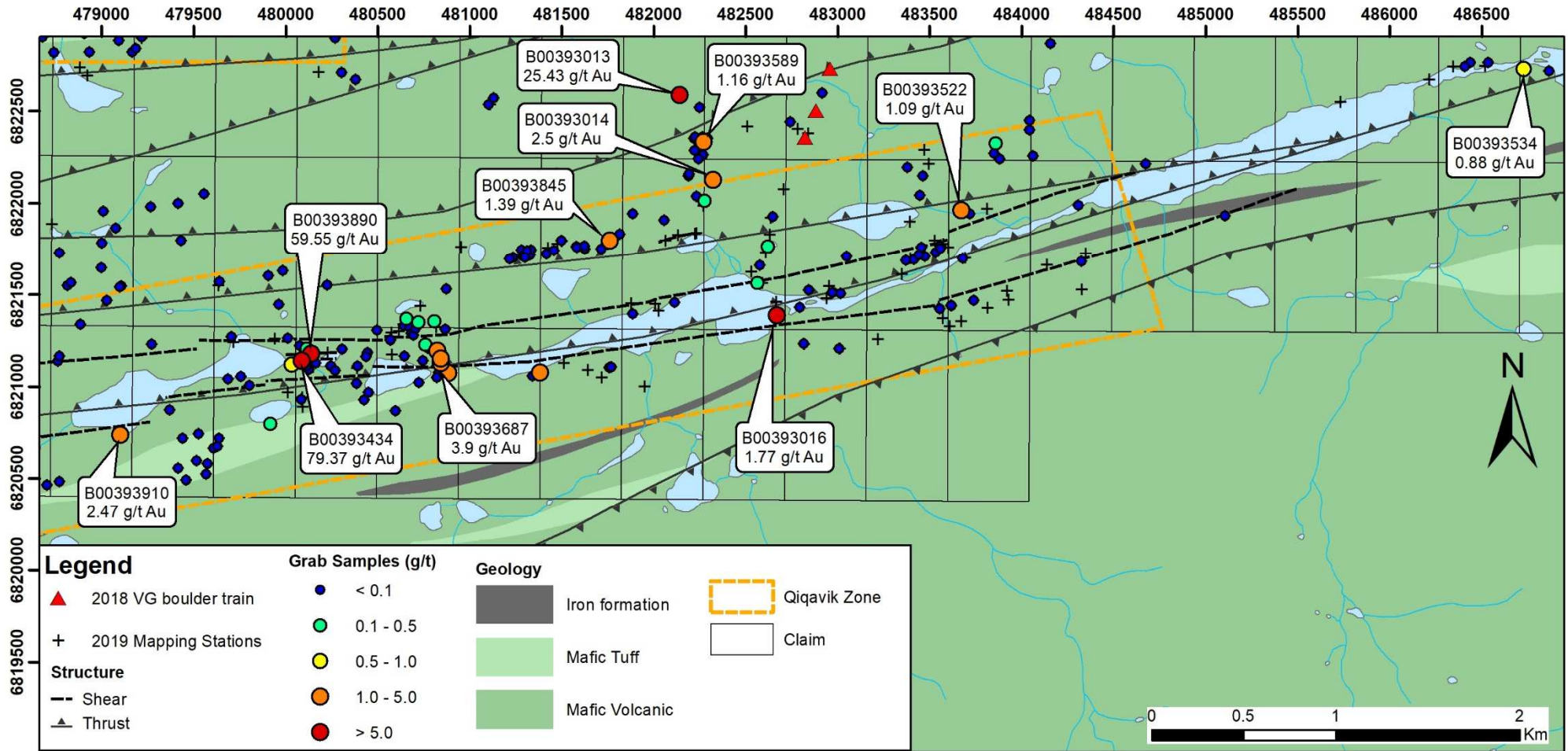


Figure 6.4: IP Lake Shear Corridor Zone Mapping

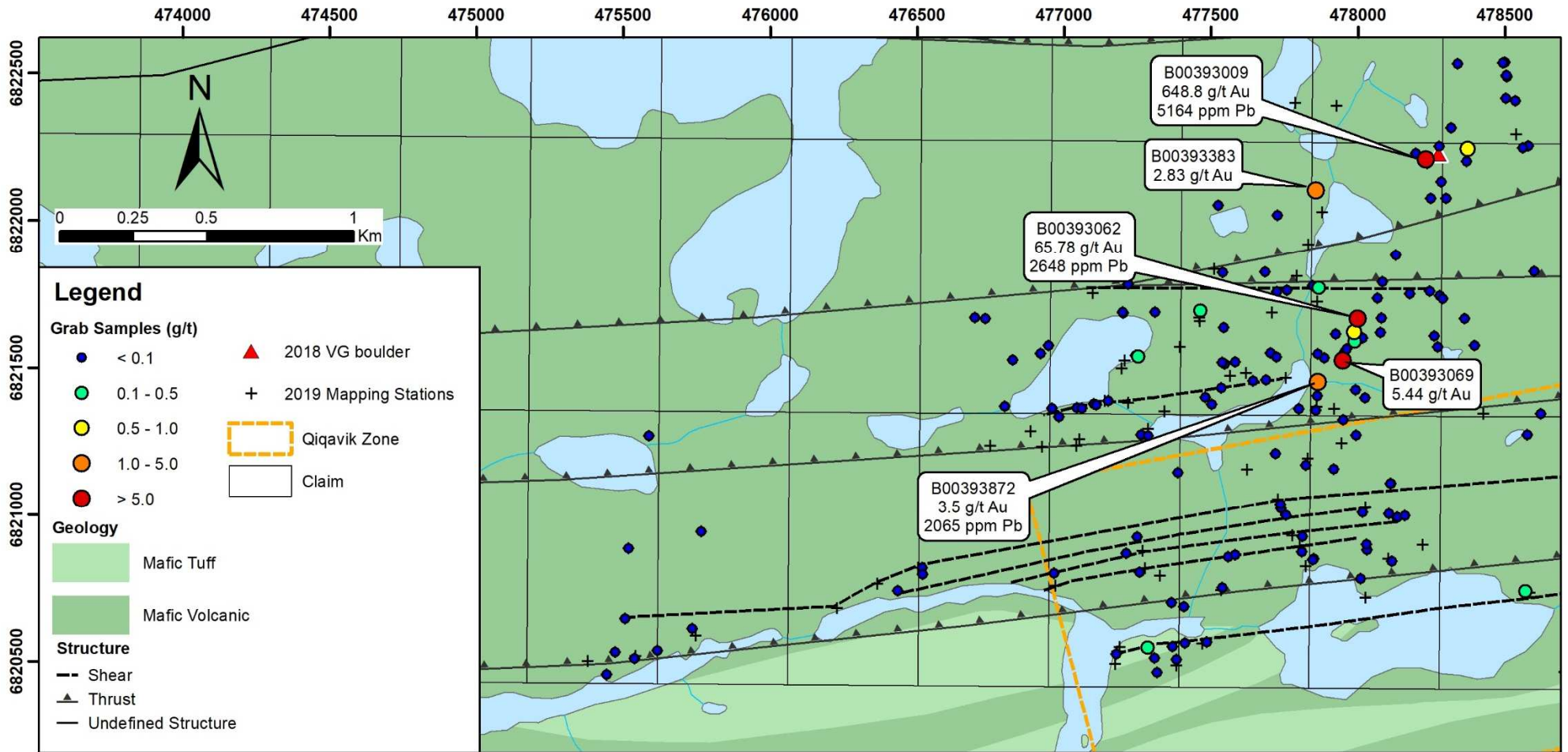


Figure 6.5: West IP Lake Shear Corridor and “Anick” Boulder Train Zone Mapping

6.1.3 Esperance South and East End of Esperance

The 2019 mapping work at Esperance South was focused on identifying the source of the VTEM anomalies south of the Esperance Main trend (Figure 6.6). The VTEM anomalies visible at surface were observed to be basalts with barren sulphides unrelated to mineralization of interest. During this process, a shear was identified on the north shore of a lake. The shear was traced in subcrop and in boulders and was found to be the contact between a granodiorite and the surrounding basalt which is co-incident with a mag low.

Field teams observed granodiorite injections at several places hosted within the local basalt or granodiorite with fragments of basalt. Many grab samples were taken along the shear, none reported anomalous gold. Sample B00393333, however, was collected south to the granodiorite and reported anomalous gold and copper with 0.62 g/t Au and 4.16 % Cu (Figure 6.6). This sample is within a boulder field of magnetic iron formation boulders and contains up to 30% sulphides as Cpy-Py-Po.

Many other grab samples were taken in the area while mapping and prospecting around the intrusive. Four of these samples reported anomalous gold (>0.5 g/t Au) and/or copper (>0.1% Cu), as shown in Figure 6.6:

- B00393782: is a sub-angular to angular quartz vein boulder with 1% malachite and disseminated Cpy and Py which reported 20.62 g/t Au and over 5% Cu (over method detection limit).
- B00393797: is an altered and sheared frost heave/Subcrop schist (protolith unknown) which contained sulphides along foliation plane which graded 1.23 g/t Au and 0.21% Cu.
- B00393578: is a granodiorite boulder with quartz veins containing 6% Cpy and 1-2% Py that returned 0.56 g/t Au and 0.49% Cu.
- B00393585: is a mafic to felsic intrusive containing 1-2% Py-Cpy which reported 0.4 g/t Au and 0.71% Cu.

The anomalous Au & Cu mineralization identified at Esperance South is associated with various rock types and alterations and host similarities in the mineralization of Esperance Trend. While mapping may suggest some association to the proximal felsic intrusive, at this time, it is unknown how or what controls the observed mineralization at Esperance South or if it is related to the Main Esperance Trend. The entire area remains prospective and warrants further work.

During a unique traverse south-east to the Esperance Trend, a boulder of a foliated basalt injected by a quartz vein containing 7% Cpy (sample B00393303, Figure 6.6) returned a gold and copper anomaly of 0.31 g/t Au and 1.33% Cu.

Several VTEM Anomalies were identified north-east of the Esperance Trend and north of the Qiqavik Break (Figure 6.6). They were found to be sulphide bearing sediments and basalts. No anomalies in Au, Cu, Pb or Zn were identified. However, two samples reported anomalous arsenic values. No further work or follow up is recommended for this area.

6.1.4 Gerfaut South and Other Areas

The main goal in the Gerfaut South Zone was to collect large till samples to complete the gold grain analysis grid from 2017 and 2018. During this part of the program, the field team also mapped new geological stations and collected grab samples in the Gerfaut South zone and some in the Gerfaut zone (Figures 6.1 and 6.2). No anomalies in Au, Cu, Pb or Zn were identified in the grab samples.

One unique traverse east of the IP lake Shear Corridor was undertaken by one field team to do a reconnaissance of the extension of the shear trend in the south-east part of the Qiqavik property. Mapping stations and grab samples were collected along the traverse, but the area was under looked since the main goal was to cover grounds (Figures 6.1 and 6.2). No anomalies in Au, Cu, Pb or Zn were identified, but the entire area remains prospective and warrants further work.

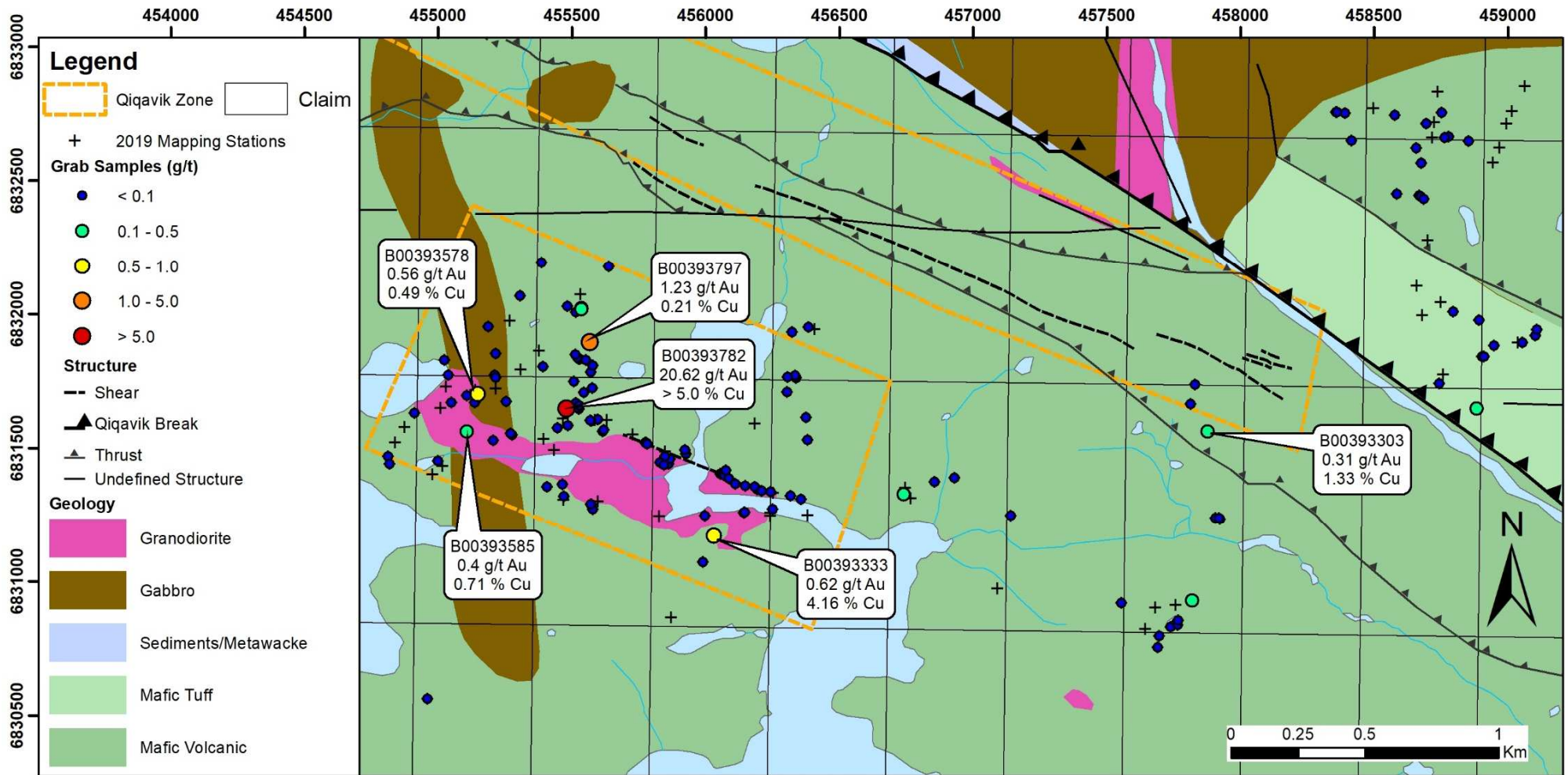


Figure 6.6: Esperance South and East End of Esperance Zone Mapping

6.2 Till Sampling Program

A total of 442 till stations (including the Large Till stations) were described and a total of 289 till samples were collected during the 2019 exploration program in the IP Lake Shear Corridor, Esperance South, Gerfaut South and Gerfaut zones of the Qiqavik property (Figure 6.7). Samples consisted of approximately 500 grams of till material collected from frost boils, which is a typical and common feature of the permafrost terrain in the area. Till sampling protocol and analysis methods are described in Section 10.

Based on previous studies (Laforest, 2012; Gauthier, 2015), the main anomalous elements in till that could be associated with gold mineralization on the Qiqavik property include Au, As, Bi, Cu, Pb, Sb, Te, Zn and W. These multi-elements signatures associated with mineralization show anomalies well in lab assay data. However, the main parameter used for sampling with hand-held portable XRF instruments during the field campaign was arsenic due to its higher concentration in tills relative to XRF detection limits as compared to other indicator elements. The geochemistry of all till samples collected in 2019, including the Large Till Samples geochemistry, with distribution of arsenic values (in ppm) and gold values (in ppb) is shown in Figure 6.8.

The till sampling survey highlighted 5 main anomalous areas (Figure 7.2) plus numerous isolated anomalies. The main anomalous areas are Esperance, Aurora, the ABG Zone, Central Qiqavik, and the Kovik Felsic Intrusive area.

6.2.1 IP Lake Shear Corridor

The 2019 Till sampling work on the IP Lake Shear Corridor zone was focused on completing a grid north and partially south of the main shear trend to detect anomalies favourable for gold mineralization and ameliorate the targeting of the IP Lake Shear Corridor. 319 till stations were recorded and 319 till samples were collected (203 from normal till and 116 from Large Till). The geochemistry of all till samples collected at IP Lake Shear Corridor, including the Large Till Samples geochemistry, with distribution of arsenic values (in ppm) and gold values (in ppb) is shown in Figure 6.9.

One new Au Anomaly (Large Till sample 117420026) reported 0.457 g/t Au and an Sb anomaly of 2.7 ppm. This sample is co-incident with a large till sample which reported a gold grain count of 121 per 10 kg. The Anick Boulder Train and various parts of the IP Lake Shear Corridor are also associated with a weak gold anomaly grading up to 0.07 g/t Au.

6.2.2 Esperance South and East End of Esperance

The 2019 Till Sampling work at Esperance South and on the east end of the Esperance Trend was undertaken simultaneously with the mapping program of this zone and focused on identifying the source of various VTEM anomalies. 86 till stations and 86 till samples were collected. The geochemistry of all till samples collected at Esperance South and on the east end of the Esperance Trend with distribution of arsenic values (in ppm) and gold values (in ppb) is shown in Figure 6.10.

Sample B00397468 resulted in anomalous gold with 0.01 g/t Au on the north side of the Qiqavik break. Geological mapping did not explain it and it could cause by a down ice result from the main Esperance trend.

Several Arsenic anomalies in the Esperance area were found. Sample B00397099 reported 16 ppm As and is located at South Esperance and is co-incident with a conductivity anomaly. The VTEM anomaly were explained by basalts with barren sulphides at surface, no grab samples with anomalous gold were found. Samples B00397451 (47 ppm As) and B00397454 (65 ppm As) are located on the north side of the Qiqavik Break, North East of the main Esperance trend. These two samples are co-incident with a conductivity anomaly from the VTEM survey. Mapping in this area explained the VTEM anomalies as sulphide bearing sediments and basalts with no gold association.

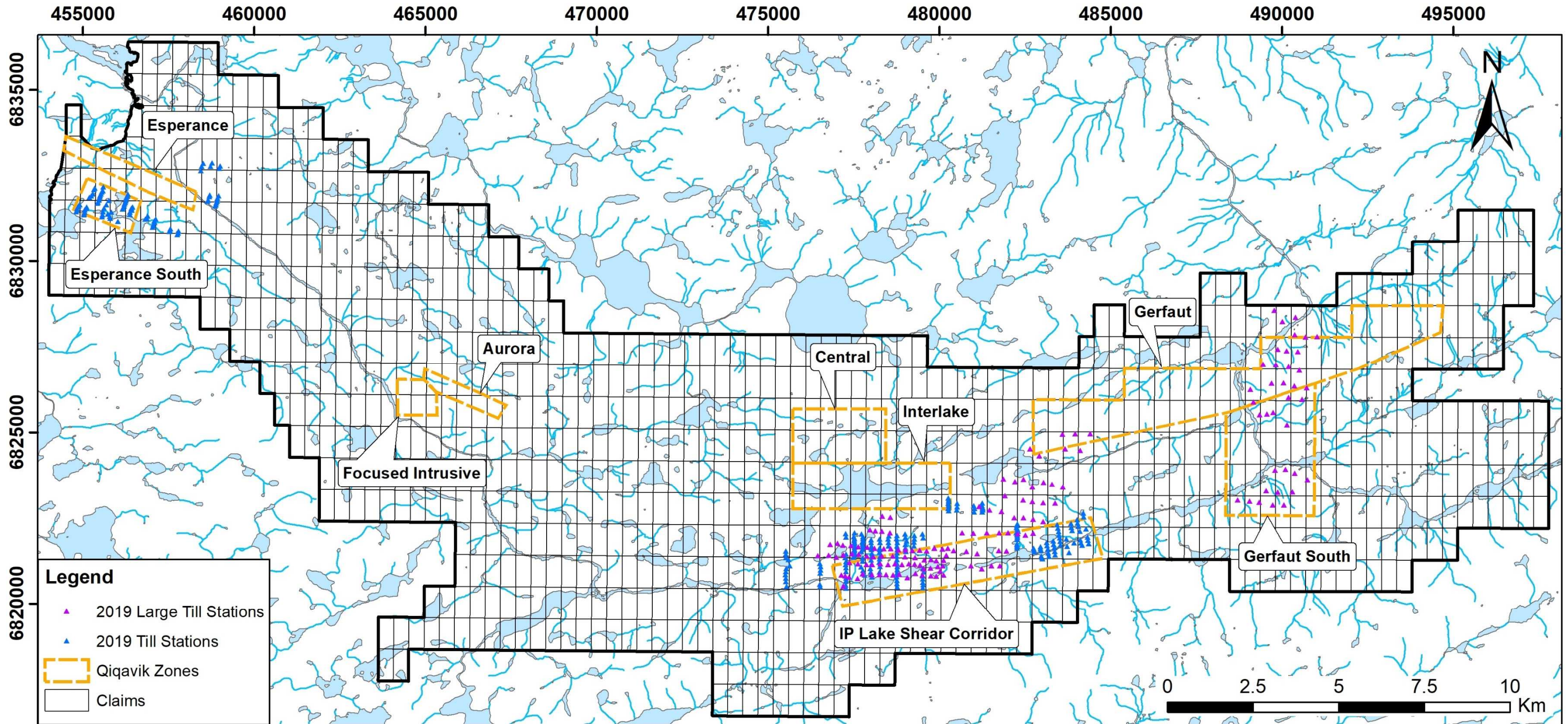


Figure 6.7: 2019 Till Stations Localisation of the Qiqavik Property

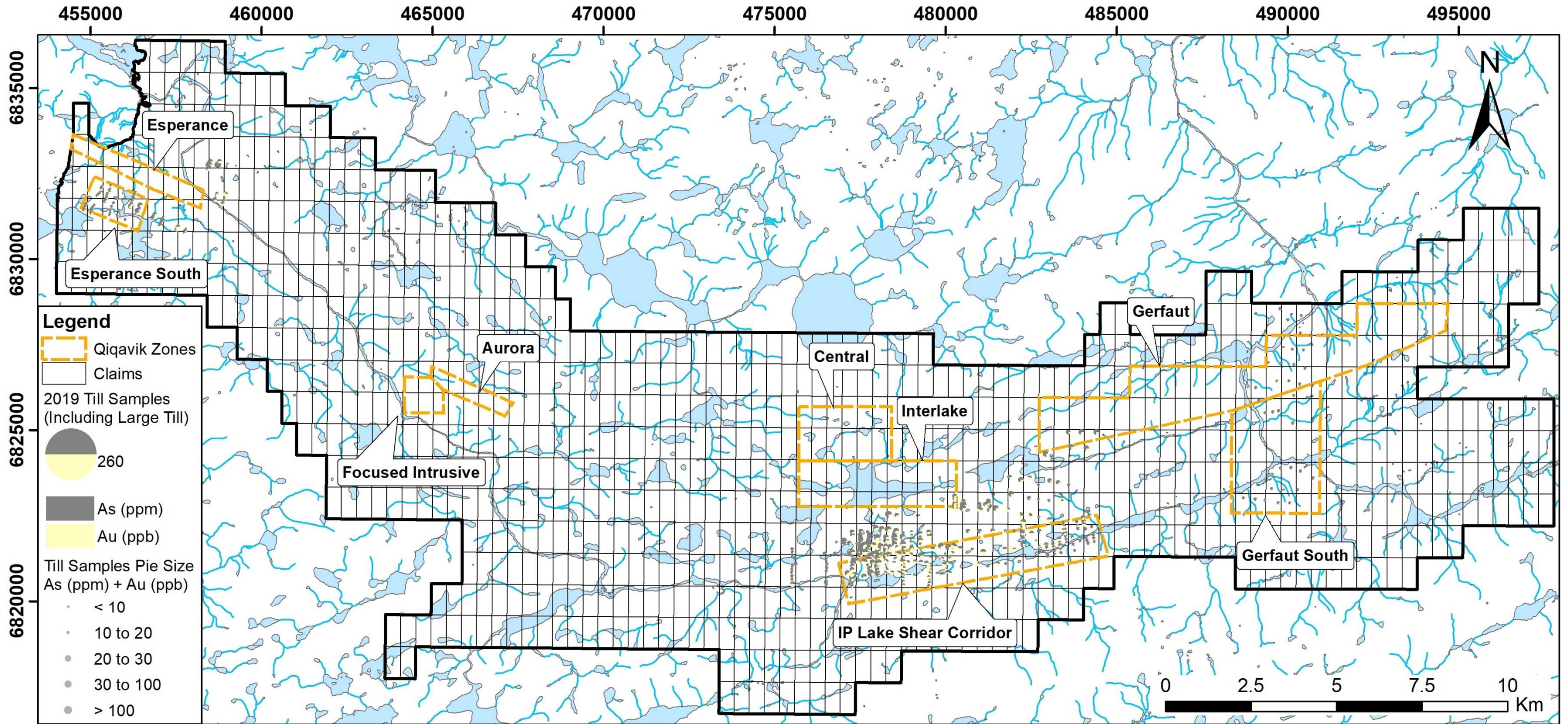


Figure 6.8: 2019 Till Samples Localisation of the Qiqavik Property

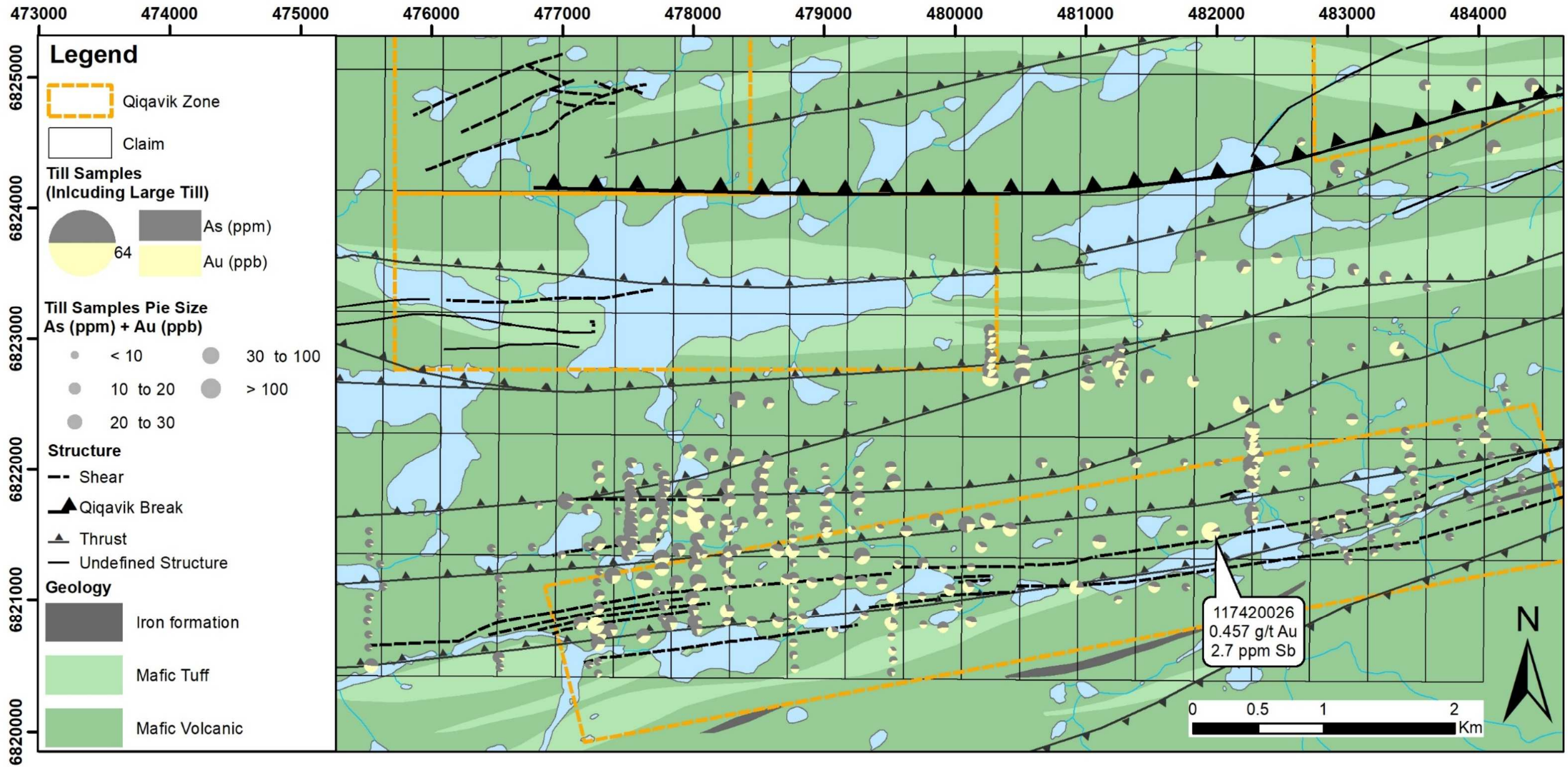


Figure 6.9: IP Lake Shear Corridor Zone Till Sampling

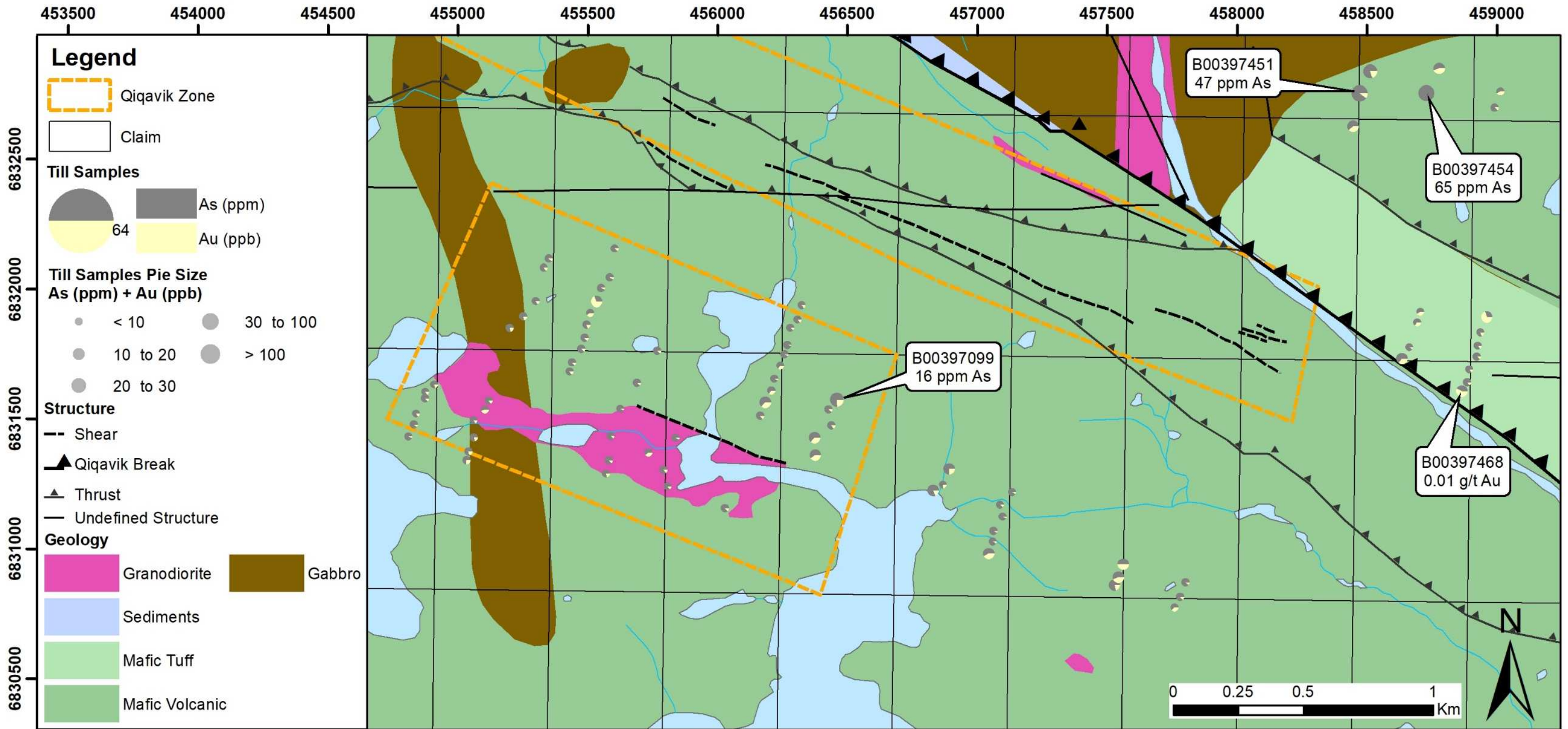


Figure 6.10: Esperance South and East End of Esperance Zone Till Sampling

6.2.3 Gerfaut and Gerfaut South

37 till stations were recorded over Gerfaut and Gerfaut South and they are related specifically to the sampling of Large Till samples collected for gold grain analysis as part of completing the gold grain analysis grid of Gerfaut South. The geochemistry of Large Till samples collected at Gerfaut and Gerfaut South with distribution of arsenic values (in ppm) and gold values (in ppb) is shown in Figure 6.11.

No anomaly was found in the geochemistry analysis of the Large Till samples of the Gerfaut and Gerfaut South zones.

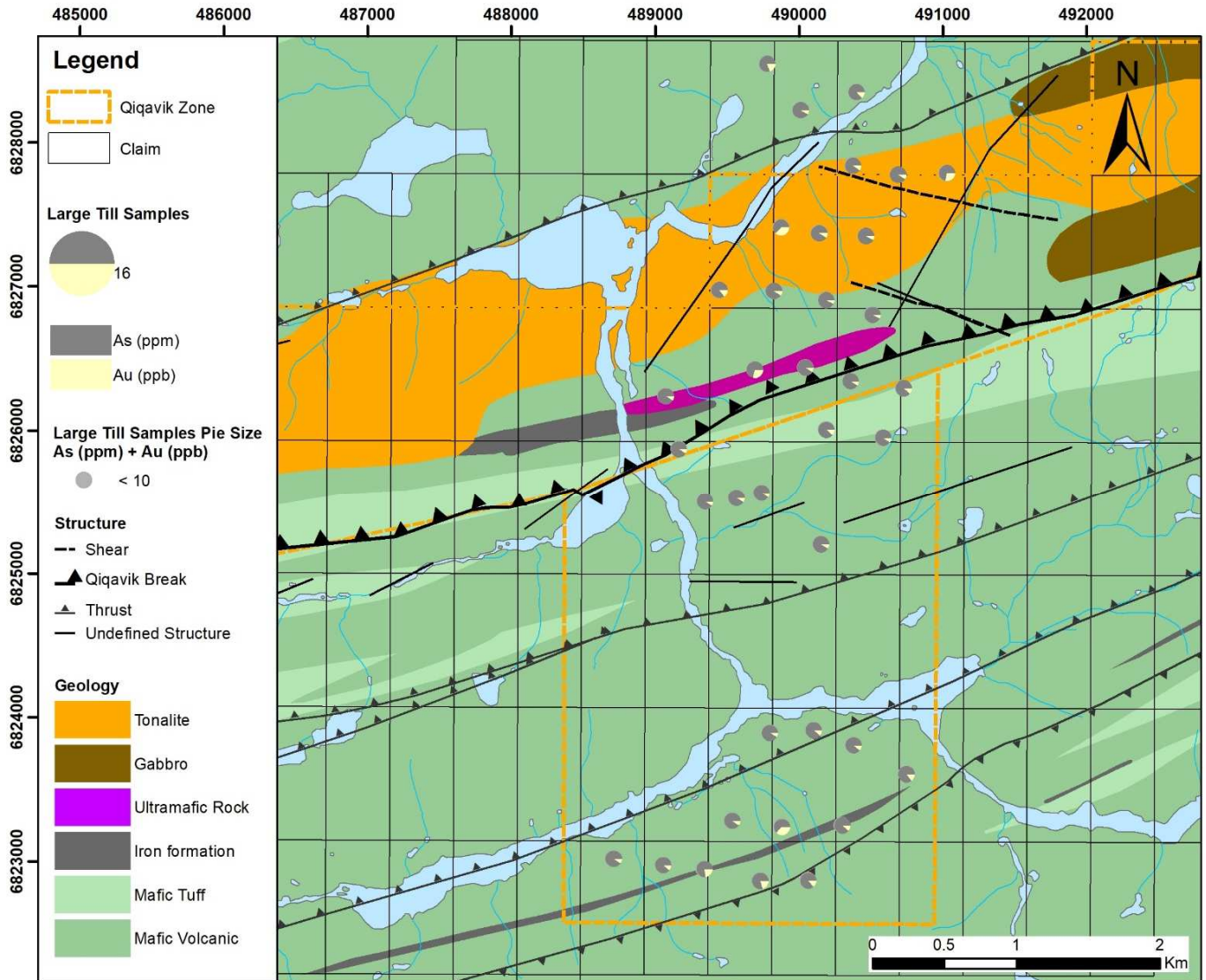


Figure 6.11: Gerfaut and Gerfaut South Till Sampling

6.3 Gold Grain Analysis of Large Till

At the beginning of the 2019 exploration program, 50 large till samples were collected for the gold grain analysis down ice between IP lake and the Gerfaut North Trend with the goal of aiding in planning the drill program around IP lake to test the source of a visible gold boulder train. Results were not received early enough before drilling holes QK-19-002 and QK-19-003. However, gold grain counts showed several count anomalies (Figure 6.12).

Before the end of the 2019 field season, in an attempt to help with future drill hole targeting, the large samples density along the IP Lake shear corridor was increased by 103, bringing the total of large till samples at 153 for the 2019 exploration program. Samples were sent back south by boat and sent to IOS Services Geoscientifiques for analysis. During the process of the gold grain analysis by IOS Services Geoscientifiques, a pulp fraction of each Large Till samples were analyzed for geochemistry. Figure 12 shows the location of all large till samples collected during the 2019 exploration program and their gold grain analysis results.

The gold grain analysis report can be found in the Appendix 6.

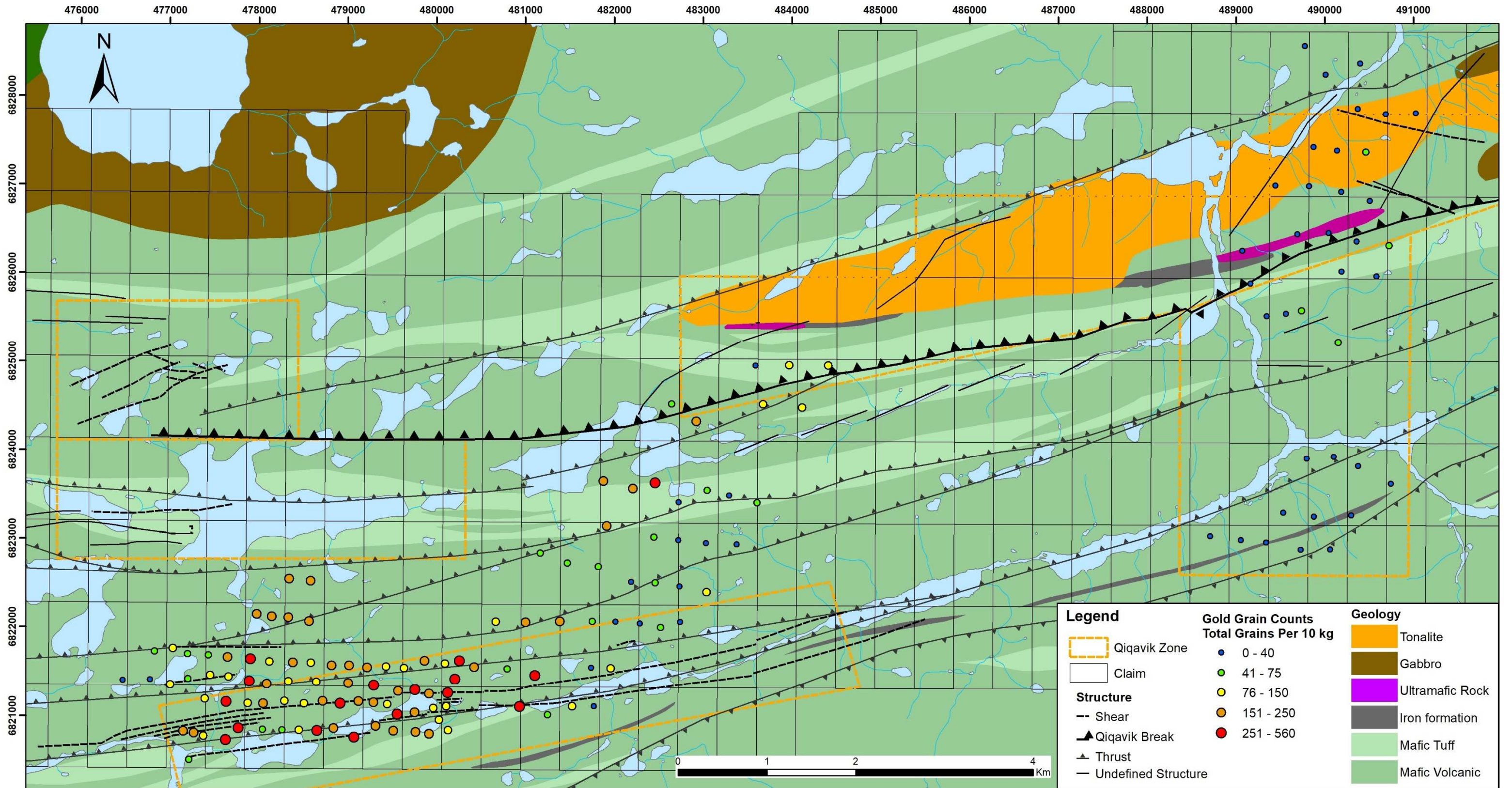


Figure 6.12: 2019 Gold Grain Analysis of the Qiqavik Property

6.3 Geophysical Surveys

Two geophysical surveys were completed in 2019. The first one was a ground geophysical survey that started in May 2019 to cover the lakes while they were frozen and was completed during the 2019 Exploration Program. The survey covered 35.2 line-km of IP surveying using Abitibi Geophysics' Orevision™ system at Interlake, IP Lake and Gerfaut South. The survey was conducted at various line spacing in a pole-dipole configuration with an "a"-spacing of 25 metres. The second geophysical survey was an airborne survey that was undertaken at the beginning of the 2019 Exploration Program and covered 1,128.8 line-km airborne EM survey using Geotech's VTEM™ plus time-domain system at Esperance, Interlake and West Gerfaut at 100 metres line spacing.

The geophysical survey reports can be found in the Appendix 6.

6.4 Remote sensing data

The lack of trees and overburden cover on the Qiqavik property, specifically the most western part of Qiqavik, results in a large surface area of bedrock and sub-crop exposed at surface with minimal interference of overburden coverage. Given the very short weather window of July/August where there is no snow for surface work (mapping & sampling), remote sensing data is a necessity to identify outcrop and plan summer work.

Multi-spectral signatures captured in remote sensing data can be used to identify mineralized rock types and thus target areas for the summer program. This can be used in conjunction with DEM data to identify structures and other features which may be related to mineralization and thus define targets for follow up in subsequent field programs. Qiqavik is the ideal setting for the application of remote sensing data which is essential for planning an efficient program and a significant aid in targeting.

Remote sensing data was purchased from a commercial satellite which passes through Nunavik periodically. To be able to obtain high quality data, the satellite must pass over the area of interest several times on days with minimal clouds. Data was collected over the southern portion of the Qiqavik property through several fly-bys and stitched together to obtain the clearest, cloud free data.

6.4.1 Remote Sensing Data

Good quality remote sensing data over the Qiqavik Property was acquired. The multispectral and DEM data used in the study are summarized in Appendix 6.

The remote sensing data sets/products will be used for:

- Multispectral data can be used in conjunction with known mineralization to identify other areas with similar spectral characteristics, with the idea being that a similar spectra may indicate similar mineralization in underexplored or un-explored areas covered by the data.
- Pleides data with 50 cm resolution can be used to look for quartz boulder fields. Quartz boulders are white and stand out well in plane light compared to the tundra terrain on Qiqavik. This could identify further mapping stations/targets to visit in subsequent field programs.
- DEM data can be used in the detailed extraction/interpretation of the lineaments (faults, folds, contacts and fractures). The Qiqavik property is a high grade gold exploration project where gold deposits are frequently structurally controlled or influenced. Identifying key structures could generate mapping and sampling targets associated with structures and/or refine drilling targets trends. In more advance years, DEM data will be needed to accurately plan and target drill holes from surface.

7- DRILLING

Historical Drilling

Limited drilling has been completed on the Qiqavik property. In 1996, Falconbridge Ltd completed a 325 metres drill program in 2 holes, described in Section 4 (Exploration History) of this report.

Orford Mining Drilling

In 2016, Orford Mining Corporation completed a 550 metres drill program in 6 holes, QK-16-001 to QK-16-006. The drilling program focused on the Gerfaut Area, in the Eastern part of the Qiqavik property, to test IP anomalies defined in the early stages of the 2016 program. Hole QK-16-001, for 68 metres, was drilled on the Parent property, 12 kilometres to the southwest of Qiqavik while holes QK-16-002 to QK-16-006 were drilled on the main Qiqavik property. Drilling operations were completed using a helicopter-portable drill rig under contract with Major Nuvumiut from Rouyn-Noranda, which is a partnership between Major Drilling and Nuvumiut Development.

In 2017, Orford Mining Corporation completed a 2,722.5 metres drill program in 23 holes, QK-17-007 to QK-17-029, on the Qiqavik property. The drilling program focused on three different areas of the property; Esperance, Aurora and Central, to test IP anomalies defined in 2016 and early 2017 along with surface mineralization anomalies found in 2016 and early 2017. Drilling operations were completed using two helicopter-portable drill rigs under contract with G4 Drilling from Val d'Or, Quebec.

In 2018, Orford Mining Corporation completed a 1,211.13 metres drill program in 8 holes, QK-18-001 to QK-18-008, on the Qiqavik Property. The drilling program focused on three different areas of the property; Central, Interlake and Gerfaut South, to test IP and VLF anomalies defined in 2017 and early 2018 along with surface mineralization anomalies found in 2017 and early 2018. Drilling operations were completed using one helicopter-portable drill rigs under contract with G4 Drilling from Val d'Or, Quebec.

In 2019, Orford Mining Corporation completed a 1,367.68 metres drill program in 6 holes, QK-19-001 to QK-19-006, on the Qiqavik Property (Table 7.1). The drilling program focused on three different areas of the property; Interlake, IP Lake Shear Corridor and Focused Intrusive, to test IP anomalies defined in 2018 and early 2019 along with surface mineralization anomalies found in 2018 and early 2019. Drilling operations were completed using one helicopter-portable drill rigs under contract with G4 Drilling from Val d'Or, Quebec.

7.1 Drilling methodology

Drill holes sites were marked in the field with wood pickets at predetermined locations using a differential GPS and the Mazac Smart Aligner Tool. Survey of collar location and azimuth/dip were measured with the use of differential GPS and the Mazac Smart Aligner Tool once the drill hole was completed. Drill core was oriented in order to collect structural information.

Diamond drilling was carried out on a 24-hour basis. Upon completion of each hole, drill sites were inspected to ensure cleanliness and pictures were taken before and after drilling. Drill holes casings were capped and identified. The core was transported by helicopter to Chukotat Camp, where logging and sampling were conducted. Drill core is currently stored at the Chukotat Camp core yard, stacked on pallets.

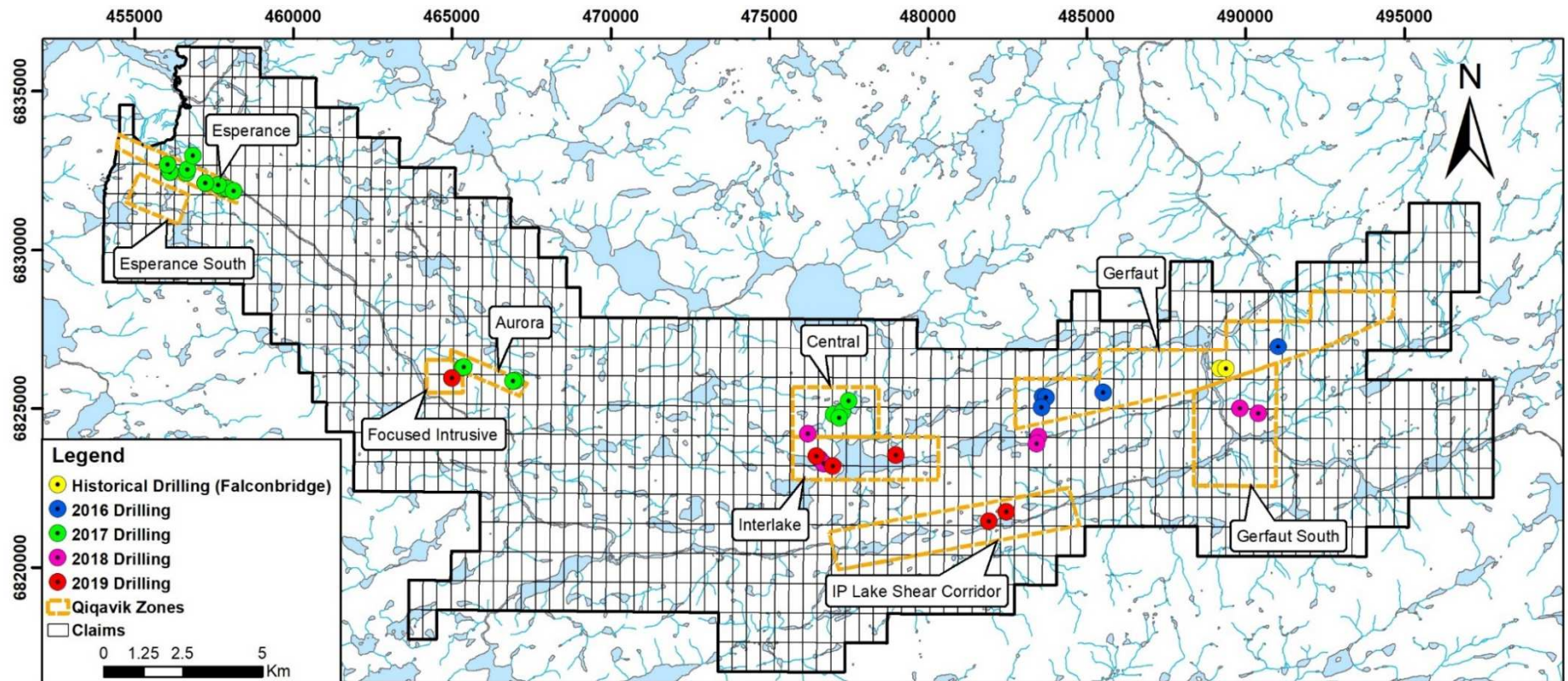
7.2 Logging procedure

Logging procedures were conducted according to usual industry practice. Recorded data included core length, RQD, core box numbering and geological information such as lithology, alteration, structure and mineralization. Data, including sampling intervals, were captured in MX Deposit software. Sampling intervals were defined by lithology and abundance of mineralization with a minimum length of 0.3m and a maximum length of 1.5m. Sampling identification tags were left in the boxes. Pictures of complete core were systematically taken and archived.

Once logging was completed, the core boxes were moved to a core rack sorted by the core boxes number and ultimately moved in the core saw room for sampling.

Table 7.1: Summary of 2019 drilling (coordinates in UTM, NAD 83, zone 18)

Hole Number	Northing (Metres)	Easting (Metres)	Elevation (Metres)	Area	Azimuth (Degrees)	Dip (Degrees)	Depth (Metres)
QK-19-001	6823540.76	479001.017	373.29	Interlake	180	-45.0	111.0
QK-19-002	6821755.12	482468.893	360.432	IP Lake Shear Corridor	168	-45.0	111.0
QK-19-003	6821449.44	481922.841	361.634	IP Lake Shear Corridor	167.1	-46.0	291
QK-19-004	6823185.08	477006.987	378.454	Interlake	1.1	-45.9	285
QK-19-005	6823503.66	476493.157	374.317	Interlake	178.5	-44.4	329.68
QK-19-006	6825964	464998	396.5	Focused Intrusive	20.4	-54.2	240
Total							1367.68


Figure 7.1: Location of drill holes over the Qiqavik property

7.3 Drilling results 2019

The 2019 drilling campaign was undertaken in August during the 2019 exploration program. In total, 1,367.68 metres were drilled on three areas of the Qiqavik property: Interlake, IP Lake Shear Corridor and Focused Intrusive. Cross-sections of each drill holes done by Orford Mining in 2019 are available in the Appendix 3 in 11X17 format. Drill logs of each drill holes and analysis certificates are also available in Appendices 4 and 5.

7.3.1 Interlake

Drilling at the Interlake zone in 2019 (QK-19-001, QK-19-004 and QK-19-005) targeted the shear trend found in 2018 coincident with 2019 IP and VTEM anomalies to the East and to the West of the trend.

Drilling at Interlake successfully intersected the same mineralized unit of drill holes QK-18-002, QK-18-007 and QK-18-008 with various thicknesses in each hole and showed the continuation of the mineralized Interlake Shear to the East and to the West of the trend.

Figure 9.2 shows the localization of the drill holes in the Interlake zone.

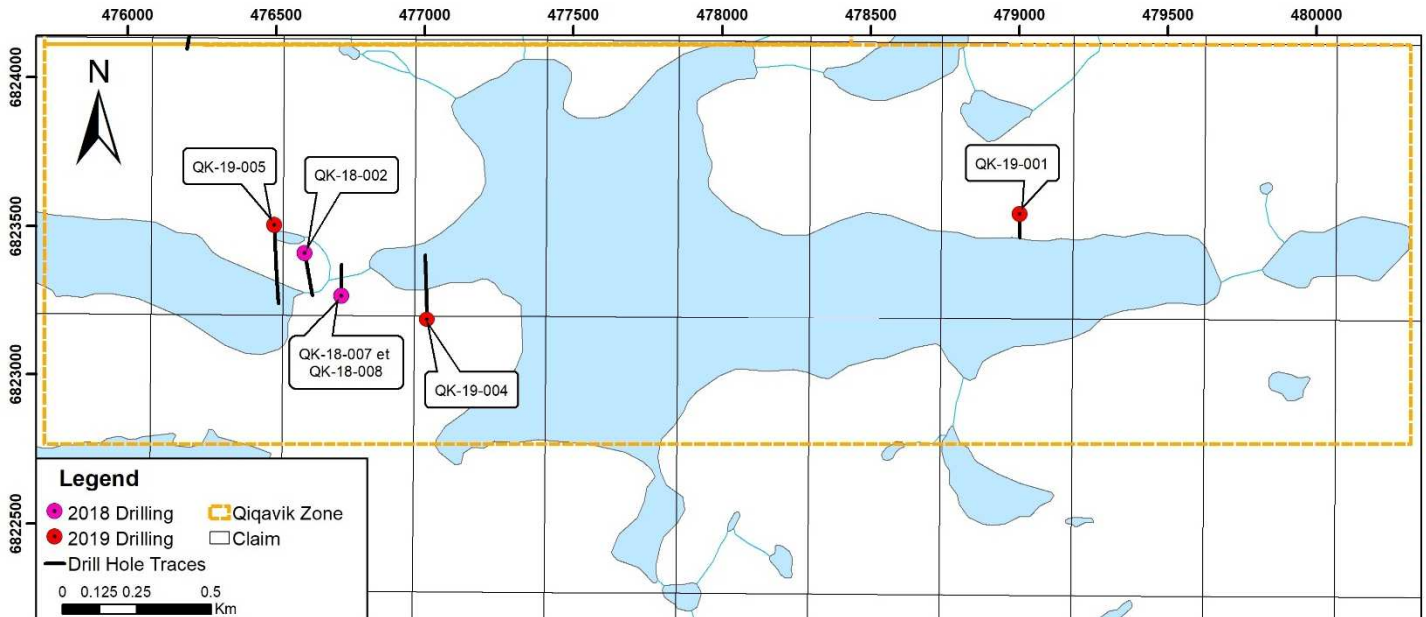


Figure 7.2: Drill holes location in the Interlake zone

7.3.1.1 QK-19-001

Drill Hole QK-19-001 targeted a high chargeability anomaly identified by the 2019 IP survey, approximately 2 km to the east of drill hole QK-18-008, that was also coincident with the Interlake East Showing comprised of a sheared basalt with pyrite, chalcopyrite, malachite and quartz-carbonate veining and a glacial dispersion train of gold in till samples.

QK-19-001 started at 15.37 metres in a weakly to moderately deformed volcanoclastics of andesitic composition with quartz-carbonate alteration up to 84.2 metres with 2-5% pyrite from 45.0 to 68.8 metres. A second mineralized section was intersected from 84.2 m to 95.0 m, intersecting sericitized mafic volcanic with 5-10% pyrite and trace sphalerite and chalcopyrite.

Highlights from this section include 85.0-92.0 m grading 0.59 g/t over 7 metres including 88.0-89.0 m grading 2.45 g/t gold and 91.0 to 92.0 m at 1.20 g/t gold. The hole continued in mafic lapilli tuff up to 111.0 metres.

This hole successfully extended the gold mineralization in the Interlake Structural zone by over 2 km to the east from hole QK-18-002. Figure 7.3 shows the cross-section of QK-19-001.

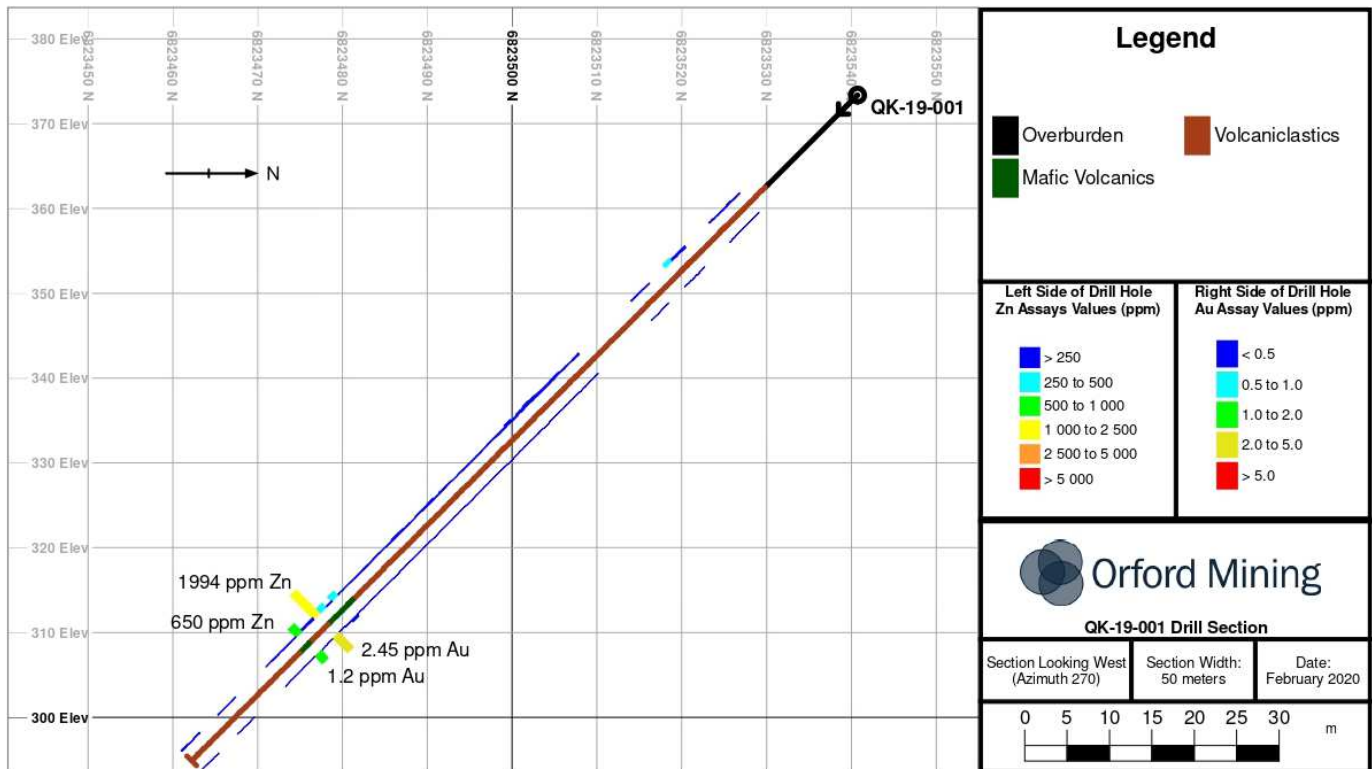


Figure 7.3: Cross-Section of drill hole QK-19-001

7.3.1.2 QK-19-004

Drill hole QK-19-004 targeted the Interlake shear trend and a thick VTEM anomaly coincident with 2 adjacent IP chargeability anomalies within the Interlake structural package. This hole is located 300 metres east of holes QK-18-007/008 and 400 metres east of hole QK-18-002 which intersected thick intervals of gold mineralization (up to 24.6 m grading 0.48 g/t including 1.0 m grading 3.55 g/t Au).

QK-19-004 started at 23.8 metres in a variation of mafic volcanic and volcanoclastics rock up to 158.25 metres. From 158.25 to 207.75 metres, hole QK-19-004 intersected a sulphide mineralized shear zone hosting frequent quartz veins with silica flooding along with up to 40% pyrrhotite with 15-20% pyrite with trace of arsenopyrite and sphalerite including a quartz vein from 198.73 to 200.2 m with 5-10% arsenopyrite and 1% to 10% pyrite-pyrrhotite.

Highlights from this section include: 53 metres at 0.507 g/t from 156.0 to 209 m, including 3 metres at 1.37 g/t Au from 158.0 to 159.0 metres and 5.0 metres at 2.79 g/t Au from 198.0 m to 203 m. QK-19-004 continued in an alternance of mafic volcanic and volcanoclastics rock up to 262.5 metres where an ultramafic volcanic unit was intersected up to 275.0 metres. The hole returned in a mafic volcanoclastic unit up to the end of the hole at 285.0 metres.

QK-19-004 successfully extended the gold mineralization in the Interlake structural zone by 300 metres to the west from hole QK-18-007/008 and successfully targeted the VTEM and IP anomalies. Figure 7.3 shows the cross-section of QK-19-004.

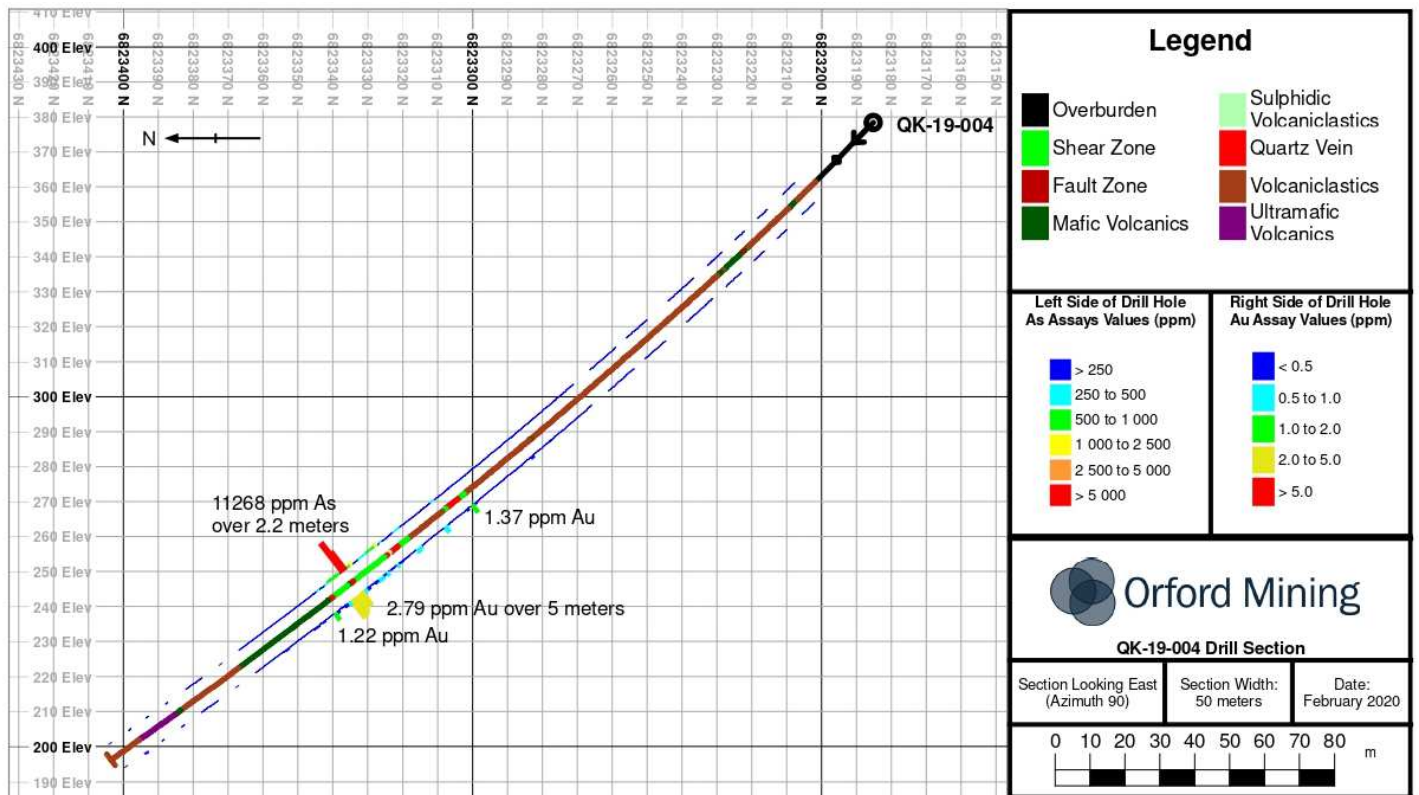


Figure 7.4: Cross-Section of drill hole QK-19-004

7.3.1.3 QK-19-005

QK-19-005 also targeted the Interlake structural trend and a thinner VTEM anomaly with two adjacent chargeability anomalies. It was drilled approximately 100 metres west of hole QK-18-002.

The hole started in an alternance of mafic volcanic and volcanoclastics rock at 6.0 metres up to 278.3 metres with few intervals of ultramafic volcanic from 36.58 to 40.31 metres and from 149.4 to 174 metres. From 278.3 to 296.0 metres, the hole intersected a shear zone with silica flooding and pyrite, pyrrhotite, sphalerite and arsenopyrite mineralization. Assays reported several gold bearing intervals including 3.45 m of 0.59 g/t Au from 281.0 to 284.45 metres including 1 metre of 1.38 g/t Au and 0.7 metres of 1.21 g/t Au from 293.3 to 294.0 metres. This hole ended at 329.68 metres in a mafic volcanoclastic interval.

QK-19-004 successfully targeted the VTEM and IP anomalies and showed the continuity of the Interlake structural zone. Figure 7.4 shows the cross-section of QK-19-005.

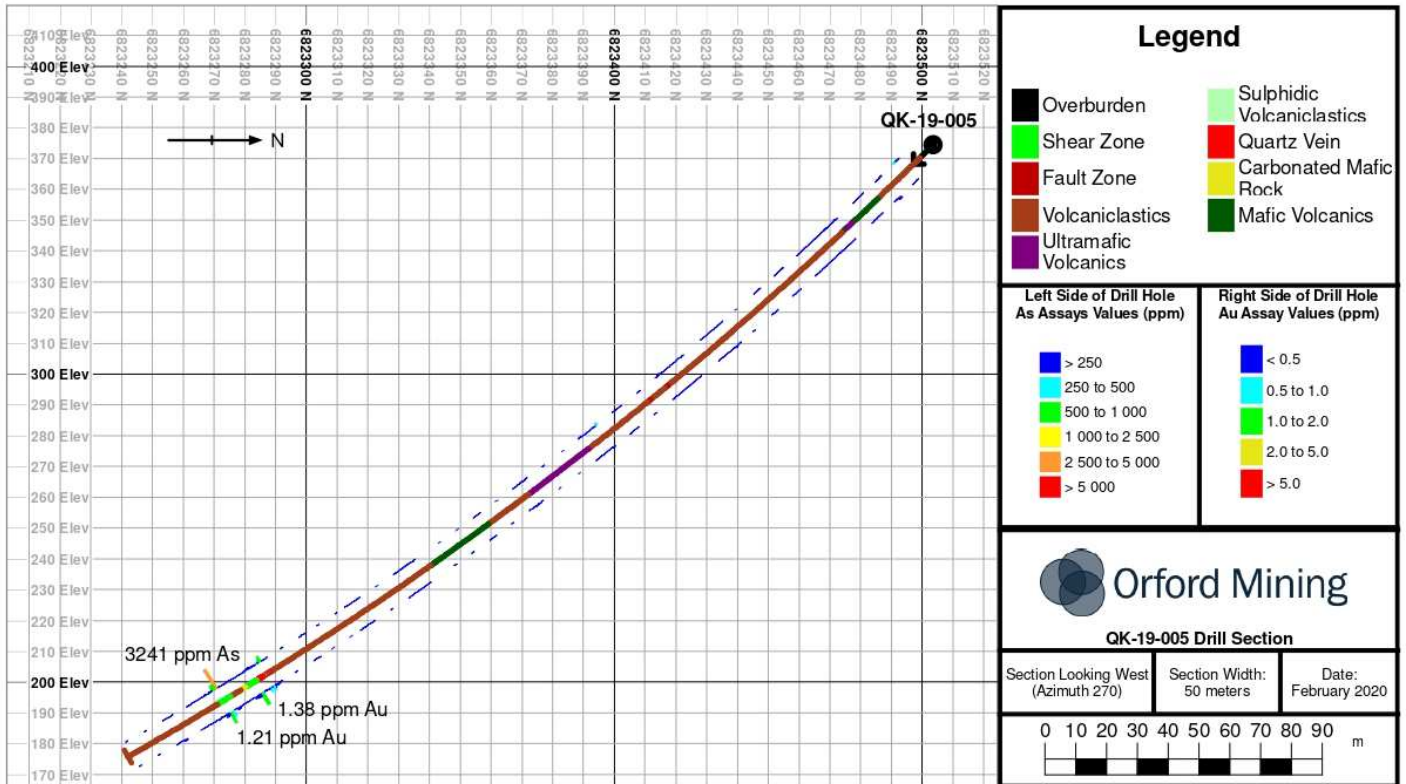


Figure 7.5: Cross-Section of drill hole QK-19-005

7.3.2 IP Lake Shear Corridor

Drilling at the IP Lake Shear Corridor zone in 2019 (QK-19-002 and QK-19-003) targeted the possible source of visible gold boulder trains found in 2018 along a chargeability anomaly found in 2019.

Drilling at IP Lake Shear Corridor did not find the source of the visible gold boulder trains, but gold mineralization was still found in both drill holes along a structural deformation coincident with the IP Lake shear.

Figure 7.6 shows the localization of the drill holes in the IP Lake Shear Corridor zone.

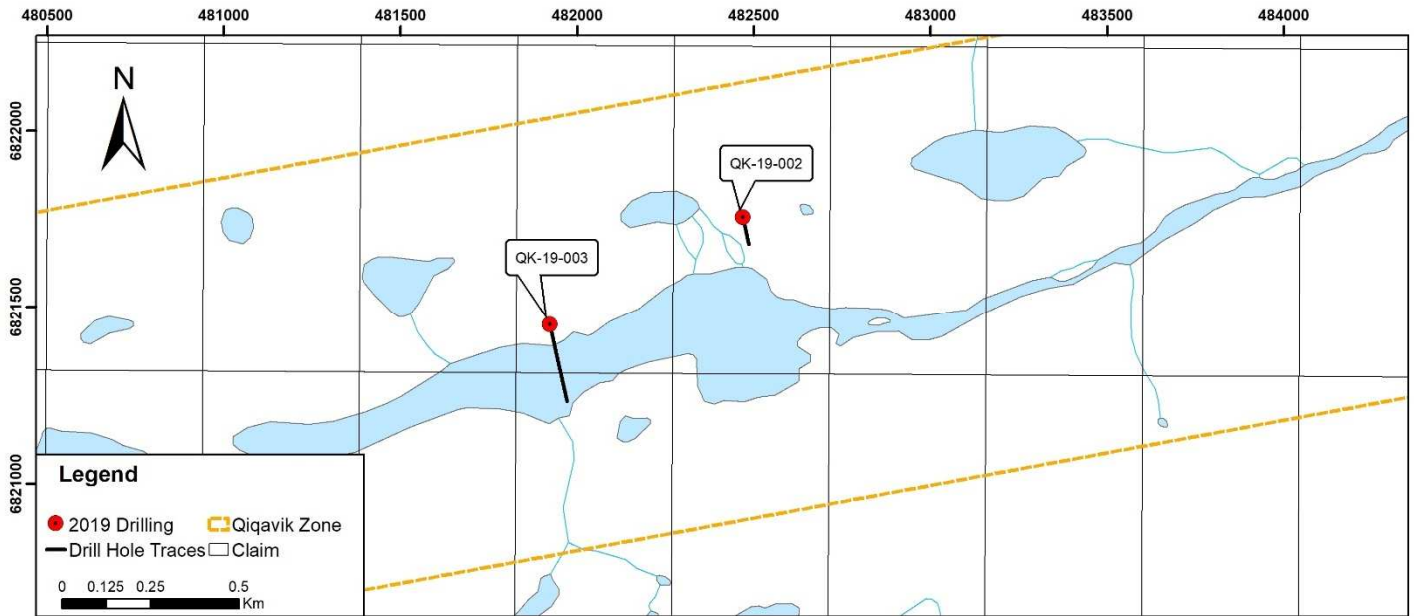


Figure 7.6: Drill holes location in the IP Lake Shear Corridor zone

7.3.2.1 QK-19-002

QK-19-002 targeted the possible source of a visible gold boulder train found in 2018 in the IP Lake Shear chargeability anomaly found in 2019.

The hole started at 15.0 metres in a variance of mafic volcanic and volcanoclastic rocks up to 79.9 metres where QK-19-002 intersected basalts cut by 5-8% quartz-carbonate veins with vuggy pyrite (trace to 5%) up to 92.8 metres. This included a section from 88.0 to 89.9 metres interpreted as a mylonite which was strongly deformed and brecciated with strong carbonization with 5 to 15% pyrite. Assays reported 10 metres at 0.58 g/t (84.0 to 94.0 metres) including 1.4 metres at 3.24 g/t Au from 88.0 to 89.4 metres. This hole ended at 111.0 metres in a basalt unit.

This hole was not long enough to test the potential SW-NE structure observed in the magnetic map and did not find the source of the visible gold boulder train. QK-19-002 still intersected gold mineralization that shows the potential of the IP Lake shear. Figure 7.7 shows the cross-section of QK-19-002.

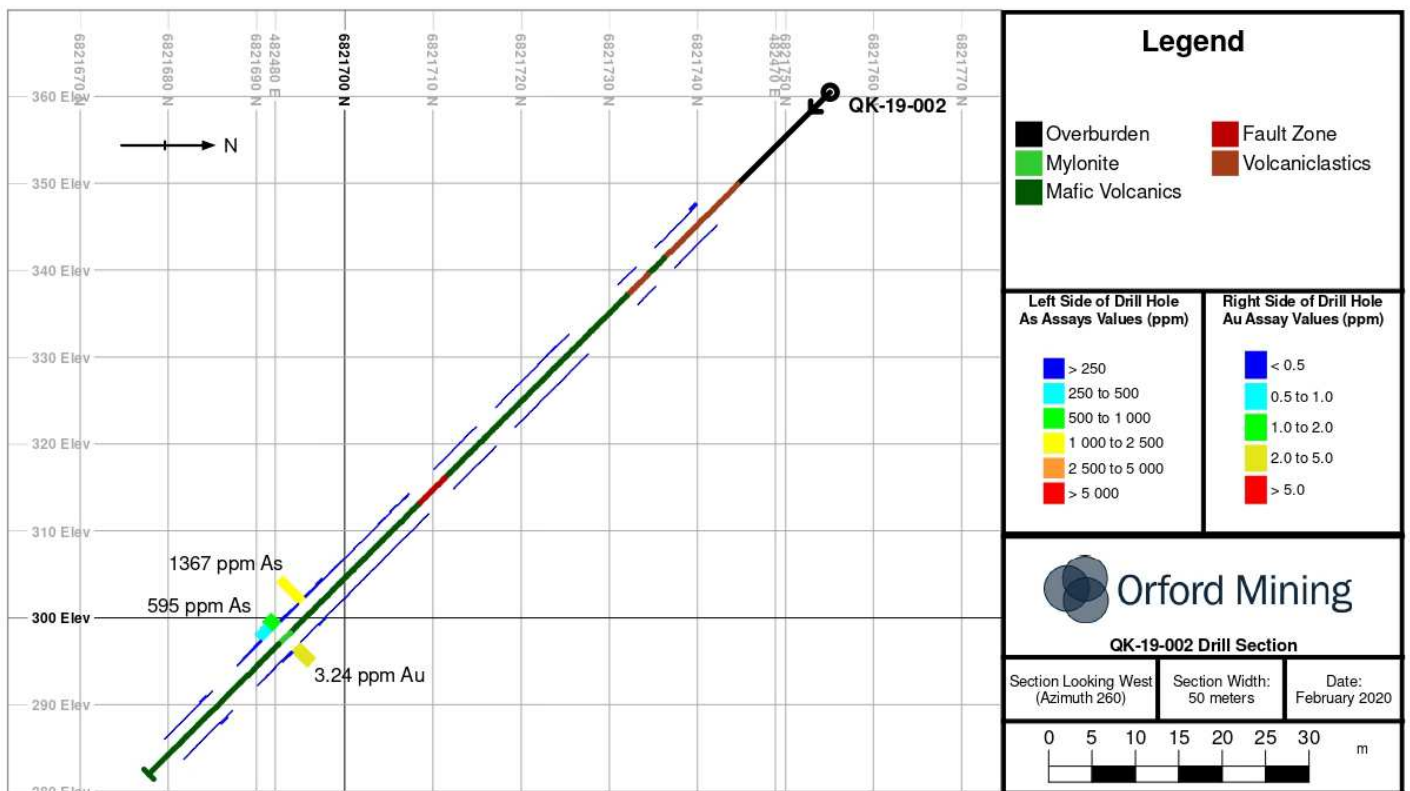


Figure 7.7: Cross-Section of drill hole QK-19-002

7.3.2.2 QK-19-003

QK-19-003 targeted the possible source of a visible gold boulder train in the IP Lake Shear chargeability anomaly 600 metres west of QK-19-002.

The hole started at 12.0 metres in a basalt weekly to moderately foliated with some plagioclase phyrlic intervals up to 217.0 metres. From 217.0 to 278.25 metres, the hole intersected highly foliated and bleached basalts with locally strong sericite and quartz-carbonate alteration and with up to 5% pyrite stringers. This hole ended at 291.0 metres in a basalt unit.

QK-19-003 was not found to be the sources of a visible gold boulder train. However, this hole was slightly anomalous reporting 0.23 g/t over 1.0 metres from 230.0 to 231.0 metres. Figure 7.8 shows the cross-section of QK-19-003.

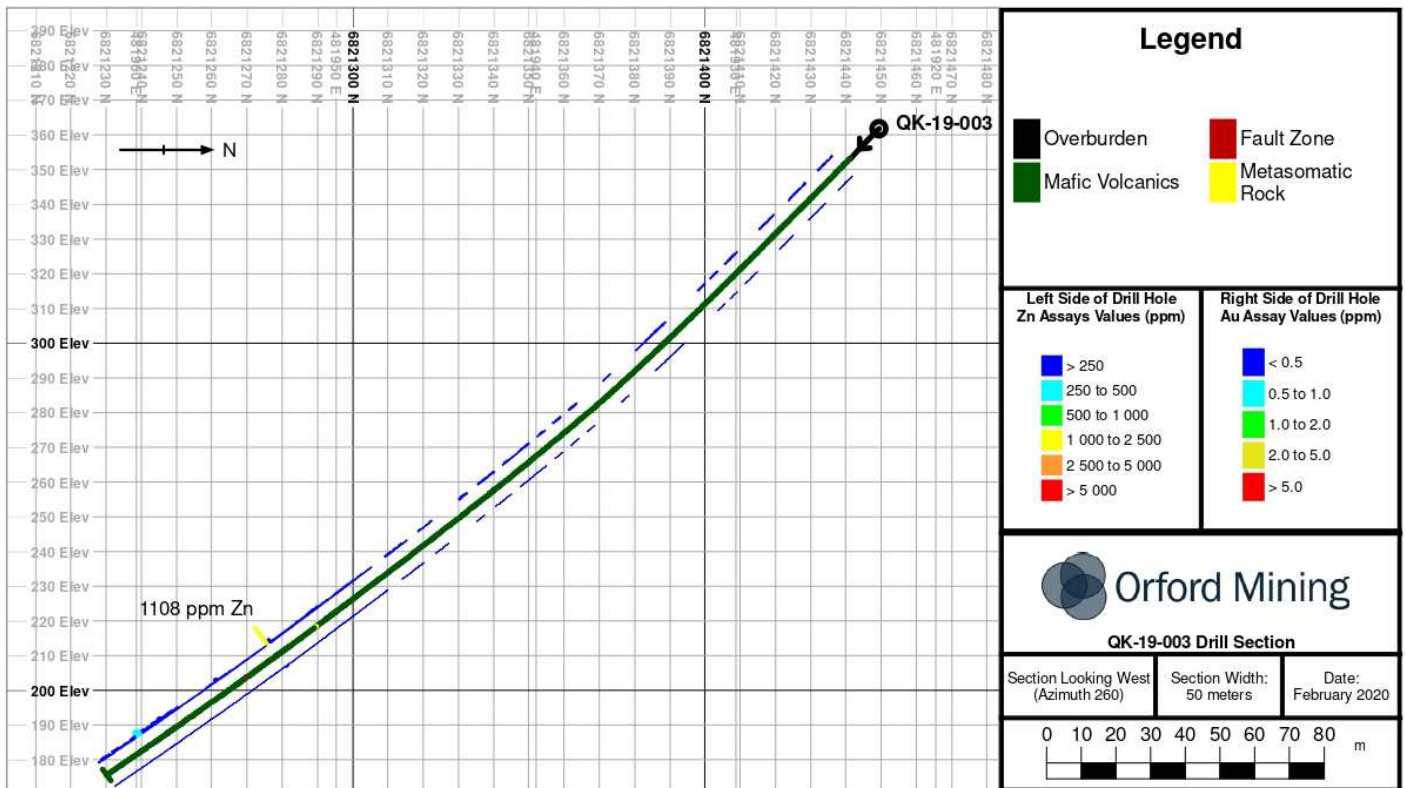


Figure 7.8: Cross-Section of drill hole QK-19-003

7.3.3 Focused Intrusive

Drilling at the Focused Intrusive zone in 2019 (QK-19-006) was a follow-up of the 2016-2018 field work that had identified the Focused Intrusive area to be associated with gold in frost boils (up to 0.81 ppm) and quartz veins (up to 183 g/t) within the granodiorite, observed as local boulders. The Focused intrusive area is coincident with a mag low and topographical depression. The 2017 IP survey in the area showed a chargeability trend going through the intrusive. QK-19-006 tested this chargeability trend in a resistive body.

Drilling at Focused Intrusive successfully discovered gold mineralization in the intrusive body in the form of infrequent mineralized quartz veins.

Figure 7.9 shows the localization of the drill holes in the Focused Intrusive zone.

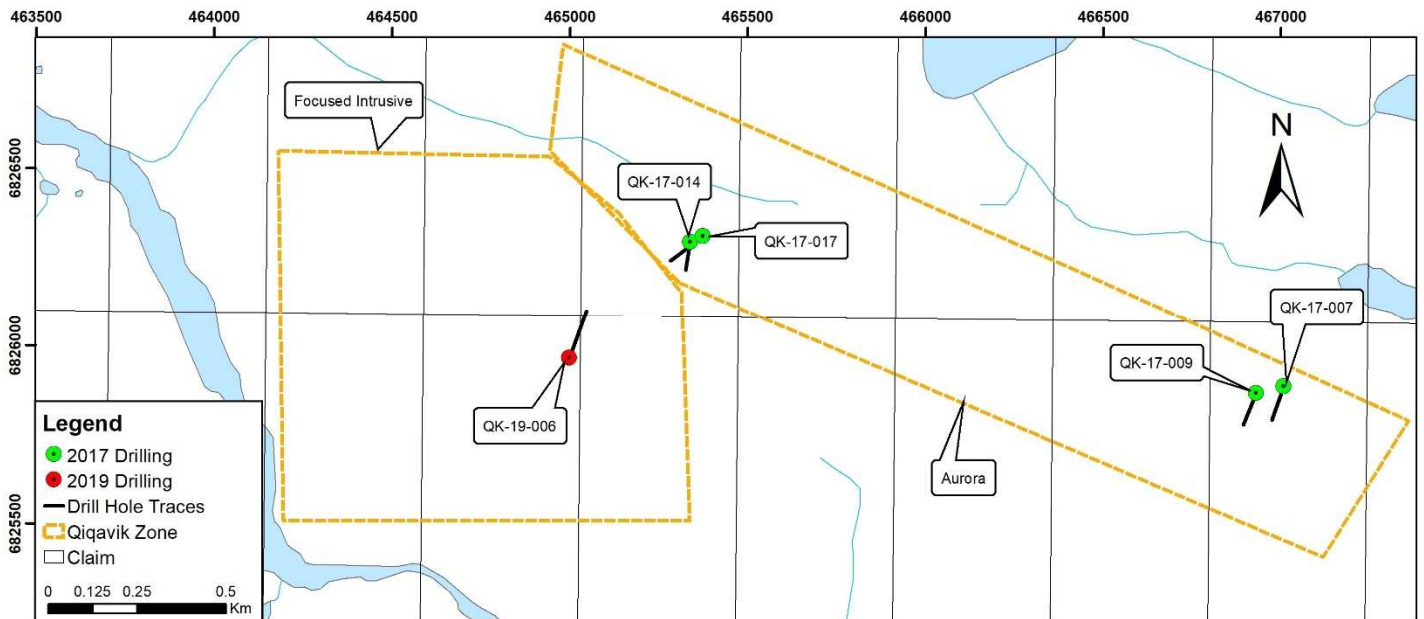


Figure 7.9: Drill holes location in the Focused Intrusive zone

7.3.3.1 QK-19-006

QK-19-006 targeted the multiphase focused Intrusive and local felsic intrusive boulders with reported Au up to 189 g/t associated with a coincident chargeability anomaly in a very resistive body.

The hole intersected an altered and bleached granodiorite from 10.65 metres up to the end of the hole at 240.0 metres. QK-19-006 showed disseminated pyrite and pyrrhotite (0.5 to 1%) and infrequent quartz veins hosting arsenopyrite, sphalerite and molybdenite mineralization in various concentrations. Assays reported gold mineralization through the hole associated with occurrences of quartz veining. From 17.39 to 17.69 metres, assays reported 3.37 g/t Au associated with pyrrhotite and pyrite in a quartz vein. From 41.78 to 42.15 metres, assays reported 2.53 g/t Au associated with sphalerite, pyrrhotite and pyrite mineralization in a quartz vein. From 48.0 to 48.3 metres, assay reported 5.48 g/t Au associated with sphalerite in a quartz vein. From 111.09 to 112 metres, assays reported 2.3 g/t Au associated with a quartz vein with trace of pyrite and pyrrhotite. From 173.42 to 174.0 metres, assays reported 8.57 g/t Au associated with a quartz vein with 1% pyrrhotite.

QK-19-006 successfully found many intervals of gold mineralization associated to infrequent quartz veins with various mineralization of arsenopyrite, pyrite, pyrrhotite and sphalerite. There is also presence of down hole anomalies in molybdenite which may be related to intrusive alteration which is known to concentrate within the top parts of intrusive systems. Figure 7.10 shows the cross-section of QK-19-006.

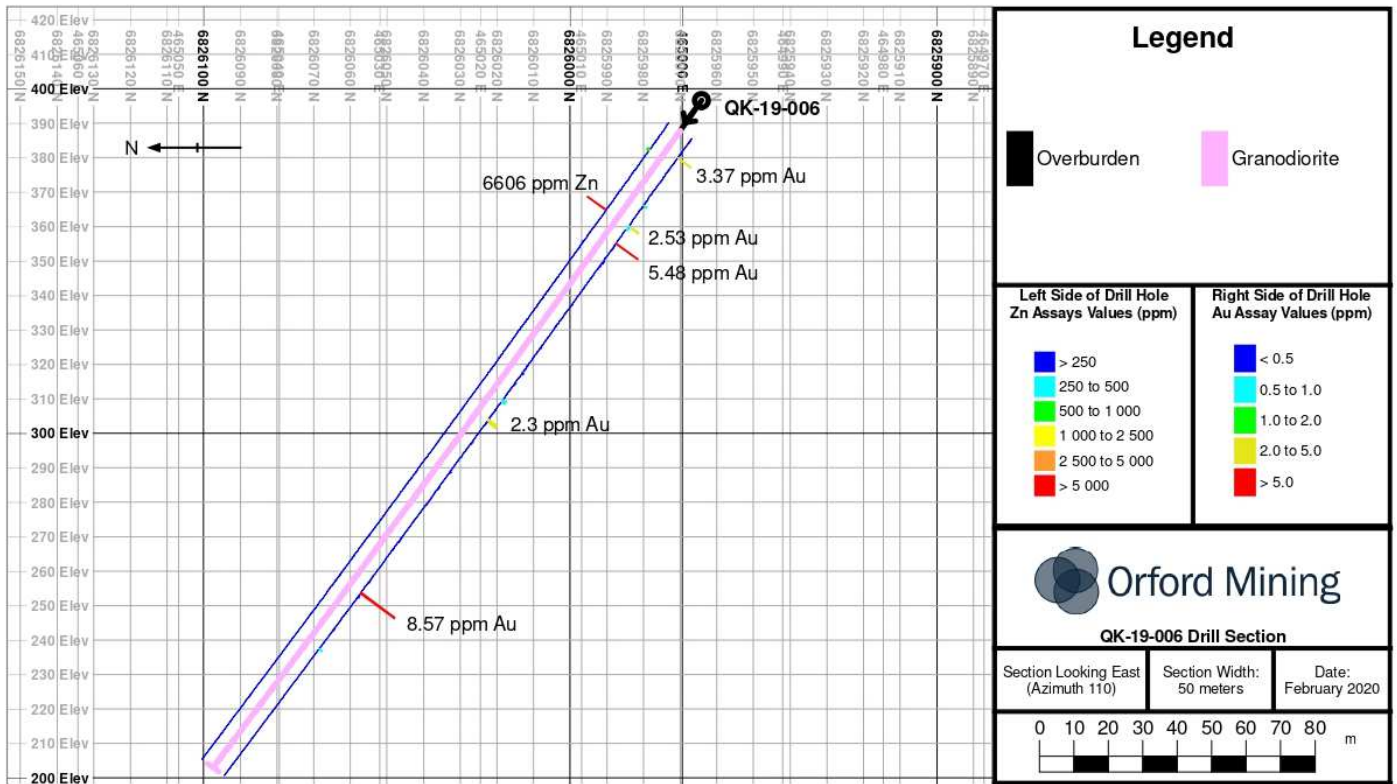


Figure 7.10: Cross-Section of drill hole QK-19-006

8- DATA COLLECTION, SAMPLING, SAMPLE PREPARATION, ANALYSIS AND SECURITY

Four different types of samples were collected by Orford Mining Corporation during the 2019 program: surface rock grab samples, till samples, large till samples and core samples. All lab certificates for chemical analysis can be found in Appendix 5.

- Grab samples consisted of pieces of rocks collected with hammers from outcrops or boulders in the field.
- Till samples consist of approximately 500 grams of till material collected from frost boils, which is a common feature in permafrost terrain.
- Large till samples consisted of approximately 10 kg of till material specifically for gold grains analysis.
- Core samples consist of half core of NQ size core cut on-site using a core saw.

The sampling methodologies, chain of custody and analytical methods used by Orford Mining Corporation were the same of previous years to ensure consistency of the results.

8.1 Data collection

Exploration data collected by Orford Mining Corporation for the drilling and field programs were incorporated into MX Deposit database which is a web database managed on a cloud server by Minalytx. Core logging was recorded electronically on site into the web interface of MX Deposit. Data collected in the field by the mapping geologists, which include mapping stations, surface rock samples and till samples, were recorded electronically on site with a tablet using the program GFSNav. This application allows the user to record geotagged information interactively with ArcGIS using a tablet equipped with internal GPS. Data collected in the field are exported into ArcGIS database and validated every evening. They were then exported into CSV files and imported into MX Deposit. This software includes a series of validation tools to prevent entry errors.

8.2 Sampling and chain of custody

Surface rock grab samples were collected by the mapping crews, broken from outcrops or boulders with a sledgehammer. Pieces were placed into a plastic bag with a unique sample tag and the other piece was retained as witness stored at the camp. Most samples were selectively collected on mineralization, so they cannot be considered as representative of any significant volume of rock.

Till samples were collected by the mapping crews along traverses. Till samples were collected from frost-boils, which are a structure created where clay-rich tills are pushed up to the surface by cryoturbation (frost heave) and are thus considered as representative of basal till. Samples were taken with a plastic shovel and put in plastic bags with a unique sample tag. Large till samples were collected the same way but was specifically selected based on a grid for a better distribution of the gold grain analysis.

Drill core was cut in half with a core saw along sampling marks defined by the geologist. Half of the core was placed in a sample bag and the other retained in the core box as a witness. A laboratory tag, with a unique sample ID, was placed in each bag before sealing, as well as tacked in the core box. The sample ID was also marked on the bag with ink marker and sample information recorded into the database.

In preparation for shipment, sample bags were placed in woven polypropylene bags, marked with the list of content and shipping number and photographed for records. No seal was applied. Shipments were flown by chartered aircraft from Camp Chukotat to Rouyn-Noranda. Logistics contractor (Outland) secured the sample shipments in a storage area at the airport before being delivered by ground transportation to SGS Minerals preparation facility in Val-d'Or, Quebec. A pulp fraction of all the samples was afterward sent to SGS Minerals facility in Lakefield, Ontario for the gold and multi-element analysis. Till samples were sent to SGS Minerals preparation facility in Val-d'Or, Quebec where they were then transported to Burnaby, British-Columbia for preparation and analysis. The samples were recorded in SGS Minerals management system and Orford Mining notified of arrival through an email. Large Till samples were sent directly to IOS Services

Geoscientifique in Chicoutimi, Quebec where they were analyzed for the gold grains count. A pulp fraction of the samples was then sent to SGS Minerals facility in Val-d'Or, Quebec where they were transported to SGS Minerals facility in Burnaby, British-Columbia.

8.3 Analytical methods

Sample preparation for core and grab samples were completed at SGS Minerals preparation facility in Val-d'Or, Quebec using the conventional preparation method G_PRP89. The samples were recorded in a tracking system, weighted, dried if needed and crushed at 75% passing 2 mm. A fraction of 250 g is then pulverized at 85% passing 75 microns. A fraction of the pulp was then shipped to SGS Minerals facility in Lakefield, Ontario to be analyzed for gold by lead oxide collection fire assay with an atomic absorption finish on a 50 g nominal weight (SGS Minerals method GE_FAA515) and with a gravimetric finish on a 50 g nominal weight (SGS Minerals method GE_FAG505) when the previous value was above the limit of detection. The samples were then analyzed on 33 elements for multi-elements with a 4-acid digestion method with an ICP-OES finish (SGS Minerals method GE_ICP40B). Elements where the value was assayed above the detection limit was analyzed with a peroxide fusion method with an ICP-OES finish (SGS Minerals method GE_ICP90A).

Till samples were prepared at SGS Minerals facility in Burnaby, British-Columbia, where they were logged in a tracking system, dried at <60°C and sieved at 180 microns (80 mesh) (SGS Minerals method G_PRP104).

In the case of the large till samples, the samples were prepared at IOS Services Geoscientifiques in Chicoutimi, Quebec for the gold grain analysis using the same preparation specifications of the normal till samples for consistency. Pulps of the large till samples were then sent to SGS Minerals facility in Burnaby, British-Columbia for assays. Gold analyses were made by lead oxide collection fire assay with an ICP-AES finish on 30 g nominal sample weight (SGS Minerals method GE_FAI313). The other 49 elements were measured by ICP-AES/ICP-MS spectrometric method after near-total 4-acid digestion (SGS Minerals method GE_ICM40B).

8.4 Quality assurance and quality control

Both preparation and geochemical analysis of Orford Mining samples were completed at SGS Minerals facilities. The quality management system of SGS Minerals is accredited by the Standard Council of Canada (SCC). In addition, all Canadian laboratories of SGS Minerals are accredited by the ISO and International Electrotechnical Commission ("IEC") 17025.

In order to monitor the analytical quality provided by SGS Minerals, Orford Mining implemented an internal QAQC program. This QAQC program consisted in the insertion of different certified reference materials (CRMs), blanks and field duplicates at the ratio of 1:10 (10%) for the core samples and 1:20 (5%) for the surface rock samples and till samples.

The commercial certified reference materials used by Orford Mining for the core samples and surface rock samples were OREAS 521, OREAS 523, OREAS 60d, OREAS 61e, OREAS 624, OREAS 62e and OREAS 701, while the ones used for till samples were OREAS25a, OREAS 45d, OREAS 45f and OREAS 905. These certified reference materials were chosen to conform with the lithology and mineralization expected on the Qiqavik property. All certified values and performance gates for these certified reference materials are available on the Ore & Research Exploration Pty Ltd website (<http://www.oreas.com/>).

The internal blank material used comes from a sand pit in the area of the Dumont project in Amos, Quebec, owned by Magneto Investments LP. The same material was used by Magneto Investments LP between 2007 and 2016 and was analyzed over 3,694 samples and showed 95% of results lower than 0.01 g/t Au. For the Large Till samples, a Bico Blank was provided by IOS Services Geoscientifiques and inserted in the samples series prior to sending it for assays. Core duplicates consist of a quarter core of the given sample interval, and surface rock and till duplicates were selected from field samples with enough material to be duplicated.

Analyses with less than 3 standard deviations (SD) away from the certified value were considered as acceptable. Blank material analyses with less than 0.02 ppm Au were considered as acceptable.

Table 8.1 summarizes the QAQC review for the certified and blank reference material listed by standards and elements of the 2019 exploration program. In total, 37 standards, 33 blanks and 34 duplicates were inserted for the core sampling program. For the grab sampling program, 16 standards, 15 blanks and 10 duplicates were inserted. For the till program, including the large till geochemical analysis, 11 standards, 8 blanks and 4 duplicates were inserted. Analytical results complied with the quality control for the Gold analysis with the method GE_FAA515 and GE_FAI313 with an average of 5% failure and for the multi-element analysis with the method GE_ICP90A with 0% failure and the method GE_ICM40B with 3% of failure. Analytical results of quality control showed inconsistency with the certified values of the reference material for the elements Co and Pb with the method GE_ICP40B for the core and grab samples. All other elements for GE_ICP40B were considered acceptable.

Analytical results of the quality control on the element Co showed a failure rate of 66% for the core samples and a failure rate of 89% for the grab samples. Since cobalt is not an element of interest in the Qiqavik project, that there were no significant values of cobalt in the core samples (highest value of 79 ppm) and that there were only ten grab samples over 602 samples higher than 100 ppm, Orford Mining Corp. decided to accept the assay results for the element cobalt.

Analytical results of the quality control on the element Co showed a failure rate of 66% for the core samples and a failure rate of 33% for the grab samples. Since lead is not an element of interest in the Qiqavik project, that there was only one significant value of lead in the core samples (3036 ppm) and that there were only eight grab samples over 602 samples higher than 1000 pm, Orford Mining Corp. decided to accept the assay results for the element lead.

8.5 Laboratory Test for Method Comparison

Prior to the 2019 exploration campaign, a subset of 15 grab samples and a subset of 15 till samples were send to SGS Minerals at Lakefield, Ontario to compare the dataset with the ALS Minerals analysis done in 2017. This project was to ensure that both methods give reproducible results so that they can be used in the same dataset for the Qiqavik project.

The grab samples were analyzed by SGS Minerals with the method GE_ICP40B and compared to the method ME-ICP61a of ALS Minerals and the till samples were analyzed by SGS Minerals with the method GE_ICM40B and compared to the method ME-MS61 of ALS Minerals. Assay results showed no discrepancy between the assay results of SGS Minerals and ALS Minerals and proved that both results can be used in the same dataset for the Qiqavik Project.

After that project, SGS Minerals was selected as the laboratory for the analytical assays for the 2019 exploration program. Assay certificate for the laboratory test for method comparison are available in Appendix 5.

Table 8.1: Summary of QAQC review of 2019 analytical results (in brackets are failures)

Sample Type	Standard	Au (FAA515)	Ag (ICP40B)	As (ICP40B)	Co (ICP40B)	Cu (ICP40B)	Cu (IPC90A)	Pb (ICP40B)	Zn (ICP40B)	Zn (IPC90A)
CORE	OREAS 521	11 (0)		11 (0)	11 (7)	11 (0)				
	OREAS 523	1 (0)		1 (0)	1 (1)		1 (0)			
	OREAS 60d	7 (0)								
	OREAS 61e	2 (0)	2 (0)							
	OREAS 624	3 (1)	3 (0)	3 (0)	3 (2)		3 (0)	3 (2)		3 (0)
	OREAS 62e	1 (0)	1 (0)							
	OREAS 701	12 (0)				12 (3)			12 (1)	
	Total Std	37 (1)	6 (0)	15 (0)	15 (10)	23 (3)	4 (0)	3 (2)	12 (1)	3 (0)
	Total Blank	33 (0)	33 (0)	33 (0)	33 (0)	33 (0)		33 (0)	33 (0)	
GRAB	OREAS 521	4 (0)		4 (0)	4 (4)	4 (0)				
	OREAS 523	2 (0)		2 (0)	2 (2)		2 (0)			
	OREAS 60d	2 (0)								
	OREAS 61e	1 (0)	1 (0)							
	OREAS 624	3 (2)	3 (0)	3 (0)	3 (2)		2 (0)	3 (1)		2 (0)
	OREAS 62e	1 (0)	1 (0)							
	OREAS 701	3 (0)				3 (1)			3 (1)	
	Total Std	16 (2)	4 (0)	9 (0)	9 (8)	7 (1)	4 (0)	3 (1)	3 (1)	2 (0)
	Total Blank	15 (0)	15 (0)	15 (0)	15 (0)	15 (0)		15 (0)	15 (0)	
Sample Type	Standard	Au (FAI313)	Ag (ICM40B)	As (ICM40B)	Be (ICM40B)	Bi (ICM40B)	Cu (ICM40B)	Pb (ICM40B)	Sb (ICM40B)	Zn (ICM40B)
TILL AND LARGE TILL	OREAS 25a				5 (0)	5 (0)	5 (0)	5 (1)	5 (1)	5 (0)
	OREAS 45d	2 (0)		2 (0)	2 (0)	2 (0)	2 (0)	2 (0)	2 (0)	2 (0)
	OREAS 45f	3 (0)		3 (0)	3 (0)	3 (0)	3 (0)	3 (0)	3 (0)	3 (0)
	OREAS 905	1 (0)	1 (0)	1 (0)	1 (0)	1 (0)	1 (0)	1 (0)	1 (0)	1 (0)
	Total Std	6 (0)	1 (0)	6 (0)	11 (0)	11 (0)	11 (0)	11 (1)	11 (1)	11 (0)
	Total Blank	8 (0)	8 (0)	8 (0)			8 (0)	8 (0)		8 (0)

9- INTERPRETATION AND CONCLUSION

The Qiqavik property is an early stage gold exploration project and only limited work has been completed to date on the property. Field programs from 2015 to 2019 total approximately 5 months of ground work which has led to the discovery of 12 mineralized (high grade gold +/- copper) showings with various other potential target occurrences which require more work. While there is no shortage of targets on the Qiqavik property, the focus of any near-term programs should be around the IP Lake Shear due to size and high-grade boulder trains and till counts.

Summary

Based on field observations and petrographic study, more than one specific genetic deposit model could be involved to characterize the different mineralized zones. Additional studies are required to better understand the mineralization setting. With the current understanding of the property, the orogenic gold and metamorphosed gold-bearing polymetallic epithermal deposit are possible applicable models.

The Qiqavik property is located in a remote and isolated area of Northern Quebec. Logistics and weather conditions in this area remain a significant challenge. However, the two active mines and the intensive exploration work completed by several companies in the last decades, including the exploration programs completed by Orford Mining Corporation in the area since 2015, confirm that these challenges are manageable.

Based on the work completed to date and the results leading to the identification of new high-grade gold mineralized zones along a 40 kilometres trend and on the fact that the Qiqavik property is under-explored, further exploration work is warranted.

10- RECOMMENDATIONS

Significant mineralization has been recently discovered on the property, but an understanding of the geological and mineralization setting remains limited.

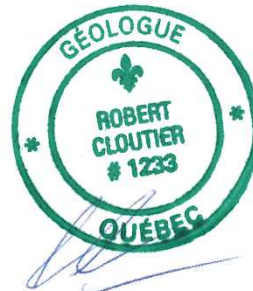
The main goal of future work should be ground exploration to complete the mapping / sampling coverage of the property. Focus should be maintained on finding new mineralized areas, extend the known mineralized zones, and develop geochemical and geophysical targets for a drill program.

Future work should include:

- 1 Mapping the SW-NE cross Structures along the IPLS (as currently defined)
- 2 Till sampling on the south side of the IPLS (as currently defined) all the way up to the Bergeron Fault
- 3 Explore west of the IPLS, targeting the sedimentary unit which may include conglomerates.
- 4 Till sampling on new claims of South Gerfaut (IPLS continuation eastwards) to look for the source of the Gerfaut VG boulders
- 5 Till sampling along The Gerfaut North Trend and the western end of Interlake
- 6 Ground Dipole-Dipole IP Survey:
 - Over prospective areas of the IPLS
- 7 C) Drilling
 - On Generated targets around the IPLS

11- SIGNATURES

Robert Cloutier



8 décembre 2020

Robert Cloutier, géo
Membre OGQ #1233

Arnaud Fontaine

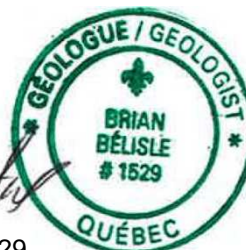


8 décembre 2020

Arnaud Fontaine, géo
Membre OGQ #1698

Brian Bélisle

Révision scientifique



8 décembre 2020

Brian Bélisle, géo
Membre OGQ #1529

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12- CERTIFICATE OF QUALIFICATION

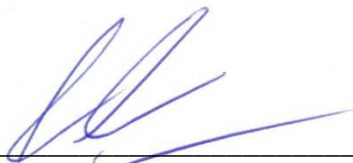
CERTIFICAT DE QUALIFICATION

Robert Cloutier

Je suis un citoyen canadien, résidant au 81 rue Germain, Amos, Québec, J9T 4J4, Canada, certifié par la présente que :

1. Je suis gradué de l'Université de Montréal en 1986 avec le diplôme de bachelier (BSc) en Géologie.
2. Je pratique ma profession depuis 1986 en exploration et production minière avec une interruption de 7 ans entre 2000 et 2007.
3. Je suis membre en règle de l'Ordre des Géologues du Québec (OGQ) depuis 2008, sous le numéro de membre 1233.
4. Je travaille, à temps plein, pour la société Magneto Investments LP depuis 2007 à titre de géologue puis de géologue sénior opérations.
5. Je reçois d'Orford, à titre incitatif, des options d'achat d'actions de la compagnie Orford Mining.
6. Je travaille sur le projet Qiqavik depuis 2016, j'ai visité la propriété et j'ai examiné la roche et la carotte de forage du projet Qiqavik.
7. Je suis coauteur du rapport intitulé « 2019 Exploration Program Qiqavik Property » et j'assume les responsabilités de tous les aspects géologiques de ce rapport.
8. J'ai supervisé le travail des professionnels de Magneto Investments LP qui ont travaillé à la compilation, l'interprétation et la rédaction de ce rapport.
9. Le contenu de ce rapport est fondé sur mon expérience personnelle, sur une étude des rapports de travaux et des cartes disponibles et résume fidèlement les travaux effectués. Cette étude est valable dans les limites de mes qualifications et de mon expérience professionnelle.
10. Je consens à l'utilisation de mon nom en regard de ce rapport.

EN FOI DE QUOI, je signe à Amos, ce 8 décembre 2020.



Robert Cloutier, géo
Géologue Sénior Opérations
Magneto Investments LP

CERTIFICAT DE QUALIFICATION

Brian Bélisle

Je soussigné, Brian Bélisle, géo, domicilié au 52, rue Crépeau, Amos, Québec, Canada, J9T 3L7, certifie par la présente que :

1. Je suis diplômé de l'Université de Québec à Montréal et détiens un Baccalauréat en Sciences de la Terre et de l'Atmosphère (2010) en concentration Géologie.
2. Je pratique ma profession dans le domaine de la géologie et de l'exploration minérale au Canada depuis 2011.
3. Je suis membre de l'Ordre des Géologues du Québec depuis 2011, sous le numéro de membre 1529.
4. Je travaille pour la compagnie Magneto Investments LP, 42 rue Trudel, Amos, Québec, Canada, J9T 4N1, depuis 2011 à titre de Géologue.
5. Je travaille sur le projet Qiqavik depuis 2016, j'ai visité la propriété et j'ai examiné la roche et la carotte de forage du projet Qiqavik.
6. Je suis coauteur du rapport intitulé « 2019 Exploration Program Qiqavik Property », et j'assume les responsabilités de tous les aspects géologiques de ce rapport.
7. Ce rapport est fondé sur mon expérience personnelle, sur des rapports de travaux et sur des cartes disponibles.
8. En autant que je le sache, il n'y a aucun fait substantiel ou changement significatif en ce qui concerne le sujet du rapport qui ne serait pas reflété dans le rapport mentionné.
9. Je consens à l'utilisation de mon nom en regard de ce rapport.

EN FOI DE QUOI, je signe à Amos, ce 8 décembre 2020.



Brian Bélisle, géo
Géologue d'exploration – Projet Dumont
Magneto Investments LP

CERTIFICAT DE QUALIFICATION

Arnaud Fontaine

Je soussigné, Arnaud Fontaine, géo, domicilié au 541, 7^e Avenue Ouest, Amos, Québec, Canada, J9T 1N4, certifie par la présente que :

1. Je suis diplômé de l'Université de Québec à Montréal et détiens un Baccalauréat en Sciences de la Terre et de l'Atmosphère (2012) en concentration Géologie.
2. Je pratique ma profession dans le domaine de la géologie et de l'exploration minérale au Canada depuis 2012.
3. Je suis membre de l'Ordre des Géologues du Québec depuis 2012, sous le numéro de membre 1608.
4. Je travaille pour la compagnie Magneto Investments LP, 42 rue Trudel, Amos, Québec, Canada, J9T 4N1, depuis 2012 à titre de Géologue Stagiaire, puis comme géologue depuis 2017.
5. Je travaille sur le projet Qiqavik depuis 2016, j'ai visité la propriété et j'ai examiné la roche et la carotte de forage du projet Qiqavik.
6. Je suis coauteur du rapport intitulé « 2019 Exploration Program Qiqavik Property », et j'assume les responsabilités de tous les aspects géologiques de ce rapport.
7. Ce rapport est fondé sur mon expérience personnelle de la région, sur des rapports de travaux et sur des cartes disponibles ainsi que sur des travaux que j'y ai effectués.
8. En autant que je le sache, il n'y a aucun fait substantiel ou changement significatif en ce qui concerne le sujet du rapport qui ne serait pas reflété dans le rapport mentionné.
9. Je consens à l'utilisation de mon nom en regard de ce rapport.

EN FOI DE QUOI, je signe à Amos, ce 8 décembre 2020.



Arnaud Fontaine, géo,
Géologue d'exploration – Projet Dumont
Magneto Investments LP

Appendix 1 - 1

Qiqavik Property – List of claims 100% owned by Orford Mining Corporation (97184)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
1	2429154	35G11	41.09	Active	2015-06-15	2022-06-14
2	2429155	35G11	41.09	Active	2015-06-15	2022-06-14
3	2429156	35G11	41.09	Active	2015-06-15	2022-06-14
4	2429157	35G11	41.09	Active	2015-06-15	2022-06-14
5	2429158	35G11	41.09	Active	2015-06-15	2022-06-14
6	2435149	35G11	41.12	Active	2015-12-10	2022-12-09
7	2435150	35G11	41.12	Active	2015-12-10	2022-12-09
8	2435151	35G11	41.12	Active	2015-12-10	2022-12-09
9	2435152	35G11	41.12	Active	2015-12-10	2022-12-09
10	2435153	35G11	41.12	Active	2015-12-10	2022-12-09
11	2435154	35G11	41.12	Active	2015-12-10	2022-12-09
12	2435155	35G11	41.12	Active	2015-12-10	2022-12-09
13	2435156	35G11	41.12	Active	2015-12-10	2022-12-09
14	2435157	35G11	41.12	Active	2015-12-10	2022-12-09
15	2435158	35G11	41.12	Active	2015-12-10	2022-12-09
16	2435159	35G11	41.12	Active	2015-12-10	2022-12-09
17	2435160	35G11	41.11	Active	2015-12-10	2022-12-09
18	2435161	35G11	41.11	Active	2015-12-10	2022-12-09
19	2435162	35G11	41.11	Active	2015-12-10	2022-12-09
20	2435163	35G11	41.11	Active	2015-12-10	2022-12-09
21	2435164	35G11	41.11	Active	2015-12-10	2022-12-09
22	2435165	35G11	41.11	Active	2015-12-10	2022-12-09
23	2435166	35G11	41.11	Active	2015-12-10	2022-12-09
24	2435167	35G11	41.11	Active	2015-12-10	2022-12-09
25	2435168	35G11	41.11	Active	2015-12-10	2022-12-09
26	2435169	35G11	41.11	Active	2015-12-10	2022-12-09
27	2435170	35G11	41.11	Active	2015-12-10	2022-12-09
28	2435171	35G11	41.10	Active	2015-12-10	2022-12-09
29	2435172	35G11	41.10	Active	2015-12-10	2022-12-09
30	2435173	35G11	41.10	Active	2015-12-10	2022-12-09
31	2435174	35G11	41.10	Active	2015-12-10	2022-12-09
32	2435175	35G11	41.10	Active	2015-12-10	2022-12-09
33	2435176	35G11	41.10	Active	2015-12-10	2022-12-09
34	2435177	35G11	41.10	Active	2015-12-10	2022-12-09
35	2435178	35G11	41.10	Active	2015-12-10	2022-12-09
36	2435179	35G11	41.10	Active	2015-12-10	2022-12-09
37	2435180	35G11	41.10	Active	2015-12-10	2022-12-09
38	2435181	35G11	41.10	Active	2015-12-10	2022-12-09
39	2435182	35G11	41.09	Active	2015-12-10	2022-12-09
40	2435183	35G11	41.09	Active	2015-12-10	2022-12-09
41	2435184	35G11	41.09	Active	2015-12-10	2022-12-09
42	2435185	35G11	41.09	Active	2015-12-10	2022-12-09
43	2435186	35G11	41.09	Active	2015-12-10	2022-12-09
44	2439305	35G11	41.14	Active	2016-04-07	2023-04-06
45	2439306	35G11	41.14	Active	2016-04-07	2023-04-06
46	2439307	35G11	41.14	Active	2016-04-07	2023-04-06
47	2439308	35G11	41.14	Active	2016-04-07	2023-04-06
48	2439309	35G11	41.14	Active	2016-04-07	2023-04-06
49	2439310	35G11	41.14	Active	2016-04-07	2023-04-06
50	2439311	35G11	41.14	Active	2016-04-07	2023-04-06
51	2439312	35G11	41.14	Active	2016-04-07	2023-04-06
52	2439313	35G11	41.14	Active	2016-04-07	2023-04-06
53	2439314	35G11	41.14	Active	2016-04-07	2023-04-06
54	2439315	35G11	41.14	Active	2016-04-07	2023-04-06
55	2439316	35G11	41.13	Active	2016-04-07	2023-04-06
56	2439317	35G11	41.13	Active	2016-04-07	2023-04-06
57	2439318	35G11	41.13	Active	2016-04-07	2023-04-06

Appendix 1 - 1

Qiqavik Property – List of claims 100% owned by Orford Mining Corporation (97184)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
58	2439319	35G11	41.13	Active	2016-04-07	2023-04-06
59	2439320	35G11	41.13	Active	2016-04-07	2023-04-06
60	2439321	35G11	41.13	Active	2016-04-07	2023-04-06
61	2439322	35G11	41.13	Active	2016-04-07	2023-04-06
62	2439323	35G11	41.13	Active	2016-04-07	2023-04-06
63	2439324	35G11	41.13	Active	2016-04-07	2023-04-06
64	2439325	35G11	41.13	Active	2016-04-07	2023-04-06
65	2439326	35G11	41.13	Active	2016-04-07	2023-04-06
66	2439327	35G11	41.13	Active	2016-04-07	2023-04-06
67	2439328	35G11	41.13	Active	2016-04-07	2023-04-06
68	2439329	35G11	41.13	Active	2016-04-07	2023-04-06
69	2439330	35G11	41.13	Active	2016-04-07	2023-04-06
70	2439331	35G11	41.13	Active	2016-04-07	2023-04-06
71	2439332	35G11	41.13	Active	2016-04-07	2023-04-06
72	2439333	35G11	41.13	Active	2016-04-07	2023-04-06
73	2439334	35G11	41.13	Active	2016-04-07	2023-04-06
74	2439335	35G11	41.13	Active	2016-04-07	2023-04-06
75	2439336	35G11	41.12	Active	2016-04-07	2023-04-06
76	2439337	35G11	41.12	Active	2016-04-07	2023-04-06
77	2439338	35G11	41.12	Active	2016-04-07	2023-04-06
78	2439339	35G11	41.12	Active	2016-04-07	2023-04-06
79	2439340	35G11	41.12	Active	2016-04-07	2023-04-06
80	2439341	35G11	41.12	Active	2016-04-07	2023-04-06
81	2439342	35G11	41.12	Active	2016-04-07	2023-04-06
82	2439343	35G11	41.12	Active	2016-04-07	2023-04-06
83	2439344	35G11	41.12	Active	2016-04-07	2023-04-06
84	2439345	35G11	41.12	Active	2016-04-07	2023-04-06
85	2439346	35G11	41.12	Active	2016-04-07	2023-04-06
86	2439347	35G11	41.12	Active	2016-04-07	2023-04-06
87	2439348	35G11	41.12	Active	2016-04-07	2023-04-06
88	2439349	35G11	41.12	Active	2016-04-07	2023-04-06
89	2439350	35G11	41.12	Active	2016-04-07	2023-04-06
90	2439351	35G11	41.12	Active	2016-04-07	2023-04-06
91	2439352	35G11	41.12	Active	2016-04-07	2023-04-06
92	2439353	35G11	41.12	Active	2016-04-07	2023-04-06
93	2439354	35G11	41.12	Active	2016-04-07	2023-04-06
94	2439355	35G11	41.12	Active	2016-04-07	2023-04-06
95	2439356	35G11	41.11	Active	2016-04-07	2023-04-06
96	2439357	35G11	41.11	Active	2016-04-07	2023-04-06
97	2439358	35G11	41.11	Active	2016-04-07	2023-04-06
98	2439359	35G11	41.11	Active	2016-04-07	2023-04-06
99	2439360	35G11	41.11	Active	2016-04-07	2023-04-06
100	2439361	35G11	41.11	Active	2016-04-07	2023-04-06
101	2439362	35G11	41.11	Active	2016-04-07	2023-04-06
102	2439363	35G11	41.11	Active	2016-04-07	2023-04-06
103	2439364	35G11	41.11	Active	2016-04-07	2023-04-06
104	2439365	35G11	41.11	Active	2016-04-07	2023-04-06
105	2439366	35G11	41.11	Active	2016-04-07	2023-04-06
106	2439367	35G11	41.11	Active	2016-04-07	2023-04-06
107	2439368	35G11	41.11	Active	2016-04-07	2023-04-06
108	2439369	35G11	41.11	Active	2016-04-07	2023-04-06
109	2439370	35G11	41.11	Active	2016-04-07	2023-04-06
110	2439371	35G11	41.11	Active	2016-04-07	2023-04-06
111	2439372	35G11	41.10	Active	2016-04-07	2023-04-06
112	2439373	35G11	41.10	Active	2016-04-07	2023-04-06
113	2439374	35G11	41.10	Active	2016-04-07	2023-04-06
114	2439375	35G11	41.10	Active	2016-04-07	2023-04-06

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
115	2439376	35G11	41.10	Active	2016-04-07	2023-04-06
116	2439377	35G11	41.10	Active	2016-04-07	2023-04-06
117	2439378	35G11	41.10	Active	2016-04-07	2023-04-06
118	2441899	35G11	41.09	Active	2016-04-19	2023-04-18
119	2441900	35G11	41.09	Active	2016-04-19	2023-04-18
120	2441901	35G11	41.09	Active	2016-04-19	2023-04-18
121	2441902	35G11	41.09	Active	2016-04-19	2023-04-18
122	2441903	35G11	41.09	Active	2016-04-19	2023-04-18
123	2441904	35G11	41.09	Active	2016-04-19	2023-04-18
124	2441905	35G11	41.09	Active	2016-04-19	2023-04-18
125	2441906	35G11	41.09	Active	2016-04-19	2023-04-18
126	2441907	35G11	41.09	Active	2016-04-19	2023-04-18
127	2441908	35G11	41.08	Active	2016-04-19	2023-04-18
128	2441909	35G11	41.08	Active	2016-04-19	2023-04-18
129	2441910	35G11	41.08	Active	2016-04-19	2023-04-18
130	2441911	35G11	41.08	Active	2016-04-19	2023-04-18
131	2441912	35G11	41.08	Active	2016-04-19	2023-04-18
132	2441913	35G11	41.08	Active	2016-04-19	2023-04-18
133	2441914	35G12	41.12	Active	2016-04-19	2023-04-18
134	2441915	35G12	41.12	Active	2016-04-19	2023-04-18
135	2441916	35G12	41.12	Active	2016-04-19	2023-04-18
136	2441917	35G12	41.11	Active	2016-04-19	2023-04-18
137	2441918	35G12	41.11	Active	2016-04-19	2023-04-18
138	2441919	35G12	41.11	Active	2016-04-19	2023-04-18
139	2441920	35G12	41.10	Active	2016-04-19	2023-04-18
140	2441921	35G12	41.10	Active	2016-04-19	2023-04-18
141	2441922	35G12	41.10	Active	2016-04-19	2023-04-18
142	2441923	35G12	41.09	Active	2016-04-19	2023-04-18
143	2441924	35G12	41.09	Active	2016-04-19	2023-04-18
144	2441925	35G12	41.09	Active	2016-04-19	2023-04-18
145	2441926	35G12	41.08	Active	2016-04-19	2023-04-18
146	2441927	35G12	41.08	Active	2016-04-19	2023-04-18
147	2441928	35G12	41.08	Active	2016-04-19	2023-04-18
148	2441929	35G12	41.12	Active	2016-04-19	2023-04-18
149	2441930	35G12	41.12	Active	2016-04-19	2023-04-18
150	2441931	35G12	41.12	Active	2016-04-19	2023-04-18
151	2441932	35G12	41.12	Active	2016-04-19	2023-04-18
152	2441933	35G12	41.11	Active	2016-04-19	2023-04-18
153	2441934	35G12	41.11	Active	2016-04-19	2023-04-18
154	2441935	35G12	41.11	Active	2016-04-19	2023-04-18
155	2441936	35G12	41.11	Active	2016-04-19	2023-04-18
156	2441937	35G12	41.10	Active	2016-04-19	2023-04-18
157	2441938	35G12	41.10	Active	2016-04-19	2023-04-18
158	2441939	35G12	41.10	Active	2016-04-19	2023-04-18
159	2441940	35G12	41.10	Active	2016-04-19	2023-04-18
160	2441941	35G12	41.09	Active	2016-04-19	2023-04-18
161	2441942	35G12	41.09	Active	2016-04-19	2023-04-18
162	2441943	35G12	41.09	Active	2016-04-19	2023-04-18
163	2441944	35G12	41.08	Active	2016-04-19	2023-04-18
164	2441945	35G12	41.08	Active	2016-04-19	2023-04-18
165	2441946	35G12	41.08	Active	2016-04-19	2023-04-18
166	2441947	35G11	41.08	Active	2016-04-19	2023-04-18
167	2441948	35G11	41.08	Active	2016-04-19	2023-04-18
168	2441949	35G11	41.08	Active	2016-04-19	2023-04-18
169	2442083	35G12	41.12	Active	2016-04-19	2023-04-18
170	2442084	35G12	41.12	Active	2016-04-19	2023-04-18
171	2442085	35G12	41.12	Active	2016-04-19	2023-04-18

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
172	2442086	35G12	41.12	Active	2016-04-19	2023-04-18
173	2442087	35G12	41.12	Active	2016-04-19	2023-04-18
174	2442088	35G12	41.12	Active	2016-04-19	2023-04-18
175	2442089	35G12	41.12	Active	2016-04-19	2023-04-18
176	2442090	35G12	41.12	Active	2016-04-19	2023-04-18
177	2442091	35G12	41.12	Active	2016-04-19	2023-04-18
178	2442092	35G12	41.12	Active	2016-04-19	2023-04-18
179	2442093	35G12	41.12	Active	2016-04-19	2023-04-18
180	2442094	35G12	41.12	Active	2016-04-19	2023-04-18
181	2442095	35G12	41.12	Active	2016-04-19	2023-04-18
182	2442096	35G12	41.12	Active	2016-04-19	2023-04-18
183	2442097	35G12	41.12	Active	2016-04-19	2023-04-18
184	2442098	35G12	41.11	Active	2016-04-19	2023-04-18
185	2442099	35G12	41.11	Active	2016-04-19	2023-04-18
186	2442100	35G12	41.11	Active	2016-04-19	2023-04-18
187	2442101	35G12	41.11	Active	2016-04-19	2023-04-18
188	2442102	35G12	41.11	Active	2016-04-19	2023-04-18
189	2442103	35G12	41.11	Active	2016-04-19	2023-04-18
190	2442104	35G12	41.11	Active	2016-04-19	2023-04-18
191	2442105	35G12	41.11	Active	2016-04-19	2023-04-18
192	2442106	35G12	41.11	Active	2016-04-19	2023-04-18
193	2442107	35G12	41.11	Active	2016-04-19	2023-04-18
194	2442108	35G12	41.11	Active	2016-04-19	2023-04-18
195	2442109	35G12	41.11	Active	2016-04-19	2023-04-18
196	2442110	35G12	41.11	Active	2016-04-19	2023-04-18
197	2442111	35G12	41.11	Active	2016-04-19	2023-04-18
198	2442112	35G12	41.11	Active	2016-04-19	2023-04-18
199	2442113	35G12	41.11	Active	2016-04-19	2023-04-18
200	2442114	35G12	41.10	Active	2016-04-19	2023-04-18
201	2442115	35G12	41.10	Active	2016-04-19	2023-04-18
202	2442116	35G12	41.10	Active	2016-04-19	2023-04-18
203	2442117	35G12	41.10	Active	2016-04-19	2023-04-18
204	2442118	35G12	41.10	Active	2016-04-19	2023-04-18
205	2442119	35G12	41.10	Active	2016-04-19	2023-04-18
206	2442120	35G12	41.10	Active	2016-04-19	2023-04-18
207	2442121	35G12	41.10	Active	2016-04-19	2023-04-18
208	2442122	35G12	41.10	Active	2016-04-19	2023-04-18
209	2442123	35G12	41.10	Active	2016-04-19	2023-04-18
210	2442124	35G12	41.10	Active	2016-04-19	2023-04-18
211	2442125	35G12	41.09	Active	2016-04-19	2023-04-18
212	2442126	35G12	41.09	Active	2016-04-19	2023-04-18
213	2442127	35G12	41.09	Active	2016-04-19	2023-04-18
214	2442128	35G12	41.09	Active	2016-04-19	2023-04-18
215	2442129	35G12	41.09	Active	2016-04-19	2023-04-18
216	2442130	35G12	41.09	Active	2016-04-19	2023-04-18
217	2442131	35G12	41.09	Active	2016-04-19	2023-04-18
218	2442132	35G12	41.09	Active	2016-04-19	2023-04-18
219	2442133	35G12	41.09	Active	2016-04-19	2023-04-18
220	2442134	35G12	41.09	Active	2016-04-19	2023-04-18
221	2442135	35G12	41.09	Active	2016-04-19	2023-04-18
222	2442136	35G12	41.09	Active	2016-04-19	2023-04-18
223	2442137	35G12	41.08	Active	2016-04-19	2023-04-18
224	2442138	35G12	41.08	Active	2016-04-19	2023-04-18
225	2442139	35G12	41.08	Active	2016-04-19	2023-04-18
226	2442140	35G12	41.08	Active	2016-04-19	2023-04-18
227	2442141	35G12	41.08	Active	2016-04-19	2023-04-18
228	2442142	35G12	41.08	Active	2016-04-19	2023-04-18

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
229	2442143	35G12	41.08	Active	2016-04-19	2023-04-18
230	2442144	35G12	41.08	Active	2016-04-19	2023-04-18
231	2442145	35G12	41.08	Active	2016-04-19	2023-04-18
232	2442146	35G12	41.08	Active	2016-04-19	2023-04-18
233	2442147	35G12	41.08	Active	2016-04-19	2023-04-18
234	2442148	35G12	41.07	Active	2016-04-19	2023-04-18
235	2442149	35G12	41.07	Active	2016-04-19	2023-04-18
236	2442150	35G12	41.07	Active	2016-04-19	2023-04-18
237	2442151	35G12	41.07	Active	2016-04-19	2023-04-18
238	2442152	35G12	41.07	Active	2016-04-19	2023-04-18
239	2442153	35G12	41.07	Active	2016-04-19	2023-04-18
240	2442154	35G12	41.05	Active	2016-04-19	2023-04-18
241	2442155	35G12	41.05	Active	2016-04-19	2023-04-18
242	2442156	35G12	41.05	Active	2016-04-19	2023-04-18
243	2442157	35G12	41.05	Active	2016-04-19	2023-04-18
244	2442158	35G12	41.05	Active	2016-04-19	2023-04-18
245	2442159	35G12	41.05	Active	2016-04-19	2023-04-18
246	2442160	35G12	41.05	Active	2016-04-19	2023-04-18
247	2442161	35G12	41.04	Active	2016-04-19	2023-04-18
248	2442162	35G12	41.04	Active	2016-04-19	2023-04-18
249	2442163	35G12	41.04	Active	2016-04-19	2023-04-18
250	2442164	35G12	41.04	Active	2016-04-19	2023-04-18
251	2442165	35G12	41.04	Active	2016-04-19	2023-04-18
252	2442166	35G12	41.04	Active	2016-04-19	2023-04-18
253	2442167	35G12	41.04	Active	2016-04-19	2023-04-18
254	2442168	35G12	41.04	Active	2016-04-19	2023-04-18
255	2442169	35G12	41.03	Active	2016-04-19	2023-04-18
256	2442170	35G12	41.03	Active	2016-04-19	2023-04-18
257	2442171	35G12	41.03	Active	2016-04-19	2023-04-18
258	2442172	35G12	41.03	Active	2016-04-19	2023-04-18
259	2442173	35G12	41.03	Active	2016-04-19	2023-04-18
260	2442174	35G12	41.03	Active	2016-04-19	2023-04-18
261	2442175	35G12	41.03	Active	2016-04-19	2023-04-18
262	2442176	35G12	41.03	Active	2016-04-19	2023-04-18
263	2442177	35G12	41.02	Active	2016-04-19	2023-04-18
264	2442178	35G12	41.02	Active	2016-04-19	2023-04-18
265	2442179	35G12	41.02	Active	2016-04-19	2023-04-18
266	2442180	35G12	41.02	Active	2016-04-19	2023-04-18
267	2442181	35G12	41.02	Active	2016-04-19	2023-04-18
268	2442182	35G12	41.03	Active	2016-04-19	2023-04-18
269	2442183	35G12	41.02	Active	2016-04-19	2023-04-18
270	2442184	35G12	41.02	Active	2016-04-19	2023-04-18
271	2442185	35G12	41.01	Active	2016-04-19	2023-04-18
272	2442186	35G12	41.01	Active	2016-04-19	2023-04-18
273	2442187	35G12	41.01	Active	2016-04-19	2023-04-18
274	2442188	35G12	41.01	Active	2016-04-19	2023-04-18
275	2442189	35G12	41.10	Active	2016-04-19	2023-04-18
276	2442190	35G12	41.10	Active	2016-04-19	2023-04-18
277	2442191	35G12	41.10	Active	2016-04-19	2023-04-18
278	2442192	35G12	41.10	Active	2016-04-19	2023-04-18
279	2442193	35G12	41.10	Active	2016-04-19	2023-04-18
280	2442194	35G12	41.10	Active	2016-04-19	2023-04-18
281	2442195	35G12	41.09	Active	2016-04-19	2023-04-18
282	2442196	35G12	41.09	Active	2016-04-19	2023-04-18
283	2442197	35G12	41.09	Active	2016-04-19	2023-04-18
284	2442198	35G12	41.09	Active	2016-04-19	2023-04-18
285	2442199	35G12	41.09	Active	2016-04-19	2023-04-18

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
286	2442200	35G12	41.09	Active	2016-04-19	2023-04-18
287	2442201	35G12	41.09	Active	2016-04-19	2023-04-18
288	2442202	35G12	41.08	Active	2016-04-19	2023-04-18
289	2442203	35G12	41.08	Active	2016-04-19	2023-04-18
290	2442204	35G12	41.08	Active	2016-04-19	2023-04-18
291	2442205	35G12	41.08	Active	2016-04-19	2023-04-18
292	2442206	35G12	41.08	Active	2016-04-19	2023-04-18
293	2442207	35G12	41.08	Active	2016-04-19	2023-04-18
294	2442208	35G12	41.08	Active	2016-04-19	2023-04-18
295	2442209	35G12	41.08	Active	2016-04-19	2023-04-18
296	2442210	35G12	41.08	Active	2016-04-19	2023-04-18
297	2442211	35G12	41.07	Active	2016-04-19	2023-04-18
298	2442212	35G12	41.07	Active	2016-04-19	2023-04-18
299	2442213	35G12	41.07	Active	2016-04-19	2023-04-18
300	2442214	35G12	41.07	Active	2016-04-19	2023-04-18
301	2442215	35G12	41.07	Active	2016-04-19	2023-04-18
302	2442216	35G12	41.07	Active	2016-04-19	2023-04-18
303	2442217	35G12	41.07	Active	2016-04-19	2023-04-18
304	2442218	35G12	41.07	Active	2016-04-19	2023-04-18
305	2442219	35G12	41.07	Active	2016-04-19	2023-04-18
306	2442220	35G12	41.07	Active	2016-04-19	2023-04-18
307	2442221	35G12	41.07	Active	2016-04-19	2023-04-18
308	2442222	35G12	41.05	Active	2016-04-19	2023-04-18
309	2442223	35G12	41.05	Active	2016-04-19	2023-04-18
310	2442224	35G12	41.05	Active	2016-04-19	2023-04-18
311	2442225	35G12	41.05	Active	2016-04-19	2023-04-18
312	2442226	35G12	41.05	Active	2016-04-19	2023-04-18
313	2442227	35G12	41.05	Active	2016-04-19	2023-04-18
314	2442228	35G12	41.05	Active	2016-04-19	2023-04-18
315	2442229	35G12	41.05	Active	2016-04-19	2023-04-18
316	2442230	35G12	41.05	Active	2016-04-19	2023-04-18
317	2442231	35G12	41.05	Active	2016-04-19	2023-04-18
318	2442232	35G12	41.05	Active	2016-04-19	2023-04-18
319	2442233	35G12	41.04	Active	2016-04-19	2023-04-18
320	2442234	35G12	41.04	Active	2016-04-19	2023-04-18
321	2442235	35G12	41.04	Active	2016-04-19	2023-04-18
322	2442236	35G12	41.04	Active	2016-04-19	2023-04-18
323	2442237	35G12	41.04	Active	2016-04-19	2023-04-18
324	2442238	35G12	41.04	Active	2016-04-19	2023-04-18
325	2442239	35G12	41.04	Active	2016-04-19	2023-04-18
326	2442240	35G12	41.03	Active	2016-04-19	2023-04-18
327	2442241	35G12	41.03	Active	2016-04-19	2023-04-18
328	2442242	35G12	41.03	Active	2016-04-19	2023-04-18
329	2442243	35G12	41.03	Active	2016-04-19	2023-04-18
330	2442244	35G12	41.02	Active	2016-04-19	2023-04-18
331	2442245	35G12	41.02	Active	2016-04-19	2023-04-18
332	2442246	35G12	41.02	Active	2016-04-19	2023-04-18
333	2442247	35G12	41.02	Active	2016-04-19	2023-04-18
334	2442248	35G12	41.02	Active	2016-04-19	2023-04-18
335	2442249	35G12	41.01	Active	2016-04-19	2023-04-18
336	2442250	35G12	41.01	Active	2016-04-19	2023-04-18
337	2442251	35G12	41.01	Active	2016-04-19	2023-04-18
338	2442252	35G12	41.01	Active	2016-04-19	2023-04-18
339	2442253	35G12	41.01	Active	2016-04-19	2023-04-18
340	2457077	35G11	41.08	Active	2016-08-11	2021-08-10
341	2457078	35G11	41.08	Active	2016-08-11	2021-08-10
342	2457079	35G11	41.08	Active	2016-08-11	2021-08-10

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
343	2457080	35G11	41.08	Active	2016-08-11	2021-08-10
344	2457081	35G11	41.08	Active	2016-08-11	2021-08-10
345	2457082	35G12	41.12	Active	2016-08-11	2021-08-10
346	2457083	35G12	41.12	Active	2016-08-11	2021-08-10
347	2457084	35G12	41.12	Active	2016-08-11	2021-08-10
348	2457085	35G12	41.12	Active	2016-08-11	2021-08-10
349	2457086	35G12	41.11	Active	2016-08-11	2021-08-10
350	2457087	35G12	41.11	Active	2016-08-11	2021-08-10
351	2457088	35G12	41.11	Active	2016-08-11	2021-08-10
352	2457089	35G12	41.11	Active	2016-08-11	2021-08-10
353	2457090	35G12	41.11	Active	2016-08-11	2021-08-10
354	2457091	35G12	41.10	Active	2016-08-11	2021-08-10
355	2457092	35G12	41.10	Active	2016-08-11	2021-08-10
356	2457093	35G12	41.10	Active	2016-08-11	2021-08-10
357	2457094	35G12	41.10	Active	2016-08-11	2021-08-10
358	2457095	35G12	41.10	Active	2016-08-11	2021-08-10
359	2457096	35G12	41.09	Active	2016-08-11	2021-08-10
360	2457097	35G12	41.09	Active	2016-08-11	2021-08-10
361	2457098	35G12	41.09	Active	2016-08-11	2021-08-10
362	2457099	35G12	41.09	Active	2016-08-11	2021-08-10
363	2457100	35G12	41.08	Active	2016-08-11	2021-08-10
364	2457101	35G12	41.08	Active	2016-08-11	2021-08-10
365	2457102	35G12	41.08	Active	2016-08-11	2021-08-10
366	2457103	35G12	41.08	Active	2016-08-11	2021-08-10
367	2457104	35G12	41.08	Active	2016-08-11	2021-08-10
368	2457105	35G12	41.07	Active	2016-08-11	2021-08-10
369	2457106	35G12	41.07	Active	2016-08-11	2021-08-10
370	2457107	35G12	41.07	Active	2016-08-11	2021-08-10
371	2457108	35G12	41.07	Active	2016-08-11	2021-08-10
372	2457109	35G12	41.07	Active	2016-08-11	2021-08-10
373	2457110	35G12	41.07	Active	2016-08-11	2021-08-10
374	2457111	35G12	41.06	Active	2016-08-11	2021-08-10
375	2457112	35G12	41.06	Active	2016-08-11	2021-08-10
376	2457113	35G12	41.06	Active	2016-08-11	2021-08-10
377	2457114	35G12	41.06	Active	2016-08-11	2021-08-10
378	2457115	35G12	41.05	Active	2016-08-11	2021-08-10
379	2457116	35G12	41.05	Active	2016-08-11	2021-08-10
380	2457117	35G12	41.05	Active	2016-08-11	2021-08-10
381	2457118	35G12	41.04	Active	2016-08-11	2021-08-10
382	2457119	35G12	41.04	Active	2016-08-11	2021-08-10
383	2457120	35G12	41.04	Active	2016-08-11	2021-08-10
384	2457121	35G12	41.04	Active	2016-08-11	2021-08-10
385	2457122	35G12	41.04	Active	2016-08-11	2021-08-10
386	2457123	35G12	41.04	Active	2016-08-11	2021-08-10
387	2457124	35G12	41.03	Active	2016-08-11	2021-08-10
388	2457125	35G12	41.03	Active	2016-08-11	2021-08-10
389	2457126	35G12	41.03	Active	2016-08-11	2021-08-10
390	2457127	35G12	41.03	Active	2016-08-11	2021-08-10
391	2457128	35G12	41.03	Active	2016-08-11	2021-08-10
392	2457129	35G12	41.02	Active	2016-08-11	2021-08-10
393	2457130	35G12	41.02	Active	2016-08-11	2021-08-10
394	2457131	35G12	41.02	Active	2016-08-11	2021-08-10
395	2457132	35G12	41.02	Active	2016-08-11	2021-08-10
396	2457133	35G12	41.01	Active	2016-08-11	2021-08-10
397	2457134	35G12	41.00	Active	2016-08-11	2021-08-10
398	2457135	35G12	41.00	Active	2016-08-11	2021-08-10
399	2457136	35G12	41.00	Active	2016-08-11	2021-08-10

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Qiqavik Property – List of claims 100% owned by Orford Mining Corporation (97184)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
400	2457137	35G12	41.00	Active	2016-08-11	2021-08-10
401	2457138	35G12	41.00	Active	2016-08-11	2021-08-10
402	2457139	35G12	41.00	Active	2016-08-11	2021-08-10
403	2457140	35G12	41.00	Active	2016-08-11	2021-08-10
404	2457141	35G12	41.00	Active	2016-08-11	2021-08-10
405	2457142	35G12	41.00	Active	2016-08-11	2021-08-10
406	2457143	35G12	41.00	Active	2016-08-11	2021-08-10
407	2457144	35G12	40.99	Active	2016-08-11	2021-08-10
408	2457145	35G12	40.99	Active	2016-08-11	2021-08-10
409	2457146	35G12	40.99	Active	2016-08-11	2021-08-10
410	2457147	35G12	40.99	Active	2016-08-11	2021-08-10
411	2457148	35G12	40.99	Active	2016-08-11	2021-08-10
412	2457149	35G12	40.99	Active	2016-08-11	2021-08-10
413	2457150	35G12	40.99	Active	2016-08-11	2021-08-10
414	2457151	35G12	40.99	Active	2016-08-11	2021-08-10
415	2457152	35G12	40.98	Active	2016-08-11	2021-08-10
416	2457153	35G12	40.98	Active	2016-08-11	2021-08-10
417	2457154	35G12	40.98	Active	2016-08-11	2021-08-10
418	2457155	35G12	40.98	Active	2016-08-11	2021-08-10
419	2457156	35G12	40.98	Active	2016-08-11	2021-08-10
420	2457157	35G12	41.04	Active	2016-08-11	2021-08-10
421	2457158	35G12	41.04	Active	2016-08-11	2021-08-10
422	2457159	35G12	41.04	Active	2016-08-11	2021-08-10
423	2457160	35G12	41.04	Active	2016-08-11	2021-08-10
424	2457161	35G12	41.03	Active	2016-08-11	2021-08-10
425	2457162	35G12	41.03	Active	2016-08-11	2021-08-10
426	2457163	35G12	41.03	Active	2016-08-11	2021-08-10
427	2457164	35G12	41.03	Active	2016-08-11	2021-08-10
428	2457165	35G12	41.03	Active	2016-08-11	2021-08-10
429	2457166	35G12	41.03	Active	2016-08-11	2021-08-10
430	2457167	35G12	41.03	Active	2016-08-11	2021-08-10
431	2457168	35G12	41.03	Active	2016-08-11	2021-08-10
432	2457169	35G12	41.03	Active	2016-08-11	2021-08-10
433	2457170	35G12	41.02	Active	2016-08-11	2021-08-10
434	2457171	35G12	41.02	Active	2016-08-11	2021-08-10
435	2457172	35G12	41.02	Active	2016-08-11	2021-08-10
436	2457173	35G12	41.02	Active	2016-08-11	2021-08-10
437	2457174	35G12	41.02	Active	2016-08-11	2021-08-10
438	2457175	35G12	41.02	Active	2016-08-11	2021-08-10
439	2457176	35G12	41.02	Active	2016-08-11	2021-08-10
440	2457177	35G12	41.01	Active	2016-08-11	2021-08-10
441	2457178	35G12	41.01	Active	2016-08-11	2021-08-10
442	2457179	35G12	41.01	Active	2016-08-11	2021-08-10
443	2457180	35G12	41.01	Active	2016-08-11	2021-08-10
444	2457181	35G12	41.01	Active	2016-08-11	2021-08-10
445	2457182	35G12	41.01	Active	2016-08-11	2021-08-10
446	2457253	35G11	41.13	Active	2016-08-12	2021-08-11
447	2457254	35G11	41.13	Active	2016-08-12	2021-08-11
448	2457255	35G11	41.13	Active	2016-08-12	2021-08-11
449	2457256	35G11	41.13	Active	2016-08-12	2021-08-11
450	2457257	35G11	41.13	Active	2016-08-12	2021-08-11
451	2457258	35G11	41.13	Active	2016-08-12	2021-08-11
452	2457259	35G11	41.13	Active	2016-08-12	2021-08-11
453	2457260	35G11	41.13	Active	2016-08-12	2021-08-11
454	2457261	35G11	41.13	Active	2016-08-12	2021-08-11
455	2457262	35G11	41.13	Active	2016-08-12	2021-08-11
456	2457263	35G12	41.13	Active	2016-08-12	2021-08-11

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
457	2457264	35G12	41.13	Active	2016-08-12	2021-08-11
458	2457265	35G12	41.13	Active	2016-08-12	2021-08-11
459	2457266	35G12	41.13	Active	2016-08-12	2021-08-11
460	2457267	35G12	41.13	Active	2016-08-12	2021-08-11
461	2457268	35G12	41.13	Active	2016-08-12	2021-08-11
462	2457269	35G12	41.13	Active	2016-08-12	2021-08-11
463	2457270	35G12	41.13	Active	2016-08-12	2021-08-11
464	2457271	35G12	41.13	Active	2016-08-12	2021-08-11
465	2457272	35G12	41.13	Active	2016-08-12	2021-08-11
466	2457273	35G12	41.13	Active	2016-08-12	2021-08-11
467	2457274	35G12	41.13	Active	2016-08-12	2021-08-11
468	2457275	35G12	41.13	Active	2016-08-12	2021-08-11
469	2457276	35G12	41.13	Active	2016-08-12	2021-08-11
470	2457277	35G12	41.13	Active	2016-08-12	2021-08-11
471	2457278	35G12	41.13	Active	2016-08-12	2021-08-11
472	2457279	35G12	41.13	Active	2016-08-12	2021-08-11
473	2457280	35G12	41.13	Active	2016-08-12	2021-08-11
474	2457281	35G12	41.13	Active	2016-08-12	2021-08-11
475	2457282	35G12	41.13	Active	2016-08-12	2021-08-11
476	2457283	35G12	41.13	Active	2016-08-12	2021-08-11
477	2457284	35G12	41.13	Active	2016-08-12	2021-08-11
478	2457285	35G12	41.13	Active	2016-08-12	2021-08-11
479	2457286	35G12	41.13	Active	2016-08-12	2021-08-11
480	2457287	35G12	41.13	Active	2016-08-12	2021-08-11
481	2457288	35G12	41.13	Active	2016-08-12	2021-08-11
482	2457289	35G12	41.09	Active	2016-08-12	2021-08-11
483	2457290	35G12	41.08	Active	2016-08-12	2021-08-11
484	2457291	35G12	41.07	Active	2016-08-12	2021-08-11
485	2457292	35G12	41.04	Active	2016-08-12	2021-08-11
486	2457293	35G12	41.03	Active	2016-08-12	2021-08-11
487	2457294	35G12	41.02	Active	2016-08-12	2021-08-11
488	2457295	35G12	41.01	Active	2016-08-12	2021-08-11
489	2457296	35G12	41.00	Active	2016-08-12	2021-08-11
490	2457297	35G12	41.00	Active	2016-08-12	2021-08-11
491	2462242	35G12	40.91	Active	2016-09-14	2021-09-13
492	2462243	35G12	40.98	Active	2016-09-14	2021-09-13
493	2465124	35G12	41.04	Active	2016-10-04	2021-10-03
494	2465125	35G12	41.04	Active	2016-10-04	2021-10-03
495	2465126	35G12	41.04	Active	2016-10-04	2021-10-03
496	2465127	35G12	41.04	Active	2016-10-04	2021-10-03
497	2465128	35G12	41.04	Active	2016-10-04	2021-10-03
498	2465129	35G12	41.03	Active	2016-10-04	2021-10-03
499	2465130	35G12	0.03	Active	2016-10-04	2021-10-03
500	2465131	35G12	29.59	Active	2016-10-04	2021-10-03
501	2465132	35G12	6.15	Active	2016-10-04	2021-10-03
502	2465133	35G12	0.36	Active	2016-10-04	2021-10-03
503	2465134	35G12	33.98	Active	2016-10-04	2021-10-03
504	2465135	35G12	0.45	Active	2016-10-04	2021-10-03
505	2465136	35G12	0.24	Active	2016-10-04	2021-10-03
506	2465137	35G12	27.51	Active	2016-10-04	2021-10-03
507	2465138	35G12	0.07	Active	2016-10-04	2021-10-03
508	2465139	35G12	0.58	Active	2016-10-04	2021-10-03
509	2465140	35G12	0.01	Active	2016-10-04	2021-10-03
510	2465141	35G12	31.34	Active	2016-10-04	2021-10-03
511	2469662	35G12	31.52	Active	2016-11-17	2021-11-16
512	2469663	35G12	26.78	Active	2016-11-17	2021-11-16
513	2469664	35G12	34.53	Active	2016-11-17	2021-11-16

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
514	2470009	35G12	41.06	Active	2016-11-29	2021-11-28
515	2470010	35G12	41.06	Active	2016-11-29	2021-11-28
516	2470011	35G12	41.06	Active	2016-11-29	2021-11-28
517	2470012	35G12	41.06	Active	2016-11-29	2021-11-28
518	2470013	35G12	41.06	Active	2016-11-29	2021-11-28
519	2470014	35G12	41.06	Active	2016-11-29	2021-11-28
520	2470015	35G12	41.06	Active	2016-11-29	2021-11-28
521	2470016	35G12	41.06	Active	2016-11-29	2021-11-28
522	2519001	35G11	41.13	Active	2018-05-31	2023-05-30
523	2519002	35G11	41.13	Active	2018-05-31	2023-05-30
524	2519003	35G11	41.13	Active	2018-05-31	2023-05-30
525	2519004	35G11	41.13	Active	2018-05-31	2023-05-30
526	2519005	35G11	41.13	Active	2018-05-31	2023-05-30
527	2519006	35G11	41.13	Active	2018-05-31	2023-05-30
528	2519007	35G11	41.13	Active	2018-05-31	2023-05-30
529	2519008	35G11	41.13	Active	2018-05-31	2023-05-30
530	2519009	35G11	41.13	Active	2018-05-31	2023-05-30
531	2519010	35G11	41.13	Active	2018-05-31	2023-05-30
532	2519011	35G11	41.13	Active	2018-05-31	2023-05-30
533	2519012	35G11	41.13	Active	2018-05-31	2023-05-30
534	2519013	35G11	41.13	Active	2018-05-31	2023-05-30
535	2519014	35G11	41.09	Active	2018-05-31	2021-05-30
536	2519015	35G11	41.09	Active	2018-05-31	2021-05-30
537	2519016	35G11	41.09	Active	2018-05-31	2021-05-30
538	2519017	35G11	41.09	Active	2018-05-31	2021-05-30
539	2519018	35G11	41.09	Active	2018-05-31	2021-05-30
540	2519019	35G11	41.09	Active	2018-05-31	2021-05-30
541	2519020	35G11	41.09	Active	2018-05-31	2021-05-30
542	2519021	35G11	41.09	Active	2018-05-31	2021-05-30
543	2519022	35G11	41.09	Active	2018-05-31	2021-05-30
544	2519023	35G11	41.09	Active	2018-05-31	2021-05-30
545	2519024	35G11	41.09	Active	2018-05-31	2021-05-30
546	2519025	35G11	41.09	Active	2018-05-31	2021-05-30
547	2519026	35G11	41.09	Active	2018-05-31	2023-05-30
548	2519027	35G11	41.09	Active	2018-05-31	2023-05-30
549	2519028	35G11	41.08	Active	2018-05-31	2021-05-30
550	2519029	35G11	41.08	Active	2018-05-31	2021-05-30
551	2519030	35G11	41.08	Active	2018-05-31	2021-05-30
552	2519031	35G11	41.08	Active	2018-05-31	2021-05-30
553	2519032	35G11	41.08	Active	2018-05-31	2021-05-30
554	2519033	35G11	41.08	Active	2018-05-31	2021-05-30
555	2519034	35G11	41.08	Active	2018-05-31	2021-05-30
556	2519035	35G11	41.08	Active	2018-05-31	2021-05-30
557	2519036	35G11	41.08	Active	2018-05-31	2021-05-30
558	2519037	35G11	41.08	Active	2018-05-31	2023-05-30
559	2519038	35G11	41.08	Active	2018-05-31	2023-05-30
560	2519039	35G11	41.08	Active	2018-05-31	2023-05-30
561	2519040	35G11	41.08	Active	2018-05-31	2021-05-30
562	2519041	35G11	41.08	Active	2018-05-31	2021-05-30
563	2519042	35G11	41.08	Active	2018-05-31	2021-05-30
564	2519043	35G11	41.06	Active	2018-05-31	2021-05-30
565	2519044	35G11	41.06	Active	2018-05-31	2021-05-30
566	2519045	35G11	41.06	Active	2018-05-31	2021-05-30
567	2519046	35G11	41.06	Active	2018-05-31	2021-05-30
568	2519047	35G11	41.06	Active	2018-05-31	2021-05-30
569	2519048	35G11	41.06	Active	2018-05-31	2021-05-30
570	2519049	35G11	41.06	Active	2018-05-31	2021-05-30

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	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
571	2519050	35G11	41.06	Active	2018-05-31	2021-05-30
572	2519051	35G11	41.06	Active	2018-05-31	2021-05-30
573	2519052	35G11	41.06	Active	2018-05-31	2021-05-30
574	2519053	35G11	41.06	Active	2018-05-31	2021-05-30
575	2519054	35G11	41.06	Active	2018-05-31	2021-05-30
576	2519055	35G11	41.06	Active	2018-05-31	2021-05-30
577	2519056	35G11	41.06	Active	2018-05-31	2021-05-30
578	2519057	35G11	41.06	Active	2018-05-31	2021-05-30
579	2519058	35G11	41.05	Active	2018-05-31	2021-05-30
580	2519059	35G11	41.05	Active	2018-05-31	2021-05-30
581	2519060	35G11	41.05	Active	2018-05-31	2021-05-30
582	2519061	35G11	41.05	Active	2018-05-31	2021-05-30
583	2519062	35G11	41.05	Active	2018-05-31	2021-05-30
584	2519063	35G11	41.05	Active	2018-05-31	2021-05-30
585	2519064	35G11	41.05	Active	2018-05-31	2021-05-30
586	2519065	35G11	41.05	Active	2018-05-31	2023-05-30
587	2519066	35G11	41.05	Active	2018-05-31	2021-05-30
588	2519067	35G11	41.05	Active	2018-05-31	2021-05-30
589	2519068	35G11	41.05	Active	2018-05-31	2021-05-30
590	2519069	35G11	41.05	Active	2018-05-31	2021-05-30
591	2519070	35G11	41.05	Active	2018-05-31	2021-05-30
592	2519071	35G11	41.05	Active	2018-05-31	2021-05-30
593	2519072	35G11	41.05	Active	2018-05-31	2021-05-30
594	2519073	35G11	41.05	Active	2018-05-31	2021-05-30
595	2519074	35G11	41.04	Active	2018-05-31	2021-05-30
596	2519075	35G11	41.04	Active	2018-05-31	2021-05-30
597	2519076	35G11	41.04	Active	2018-05-31	2021-05-30
598	2519077	35G11	41.04	Active	2018-05-31	2021-05-30
599	2519078	35G11	41.04	Active	2018-05-31	2021-05-30
600	2519079	35G11	41.04	Active	2018-05-31	2021-05-30
601	2519080	35G11	41.04	Active	2018-05-31	2021-05-30
602	2519081	35G11	41.04	Active	2018-05-31	2021-05-30
603	2519082	35G11	41.03	Active	2018-05-31	2021-05-30
604	2519083	35G11	41.03	Active	2018-05-31	2021-05-30
605	2519084	35G11	41.03	Active	2018-05-31	2021-05-30
606	2519085	35G11	41.03	Active	2018-05-31	2021-05-30
607	2519086	35G11	41.03	Active	2018-05-31	2021-05-30
608	2522053	35G11	41.15	Active	2018-08-22	2021-08-21
609	2522054	35G11	41.15	Active	2018-08-22	2021-08-21
610	2522055	35G11	41.15	Active	2018-08-22	2021-08-21
611	2522056	35G11	41.15	Active	2018-08-22	2021-08-21
612	2522057	35G11	41.15	Active	2018-08-22	2021-08-21
613	2522058	35G11	41.15	Active	2018-08-22	2021-08-21
614	2522059	35G11	41.15	Active	2018-08-22	2021-08-21
615	2522060	35G11	41.15	Active	2018-08-22	2021-08-21
616	2522061	35G11	41.15	Active	2018-08-22	2021-08-21
617	2522062	35G11	41.15	Active	2018-08-22	2021-08-21
618	2522063	35G11	41.15	Active	2018-08-22	2021-08-21
619	2522064	35G11	41.15	Active	2018-08-22	2021-08-21
620	2522065	35G11	41.15	Active	2018-08-22	2021-08-21
621	2522066	35G11	41.15	Active	2018-08-22	2021-08-21
622	2522067	35G11	41.15	Active	2018-08-22	2021-08-21
623	2522068	35G11	41.15	Active	2018-08-22	2021-08-21
624	2522069	35G11	41.14	Active	2018-08-22	2021-08-21
625	2522070	35G11	41.14	Active	2018-08-22	2021-08-21
626	2522071	35G11	41.14	Active	2018-08-22	2021-08-21
627	2522072	35G11	41.14	Active	2018-08-22	2021-08-21

Appendix 1 - 1

Qiqavik Property – List of claims 100% owned by Orford Mining Corporation (97184)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
628	2522073	35G11	41.14	Active	2018-08-22	2021-08-21
629	2522074	35G11	41.14	Active	2018-08-22	2021-08-21
630	2522075	35G11	41.14	Active	2018-08-22	2021-08-21
631	2522076	35G11	41.14	Active	2018-08-22	2021-08-21
632	2522077	35G11	41.14	Active	2018-08-22	2021-08-21
633	2522078	35G11	41.14	Active	2018-08-22	2021-08-21
634	2522079	35G11	41.14	Active	2018-08-22	2021-08-21
635	2522080	35G11	41.14	Active	2018-08-22	2021-08-21
636	2522081	35G11	41.14	Active	2018-08-22	2021-08-21
637	2522082	35G11	41.14	Active	2018-08-22	2021-08-21
638	2522083	35G11	41.14	Active	2018-08-22	2021-08-21
639	2523052	35G11	41.15	Active	2018-09-24	2021-09-23
640	2523053	35G11	41.15	Active	2018-09-24	2021-09-23
641	2523054	35G11	41.15	Active	2018-09-24	2021-09-23
642	2523055	35G11	41.15	Active	2018-09-24	2021-09-23
643	2523056	35G11	41.15	Active	2018-09-24	2021-09-23
644	2523057	35G11	41.15	Active	2018-09-24	2021-09-23
645	2523058	35G11	41.15	Active	2018-09-24	2021-09-23
646	2523059	35G11	41.15	Active	2018-09-24	2021-09-23
647	2523060	35G11	41.14	Active	2018-09-24	2021-09-23
648	2523061	35G11	41.14	Active	2018-09-24	2021-09-23
649	2523062	35G11	41.14	Active	2018-09-24	2021-09-23
650	2523063	35G11	41.14	Active	2018-09-24	2021-09-23
651	2523064	35G11	41.14	Active	2018-09-24	2021-09-23
652	2523065	35G11	41.14	Active	2018-09-24	2021-09-23
653	2523066	35G11	41.14	Active	2018-09-24	2021-09-23
654	2523067	35G11	41.14	Active	2018-09-24	2021-09-23
655	2523068	35G12	41.15	Active	2018-09-24	2021-09-23
656	2523069	35G12	41.15	Active	2018-09-24	2021-09-23
657	2523070	35G12	41.15	Active	2018-09-24	2021-09-23
658	2523071	35G12	41.15	Active	2018-09-24	2021-09-23
659	2523072	35G12	41.15	Active	2018-09-24	2021-09-23
660	2523073	35G12	41.15	Active	2018-09-24	2021-09-23
661	2523074	35G12	41.15	Active	2018-09-24	2021-09-23
662	2523075	35G12	41.15	Active	2018-09-24	2021-09-23
663	2523076	35G12	41.15	Active	2018-09-24	2021-09-23
664	2523077	35G12	41.15	Active	2018-09-24	2021-09-23
665	2523078	35G12	41.15	Active	2018-09-24	2021-09-23
666	2523079	35G12	41.14	Active	2018-09-24	2021-09-23
667	2523080	35G12	41.14	Active	2018-09-24	2021-09-23
668	2523081	35G12	41.14	Active	2018-09-24	2021-09-23
669	2523082	35G12	41.14	Active	2018-09-24	2021-09-23
670	2523083	35G12	41.14	Active	2018-09-24	2021-09-23
671	2523084	35G12	41.14	Active	2018-09-24	2021-09-23
672	2523085	35G12	41.14	Active	2018-09-24	2021-09-23
673	2523086	35G12	41.14	Active	2018-09-24	2021-09-23
674	2523087	35G12	41.14	Active	2018-09-24	2021-09-23
675	2523088	35G12	41.14	Active	2018-09-24	2021-09-23
676	2523089	35G12	41.14	Active	2018-09-24	2021-09-23
677	2523090	35G12	41.15	Active	2018-09-24	2021-09-23
678	2523091	35G12	41.15	Active	2018-09-24	2021-09-23
679	2523092	35G12	41.15	Active	2018-09-24	2021-09-23
680	2523093	35G12	41.15	Active	2018-09-24	2021-09-23
681	2523094	35G12	41.14	Active	2018-09-24	2021-09-23
682	2523095	35G12	41.14	Active	2018-09-24	2021-09-23
683	2523096	35G12	41.14	Active	2018-09-24	2021-09-23
684	2523097	35G12	41.14	Active	2018-09-24	2021-09-23

Appendix 1 - 1

Qiqavik Property – List of claims 100% owned by Orford Mining Corporation (97184)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
685	2523098	35G12	41.15	Active	2018-09-24	2021-09-23
686	2523099	35G12	41.15	Active	2018-09-24	2021-09-23
687	2523100	35G12	41.14	Active	2018-09-24	2021-09-23
688	2523101	35G12	41.14	Active	2018-09-24	2021-09-23

Annexe 1 - 2

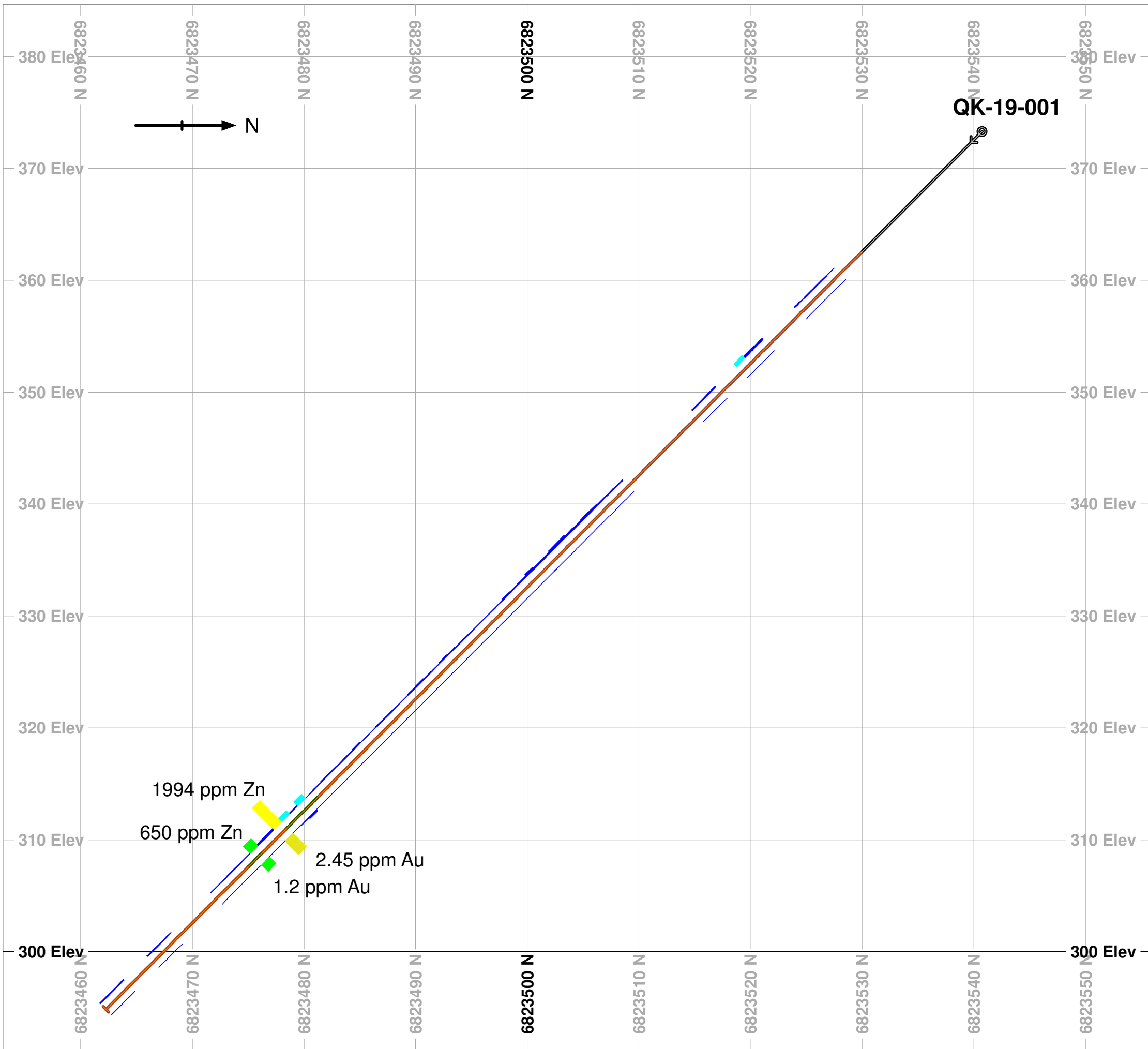
Qiqavik Property – List of claims 100% owned by Ressources Tectonic inc. (Les) (19837)

	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
1	2334831	35G11	41.11	Active	2012-03-07	2022-03-06
2	2334832	35G11	41.11	Active	2012-03-07	2022-03-06
3	2334833	35G11	41.11	Active	2012-03-07	2022-03-06
4	2334834	35G11	41.11	Active	2012-03-07	2022-03-06
5	2334835	35G11	41.11	Active	2012-03-07	2022-03-06
6	2334836	35G11	41.11	Active	2012-03-07	2022-03-06
7	2334837	35G11	41.11	Active	2012-03-07	2022-03-06
8	2334838	35G11	41.11	Active	2012-03-07	2022-03-06
9	2334839	35G11	41.11	Active	2012-03-07	2022-03-06
10	2334840	35G11	41.11	Active	2012-03-07	2022-03-06
11	2334841	35G11	41.10	Active	2012-03-07	2022-03-06
12	2334842	35G11	41.10	Active	2012-03-07	2022-03-06
13	2334843	35G11	41.10	Active	2012-03-07	2022-03-06
14	2334844	35G11	41.10	Active	2012-03-07	2022-03-06
15	2334845	35G11	41.10	Active	2012-03-07	2022-03-06
16	2334846	35G11	41.10	Active	2012-03-07	2022-03-06
17	2334847	35G11	41.10	Active	2012-03-07	2022-03-06
18	2334848	35G11	41.10	Active	2012-03-07	2022-03-06
19	2334849	35G11	41.10	Active	2012-03-07	2022-03-06
20	2334850	35G11	41.10	Active	2012-03-07	2022-03-06
21	2334851	35G11	41.10	Active	2012-03-07	2022-03-06
22	2334852	35G11	41.10	Active	2012-03-07	2022-03-06
23	2334853	35G11	41.10	Active	2012-03-07	2022-03-06
24	2334854	35G11	41.09	Active	2012-03-07	2022-03-06
25	2334855	35G11	41.09	Active	2012-03-07	2022-03-06
26	2334856	35G11	41.09	Active	2012-03-07	2022-03-06
27	2334857	35G11	41.09	Active	2012-03-07	2022-03-06
28	2334858	35G11	41.09	Active	2012-03-07	2022-03-06
29	2334859	35G11	41.09	Active	2012-03-07	2022-03-06
30	2334860	35G11	41.09	Active	2012-03-07	2022-03-06
31	2334861	35G11	41.09	Active	2012-03-07	2022-03-06
32	2334862	35G11	41.09	Active	2012-03-07	2022-03-06
33	2334863	35G11	41.09	Active	2012-03-07	2022-03-06
34	2334864	35G11	41.09	Active	2012-03-07	2022-03-06
35	2334865	35G11	41.09	Active	2012-03-07	2022-03-06
36	2334866	35G11	41.09	Active	2012-03-07	2022-03-06
37	2334867	35G11	41.08	Active	2012-03-07	2022-03-06
38	2334868	35G11	41.08	Active	2012-03-07	2022-03-06
39	2334869	35G11	41.08	Active	2012-03-07	2022-03-06
40	2334870	35G11	41.08	Active	2012-03-07	2022-03-06
41	2334871	35G11	41.08	Active	2012-03-07	2022-03-06
42	2334872	35G11	41.08	Active	2012-03-07	2022-03-06
43	2334873	35G11	41.08	Active	2012-03-07	2022-03-06
44	2334874	35G11	41.08	Active	2012-03-07	2022-03-06
45	2334875	35G11	41.08	Active	2012-03-07	2022-03-06
46	2334876	35G11	41.08	Active	2012-03-07	2022-03-06
47	2334877	35G11	41.08	Active	2012-03-07	2022-03-06
48	2334878	35G11	41.06	Active	2012-03-07	2022-03-06
49	2334879	35G11	41.06	Active	2012-03-07	2022-03-06
50	2334880	35G11	41.06	Active	2012-03-07	2022-03-06
51	2363815	35G11	41.08	Active	2012-09-19	2020-09-18




Annexe 1 - 2












Qiqavik Property – List of claims 100% owned by Ressources Tectonic inc. (Les) (19837)

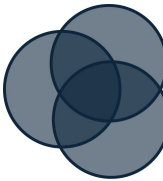
	Title No	NTS #	Surface area (Ha)	Status	Registration Date	Expiration Date
52	2363816	35G11	41.08	Active	2012-09-19	2020-09-18
53	2363817	35G11	41.06	Active	2012-09-19	2020-09-18
54	2363818	35G11	41.06	Active	2012-09-19	2020-09-18
55	2363819	35G11	41.06	Active	2012-09-19	2020-09-18
56	2363820	35G11	41.06	Active	2012-09-19	2020-09-18
57	2363846	35G11	41.12	Active	2012-09-19	2020-09-18
58	2363847	35G11	41.12	Active	2012-09-19	2020-09-18
59	2363848	35G11	41.12	Active	2012-09-19	2020-09-18
60	2363849	35G11	41.12	Active	2012-09-19	2020-09-18
61	2363850	35G11	41.12	Active	2012-09-19	2020-09-18
62	2363851	35G11	41.12	Active	2012-09-19	2020-09-18
63	2363863	35G11	41.11	Active	2012-09-19	2020-09-18
64	2363864	35G11	41.11	Active	2012-09-19	2020-09-18
65	2363865	35G11	41.11	Active	2012-09-19	2020-09-18
66	2363866	35G11	41.11	Active	2012-09-19	2020-09-18
67	2363867	35G11	41.11	Active	2012-09-19	2020-09-18
68	2363868	35G11	41.11	Active	2012-09-19	2020-09-18
69	2363869	35G11	41.11	Active	2012-09-19	2020-09-18
70	2363870	35G11	41.11	Active	2012-09-19	2020-09-18
71	2363871	35G11	41.11	Active	2012-09-19	2020-09-18
72	2363883	35G11	41.10	Active	2012-09-19	2020-09-18
73	2363884	35G11	41.10	Active	2012-09-19	2020-09-18
74	2363885	35G11	41.10	Active	2012-09-19	2020-09-18
75	2363886	35G11	41.10	Active	2012-09-19	2020-09-18
76	2363887	35G11	41.10	Active	2012-09-19	2020-09-18
77	2363888	35G11	41.10	Active	2012-09-19	2020-09-18
78	2363889	35G11	41.10	Active	2012-09-19	2020-09-18
79	2363890	35G11	41.10	Active	2012-09-19	2020-09-18
80	2363891	35G11	41.10	Active	2012-09-19	2020-09-18
81	2408511	35G11	41.12	Active	2014-07-28	2020-07-27
82	2408512	35G11	41.12	Active	2014-07-28	2020-07-27
83	2408513	35G11	41.12	Active	2014-07-28	2020-07-27
84	2408514	35G11	41.12	Active	2014-07-28	2020-07-27
85	2408515	35G11	41.12	Active	2014-07-28	2020-07-27
86	2408516	35G11	41.12	Active	2014-07-28	2020-07-27
87	2408517	35G11	41.12	Active	2014-07-28	2020-07-27
88	2430463	35G11	41.10	Active	2015-07-09	2021-07-08
89	2431743	35G11	41.10	Active	2015-07-31	2021-07-30
90	2431744	35G11	41.10	Active	2015-07-31	2021-07-30
91	2431745	35G11	41.10	Active	2015-07-31	2021-07-30
92	2431746	35G11	41.10	Active	2015-07-31	2021-07-30
93	2431747	35G11	41.10	Active	2015-07-31	2021-07-30



Legend

	Overburden		Volcaniclastics
	Mafic Volcanics		


Left Side of Drill Hole Zn Assay Values (ppm)	Right Side of Drill Hole Au Assay Values (ppm)
 > 250	 < 0.5
 250 to 500	 0.5 to 1.0
 500 to 1 000	 1.0 to 2.0
 1 000 to 2 500	 2.0 to 5.0
 2 500 to 5 000	 > 5.0
 > 5 000	




Orford Mining

QK-19-001 Drill Section

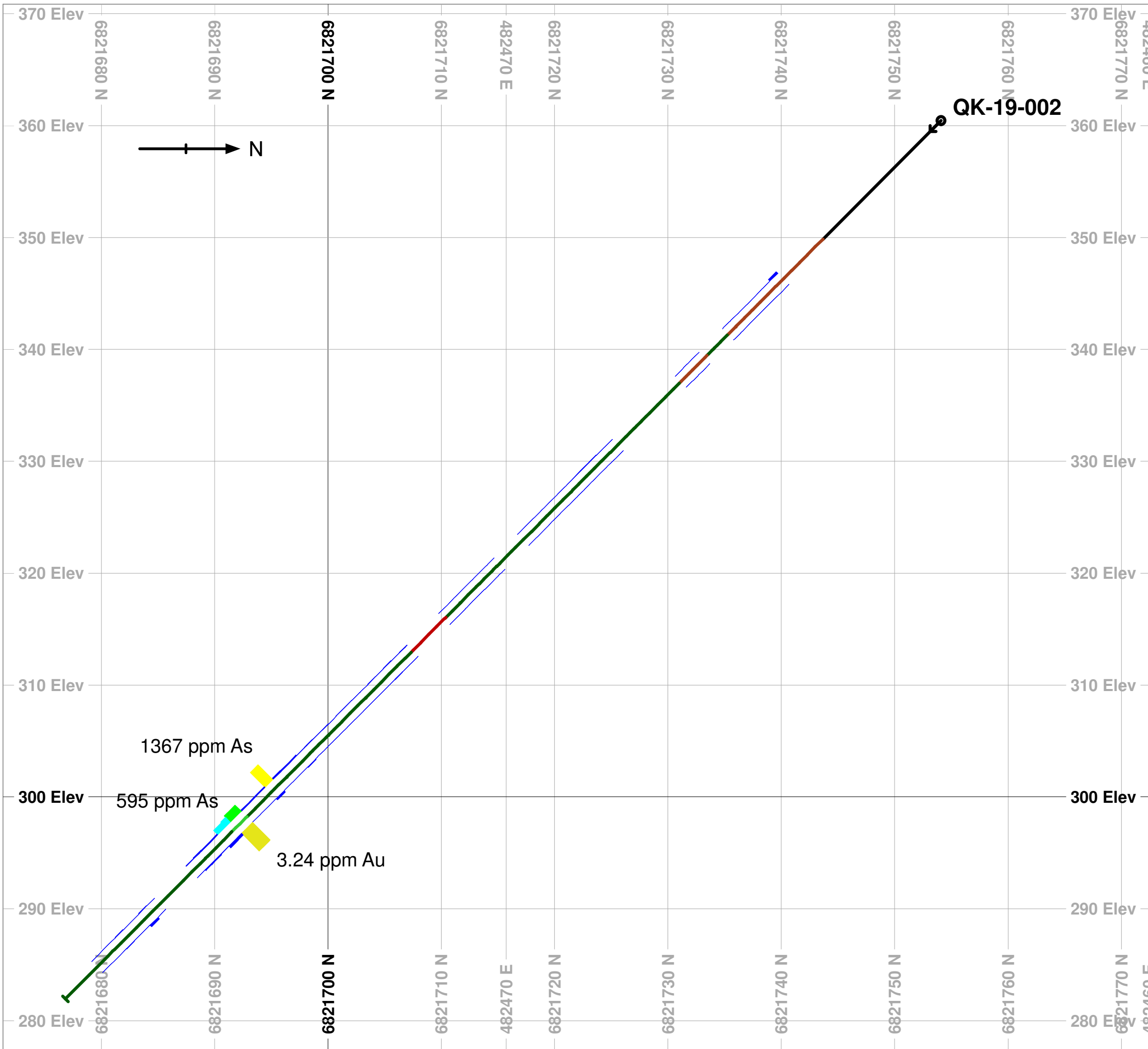
Section Looking West (Azimuth 270)	Section Width: 50 meters	Date: February 2020
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Arnaud Fontaine

Author: Arnaud Fontaine, géo #1698



Legend

- Overburden (Black)
- Mylonite (Light Green)
- Mafic Volcanics (Dark Green)
- Fault Zone (Red)
- Volcaniclastics (Brown)

Left Side of Drill Hole As Assay Values (ppm)	Right Side of Drill Hole Au Assay Values (ppm)
Blue: > 250	Blue: < 0.5
Cyan: 250 to 500	Cyan: 0.5 to 1.0
Light Green: 500 to 1 000	Light Green: 1.0 to 2.0
Yellow: 1 000 to 2 500	Yellow: 2.0 to 5.0
Orange: 2 500 to 5 000	Red: > 5.0
Red: > 5 000	

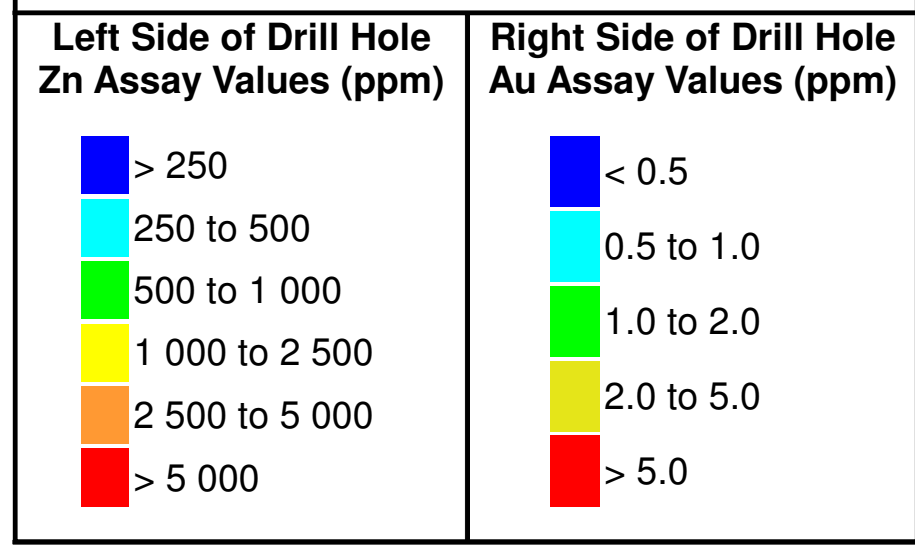
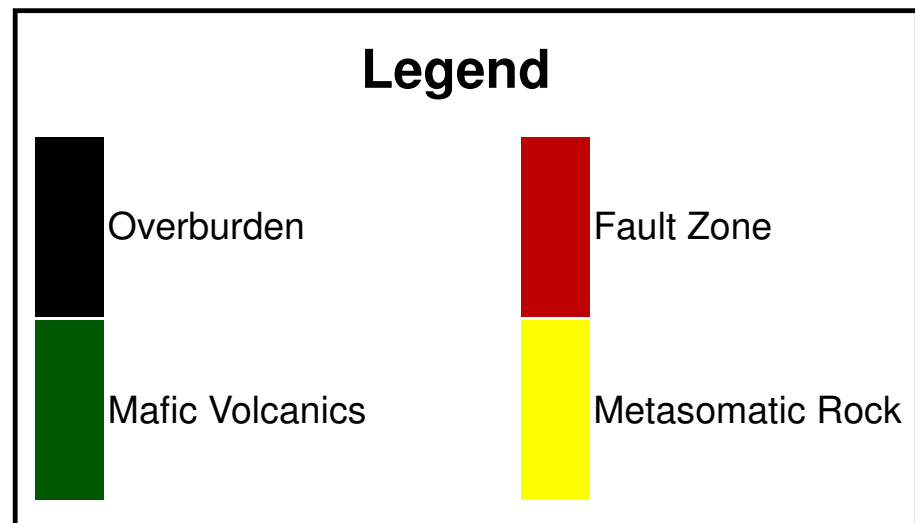
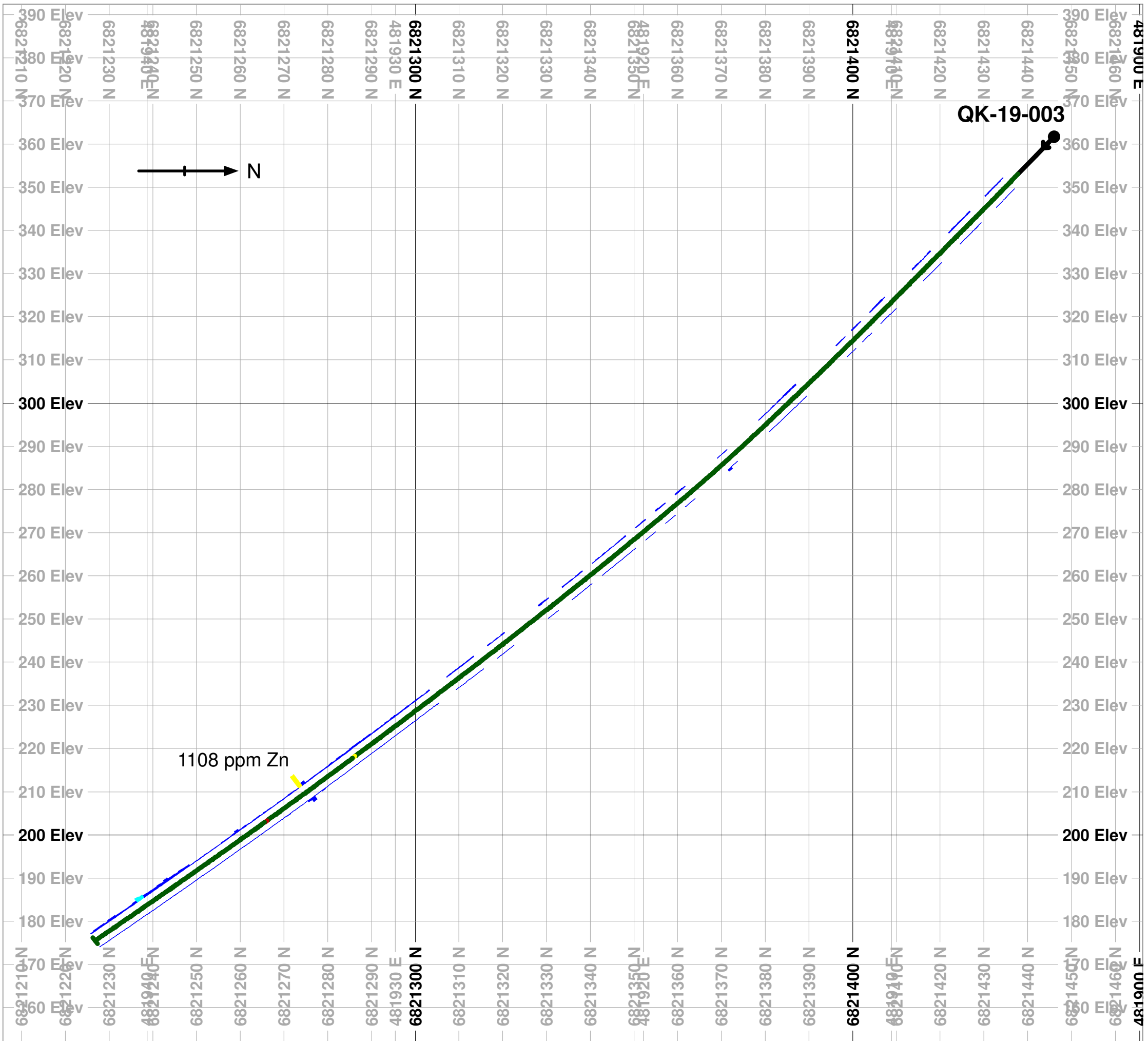
Orford Mining

QK-19-002 Drill Section

Section Looking West (Azimuth 260)	Section Width: 50 meters	Date: February 2020
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Arnaud Fontaine

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Orford Mining

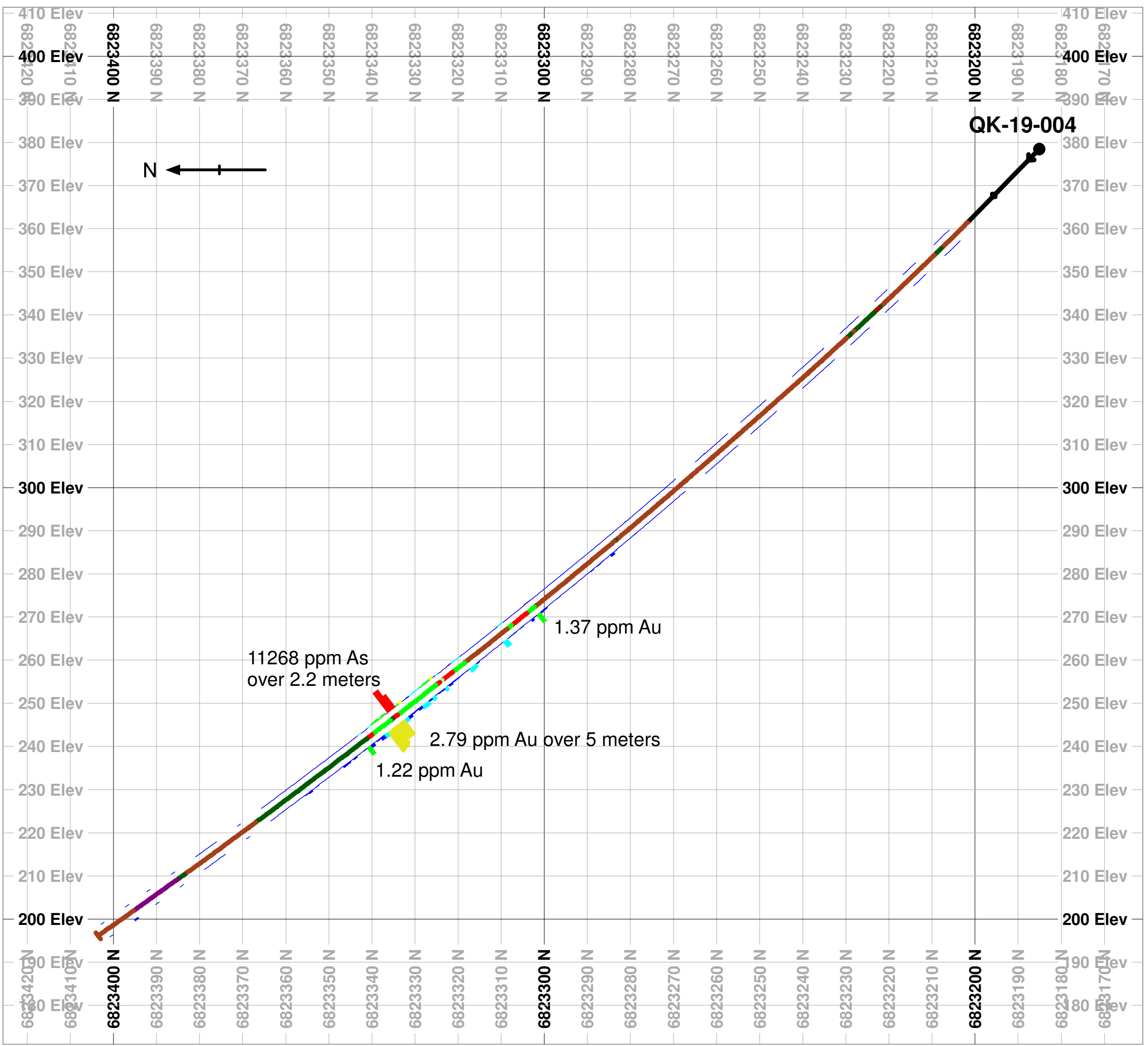
QK-19-003 Drill Section

Section Looking West (Azimuth 260) | Section Width: 50 meters | Date: February 2020









0 10 20 30 40 50 60 70 80 m












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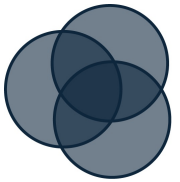
GÉOLOGUE / GEOLOGIST
ARNAUD FONTAINE # 1698
QUÉBEC



Legend

 Overburden	 Sulphidic Volcaniclastics
 Shear Zone	 Quartz Vein
 Fault Zone	 Volcaniclastics
 Mafic Volcanics	 Ultramafic Volcanics

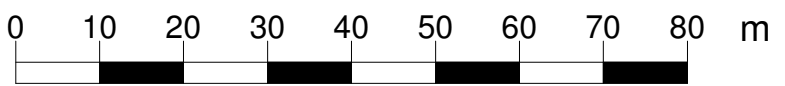
Left Side of Drill Hole As Assay Values (ppm)	Right Side of Drill Hole Au Assay Values (ppm)
 > 250	 < 0.5
 250 to 500	 0.5 to 1.0
 500 to 1 000	 1.0 to 2.0
 1 000 to 2 500	 2.0 to 5.0
 2 500 to 5 000	 > 5.0
 > 5 000	




Orford Mining

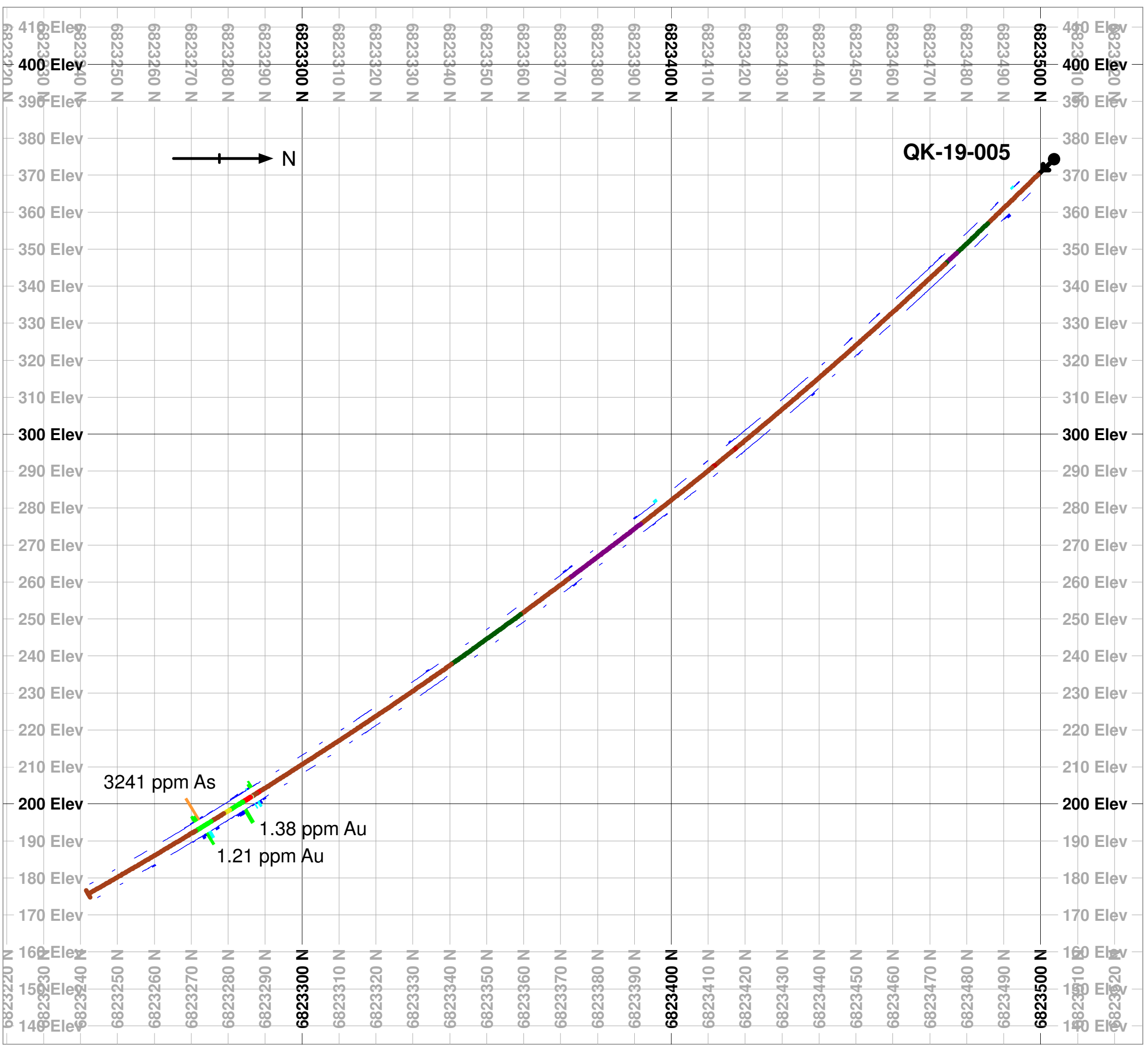
QK-19-004 Drill Section

Section Looking East (Azimuth 90)	Section Width: 50 meters	Date: February 2020
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Author: Arnaud Fontaine, géo #1698



Legend

- Overburden
- Shear Zone
- Fault Zone
- Volcaniclastics
- Ultramafic Volcanics
- Sulphidic Volcaniclastics
- Quartz Vein
- Carbonated Mafic Rock
- Mafic Volcanics

Left Side of Drill Hole As Assay Values (ppm)	Right Side of Drill Hole Au Assay Values (ppm)
> 250	< 0.5
250 to 500	0.5 to 1.0
500 to 1 000	1.0 to 2.0
1 000 to 2 500	2.0 to 5.0
2 500 to 5 000	> 5.0
> 5 000	

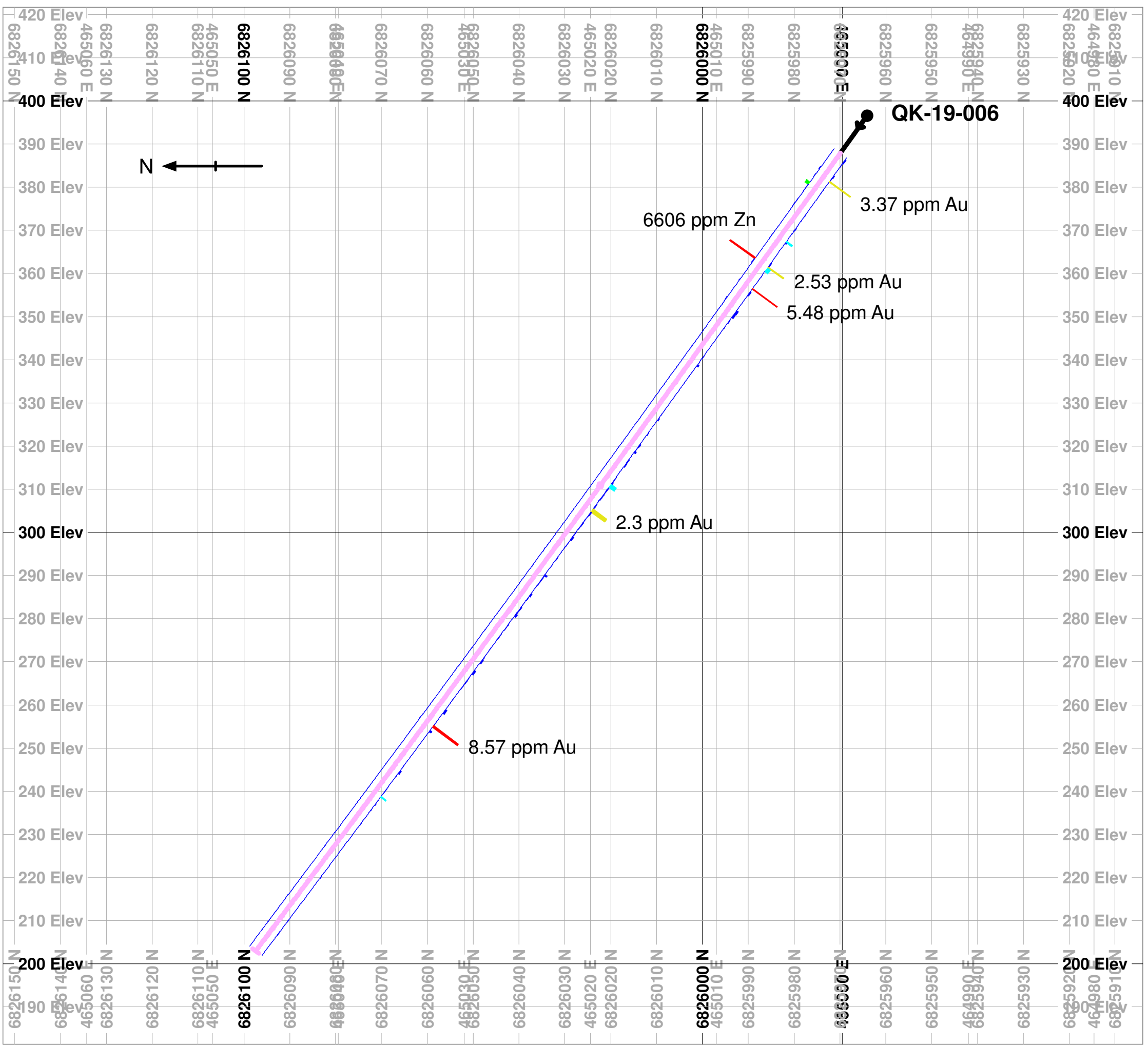
Orford Mining

QK-19-005 Drill Section


Section Looking West (Azimuth 270) | Section Width: 50 meters | Date: February 2020

0 10 20 30 40 50 60 70 80 90 m


Author: Arnaud Fontaine, géo #1698














Legend

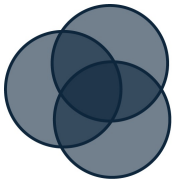


Overburden



Granodiorite

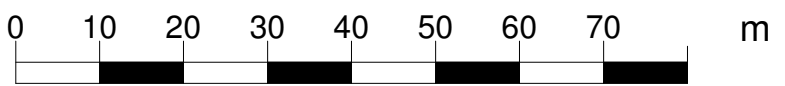
Left Side of Drill Hole Zn Assay Values (ppm)	Right Side of Drill Hole Au Assay Values (ppm)
 > 250	 < 0.5
 250 to 500	 0.5 to 1.0
 500 to 1 000	 1.0 to 2.0
 1 000 to 2 500	 2.0 to 5.0
 2 500 to 5 000	 > 5.0
 > 5 000	




Orford Mining

QK-19-006 Drill Section

Section Looking East (Azimuth 110)	Section Width: 50 meters	Date: February 2020
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Arnaud Fontaine

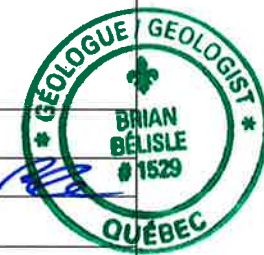
Author: Arnaud Fontaine, géo #1698

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF

Project	Drilling	Collar	Coordinates
Project Number: Qiqavik Claim Number: 2363847 Property: Purpose: Exp Target: NTS: 35G11 Operator: OMC	Drilling Started: Aug 3, 2019 Drilling Completed: Aug 5, 2019 Drilling Contractor: Forage G4 Core Location: CC Object in Hole: OIH Comments:	UTM Zone: NAD83 / UTM zone 18N Collar Dip: -45 Collar Survey Type: DGPS Collar Azi: 180 Geophysics Contractor: Length: 111 Casing: HW Casing Status: Left In Hole Oriented: Y	Northing: 6,823,541 Easting: 479,001 Elevation: 373.29 Logged By: Geologist 1: Brian Bélisle, Géo Geologist 2: Geologist 3: Geologist 4:



Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
0.0	15.37	OB, Overburden												
		Oxidation Texture	Grain Size	Tone	Colour									
15.37	84.2	V2P3, Intermediate Lapilli Tuff				45.8	57.44	Pyrite	Stringer	5	15.37	29	Pervasive	Carbonatization Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments	
		Foliated	Very Fine Grained (less than 1/256 mm)	Medium	Greenish-Grey			parallel to host fabric						
						58.89	59.34	Pyrite	Stringer	10	29	29.27	Pervasive	Carbonatization Strong
								Comments					Comments	
								parallel to host fabric						
						60.71	66.8	Pyrite	Stringer	5	29.27	48.8	Pervasive	Carbonatization Strong
								Comments					Comments	
								parallel to host fabric						
											48.8	49.55	Pervasive	Carbonatization Strong
													Comments	
											49.55	84.2	Pervasive	Carbonatization Strong
													Comments	
84.2	88.2	V3A, Andesitic Basalt/Basaltic Andesite												

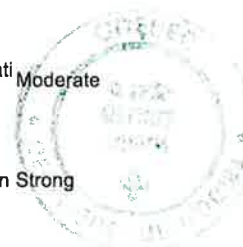
DRILL LOG REPORT

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration								
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity		
		Oxidation Foliated	Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Medium	Colour Grey-Green	84.2	88.2	Pyrite	Stringer	4	84.2	88.2	Pervasive	Bleached/Bleaching	Strong
														Comments parallel to foliation		Comments
88.2	91.35	V2P3, Intermediate Lapilli Tuff					88.2	90.2	Pyrite	Disseminated	5	88.2	89.8	Along Foliation	Sericitization	Strong
		Oxidation Foliated	Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Medium	Colour Greenish-Grey								Comments parallel to foliation		Comments
							91.2	91.35	Pyrite	Semi-Massive	40	89.8	89.9	Along Foliation	Epidotization	Strong
														Comments		Comments
91.35	93.0	V3A, Andesitic Basalt/Basaltic Andesite										92.5	93	Pervasive	Carbonatization	Moderate
		Oxidation Foliated	Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Medium	Colour Grey-Green								Comments		Comments
93.0	111.0	V2P3, Intermediate Lapilli Tuff					93	94.5	Pyrite	Stringer	7	94	98	Pervasive	Carbonatization	Moderate
		Oxidation Foliated	Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Medium	Colour Grey-Green								Comments		Comments
												98	98.3	Along Foliation	Epidotization	Strong
														Comments		Comments
												98.3	108.06	Pervasive	Carbonatization	Moderate
														Comments		Comments
												108.06	108.08	Along Foliation	Epidotization	Strong
														Comments		Comments
												108.08	111	Pervasive	Carbonatization	Moderate
														Comments		Comments


Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

18.0	19.41	B00395001	Core	0.0025	1	17.3	61	4
19.41	20.05	B00395002	Core	0.016	1	14.5	90	5
20.05	21.0	B00395003	Core	0.0025	1	5.4	64	4
21.0	21.73	B00395004	Core	0.027	1	29.1	76	5
21.73	22.3	B00395005	Core	0.029	1	35.4	74	6
22.3	23.0	B00395006	Core	0.025	1	62.4	83	7
27.0	28.0	B00395007	Core	0.019	1	78.8	144	6
28.0	29.34	B00395008	Core	0.006	1	83.2	155	7
29.34	30.39	B00395009	Core	0.008	1	94.4	273	7
33.0	34.0	B00395011	Core	0.0025	1	53	78	4
34.0	35.0	B00395012	Core	0.0025	1	63	82	3
35.0	36.0	B00395013	Core	0.013	1	60	93	3
44.8	45.8	B00395014	Core	0.0025	1	65.6	84	5
45.8	46.8	B00395015	Core	0.012	1	61.3	78	8
46.8	48.0	B00395016	Core	0.023	1	81.7	82	11
48.0	49.0	B00395017	Core	0.033	1	38.4	140	17
49.0	50.0	B00395018	Core	0.009	1	31.1	152	12
50.0	51.0	B00395019	Core	0.006	1	15.9	111	12
51.0	52.0	B00395021	Core	0.012	1	29.5	126	20
52.0	53.0	B00395022	Core	0.04	1	33.5	191	32
53.0	54.0	B00395023	Core	0.03	1	44.5	184	30
54.0	55.0	B00395024	Core	0.03	1	27.4	120	24
55.0	56.0	B00395025	Core	0.019	1	37.5	110	19
56.0	57.0	B00395026	Core	0.019	1	39.4	187	20
57.0	58.0	B00395027	Core	0.016	1	44	100	35

DRILL LOG REPORT

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
58.0	59.0	B00395028	Core	0.0025	1	50.4	98	6
59.0	60.0	B00395029	Core	0.0025	1	26.8	102	6
59.0	60.0	B00395030	Pulp	0.0025	1	36.4	105	6
60.0	61.0	B00395031	Core	0.0025	1	39.6	69	5
61.0	62.0	B00395032	Core	0.007	1	40.9	57	7
62.0	63.0	B00395033	Core	0.008	1	60.3	66	6
63.0	64.0	B00395034	Core	0.015	1	50.3	67	7
64.0	65.0	B00395035	Core	0.007	1	59.6	65	7
65.0	66.0	B00395036	Core	0.0025	1	45.4	71	6
66.0	67.0	B00395037	Core	0.0025	1	45.8	83	5
67.0	68.0	B00395038	Core	0.0025	1	33.9	103	6
68.0	69.0	B00395039	Core	0.0025	1	52.6	71	5
69.0	70.0	B00395041	Core	0.0025	1	46.2	83	4
70.0	71.0	B00395042	Core	0.007	1	40.2	110	4
71.0	72.0	B00395043	Core	0.0025	1	69	99	3
72.0	73.0	B00395044	Core	0.0025	1	55	55	1
73.0	74.0	B00395045	Core	0.0025	1	57.9	62	4
74.0	75.0	B00395046	Core	0.0025	1	61.4	84	1
75.0	76.0	B00395047	Core	0.0025	1	30.1	99	2
76.0	77.0	B00395048	Core	0.0025	1	49.6	58	1
77.0	78.0	B00395049	Core	0.0025	1	73	58	1
78.0	79.0	B00395051	Core	0.0025	1	44.4	107	1
79.0	80.0	B00395052	Core	0.0025	1	67.2	79	1
80.0	81.0	B00395053	Core	0.0025	1	74	68	1

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
81.0	82.0	B00395054	Core	0.0025	1	73	76	3
82.0	83.0	B00395055	Core	0.0025	1	78	75	1
83.0	84.0	B00395056	Core	0.0025	1	66.5	70	3
84.0	85.0	B00395057	Core	0.0025	1	65.2	49	8
85.0	86.0	B00395058	Core	0.27	1	73.6	378	164
86.0	87.0	B00395059	Core	0.117	1	34.4	79	42
86.0	87.0	B00395060	Pulp	0.112	1	33.9	132	40
87.0	88.0	B00395061	Core	0.04	1	43.4	346	129
88.0	89.0	B00395062	Core	2.454	6	60.2	1994	836
89.0	90.0	B00395063	Core	0.026	1	57.6	134	20
90.0	91.0	B00395064	Core	0.023	1	69.8	139	19
91.0	92.0	B00395065	Core	1.203	3	102	650	158
92.0	93.0	B00395066	Core	0.008	1	49.6	73	7
93.0	94.0	B00395067	Core	0.011	1	34	64	7
94.0	95.0	B00395068	Core	0.014	1	52.3	66	7
95.0	96.0	B00395069	Core	0.006	1	47.4	60	8
96.0	97.0	B00395071	Core	0.006	1	52.7	70	3
102.0	103.0	B00395072	Core	0.0025	1	67.1	65	4
103.0	104.0	B00395073	Core	0.0025	1	74.3	74	3
104.0	105.0	B00395074	Core	0.0025	1	46.7	79	1
108.0	109.0	B00395075	Core	0.0025	1	59.8	83	2
109.0	110.0	B00395076	Core	0.0025	1	65.3	79	1
110.0	111.0	B00395077	Core	0.0025	1	59.6	91	1

Geotechnical

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF
Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
15.37	18	2.63	2.63	100	0.12	4.56	
18	21	3	2.97	99	1.62	54.55	
21	24	3	3.08	102.67	1.78	57.79	
24	27	3	2.9	96.67	2.15	74.14	=011<M
27	30	3	2.87	95.67	2.34	81.53	0<111<
30	33	3	3.13	104.33	2.04	65.18	M>101<
33	36	3	3	100	2.65	88.33	-150<111<
36	39	3	3.05	101.67	2.73	89.51	<111<M
39	42	3	3.04	101.33	1.56	51.32	<111<M
42	45	3	2.89	96.33	2.21	76.47	<111<
45	48	3	3	100	1.36	45.33	M>110=
48	51	3	3.06	102	1.64	53.59	
51	54	3	3.04	101.33	1.62	53.29	
54	57	3	2.98	99.33	2.45	82.21	
57	60	3	3.03	101	2.6	85.81	
60	63	3	2.97	99	2.61	87.88	=111<
63	66	3	2.98	99.33	2.94	98.66	10<111<
66	69	3	3.05	101.67	2.72	89.18	5<111<
69	72	3	2.94	98	2.77	94.22	10<111<
72	75	3	3.12	104	2.21	70.83	10<111<
75	78	3	2.96	98.67	2.01	67.91	M>11.1<
78	81	3	3.02	100.67	2.37	78.48	10<111<
81	84	3	2.98	99.33	2.89	96.98	35<111<
84	87	3	3.03	101	2.27	74.92	-5<111<

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
87	90	3	2.61	87	2.24	85.82	=001<M
90	93	3	2.98	99.33	2.61	87.58	<111<
93	96	3	2.96	98.67	2.43	82.09	30<111<
96	99	3	3.09	103	2.06	66.67	-20<111<
99	102	3	2.94	98	1.97	67.01	M>111=
102	105	3	2.97	99	1.53	51.52	=011<
105	108	3	2.95	98.33	2.18	73.9	M>111=
108	111	3	3.06	102	2.45	80.07	=000=

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
22.34	22.4	Fracturing					
24.8	24.9	Fracturing					
37	37.1	Foliation	52	20			
47.15	48	Fault					
48.8	49.4	Fracturing					
52.5	52.6	Fracturing			T		
73	73.1	Foliation	58	200			
88.2	90.2	Foliation	52	340			

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
26.05	Carbonate Vein	73	170								
26.57	Carbonate Vein	72	175								
27.25	Carbonate Vein	68	135								
27.28	Carbonate Vein	70	300								

Hole Number: QK-19-001

Resp. Person: Arnaud Fontaine, Géo

AF
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
27.75	Carbonate Vein	76	170								
28.35	Carbonate Vein	70	130								
28.38	Carbonate Vein	80	300								
28.49	Carbonate Vein	68	120								
29.24	Carbonate Vein	66	160								
29.7	Carbonate Vein	56	140								
44.76	Gouge (Fault)	55	210								
46.8	Foliation	49	190								
54	Foliation										
54.45	Gouge (Fault)										
73	Foliation	55	190								
90	Foliation	52	340								
91.5	Foliation	56	350								

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo

AF

Project	Drilling	Collar	Coordinates
Project Number: Qiqavik Claim Number: 2522081 Property: Purpose: Exp Target: NTS: 35G11 Operator: OMC	Drilling Started: Aug 6, 2019 Drilling Completed: Aug 7, 2019 Drilling Contractor: Forage G4 Core Location: CC Object in Hole: OIH Comments:	UTM Zone: NAD83 / UTM zone 18N Collar Survey Type: DGPS Geophysics Contractor: Casing: HW Casing Status: Left In Hole Oriented: Y	Collar Dip: -45 Collar Azi: 168 Length: 111 Northing: 6,821,755 Easting: 482,469 Elevation: 360.43 Logged By: Geologist 1: Brian Bélisle, Géo Geologist 2: Geologist 3: Geologist 4:



Detailed Lithology					Mineralization				Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity	
0.0	15.0	OB, Overburden													
		Oxidation Texture	Grain Size	Tone	Colour										
15.0	27.1	V2P3, Intermediate Lapilli Tuff				15	24.3	Pyrite	Disseminated	2	15	24.3	Pervasive	Carbonatization	Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments		
		Foliated	Fine Grained (1/16 to 1/256 mm)	Medium	Grey-Green										
						24.3	27.1	Pyrite	Disseminated	2	24.3	27.1	Pervasive	Carbonatization	Strong
								Comments					Comments		
27.1	29.7	V3B, Basalt									27.1	29.7	Pervasive	Carbonatization	Strong
		Oxidation Texture	Grain Size	Tone	Colour								Comments		
		Foliated	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green										
29.7	33.2	V2P3, Intermediate Lapilli Tuff				29.7	33.2	Pyrite	Disseminated	1	29.7	33.2	Pervasive	Carbonatization	Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments		
		Foliated	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green										
33.2	54.4	V3B, Basalt													

DRILL LOG REPORT

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo AF

Detailed Lithology						Mineralization					Alteration					
From	To	Lithology		Grain Size	Tone	Colour	From	To	Type	Style	%	From	To	Style	Type	Intensity
		Oxidation	Texture	Grain Size	Tone	Colour	33.2	36	Pyrite	Stringer	2	33.2	36	Pervasive	Carbonatization	Strong
			Foliated	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green			Comments					Comments		
							37.4	38.6	Pyrite	Stringer	2	37.4	38.6	Pervasive	Carbonatization	Strong
									Comments					Comments		
							38.6	54.5	Pyrite	Disseminated	2					
									Comments							
54.4	62.8	V3B, Basalt					38.6	54.5	Pyrite	Disseminated	2	54.4	62.8	Pervasive	Carbonatization	Moderate
		Oxidation	Texture	Grain Size	Tone	Colour			Comments					Comments		
			Feldspar Phyrlic	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green										
							54.5	62.8	Pyrite	Disseminated	1					
									Comments							
62.8	67.2	FltZ, Fault Zone					62.8	79.7	Pyrite	Fracture/Vein Controlled	5	62.8	67.2	Fracture/Vein Controlled	Oxidation	Strong
		Oxidation	Texture	Grain Size	Tone	Colour			Comments					Comments		
									vuggy							
67.2	88.0	V3B, Basalt					62.8	79.7	Pyrite	Fracture/Vein Controlled	5	67.2	79.7	Fracture/Vein Controlled	Oxidation	Strong
		Oxidation	Texture	Grain Size	Tone	Colour			Comments					Comments		
			Foliated	Fine Grained (1/16 to 1/256 mm)	Medium	Grey-Green			vuggy							
							79.7	88	Pyrite	Disseminated	3	79.7	88	Pervasive	Carbonatization	Strong
									Comments					Comments		
88.0	89.9	T2, Mylonite					88	89.9	Pyrite	Disseminated	15	88	89	Pervasive	Carbonatization	Strong
		Oxidation	Texture	Grain Size	Tone	Colour			Comments					Comments		
			Brecciated	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green										
89.9	111.0	V3B, Basalt					89.9	91	Pyrite	Disseminated	5	89.9	96.1	Pervasive	Carbonatization	Strong
		Oxidation	Texture	Grain Size	Tone	Colour			Comments					Comments		
			Foliated	Medium Grained (1/16 to 2 mm)	Medium	Grey-Green										

DRILL LOG REPORT

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo **AF**

Detailed Lithology			Mineralization			Alteration						
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
		to 2 mm)	91	96.1	Pyrite	Disseminated	1	96.1	101.3	Pervasive	Carbonatization	Moderate
					Comments					Comments		
			96.1	102	Pyrite	Disseminated	2					
					Comments							
			102	104.8	Pyrite	Disseminated	1					
					Comments							
			105.6	111	Pyrite	Disseminated	2					
					Comments							

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
20.0	21.0	B00395078	Core	0.0025	1	55.8	271	2
21.0	22.0	B00395079	Core	0.0025	1	106	82	5
22.0	23.0	B00395081	Core	0.0025	1	124	117	3
23.0	24.0	B00395082	Core	0.0025	1	109	87	1
24.0	25.0	B00395083	Core	0.0025	1	142	102	1
25.0	26.0	B00395084	Core	0.0025	1	110	106	1
26.0	27.0	B00395085	Core	0.0025	1	127	92	1
30.0	31.0	B00395086	Core	0.0025	1	103	90	1
31.0	32.0	B00395087	Core	0.0025	1	114	91	1
32.0	33.0	B00395088	Core	0.0025	1	121	97	1
41.0	42.0	B00395089	Core	0.0025	1	79.5	82	1
41.0	42.0	B00395090	Pulp	0.0025	1	109	85	1
42.0	43.0	B00395091	Core	0.0025	1	61	86	1

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo **AF**

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
43.0	44.0	B00395092	Core	0.0025	1	77.5	87	1
44.0	45.0	B00395093	Core	0.0025	1	121	93	1
45.0	46.0	B00395094	Core	0.0025	1	123	91	2
46.0	47.0	B00395095	Core	0.0025	1	83	86	1
47.0	48.0	B00395096	Core	0.0025	1	63.5	95	1
48.0	49.0	B00395097	Core	0.0025	1	96.6	85	1
49.0	50.0	B00395098	Core	0.0025	1	38.9	74	1
50.0	51.0	B00395099	Core	0.0025	1	80.4	97	1
51.0	52.0	B00395101	Core	0.0025	1	15.6	125	1
52.0	53.0	B00395102	Core	0.0025	1	56.3	104	1
56.0	57.0	B00395103	Core	0.0025	1	99.6	88	1
57.0	58.0	B00395104	Core	0.0025	1	106	108	2
58.0	59.0	B00395105	Core	0.0025	1	196	85	1
59.0	60.0	B00395106	Core	0.0025	1	83	81	1
60.0	61.0	B00395107	Core	0.0025	1	82.3	81	5
61.0	62.0	B00395108	Core	0.0025	1	91.7	81	1
62.0	63.0	B00395109	Core	0.0025	1	141	77	1
67.0	68.0	B00395111	Core	0.024	1	102	86	5
68.0	69.0	B00395112	Core	0.0025	1	101	90	1
69.0	70.0	B00395113	Core	0.095	1	83.5	88	3
70.0	71.0	B00395114	Core	0.0025	1	112	105	1
71.0	72.0	B00395115	Core	0.0025	1	76.4	68	1
72.0	73.0	B00395116	Core	0.0025	1	22.8	69	1
73.0	74.0	B00395117	Core	0.0025	1	60.2	85	1

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo

AF

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
74.0	75.0	B00395118	Core	0.014	1	164	88	6
75.0	76.0	B00395119	Core	0.0025	1	116	96	1
75.0	76.0	B00395120	Pulp	0.0025	1	77.9	86	3
76.0	77.0	B00395121	Core	0.0025	1	58.9	77	1
77.0	78.0	B00395122	Core	0.0025	1	74.3	109	1
78.0	79.0	B00395123	Core	0.024	1	67.8	131	4
79.0	80.0	B00395124	Core	0.015	1	55.8	133	2
80.0	81.0	B00395125	Core	0.107	1	51.1	82	5
81.0	82.0	B00395126	Core	0.022	1	119	81	4
82.0	83.0	B00395127	Core	0.018	1	64.7	78	1
83.0	84.0	B00395128	Core	0.007	1	30	89	3
84.0	85.0	B00395129	Core	0.25	1	99.3	81	3
85.0	86.0	B00395131	Core	0.009	1	71.4	58	1
86.0	87.0	B00395132	Core	0.0025	1	70.7	64	1
87.0	88.0	B00395133	Core	0.0025	1	105	67	1
88.0	89.4	B00395134	Core	3.238	1	56.2	73	24
89.4	90.0	B00395135	Core	0.346	1	24.2	89	16
90.0	91.0	B00395136	Core	0.358	1	56.5	88	9
91.0	92.0	B00395137	Core	0.086	1	24.2	91	24
92.0	93.0	B00395138	Core	0.175	1	22.3	77	14
93.0	94.0	B00395139	Core	0.177	1	32.2	87	14
94.0	95.0	B00395141	Core	0.024	1	28.8	87	11
99.0	100.0	B00395142	Core	0.0025	1	11.6	49	6
100.0	101.0	B00395143	Core	0.346	1	12.8	60	13

DRILL LOG REPORT

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
101.0	102.0	B00395144	Core	0.0025	1	105	257	98
102.0	103.0	B00395145	Core	0.03	1	21.4	61	9
103.0	104.0	B00395146	Core	0.087	1	20.4	104	18
104.0	105.0	B00395147	Core	0.0025	1	162	272	104
105.0	106.0	B00395148	Core	0.0025	1	40.7	78	33
106.0	107.0	B00395149	Core	0.0025	1	30	86	25
106.0	107.0	B00395150	Pulp	0.0025	1	29.8	83	25

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
15	18	3	2.89	96.33	1.13	39.1	
18	21	3	3.3	110	2.65	80.3	=111<M
21	24	3	3	100	2.23	74.33	<111<M
24	27	3	2.9	96.67	2.64	91.03	<111<
27	30	3	3.13	104.33	1.78	56.87	M>001<
30	33	3	3.07	102.33	2.51	81.76	
33	36	3	3	100	1.26	42	
36	39	3	3	100	1.7	56.67	
39	42	3	3.04	101.33	1.91	62.83	
42	45	3	3.01	100.33	1.25	41.53	=000<M
45	48	3	2.85	95	2.17	76.14	<111<
48	51	3	3.06	102	2.53	82.68	M>111>
51	54	3	2.91	97	1.71	58.76	
54	57	3	3	100	2.24	74.67	
57	60	3	3.09	103	2.64	85.44	

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo

AF
Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
60	63	3	3.03	101	2.42	79.87	
63	66	3	3	100	0	0	
66	69	3	3	100	2.01	67	
69	72	3	3.03	101	1.22	40.26	
72	75	3	3.12	104	1.47	47.12	
75	78	3	3.28	109.33	2.57	78.35	
78	81	3	3.23	107.67	1.89	58.51	
81	84	3	3	100	1.41	47	
84	87	3	3.18	106	2.16	67.92	
87	90	3	3.08	102.67	2.03	65.91	
90	93	3	3	100	1.74	58	
93	96	3	3.1	103.33	2.6	83.87	
96	99	3	2.95	98.33	1.2	40.68	
99	102	3	2.85	95	2.3	80.7	
102	105	3	2.85	95	2.6	91.23	
105	108	3	2.95	98.33	1.4	47.46	
108	111	3	3.1	103.33	0.75	24.19	

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
15	21	Foliation					
27.1	29.7	Foliation					
32.32	32.52	Fracturing					
38.14	38.8	Fracturing					
44.6	44.9	Fracturing					

Hole Number: QK-19-002

Resp. Person: Arnaud Fontaine, Géo

AF
Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
50.2	50.5	Fracturing					
56.77	57	Fracturing					
62.8	67.2	Fault					
73.5	74	Fault					
76.3	76.5	Fault					
78.4	78.8	Fracturing					vuggy rusty with cavity with carbonates
79.6	80.1	Fracturing					rusty
88	88.12	Gouge (Fault)					

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
26.1	Foliation	55	200								
28.78	Quartz-Carbonate Vein										
31.5	Foliation										
42	Foliation										
56.35	Quartz Vein										Blank quartz vein
58.55	Quartz-Carbonate Vein										
61	Foliation										
73	Foliation										
77.7	Carbonate Vein										Very fined disseminated pyrite
83	Foliation										
93.28	Quartz Vein							Ab			grey qtz vein with fine grain pyrite on the sides.

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology						Mineralization					Alteration				
From	To	Lithology				From	To	Type	Style	%	From	To	Style	Type	Intensity
		Oxidation	Texture	Grain Size	Tone										
		Feldspar	Phyric	Fine Grained (1/16 to 1/256 mm)	Dark	12	144.25	Pyrite	Disseminated	0.1					
								Comments							
68.0	76.75	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1					
		Oxidation	Texture	Grain Size	Tone										
			Foliated	Fine Grained (1/16 to 1/256 mm)	Dark			Comments							
76.75	81.0	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1					
		Oxidation	Texture	Grain Size	Tone										
			Feldspar	Phyric	Fine Grained (1/16 to 1/256 mm)	Dark		Comments							
81.0	88.4	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1	85.6	85.75	Along Foliation	Sericitization Strong	
		Oxidation	Texture	Grain Size	Tone								Comments		
			Foliated	Fine Grained (1/16 to 1/256 mm)	Dark			Comments							
88.4	90.7	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1					
		Oxidation	Texture	Grain Size	Tone										
			Massive	Fine Grained (1/16 to 1/256 mm)	Dark			Comments							
90.7	139.1	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1	137.43	139.1	Along Foliation	Sericitization Moderate	
		Oxidation	Texture	Grain Size	Tone								Comments		
			Feldspar	Phyric	Fine Grained (1/16 to 1/256 mm)	Dark		Comments							
139.1	147.0	V3B, Basalt				12	144.25	Pyrite	Disseminated	0.1	142.3	142.4	Along Foliation	Sericitization Strong	
		Oxidation	Texture	Grain Size	Tone								Comments		
			Massive	Fine Grained (1/16 to 1/256 mm)	Dark			Comments							
						144.25	196.06	Pyrite	Disseminated	1			Comments		
147.0	217.0	V3B, Basalt													
		Oxidation	Texture	Grain Size	Tone										

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization					Alteration				
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
		Feldspar Phyc	Fine Grained (1/16 to 1/256 mm)	Dark Grey	144.25	196.06	Pyrite	Disseminated	1	152.3	152.4	Along Foliation	Carbonization	Moderate
							Comments					Comments		
					196.06	201.7	Pyrite	Disseminated	2.5	164.67	164.9	Pervasive	Silicification	Weak
							Comments					Comments		
							along foliation							
					201.7	203.88	Pyrite	Fracture/Vein Controlled	2	190.35	190.68	Pervasive	Silicification	Weak
							Comments					Comments		
					204.5	205.3	Pyrite	Disseminated	2	194.36	196.06	Pervasive	Bleached/Bleaching	Strong
							Comments					Comments		
							SI too							
					206.78	206.83	Pyrite	Disseminated	2	201.7	203.88	Pervasive	Bleached/Bleaching	Strong
							Comments					Comments		
							SI too							
					207	207.39	Pyrite	Disseminated	4	204.95	207	Pervasive	Bleached/Bleaching	Strong
							Comments					Comments		
							SI too							
					209.7	209.9	Pyrite	Fracture/Vein Controlled	4	209	210.2	Pervasive	Bleached/Bleaching	Strong
							Comments					Comments		
							pyrite in grey quartz vein.							
					210	211.1	Pyrite	Disseminated	2	210.42	217	Pervasive	Bleached/Bleaching	Strong
							Comments					Comments		
							SI too							
					212.35	217	Pyrite	Stringer	5					
							Comments							
217.0	217.7	M26, Tectonic Breccia								217	217.7	Pervasive	Epidotization	Strong
		Oxidation	Texture	Grain Size	Tone	Colour						Comments		
			Brecciated	Fine Grained (1/16 to 1/256 mm)	Dark	Grey-Green						Fucshite		
217.7	242.4	V3B, Basalt												

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration							
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity	
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Medium	Colour Olive Green	229.8	242.4	Pyrite	Disseminated	5	217.7	229.8	Pervasive	Epidotization	Strong
								Comments very fine grain disseminated pyrite along foliation.					Comments		
						229.8	242.4						Pervasive	Epidotization	Strong
													Comments Fuchsite		
242.4	243.0	FltZ, Fault Zone													
		Oxidation Texture	Grain Size	Tone	Colour										
243.0	278.25	V3B, Basalt				243	263.26	Pyrite	Disseminated	5	243	278.25	Pervasive	Epidotization	Strong
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Medium	Colour Olive Green			Comments very fine grain disseminated pyrite 10% along foliation at 249-250					Comments si too		
						263.34	269.12	Pyrite	Disseminated	2					
								Comments disseminated fine grain pyrite along foliation							
						269.12	269.32						Comments		
						269.32	269.6						Comments		
						269.12	269.32	Pyrite					Comments		
						269.32	269.6	Pyrite					Comments		
						269.12	269.32						Comments		

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
			269.32	269.6								
					Comments							
			269.12	269.32		Semi-Massive						
					Comments							
			269.32	269.6		Disseminated						
					Comments							
			269.12	269.32			25					
					Comments							
			269.32	269.6			2					
					Comments							
			269.12	269.32								
					Comments							
					semi massive pyrite with graphite along foliation							
			269.32	269.6								
					Comments							
					disseminated fine grain pyrite along foliation							
			269.6	269.73	Pyrite	Semi-Massive	25					
					Comments							
					semi massive pyrite with graphite along foliation							
			269.73	270.15	Pyrite	Disseminated	2					
					Comments							
					disseminated fine grain pyrite along foliation							
			270.15	270.3	Pyrite	Disseminated	10					
					Comments							
					pyrite stringers with graphite parallel to foliation							

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AK

Detailed Lithology						Mineralization			Alteration						
From	To	Lithology				From	To	Type	Style	%	From	To	Style	Type	Intensity
						270.3	273.73	Pyrite	Disseminated	2					
								Comments disseminated fine grain pyrite along foliation							
						273.73	274	Pyrite	Stringer	4					
								Comments pyrite stringers along foliation.							
						274	277.21	Pyrite	Disseminated	2					
								Comments disseminated fine grain pyrite along foliation							
						277.21	277.75	Pyrite	Stringer	12					
								Comments fine disseminated pyrite stringers along foliation							
						277.75	278.25	Pyrite	Disseminated	2					
								Comments disseminated fine grain pyrite along foliation							
278.25	291.0	V3B, Basalt				281.1	283.06	Pyrite	Stringer	2	278.25	291	Pervasive	Epidotization	Strong
		Oxidation	Texture	Grain Size	Tone	Colour							Comments		
		Feldspar	Phyric	Fine Grained (1/16 to 1/256 mm)	Medium	Olive Green							stringers of pyrite folded perpendicular to foliation.		
							285.7	285.9	Pyrite	Disseminated	2				
								Comments							
							288	291	Pyrite	Disseminated	0.5				
								Comments trace to 1% fine disseminated pyrite.							

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
15.0	16.0	B00395151	Core	0.0025	1	25.6	78	19
16.0	17.0	B00395152	Core	0.0025	1	19.3	68	18

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
17.0	18.0	B00395153	Core	0.0025	1	25.1	88	14
18.0	19.0	B00395154	Core	0.0025	1	26.6	86	41
19.0	20.0	B00395155	Core	0.0025	1	22.8	79	23
20.0	21.0	B00395156	Core	0.0025	1	20.9	70	19
26.0	27.0	B00395157	Core	0.0025	1	28.8	101	18
27.0	28.0	B00395158	Core	0.02	1	20.6	66	21
28.0	29.0	B00395159	Core	0.007	1	36.2	77	14
29.0	30.0	B00395161	Core	0.0025	1	21.9	94	24
30.0	31.0	B00395162	Core	0.0025	1	26.8	75	12
31.0	32.0	B00395163	Core	0.0025	1	27.5	96	12
32.0	33.0	B00395164	Core	0.0025	1	16.3	65	12
39.0	40.0	B00395165	Core	0.0025	1	30.6	92	19
40.0	41.0	B00395166	Core	0.0025	1	20.3	77	24
41.0	42.0	B00395167	Core	0.013	1	13.7	43	21
42.0	43.0	B00395168	Core	0.0025	1	27.1	84	30
43.0	44.0	B00395169	Core	0.0025	1	27.3	104	26
44.0	45.0	B00395171	Core	0.0025	1	23	83	22
54.0	55.0	B00395172	Core	0.005	1	25.1	75	28
55.0	56.0	B00395173	Core	0.0025	1	25.5	94	14
56.0	57.0	B00395174	Core	0.0025	1	26.6	101	19
57.0	58.0	B00395175	Core	0.006	1	25.7	99	21
58.0	59.0	B00395176	Core	0.0025	1	23.1	84	21
62.0	63.0	B00395177	Core	0.0025	1	19.6	76	22
63.0	64.0	B00395178	Core	0.0025	1	23.7	80	22

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
64.0	65.0	B00395179	Core	0.0025	1	20.1	81	24
64.0	65.0	B00395180	Pulp	0.0025	1	20.2	77	26
67.0	68.0	B00395181	Core	0.0025	1	17.9	74	22
68.0	69.0	B00395182	Core	0.0025	1	22.4	79	26
69.0	70.0	B00395183	Core	0.005	1	22.1	82	26
83.0	84.0	B00395184	Core	0.0025	1	25.4	94	24
84.0	85.0	B00395185	Core	0.0025	1	29.1	95	31
85.0	86.0	B00395186	Core	0.0025	1	29.8	95	21
86.0	87.0	B00395187	Core	0.0025	1	24.2	93	51
87.0	88.0	B00395188	Core	0.0025	1	18.3	79	19
88.0	89.0	B00395189	Core	0.0025	1	19.5	75	21
89.0	90.0	B00395191	Core	0.0025	1	13.1	55	22
90.0	91.0	B00395192	Core	0.0025	1	17.9	72	12
91.0	92.0	B00395193	Core	0.007	1	10.9	44	19
92.0	93.0	B00395194	Core	0.0025	1	15.5	59	19
93.0	94.0	B00395195	Core	0.008	1	12.6	49	17
94.0	95.0	B00395196	Core	0.0025	1	14.5	50	20
105.0	106.0	B00395197	Core	0.0025	1	11.7	45	19
106.0	107.0	B00395198	Core	0.0025	1	15.3	58	19
107.0	108.0	B00395199	Core	0.107	1	12.6	56	18
118.0	119.0	B00395201	Core	0.0025	1	24.8	84	20
119.0	120.0	B00395202	Core	0.0025	1	26.3	90	26
120.0	121.0	B00395203	Core	0.0025	1	21.7	85	26
124.0	125.0	B00395204	Core	0.0025	1	18.3	71	19

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
125.0	126.0	B00395205	Core	0.0025	1	17.6	83	24
126.0	127.0	B00395206	Core	0.0025	1	23.9	93	24
130.0	131.0	B00395207	Core	0.0025	1	12.3	63	19
131.0	132.0	B00395208	Core	0.0025	1	17.3	70	22
132.0	133.0	B00395209	Core	0.0025	1	13.2	69	19
132.0	133.0	B00395210	Pulp	0.0025	1	14.4	76	21
136.0	137.0	B00395211	Core	0.0025	1	16.1	77	22
137.0	138.0	B00395212	Core	0.0025	1	41.7	89	10
138.0	139.12	B00395213	Core	0.0025	1	57.5	80	8
139.12	140.0	B00395214	Core	0.006	1	18.5	50	17
140.0	141.0	B00395215	Core	0.0025	1	10.7	61	20
141.0	142.0	B00395216	Core	0.0025	2	10.9	57	17
142.0	143.0	B00395217	Core	0.0025	1	14.1	62	25
143.0	144.0	B00395218	Core	0.0025	1	7.8	40	22
144.0	145.0	B00395219	Core	0.0025	1	19.9	72	19
145.0	146.0	B00395221	Core	0.005	1	10.7	53	20
149.0	150.0	B00395222	Core	0.0025	1	19.6	87	26
150.0	151.0	B00395223	Core	0.0025	1	16.7	86	14
151.0	152.0	B00395224	Core	0.0025	1	11.7	58	17
152.0	153.0	B00395225	Core	0.0025	1	36.1	77	17
153.0	154.0	B00395226	Core	0.0025	1	19.2	76	24
154.0	155.0	B00395227	Core	0.0025	1	19.8	81	21
159.0	160.0	B00395228	Core	0.014	1	17.7	75	16
160.0	161.0	B00395229	Core	0.0025	1	23.5	105	25

Hole Number: QK-19-003

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
161.0	162.0	B00395231	Core	0.0025	1	26.8	90	24
172.0	173.0	B00395232	Core	0.0025	1	19.5	78	23
173.0	174.0	B00395233	Core	0.0025	1	28.2	58	16
174.0	175.0	B00395234	Core	0.0025	1	75.7	66	7
175.0	176.0	B00395235	Core	0.0025	1	30.9	41	11
176.0	177.0	B00395236	Core	0.0025	1	25.4	74	21
181.0	182.0	B00395237	Core	0.0025	1	16.9	69	22
182.0	183.0	B00395238	Core	0.0025	1	17.2	61	29
183.0	184.0	B00395239	Core	0.0025	1	17.7	72	22
183.0	184.0	B00395240	Pulp	0.0025	1	17.8	69	22
184.0	185.0	B00395241	Core	0.0025	1	15.5	67	26
185.0	186.0	B00395242	Core	0.0025	1	13.3	74	23
186.0	187.0	B00395243	Core	0.0025	1	10.6	61	22
187.0	188.0	B00395244	Core	0.0025	1	20.4	79	19
188.0	189.0	B00395245	Core	0.0025	1	17.5	73	24
194.0	195.0	B00395246	Core	0.0025	1	54.5	65	6
195.0	196.0	B00395247	Core	0.0025	1	77.3	56	6
196.0	197.0	B00395248	Core	0.0025	1	13.5	67	22
197.0	198.0	B00395249	Core	0.0025	1	13.9	70	32
198.0	199.0	B00395251	Core	0.0025	1	18.3	73	25
199.0	200.0	B00395252	Core	0.0025	1	16.2	67	20
200.0	201.0	B00395253	Core	0.0025	1	17.3	84	15
201.0	202.0	B00395254	Core	0.0025	1	16.7	67	22
202.0	203.0	B00395255	Core	0.0025	1	32.9	74	11

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
203.0	204.0	B00395256	Core	0.0025	1	47.9	83	5
204.0	205.27	B00395257	Core	0.0025	1	21.3	95	1
205.27	206.0	B00395258	Core	0.0025	1	78.1	82	1
206.0	207.0	B00395259	Core	0.0025	1	46.9	93	3
207.0	207.78	B00395261	Core	0.0025	1	90.9	76	3
207.78	209.0	B00395262	Core	0.0025	1	77.8	64	1
209.0	209.87	B00395263	Core	0.0025	1	93.9	63	1
209.87	211.0	B00395264	Core	0.0025	1	95.8	71	3
211.0	211.7	B00395265	Core	0.0025	1	80.7	90	5
211.7	213.0	B00395266	Core	0.0025	1	34.6	96	6
213.0	214.0	B00395267	Core	0.0025	1	58.5	108	5
214.0	215.0	B00395268	Core	0.0025	1	74.2	135	6
215.0	216.0	B00395269	Core	0.0025	1	66.8	143	5
215.0	216.0	B00395270	Pulp	0.0025	1	84	144	6
216.0	217.0	B00395271	Core	0.0025	1	96.2	122	10
217.0	218.0	B00395272	Core	0.0025	1	26.5	94	1
218.0	219.0	B00395273	Core	0.0025	1	56.2	88	1
219.0	220.0	B00395274	Core	0.0025	1	28.8	102	1
220.0	221.0	B00395275	Core	0.0025	1	84.4	108	7
221.0	222.0	B00395276	Core	0.0025	1	209	87	1
222.0	223.0	B00395277	Core	0.0025	1	68.6	93	1
223.0	224.0	B00395278	Core	0.0025	1	67.6	87	1
224.0	225.0	B00395279	Core	0.0025	1	143	74	1
225.0	226.0	B00395281	Core	0.0025	1	74.3	83	1

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
226.0	227.0	B00395282	Core	0.0025	1	30.4	78	1
227.0	228.0	B00395283	Core	0.054	1	70.8	73	1
228.0	229.0	B00395284	Core	0.0025	1	149	71	1
229.0	230.0	B00395285	Core	0.0025	1	66.2	87	7
230.0	231.0	B00395286	Core	0.229	1	128	247	22
231.0	232.0	B00395287	Core	0.082	1	759	1108	53
232.0	233.0	B00395288	Core	0.0025	1	61.7	58	1
233.0	233.94	B00395289	Core	0.0025	1	84.5	67	1
233.94	235.0	B00395291	Core	0.0025	1	74.6	64	1
235.0	236.0	B00395292	Core	0.0025	1	61.6	51	1
236.0	237.0	B00395293	Core	0.0025	1	84.5	58	1
237.0	238.0	B00395294	Core	0.023	1	80.3	63	1
238.0	239.0	B00395295	Core	0.0025	1	76.6	55	4
239.0	240.0	B00395296	Core	0.0025	1	61.6	55	1
240.0	241.0	B00395297	Core	0.007	1	83.5	67	4
241.0	242.0	B00395298	Core	0.0025	1	75.9	65	1
242.0	243.0	B00395299	Core	0.0025	1	59.2	57	5
242.0	243.0	B00395300	Pulp	0.0025	1	68	58	5
243.0	244.0	B00395301	Core	0.014	1	62.7	64	5
244.0	245.0	B00395302	Core	0.0025	1	118	71	6
245.0	246.0	B00395303	Core	0.0025	1	49.5	51	5
246.0	247.0	B00395304	Core	0.0025	1	96.7	77	5
247.0	248.0	B00395305	Core	0.0025	1	96.7	91	5
248.0	249.0	B00395306	Core	0.0025	1	70.6	79	5

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
249.0	250.0	B00395307	Core	0.016	1	133	194	10
250.0	251.0	B00395308	Core	0.0025	1	71.7	94	5
251.0	252.0	B00395309	Core	0.0025	1	72.5	79	5
252.0	253.0	B00395311	Core	0.0025	1	79.7	74	4
253.0	254.0	B00395312	Core	0.0025	1	71.1	63	5
254.0	255.0	B00395313	Core	0.0025	1	83.2	56	4
255.0	256.0	B00395314	Core	0.0025	1	72.2	55	5
256.0	257.0	B00395315	Core	0.0025	1	105	59	5
257.0	258.0	B00395316	Core	0.0025	1	90.9	52	4
258.0	259.0	B00395317	Core	0.0025	1	81.4	62	2
259.0	260.0	B00395318	Core	0.0025	1	82.6	58	2
260.0	261.0	B00395319	Core	0.0025	1	71.7	55	2
261.0	262.0	B00395321	Core	0.0025	1	74.4	55	3
262.0	263.0	B00395322	Core	0.0025	1	78.8	55	3
263.0	264.0	B00395323	Core	0.0025	1	63.2	123	4
264.0	265.0	B00395324	Core	0.005	1	64.9	137	5
265.0	266.0	B00395325	Core	0.0025	1	69.7	160	6
266.0	267.0	B00395326	Core	0.0025	1	61.8	148	7
267.0	268.0	B00395327	Core	0.007	1	69.6	156	7
268.0	269.0	B00395328	Core	0.0025	1	70.3	174	5
269.0	270.0	B00395329	Core	0.01	1	115	244	9
269.0	270.0	B00395330	Pulp	0.008	1	132	269	12
270.0	271.0	B00395331	Core	0.0025	1	99.5	168	4
271.0	272.0	B00395332	Core	0.0025	1	63.3	200	3

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
272.0	273.0	B00395333	Core	0.0025	1	85.2	154	4
273.0	274.0	B00395334	Core	0.011	1	81	158	9
274.0	275.0	B00395335	Core	0.0025	1	58.5	153	2
275.0	276.0	B00395336	Core	0.0025	1	66.9	186	3
276.0	277.0	B00395337	Core	0.006	1	74.3	282	5
277.0	278.0	B00395338	Core	0.013	1	315	350	13
278.0	279.0	B00395339	Core	0.0025	1	74.4	155	7
279.0	280.0	B00395341	Core	0.0025	1	52.5	119	4
280.0	281.0	B00395342	Core	0.0025	1	9.7	94	4
281.0	282.0	B00395343	Core	0.0025	1	52.2	112	6
282.0	283.0	B00395344	Core	0.0025	1	41.8	96	6
283.0	284.0	B00395345	Core	0.0025	1	48.5	99	5
284.0	285.0	B00395346	Core	0.0025	1	60.6	150	5
285.0	286.0	B00395347	Core	0.011	1	179	150	5
286.0	287.0	B00395348	Core	0.0025	1	82.1	62	3
287.0	288.0	B00395349	Core	0.0025	1	42.8	123	4
288.0	289.0	B00395351	Core	0.0025	1	72.4	141	4
289.0	290.0	B00395352	Core	0.0025	1	63	143	4
290.0	291.0	B00395353	Core	0.0025	1	49.1	86	3

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
12	15	3	2.8	93.33	0.9	32.14	
15	18	3	2.7	90	0.6	22.22	
18	21	3	2.85	95	0.65	22.81	

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
21	24	3	3.05	101.67	0.6	19.67	
24	27	3	2.5	83.33	0.3	12	
27	30	3	2.8	93.33	0.75	26.79	
30	33	3	2.85	95	1.3	45.61	
33	36	3	2.9	96.67	1.25	43.1	
36	39	3	3.15	105	1.65	52.38	
39	42	3	3.15	105	1.05	33.33	
42	45	3	3.15	105	0.5	15.87	
45	48	3	3	100	0.6	20	
48	51	3	2.8	93.33	0.11	3.93	=000<
51	54	3	3.18	106	0.35	11.01	
54	57	3	3.2	106.67	1	31.25	
57	60	3	2.95	98.33	1.07	36.27	=001<
60	63	3	3	100	1.8	60	=011<
63	66	3	3	100	1.6	53.33	
66	69	3	3.1	103.33	1.95	62.9	
69	72	3	2.85	95	2	70.18	=011<
72	75	3	3	100	1.9	63.33	-160<111<
75	78	3	3	100	2.2	73.33	M>100=
78	81	3	3.1	103.33	2.2	70.97	=111<
81	84	3	2.95	98.33	2	67.8	M>111=
84	87	3	3	100	2.05	68.33	=111<
87	90	3	2.9	96.67	2.35	81.03	15<111<
90	93	3	3.05	101.67	2.05	67.21	150<111<

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
93	96	3	3.05	101.67	2.6	85.25	155<111<
96	99	3	2.95	98.33	2.2	74.58	170<111<
99	102	3	3	100	2	66.67	M>1.11<
102	105	3	3.05	101.67	2.4	78.69	150<111<
105	108	3	3.05	101.67	2.35	77.05	M>11.1<
108	111	3	2.95	98.33	2.15	72.88	M>111>
111	114	3	3	100	1.8	60	M>1.11<
114	117	3	3.05	101.67	2.05	67.21	M>001<
117	120	3	3	100	2.3	76.67	M>110=
120	123	3	3	100	2.2	73.33	
123	126	3	3.05	101.67	2.3	75.41	=011<
126	129	3	3	100	2.1	70	30<111<
129	132	3	3.1	103.33	2.05	66.13	190<111<
132	135	3	3.05	101.67	2.55	83.61	0<111<
135	138	3	3	100	2.5	83.33	0<111<
138	141	3	3	100	2.5	83.33	M>111>
141	144	3	2.85	95	2.45	85.96	160<111<
144	147	3	2.9	96.67	2.7	93.1	20<111<
147	150	3	3.05	101.67	2.15	70.49	0<111<
150	153	3	2.9	96.67	1.8	62.07	M>1.11<
153	156	3	2.95	98.33	1.9	64.41	0<111<
156	159	3	3	100	2.7	90	0<111<
159	162	3	3	100	2.6	86.67	20<111<
162	165	3	3.1	103.33	2.3	74.19	35<111<

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
165	168	3	3	100	2.48	82.67	35<111<
168	171	3	2.95	98.33	2.7	91.53	-5<111<
171	174	3	2.9	96.67	2.4	82.76	180<111<
174	177	3	3.05	101.67	2.25	73.77	180<111<
177	180	3	3.05	101.67	2.35	77.05	5<111<
180	183	3	3	100	2.65	88.33	10<111<
183	186	3	3.05	101.67	2.85	93.44	0<111<
186	189	3	3	100	2.4	80	140<111<
189	192	3	2.95	98.33	2.45	83.05	M>111=
192	195	3	3	100	2.65	88.33	<111<
195	198	3	3.05	101.67	2.65	86.89	M>1.11<
198	201	3	3	100	2.7	90	M>100<
201	204	3	2.95	98.33	2.4	81.36	0<111<
204	207	3	2.95	98.33	2.7	91.53	M>100=
207	210	3	3.1	103.33	3	96.77	=000<
210	213	3	3	100	2.05	68.33	M>100<M
213	216	3	2.98	99.33	2.95	98.99	<111<M
216	219	3	3	100	2.8	93.33	<111<
219	222	3	3	100	2.9	96.67	0<111<
222	225	3	3.05	101.67	2.9	95.08	M>100=
225	228	3	3	100	2.8	93.33	=000<M
228	231	3	2.85	95	2.55	89.47	<111<
231	234	3	3	100	2.45	81.67	M>100=
234	237	3	3.15	105	2.75	87.3	=000=

DRILL LOG REPORT

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
237	240	3	3	100	2.4	80	=001<
240	243	3	2.95	98.33	2.2	74.58	M>110=
243	246	3	2.95	98.33	2.5	84.75	=000<
246	249	3	2.95	98.33	2.65	89.83	M>1.11<
249	252	3	3.05	101.67	2.8	91.8	
252	255	3	3	100	2.8	93.33	
255	258	3	2.85	95	2.75	96.49	
258	261	3	3.1	103.33	3.05	98.39	
261	264	3	3	100	2.8	93.33	
264	267	3	2.9	96.67	2.8	96.55	
267	270	3	3.2	106.67	2.9	90.62	
270	273	3	2.95	98.33	2.7	91.53	
273	276	3	2.95	98.33	2.2	74.58	
276	279	3	3.15	105	2.7	85.71	
279	282	3	3.05	101.67	2.6	85.25	
282	285	3	3.05	101.67	2.65	86.89	
285	288	3	2.9	96.67	2.45	84.48	
288	291	3	2.95	98.33	2.5	84.75	

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
12	12.2	Broken Core					oxidized
27	27.58	Broken Core					oxidized
28.5	28.89	Broken Core					oxidized
32.4	32.8	Broken Core					

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
33.85	34.28	Broken Core					
41.57	41.67	Broken Core					oxidized
42.5	43.22	Broken Core					
44.16	44.51	Broken Core					
50.7	50.9	Broken Core					
52	52.5	Broken Core					
56.56	56.72	Broken Core					
60	60.12	Broken Core					
149.3	150.7	Foliation	58	235			
151.82	152.6	Foliation	70	200			
153.25	153.4	Foliation	70	200			
153.7	153.8	Foliation	70	200			
154	162	Foliation	60	240			
162	162.32	Foliation					
209.72	210.2	Foliation	70	30			
210.42	217	Foliation					
217	217.7	Brecciation					
217.7	218	Foliation					
219	220	Brecciation					highly deformed.
229	242.4	Foliation					
242.4	243	Fault					
243	278.25	Foliation					
279	291	Foliation					

Point Structure

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
14.5	Foliation										
17.7	Foliation										
20.58	Quartz Vein										trace pyrite
26	Foliation										
28.07	Quartz-Carbonate Vein										
32.45	Quartz-Carbonate Vein										
33	Foliation										
37.5	Foliation										
40.5	Quartz Vein										cavity
43.5	Foliation										
47.96	Quartz Vein										
48	Foliation										
50.5	Foliation										
54	Foliation										
56.25	Quartz Vein										narrow vein along foliation, with cross cut narrow vein with pyrite,
60	Foliation										
84.82	Calcite Vein	56	30								
86.7	Calcite Vein	50	230								
87.25	Quartz-Carbonate Vein	25	200								
90.33	Calcite Vein	50	240								
94.1	Quartz Vein	48	340								
94.33	Quartz Vein	48	20								
109.75	Foliation	54	230								
120.05	Calcite Vein							32			pyrite in fracture

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
127.2	Calcite Vein	68	20								
134.06	Foliation	62	30								
142.2	Quartz-Carbonate Vein	45	180								
142.96	Quartz-Carbonate Vein	25	185								
149.75	Bedding	58	235								
154.3	Bedding	70	200								
159.08	Quartz-Carbonate Vein	15	10								
160.04	Foliation	60	240								
160.1	Quartz-Carbonate Vein	12	20								
168.55	Foliation	58	200								
173.95	Quartz-Carbonate Vein	76	270								
174.1	Bedding	55	200								
175.35	Fracturing	50	180								fracture post sulphides.
181.35	Quartz-Carbonate Vein	27	5								
186.23	Quartz Vein	28	250								
187.75	Quartz Vein	57	255								25 cm massive vein
188.85	Quartz Vein	37	225								
195.2	Foliation	67	345								
195.75	Fracturing	65	160								
195.76	Fracturing	70	200								
196.77	Quartz Vein	62	75								
202.19	Quartz-Carbonate Vein	70	30								
206.62	Quartz-Carbonate Vein										
206.93	Quartz-Carbonate Vein										

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo **AF**
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
207.07	Stringer										pyrite stringer
209.85	Quartz Vein	55	80								grey qtz vein with pyrite,
211.32	Quartz-Carbonate Vein										boudinated qtz carb vein with lots of pyrite.
211.38	Quartz-Carbonate Vein										boudinated qtz carb vein with lots of pyrite, 2110 Cu XRF
211.7	Quartz-Carbonate Vein										
213.12	Fracturing	18	355								fracture with plated pyrite,
213.53	Calcite Vein	65	25								calcite vein with pyrite
216.82	Stringer	18	160								pyrite stringer
222.56	Quartz-Carbonate Vein	5	5								
229.07	Quartz-Carbonate Vein	54	180								
230.6	Quartz Vein	80	315								qtz vein with sulphides surrounding
231.28	Stringer	75	160								
231.53	Quartz Vein	80	90								grey qtz vein with sulphides
233.15	Quartz Vein										
233.94	Foliation										
238.74	Quartz Vein										
239.06	Quartz Vein										
239.87	Foliation	68	245								
244.34	Quartz Vein										
245.05	Quartz Vein										grey qtz vein
245.75	Quartz Vein	12	60								
248.04	Foliation	40	45								
249.55	Stringer	75	270								series of pyrite stringers near shear.
249.95	Shearing	45	190								crenulation

Hole Number: QK-19-003

Resp. Person: Arnaud Fontaine, Géo

AF
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
249.96	Shearing	75	10								crenulation
257.88	Foliation	62	10								
257.96	Quartz Vein	25	5								
259.2	Foliation	44	10								
264.86	Quartz Vein	45	15								grey qtz vein
268.38	Stringer	68	315								
269.18	Stringer	45	330								Pyrite stringers parallel to foliation with graphite.
269.7	Stringer										pyrite stringers with graphite,
270.15	Stringer	43	20								pyrite stringers with graphite.
273.8	Stringer										pyrite stringers parallel to foliation.
273.81	Foliation										
277.5	Stringer										pyrite stringers along foliation
277.51	Foliation										
279	Quartz Vein	35	355								massive white qtz vein.
285.36	Quartz Vein	66	95								grey qtz vein
285.43	Quartz Vein	72	95								Beige qtz vein
285.82	Stringer	52	140								pyrite stringers.
288.11	Foliation	68	155								

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo *AF*

Project	Drilling	Collar	Coordinates
Project Number: Qiqavik Claim Number: 2457261 Property: Purpose: Exp Target: NTS: 35G11 Operator: OMC	Drilling Started: Aug 13, 2019 Drilling Completed: Aug 16, 2019 Drilling Contractor: Forage G4 Core Location: CC Object in Hole: OIH Comments:	UTM Zone: NAD83 / UTM zone 18N Collar Survey Type: DGPS Geophysics Contractor: Casing: HW Casing Status: Left In Hole Oriented: Y	Collar Dip: -45 Collar Azi: 0 Length: 285 Northing: 6,823,185 Easting: 477,007 Elevation: 378.45 Logged By: Geologist 1: Brian Bélisle, Géo <i>[Signature]</i> Geologist 2: Arnaud Fontaine, Géo <i>[Signature]</i> Geologist 3: Geologist 4:



Detailed Lithology					Mineralization			Alteration				
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
0.0	23.8	OB, Overburden										
		Oxidation Texture	Grain Size	Tone	Colour							
23.8	32.4	V3P3, Mafic Lapilli Tuff	23.8	157	Pyrite	Disseminated	1	29.65	32.4	Pervasive	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour	Comments				Comments		
		Foliated	Fine Grained (1/16 to 1/256 mm)	Dark	Grey	trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters						
32.4	34.6	V3B, Basalt	23.8	157	Pyrite	Disseminated	1	32.4	34.6	Pervasive	Bleached/Bleaching	Strong
		Oxidation Texture	Grain Size	Tone	Colour	Comments				Comments		
		Foliated	Medium Grained (1/16 to 2 mm)	Dark	Grey	trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters						
34.6	39.75	V3P3, Mafic Lapilli Tuff	23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture	Grain Size	Tone	Colour	Comments						
		Foliated	Fine Grained (1/16 to 1/256 mm)	Dark	Grey	trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters						
39.75	40.2	V3P4, Mafic Ash Tuff						39.75	40.2	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour					Comments		
		Foliated	Very Fine Grained (less	Dark	Grey							

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo AF

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
				than 1/256 mm)	23.8	157	Pyrite	Disseminated	1					
							Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
40.2	45.75	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
45.75	48.32	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	45.75	48.32	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
48.32	48.8	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
48.8	50.63	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	48.8	50.63	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
50.63	52.0	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
52.0	52.58	V3B, Basalt			23.8	157	Pyrite	Disseminated	1	52	52.58	Pervasive	Bleached/Bleaching	Strong
		Oxidation Texture Foliated	Grain Size Medium Grained (1/16 to 2 mm)	Tone Dark										
				Colour Grey			Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
52.58	53.7	FltZ, Fault Zone												
		Oxidation Texture	Grain Size	Tone										
				Colour										

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
					23.8	157	Pyrite	Disseminated	1					
							Comments							
							trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
53.7	60.3	V3B, Basalt			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Medium Grained (1/16 to 2 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
60.3	61.27	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	60.3	61.27	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Very Fine Grained (less than 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
61.27	62.6	V3B, Basalt			23.8	157	Pyrite	Disseminated	1	61.27	62.6	Along Foliation	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Medium Grained (1/16 to 2 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
62.6	66.1	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	62.6	66.1	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Very Fine Grained (less than 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
66.1	69.5	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Fine Grained (1/16 to 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
69.5	70.2	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	69.5	70.2	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Very Fine Grained (less than 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
70.2	72.0	V3P3, Mafic Lapilli Tuff												
		Oxidation Texture	Grain Size	Tone										
		Foliated	Fine Grained	Dark										

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
		(1/16 to 1/256 mm)			23.8	157	Pyrite	Disseminated	1					
							Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
72.0	72.9	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	72	72.9	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Very Fine Grained (less than 1/256 mm)	Dark	Grey								
72.9	73.6	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Fine Grained (1/16 to 1/256 mm)	Dark	Grey								
73.6	74.5	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	73.6	74.5	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Very Fine Grained (less than 1/256 mm)	Dark	Grey								
74.5	76.5	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Fine Grained (1/16 to 1/256 mm)	Dark	Grey								
76.5	82.55	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	76.5	82.55	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Very Fine Grained (less than 1/256 mm)	Dark	Grey								
82.55	85.55	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation	Texture	Grain Size	Tone	Colour	Comments trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters					Comments		
		Foliated		Fine Grained (1/16 to 1/256 mm)	Dark	Grey								
85.55	86.3	V3P4, Mafic Ash Tuff								85.55	86.3	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation	Texture	Grain Size	Tone	Colour	Comments					Comments		
		Foliated		Very Fine	Dark	Grey								

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
			Grained (less than 1/256 mm)		23.8	157	Pyrite	Disseminated	1					
							Comments							
							trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
86.3	109.2	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1					
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Fine Grained (1/16 to 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
109.2	119.6	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	109.2	119.6	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Medium Grained (1/16 to 2 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
119.6	133.8	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1	119.6	119.8	Pervasive	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Fine Grained (1/16 to 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
133.8	134.09	V3B, Basalt			23.8	157	Pyrite	Disseminated	1	133.8	134.09	Pervasive	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Medium Grained (1/16 to 2 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
134.09	156.0	V3P4, Mafic Ash Tuff			23.8	157	Pyrite	Disseminated	1	134.09	156	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Very Fine Grained (less than 1/256 mm)	Dark			trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							
156.0	158.25	V3P3, Mafic Lapilli Tuff			23.8	157	Pyrite	Disseminated	1	156	158.25	Pervasive	Silicification	Moderate
		Oxidation Texture	Grain Size	Tone			Comments							
		Foliated	Fine Grained (1/16 to 1/256 mm)				trace to 5% fine to coarse pyrite crystals parallel to foliation and in clusters							

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo **AF**

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
					157	158.25	Pyrrhotite	Banded	7.5					
							Comments trace to 5% fine to coarse pyrite along foliation, disseminated and clusters, 5-10% pyrrhotite banding along foliation (mm to 0.5cm thick) magnetic							
158.25	160.68	MShrZ, Mineralized Shear Zone			158.25	159	Pyrrhotite	Banded	25	158.25	160.68	Along Foliation	Silicification	Strong
		Oxidation Texture	Grain Size	Tone	Colour							Comments		
							Comments 25% colloform magnetic pyrrhotite bands (mm to 0.5cm thick) mixed with mm to cm extensional greyish quartz veins and 20% pyrite disseminated, in clusters and along foliation and fractures edges							
						159	160	Pyrrhotite	Banded	40				
							Comments 40% colloform magnetic pyrrhotite bands (mm to 0.5cm thick) mixed with 15-20% pyrite disseminated, in clusters and along foliation and fractures edges							
						160	160.68	Pyrrhotite	Banded	20				
							Comments 20% colloform magnetic pyrrhotite bands (mm to 0.5cm thick) mixed with 15-20% pyrite disseminated, in clusters and along foliation and fractures edges							
160.68	165.0	I1N, Quartz Vein			160.68	165	Pyrrhotite	Banded	10					
		Oxidation Texture	Grain Size	Tone	Colour									
				Medium	Grey		Comments 5-15% colloform magnetic pyrrhotite bands (mm to 0.5cm thick) mixed with 5-10% pyrite disseminated, in clusters and along foliation and fractures edges							
165.0	166.35	MShrZ, Mineralized Shear Zone			165	166.35	Pyrrhotite	Banded	50	165	166.35	Along Foliation	Silicification	Strong
		Oxidation Texture	Grain Size	Tone	Colour							Comments		
							Comments 50% colloform magnetic pyrrhotite bands (mm to 0.5cm thick), 20-25% pyrite disseminated, in clusters and along foliation and fractures edges, trace to 1% sphalerite							
166.35	179.0	V3P3, Mafic Lapilli Tuff												

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization					Alteration					
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity	
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone	Colour	166.35	171	Pyrrhotite	Banded	5	166.35	179	Along Foliation	Sericitization	Moderate
								Comments 5% colloform magnetic pyrrhotite bands (mm to 0.5cm thick) mixed with 5-10% pyrite disseminated, in clusters and along foliation and fractures edges, trace to 1% sphalerite					Comments Silicification more present near MShrZ		
						171	176.3	Pyrrhotite	Stringer	5					
								Comments sulphides basically consists of pyrrhotite stringers and irregular placage of fine to disseminated PO?							
179.0	182.5	MShrZ, Mineralized Shear Zone				179	182.5	Pyrrhotite	Banded	22	179	182.5	Along Foliation	Sericitization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour			Comments Po banded along foliation. Py fine along foliation and coarse grained disseminated.					Comments		
				Medium	Grey										
182.5	185.57	I1N, Quartz Vein									182.5	185.57	Fracture/Vein Controlled	Sericitization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour								Comments		
185.57	186.3	V3PF, Sulphidic Mafic Volcaniclastic (Created for local geology)				185.57	186	Pyrrhotite	Laminated	30					
		Oxidation Texture Laminated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone	Colour			Comments Primary sulphides with 1 stringer of 1cm coarse py							
186.3	187.38	I1N, Quartz Vein									186.3	187.38	Fracture/Vein Controlled	Sericitization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour								Comments		
				Medium	Grey										
187.38	198.73	MShrZ, Mineralized Shear Zone				187.38	198.73	Pyrrhotite	Banded	35	187.38	198.73	Along Foliation	Silicification	Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments Fine bands mm of Po along foliation and irregular (folded). 10-15% py fine to coarse banded, disseminated. As and Au Xrf					Comments Locally strong sericitization		
198.73	200.2	I1N, Quartz Vein				198.73	200.2	Arsenopyrite	Fracture/Vein Controlled	5	198.73	200.2	Fracture/Vein Controlled	Chloritization	Strong
		Oxidation Texture Brecciated	Grain Size	Tone	Colour			Comments As fine in FV with Au XRF. Py fine to coarse grained.					Comments		
				Medium	Grey										

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo



Detailed Lithology					Mineralization			Alteration							
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity	
200.2	200.79	V3B, Basalt								200.2	200.79	Pervasive	Sericitization	Moderate	
		Oxidation Texture	Grain Size	Tone	Colour									Comments	
200.79	206.19	MShrZ, Mineralized Shear Zone				201	206.45	Pyrrhotite	Banded	35	200.79	206.19	Along Foliation	Silicification	Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments		
								Fine bands mm of Po along foliation and irregular (folded). 10-15% py fine to coarse banded, disseminated. Xrf As and Au					Locally strong sericitization		
206.19	207.75	I1N, Quartz Vein				201	206.45	Pyrrhotite	Banded	35	206.19	207.75	Fracture/Vein Controlled	Chloritization	Moderate
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments		
		Brecciated	Fine Grained (1/16 to 1/256 mm)	Medium	Grey			Fine bands mm of Po along foliation and irregular (folded). 10-15% py fine to coarse banded, disseminated. Xrf As and Au							
						206.45	207.75	Pyrite	Disseminated	2					
								Comments							
207.75	240.0	V3B, Basalt				207.75	214.8	Pyrite	Disseminated	2	207.75	218	Pervasive	Carbonatization	Strong
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments		
		Foliated	Fine Grained (1/16 to 1/256 mm)	Medium	Greenish-Grey										
						214.8	214.9	Sphalerite	Fracture/Vein Controlled	1	218	219.6	Pervasive	Carbonatization	Strong
								Comments					Comments		
								1% sphalerite (XRF 1.1% Zn) within a late folded carbonated extensional fracture perpendicular to foliation and quart-carbonate vein			219.6	240	Pervasive	Carbonatization	Strong
						214.9	219.5	Pyrite	Disseminated	2				Comments	
								Comments							
						219.5	220.5	Pyrrhotite	Stringer	5					
								Comments							
								PO stringers (mm to 1 cm) with coarse pyrite crystals (tr to 3%), trace chalcopyrite (XRF 4300ppm Cu)							

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity
					220.5	240	Pyrite	Disseminated	2					
Comments														
240.0	260.5	V3P3, Mafic Lapilli Tuff			240	260.5	Pyrite	Banded	0.5					
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Medium			Colour Greenish-Grey						Comments Some bands of Py along foliation in V3P3	
260.5	262.5	V3B, Basalt								260.5	262.5	Pervasive	Carbonatization	Strong
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Medium			Colour Greenish-Grey						Comments	
262.5	275.0	V4, Volcanic Ultramafic/Ultrabasic Rock								262.5	275	Pervasive	Carbonatization	Strong
		Oxidation Texture Foliated	Grain Size Very Fine Grained (less than 1/256 mm)	Tone Dark			Colour Greenish-Grey						Comments	
275.0	285.0	V3P3, Mafic Lapilli Tuff								275	285	Pervasive	Carbonatization	Moderate
		Oxidation Texture Foliated	Grain Size Fine Grained (1/16 to 1/256 mm)	Tone Medium			Colour Greenish-Grey						Comments	

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
28.0	29.0	B00395354	Core	0.0025	1	14.6	81	26
29.0	30.0	B00395355	Core	0.012	1	70.9	145	21
30.0	31.0	B00395356	Core	0.007	1	25.4	89	23
31.0	32.0	B00395357	Core	0.005	1	39	102	13
32.0	33.0	B00395358	Core	0.0025	1	75	94	9
39.0	40.0	B00395359	Core	0.0025	1	13.9	68	32
39.0	40.0	B00395360	Pulp	0.0025	1	11	68	30

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
40.0	41.0	B00395361	Core	0.0025	1	13.5	63	31
41.0	42.0	B00395362	Core	0.0025	1	14.1	70	24
42.0	43.0	B00395363	Core	0.0025	1	13.9	81	26
48.0	49.0	B00395364	Core	0.0025	1	18.6	86	31
49.0	50.0	B00395365	Core	0.0025	1	15	87	26
50.0	51.0	B00395366	Core	0.005	1	16	82	26
51.0	52.0	B00395367	Core	0.006	1	16.3	83	28
57.0	58.0	B00395368	Core	0.0025	1	16.6	102	41
58.0	59.0	B00395369	Core	0.0025	1	19.5	79	32
59.0	60.0	B00395371	Core	0.0025	1	18.6	75	29
60.0	61.0	B00395372	Core	0.0025	1	14.5	76	31
61.0	62.0	B00395373	Core	0.0025	1	13.1	59	22
62.0	63.0	B00395374	Core	0.0025	1	14.6	66	27
68.0	69.0	B00395375	Core	0.0025	1	29.5	99	26
69.0	70.0	B00395376	Core	0.0025	1	22	108	26
70.0	71.0	B00395377	Core	0.0025	1	9.7	93	24
71.0	72.0	B00395378	Core	0.0025	1	10.5	105	21
72.0	73.0	B00395379	Core	0.0025	1	28.8	65	28
73.0	74.0	B00395381	Core	0.0025	1	51	90	31
74.0	75.0	B00395431	Core	0.0025	1	13.5	67	23
75.0	76.0	B00395382	Core	0.0025	1	7.4	61	20
76.0	77.0	B00395383	Core	0.0025	1	19.3	108	29
77.0	78.0	B00395384	Core	0.0025	1	35	99	30
86.0	87.0	B00395385	Core	0.006	1	78.1	80	20

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
87.0	88.0	B00395386	Core	0.0025	1	27.9	79	23
88.0	89.0	B00395387	Core	0.0025	1	54.5	81	22
89.0	90.0	B00395388	Core	0.007	1	98.4	112	21
90.0	91.0	B00395389	Core	0.0025	1	24.7	113	20
91.0	92.0	B00395391	Core	0.0025	1	38	160	24
90.0	91.0	B00395390	Pulp	0.006	1	35.9	114	22
92.0	93.0	B00395392	Core	0.007	1	47.3	93	27
93.0	94.0	B00395393	Core	0.0025	1	19.7	95	21
98.0	99.0	B00395394	Core	0.0025	1	22.4	71	26
99.0	100.0	B00395395	Core	0.0025	1	23.3	80	25
100.0	101.0	B00395396	Core	0.0025	1	26	90	24
101.0	102.0	B00395397	Core	0.0025	1	28.3	100	26
102.0	103.0	B00395398	Core	0.0025	1	13.2	139	30
103.0	104.0	B00395399	Core	0.0025	1	63.6	89	22
104.0	105.0	B00395401	Core	0.0025	1	112	91	20
105.0	106.0	B00395402	Core	0.0025	1	7.4	105	21
106.0	107.0	B00395403	Core	0.0025	1	40.6	86	19
107.0	108.0	B00395404	Core	0.0025	1	35.7	80	24
114.0	115.0	B00395405	Core	0.0025	1	16.4	84	22
115.0	116.0	B00395406	Core	0.0025	1	30.5	86	20
116.0	117.0	B00395407	Core	0.0025	1	25.2	79	15
117.0	118.0	B00395408	Core	0.0025	1	12.2	86	18
118.0	119.0	B00395409	Core	0.0025	1	21.4	87	19
119.0	120.0	B00395411	Core	0.0025	1	14.9	86	20

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
120.0	121.0	B00395412	Core	0.0025	1	34.5	80	20
121.0	122.0	B00395413	Core	0.0025	1	20.2	84	21
122.0	123.0	B00395414	Core	0.0025	1	20.5	77	19
123.0	124.0	B00395415	Core	0.0025	1	28	89	20
124.0	125.0	B00395416	Core	0.0025	1	24.6	79	20
125.0	126.0	B00395417	Core	0.0025	1	20.4	84	21
126.0	127.0	B00395418	Core	0.0025	1	21.2	90	19
127.0	128.0	B00395419	Core	0.0025	1	20.4	86	22
128.0	129.0	B00395421	Core	0.0025	1	21	81	20
127.0	128.0	B00395420	Pulp	0.0025	1	22.4	85	20
129.0	130.0	B00395422	Core	0.0025	1	21.4	83	19
130.0	131.0	B00395423	Core	0.0025	1	20.3	66	20
131.0	132.0	B00395424	Core	0.0025	1	16.1	97	34
132.0	133.0	B00395425	Core	0.0025	1	22.4	99	25
133.0	134.0	B00395426	Core	0.009	1	23.2	68	15
134.0	135.0	B00395427	Core	0.025	1	25.9	105	17
135.0	136.0	B00395428	Core	0.06	1	29.3	118	21
136.0	137.0	B00395429	Core	0.312	1	40.6	721	193
137.0	138.0	B00395432	Core	0.01	1	38.2	97	20
138.0	139.0	B00395433	Core	0.005	1	27.7	80	15
139.0	140.0	B00395434	Core	0.06	1	35.2	88	18
140.0	141.0	B00395435	Core	0.115	1	34.8	85	19
141.0	142.0	B00395436	Core	0.023	1	18.8	91	26
142.0	143.0	B00395437	Core	0.144	1	18.2	138	35

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
143.0	144.0	B00395438	Core	0.01	1	11.9	99	12
144.0	145.0	B00395439	Core	0.008	1	30.5	133	16
145.0	146.0	B00395441	Core	0.0025	1	15.7	117	17
146.0	147.0	B00395442	Core	0.034	1	27.3	105	15
147.0	148.0	B00395443	Core	0.086	1	24.5	100	10
148.0	149.0	B00395444	Core	0.018	1	40.5	89	11
149.0	150.0	B00395445	Core	0.046	1	14.2	95	17
150.0	151.0	B00395446	Core	0.036	1	19.7	89	19
151.0	152.0	B00395447	Core	0.035	1	23.2	106	18
152.0	153.0	B00395448	Core	0.062	1	15	121	20
153.0	154.0	B00395449	Core	0.009	1	21.4	98	18
154.0	155.0	B00395451	Core	0.016	1	33.4	92	8
155.0	156.0	B00395452	Core	0.017	1	31.8	89	28
156.0	157.0	B00395453	Core	0.179	1	40.2	121	42
157.0	158.0	B00395454	Core	0.234	1	98.6	79	18
158.0	159.0	B00395455	Core	1.365	1	155	90	28
159.0	160.0	B00395456	Core	0.076	1	192	70	35
160.0	160.7	B00395457	Core	0.32	1	75.4	35	42
160.7	162.0	B00395458	Core	0.043	1	21	10	11
162.0	163.0	B00395459	Core	0.006	1	21.2	14	7
162.0	163.0	B00395460	Pulp	0.021	1	60.6	65	17
163.0	164.0	B00395461	Core	0.055	1	56.9	52	15
164.0	165.0	B00395462	Core	0.04	1	174	315	49
165.0	165.66	B00395463	Core	0.06	1	172	397	46

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo **AF**

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
165.66	166.3	B00395464	Core	0.074	3	289	110	128
166.3	167.71	B00395465	Core	0.065	1	123	194	15
167.71	169.0	B00395466	Core	0.907	1	89.9	347	20
169.0	170.0	B00395467	Core	0.028	1	72.4	99	3
170.0	171.0	B00395468	Core	0.018	1	96.1	108	5
171.0	172.0	B00395469	Core	0.005	1	106	103	18
172.0	173.0	B00395471	Core	0.038	1	88.1	119	26
173.0	174.0	B00395472	Core	0.01	1	95.5	96	23
174.0	175.0	B00395473	Core	0.072	1	152	100	11
175.0	176.0	B00395474	Core	0.039	1	172	100	7
176.0	177.0	B00395475	Core	0.117	1	156	93	11
177.0	178.0	B00395476	Core	0.515	1	113	105	6
178.0	179.0	B00395477	Core	0.625	1	102	92	6
179.0	180.0	B00395478	Core	0.098	1	194	159	70
180.0	181.5	B00395479	Core	0.061	1	198	207	49
181.5	182.75	B00395481	Core	0.148	1	252	68	48
182.75	184.0	B00395482	Core	0.146	1	26	105	18
184.0	185.0	B00395483	Core	0.255	1	40.8	1360	17
185.0	185.5	B00395484	Core	0.039	1	11	41	4
185.5	186.3	B00395485	Core	0.509	1	122	224	64
186.3	187.0	B00395486	Core	0.155	1	29	129	15
187.0	188.0	B00395487	Core	0.178	1	135	308	30
188.0	189.0	B00395488	Core	0.066	1	262	105	39
189.0	190.0	B00395489	Core	0.504	1	61.8	34	40

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
189.0	190.0	B00395490	Pulp	0.535	1	63.9	33	43
190.0	191.0	B00395491	Core	0.246	1	128	46	45
191.0	192.0	B00395492	Core	0.588	1	120	74	81
192.0	193.0	B00395493	Core	0.566	2	120	42	53
193.0	194.0	B00395494	Core	0.3	1	267	132	46
194.0	195.0	B00395495	Core	0.108	1	199	109	27
195.0	196.0	B00395496	Core	0.187	1	246	50	40
196.0	197.0	B00395497	Core	0.4	1	166	50	52
197.0	198.0	B00395498	Core	0.573	1	138	30	72
198.0	198.73	B00395499	Core	2.394	1	127	103	72
198.73	200.2	B00395501	Core	2.346	1	74.2	345	32
200.2	200.79	B00395503	Core	2.895	1	128	148	11
200.79	202.0	B00395504	Core	3.118	1	119	151	35
202.0	203.0	B00395505	Core	3.268	1	126	97	49
203.0	204.0	B00395506	Core	0.59	1	154	361	55
204.0	205.0	B00395507	Core	0.471	1	175	86	55
205.0	206.19	B00395508	Core	0.174	1	148	61	26
206.19	207.0	B00395509	Core	0.069	1	42.9	22	18
207.0	208.0	B00395511	Core	0.429	1	29.4	281	3
208.0	209.0	B00395512	Core	1.215	1	172	118	5
209.0	210.0	B00395513	Core	0.068	1	146	103	3
210.0	211.0	B00395514	Core	0.017	1	144	111	1
211.0	212.0	B00395515	Core	0.05	1	170	121	4
212.0	213.0	B00395516	Core	0.2	1	173	107	4

DRILL LOG REPORT

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo *AF*
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
213.0	214.0	B00395517	Core	0.077	1	181	129	5
214.0	215.0	B00395518	Core	0.231	1	159	137	7
215.0	216.0	B00395519	Core	0.203	1	265	218	51
215.0	216.0	B00395520	Pulp	0.176	1	249	198	57
216.0	217.0	B00395521	Core	0.0025	1	159	110	5
217.0	218.0	B00395522	Core	0.0025	1	130	103	4
218.0	219.0	B00395523	Core	0.0025	1	109	127	4
219.0	220.0	B00395524	Core	0.007	1	104	219	4
220.0	221.0	B00395525	Core	0.0025	1	266	107	6
221.0	222.0	B00395526	Core	0.005	1	137	191	7
222.0	223.0	B00395527	Core	0.027	1	126	225	7
223.0	224.0	B00395528	Core	0.052	1	160	115	7
224.0	225.0	B00395529	Core	0.029	1	172	97	7
225.0	226.0	B00395531	Core	0.223	1	176	124	10
226.0	227.0	B00395532	Core	0.14	3	148	103	6
227.0	228.0	B00395533	Core	0.007	1	187	93	7
228.0	229.0	B00395534	Core	0.01	1	173	103	8
229.0	230.0	B00395535	Core	0.0025	1	140	107	7
230.0	231.0	B00395536	Core	0.01	1	143	108	5
231.0	232.0	B00395537	Core	0.0025	1	143	113	5
232.0	233.0	B00395538	Core	0.0025	1	149	103	4
233.0	234.0	B00395539	Core	0.0025	1	191	109	5
234.0	235.0	B00395541	Core	0.0025	1	148	101	7
235.0	236.0	B00395542	Core	0.0025	1	160	96	6

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
236.0	237.0	B00395543	Core	0.013	1	174	94	4
243.0	244.0	B00395544	Core	0.01	1	62.9	88	10
250.0	251.0	B00395545	Core	0.0025	1	30	75	18
251.0	252.0	B00395546	Core	0.01	1	43	98	23
252.0	253.0	B00395547	Core	0.02	1	63.2	94	26
253.0	254.0	B00395548	Core	0.0025	1	25.8	81	28
254.0	255.0	B00395549	Core	0.028	1	42.7	95	26
254.0	255.0	B00395550	Pulp	0.029	1	39.8	94	27
255.0	256.0	B00395551	Core	0.0025	1	17.7	78	24
262.0	263.0	B00395552	Core	0.0025	1	84.3	74	3
269.0	270.0	B00395553	Core	0.0025	1	103	67	1
275.0	276.0	B00395554	Core	0.202	1	78.4	69	33
282.0	283.0	B00395555	Core	0.028	1	99.3	69	3

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
24	27	3	2.9	96.67	0.65	22.41	
27	30	3	3	100	1.4	46.67	
30	33	3	3	100	1.25	41.67	
33	36	3	3	100	1.2	40	
36	39	3	3.2	106.67	1.26	39.38	
39	42	3	3.05	101.67	1.4	45.9	
42	45	3	2.9	96.67	1.3	44.83	
45	48	3	2.95	98.33	1.6	54.24	
48	51	3	3.1	103.33	1.36	43.87	

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
51	54	3	3.3	110	0.8	24.24	001<M
54	57	3	2.95	98.33	2.4	81.36	<111<
57	60	3	3.05	101.67	2.1	68.85	=011<
60	63	3	3.05	101.67	1.25	40.98	M>111.<
63	66	3	3	100	2.45	81.67	10<111<
66	69	3	3	100	2.6	86.67	-10<111<
69	72	3	2.95	98.33	2.35	79.66	=111<
72	75	3	3.1	103.33	3	96.77	10<111<
75	78	3	3	100	1.45	48.33	M>11.1<
78	81	3	3.05	101.67	2.4	78.69	-40<111<
81	84	3	3	100	2.45	81.67	=111<M
84	87	3	3.05	101.67	2.4	78.69	<111<
87	90	3	2.7	90	1.85	68.52	M>111>
90	93	3	3.3	110	2.1	63.64	M>1.11<
93	96	3	2.9	96.67	1.1	37.93	M>100=
96	99	3	3	100	1.95	65	<111<
99	102	3	3.05	101.67	2.2	72.13	=000=
102	105	3	2.95	98.33	2.2	74.58	=000=
105	108	3	3	100	2.4	80	=111<
108	111	3	2.9	96.67	2.1	72.41	>101<
111	114	3	3.05	101.67	1.75	57.38	=011<
114	117	3	3	100	2.75	91.67	M>11.1<
117	120	3	3	100	2.8	93.33	=111<
120	123	3	3	100	2.4	80	0<111<

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
123	126	3	3	100	2.7	90	60<111<
126	129	3	2.95	98.33	2.35	79.66	50<111<
129	132	3	3	100	2.25	75	40<111<
132	135	3	3.1	103.33	1.45	46.77	M>101<
135	138	3	3.05	101.67	2.45	80.33	15<111<
138	141	3	3	100	2.25	75	M>100=
141	144	3	3.05	101.67	2.6	85.25	=011<
144	147	3	3	100	2.4	80	0<111<
147	150	3	3	100	2.6	86.67	0<111<
150	153	3	3	100	2.75	91.67	0<111<
153	156	3	3.05	101.67	2.45	80.33	5 <111<
156	159	3	3.05	101.67	2.75	90.16	M>111>
159	162	3	2.7	90	2.2	81.48	0<111<
162	165	3	3.2	106.67	2.2	68.75	M>100=
165	168	3	3.15	105	2.47	78.41	10<111<
168	171	3	2.9	96.67	2.8	96.55	-20<111<
171	174	3	3.1	103.33	2.55	82.26	140<111<
174	177	3	3.1	103.33	2.5	80.65	-45<111<
177	180	3	2.95	98.33	2.35	79.66	45<111<
180	183	3	3.2	106.67	1.9	59.37	=111<
183	186	3	3	100	1.7	56.67	=000=
186	189	3	3.1	103.33	2.15	69.35	=011<
189	192	3	3.05	101.67	2.3	75.41	0<111<
192	195	3	3.01	100.33	2.89	96.01	-25<111<

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Resp. Person: Arnaud Fontaine, Géo **AF**

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
195	198	3	3	100	2.9	96.67	-25<111<
198	201	3	2.95	98.33	2.6	88.14	M>111>
201	204	3	3.05	101.67	2.8	91.8	160<111<
204	207	3	3	100	2.6	86.67	80<111<
207	210	3	3.1	103.33	2.35	75.81	110<111<M
210	213	3	2.95	98.33	2.9	98.31	<111<
213	216	3	3	100	2.9	96.67	0<111<
216	219	3	3	100	2.8	93.33	M>111>
219	222	3	3.25	108.33	2.75	84.62	N<111<
222	225	3	3	100	2.8	93.33	20<111<
225	228	3	2.95	98.33	2.6	88.14	10<111<
228	231	3	2.9	96.67	2.7	93.1	-20<111<
231	234	3	3.05	101.67	2.7	88.52	-5<111<
234	237	3	3	100	2.75	91.67	-25<111<
237	240	3	3	100	2.85	95	M>111>
240	243	3	2.9	96.67	2.4	82.76	M>11.1<
243	246	3	2.95	98.33	2.7	91.53	40<111<
246	249	3	3	100	2.4	80	0<111<
249	252	3	3	100	2.65	88.33	-20<111<
252	255	3	3	100	2.8	93.33	15<111<
255	258	3	3.01	100.33	2.68	89.04	10<111<
258	261	3	2.98	99.33	2.66	89.26	-25<111<
261	264	3	2.94	98	2.94	100	-30<111<
264	267	3	3	100	2.52	84	45<111<

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
267	270	3	3	100	2.26	75.33	N=000<
270	273	3	2.77	92.33	2.59	93.5	0<111<
273	276	3	3.2	106.67	2.71	84.69	N=000=
276	279	3	3.07	102.33	2.65	86.32	N=011<
279	282	3	3.07	102.33	2.77	90.23	130<111<
282	285	3	3.04	101.33	2.72	89.47	0<111<

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
33.74	34.6	Broken Core					
35.15	35.25	Broken Core					
36	36.12	Broken Core					
40.8	41	Broken Core					
44.75	45.25	Broken Core					
49.3	49.55	Broken Core					
49.87	50.46	Broken Core					
52.58	53.7	Fault					
158.25	160.68	Shear Zone					
165	166.35	Shear Zone					
179	182.5	Shear Zone					Deformation where we can still see the regional trend
187.38	198.73	Shear Zone					
200.79	206.45	Shear Zone					
242.25	242.5	Broken Core					
267.34	267.47	Gouge (Fault)					In Ultramafic
269.6	269.7	Gouge (Fault)					In ultramafic

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AF

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
26	Foliation										
31	Foliation										
38.8	Foliation										
48.3	Foliation										
50.3	Foliation										
50.75	Carbonate Vein										cavity
54.4	Quartz Vein	47	165								
54.9	Quartz Vein	32	190								
56.5	Foliation	40	195								
61.5	Carbonate Vein	22	170								
63.44	Quartz Vein	45	170								
64.4	Foliation	47	160								
68.5	Foliation	53	175								
70.57	Quartz Vein	60	180								grey qtz vein
72	Foliation	47	190								
74.5	Quartz-Carbonate Vein	30	180								
75	Foliation	49	200								
78	Foliation	45	270								
81	Foliation	46	10								
87	Foliation	58	350								
90	Foliation	54	270								
91.6	Stringer										pyrite stringer
94.1	Quartz-Carbonate Vein										
96.5	Quartz-Carbonate Vein	45	270								

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo *AF*
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
101.4	Quartz-Carbonate Vein										
104.25	Stringer										Fine pyrite stringers along foliation
104.3	Foliation										
105	Foliation										
111	Foliation	54	350								
112.56	Quartz-Carbonate Vein	20	250								
112.7	Quartz-Carbonate Vein										
114	Foliation	52	359								
121	Foliation	45	355								
129.77	Foliation	45	310								
130.17	Quartz-Carbonate Vein	45	310								
133.9	Quartz-Carbonate Vein	33	340								
137.5	Foliation	32	340								
147	Foliation	47	180								
148.4	Foliation	52	175								
154.5	Foliation	48	190								
155.95	Foliation	18	210								
158.9	Quartz Vein	47	210								extensional qtz vein growth is perpendicular to foliation.
159	Stringer	47	210								
160.15	Stringer	42	110								pyrrhotite stringer
160.64	Stringer	40	90								pyrite stringer
166	Stringer	52	140								
175.07	Quartz Vein	42	45								
178	Foliation	42	340								

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

AF

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
181.5	Schistosity	35	10								
182.5	Contact	47	340								Top contact of a quartz vein
186.1	Lamination										
187.95	Schistosity	52	315								
190.5	Schistosity	15	320								2 meters of Pyrrhotite bands in shear zone with different alpha angle than environment
193.5	Schistosity	42	10								
195.1	Schistosity	35	340								
197.9	Schistosity	43	340								
198.75	Quartz Vein	40	340								
199.33	Stringer	35	350								As veinlets with Au in Vqtz
200.75	Contact	30	344								
203.9	Schistosity	65	140								Beta angle to correct
206	Schistosity	60	60								
207.79	Contact	45	320								
213.7	Foliation	45	340								General foliation in basalt. VCarb follow the same orientation
220.45	Stringer	30	310								1 Stringer of Po-Py in basalt among few others. Follow general foliation.
227.9	Foliation	50	20								General foliation in basalt. VCarb follow the same orientation
242	Foliation	45	360								General foliation in lapilli tuff. Concordant with lamination. Pyrite band in same orientation.
256	Foliation	55	340								General foliation in lapilli tuff. Concordant with lamination. Pyrite band in same orientation.
260.67	Flow Banding	45	340								
262.05	Contact	45	10								Contact with basalt and ultramafic
265.67	Quartz Vein	45	320								General orientation of Vqtz in ultramafic
272.9	Foliation	40	20								General foliation in ultramafic

Hole Number: QK-19-004

Resp. Person: Arnaud Fontaine, Géo

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
281	Lithologic Layering	50	350								

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

AF

Project	Drilling	Collar	Coordinates
Project Number: Qiqavik Claim Number: 2435155 Property: Purpose: Exp Target: NTS: 35G11 Operator: OMC	Drilling Started: Aug 16, 2019 Drilling Completed: Aug 20, 2019 Drilling Contractor: Forage G4 Core Location: CC Object in Hole: OIH Comments:	UTM Zone: NAD83 / UTM zone 18N Collar Survey Type: DGPS Geophysics Contractor: Casing: HW Casing Status: Left In Hole Oriented: Y	Collar Dip: -45 Collar Azi: 180 Length: 329.68 Northing: 6,823,504 Easting: 476,493 Elevation: 374.32 Logged By: Geologist 1: Arnaud Fontaine, Géo Geologist 2: Geologist 3: Geologist 4:



Detailed Lithology						Mineralization			Alteration						
From	To	Lithology				From	To	Type	Style	%	From	To	Style	Type	Intensity
0.0	6.0	OB, Overburden													
		Oxidation Texture	Grain Size	Tone	Colour										
6.0	25.0	V3P3, Mafic Lapilli Tuff					6	25	Along Foliation					Sericitization	Strong
		Oxidation Texture	Grain Size	Tone	Colour									Comments	
		Foliated												moderate to strong alteration (bleached, sericitization, silicification, epidotization; locally fuschite and oxidation)	
25.0	36.58	V3B, Basalt				25	30.56	Pyrite	Disseminated	1	25	36.58	Pervasive	Carbonatization	Strong
		Oxidation Texture	Grain Size	Tone	Colour									Comments	
														chloritization and pervasive carbonatization	
						30.56	34	Magnetite	Disseminated	3					
						34	36.58	Pyrite	Disseminated	1					
36.58	40.31	V4, Volcanic Ultramafic/Ultrabasic Rock													

DRILL LOG REPORT

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration							
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity	
		Oxidation Texture Foliated	Grain Size	Tone	Colour					36.58	40.31	Pervasive	Talcosite (+/- Carbonate)	Strong	
														Comments	
40.31	41.0	V3B, Basalt								40.31	41	Pervasive	Carbonatization	Strong	
		Oxidation Texture	Grain Size	Tone	Colour									Comments	
41.0	116.5	V3P3, Mafic Lapilli Tuff				41	116	Pyrite	Disseminated	5	41	116.5	Pervasive	Bleached/Bleaching	Strong
		Oxidation Texture Foliated	Grain Size	Tone	Colour			Comments Trace to 5% fine pyrite along foliation and 2-3% coarse pyrite along foliation (strongly foliated intervals) and coarser disseminated pyrite in late fractures						Comments Bleached, sericite and carbonate	
116.5	117.7	FitZ, Fault Zone													
		Oxidation Texture	Grain Size	Tone	Colour										
117.7	123.8	V3P3, Mafic Lapilli Tuff													
		Oxidation Texture Foliated	Grain Size	Tone	Colour										
123.8	124.8	FitZ, Fault Zone													
		Oxidation Texture	Grain Size	Tone	Colour										
124.8	149.4	V3P3, Mafic Lapilli Tuff								136.2	142.5	Along Foliation	Sericitization	Strong	
		Oxidation Texture Foliated	Grain Size	Tone	Colour									Comments	
149.4	174.0	V4, Volcanic Ultramafic/Ultrabasic Rock				171.57	172	Pyrite	Disseminated	1	149.4	171.57	Pervasive	Carbonatization	Strong
		Oxidation Texture Foliated	Grain Size	Tone	Colour			Comments 1% pyrite along foliation @172.57-172m						Comments	
						172	172.77	Pyrite	Disseminated	2	171.57	172	Along Foliation	Sericitization	Strong
								Comments 2% pyrite along foliation @172-172.77m						Comments	
174.0	190.09	V3P3, Mafic Lapilli Tuff													

DRILL LOG REPORT

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Detailed Lithology					Mineralization					Alteration						
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity		
		Oxidation	Texture	Grain Size	Tone	Colour										
			Foliated							178.8	182.8	Pervasive	Silicification	Strong		
Comments																
190.09	213.12	V3B, Basalt				191	192	Pyrite	Fracture/Vein Controlled	2						
		Oxidation	Texture	Grain Size	Tone	Colour										
			Flow Banded		Medium	Greenish-Grey										
Comments																
213.12	275.92	V3P3, Mafic Lapilli Tuff				217	218	Pyrite	Fracture/Vein Controlled	1	213.12	250	Pervasive	Carbonatization	Moderate	
		Oxidation	Texture	Grain Size	Tone	Colour										
			Foliated													
Comments																
							218	219	Pyrite	Fracture/Vein Controlled	1	250	251	Fracture/Vein Controlled	Sericitization	Moderate
Comments																
							222	223	Pyrite	Fracture/Vein Controlled	1	251	265	Fracture/Vein Controlled	Sericitization	Moderate
Comments																
							223	224	Pyrite	Fracture/Vein Controlled	1	265	275.92	Fracture/Vein Controlled	Sericitization	Moderate
Comments																
							241	243	Pyrite	Fracture/Vein Controlled	5					
Comments																
							247	248	Pyrite	Disseminated	1					
Comments																
							260	261	Pyrite	Fracture/Vein Controlled	2					
Comments																
							263	264	Pyrite	Disseminated	1					
Comments																
cm cubic euhedral pyrite crystals																

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Detailed Lithology					Mineralization			Alteration				
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
			275	278.3	Pyrite	Fracture/Vein Controlled	5					
Comments												
275.92	276.5	I1N, Quartz Vein	275	278.3	Pyrite	Fracture/Vein Controlled	5					
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												
276.5	278.3	V3P3, Mafic Lapilli Tuff	275	278.3	Pyrite	Fracture/Vein Controlled	5	276.5	277.4	Fracture/Vein Controlled	Sericitization	Strong
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
		Foliated										
Comments												
								277.4	277.65	Pervasive	Silicification	Strong
Comments												
Interval with Sp												
278.3	278.55	V3PF, Sulphidic Mafic Volcaniclastic (Created for local geology)	278.3	278.55	Pyrrhotite	Banded	2					
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												
278.55	281.0	I1N, Quartz Vein										
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												
281.0	285.14	MShrZ, Mineralized Shear Zone	281	285.14	Pyrrhotite	Banded	15	283.5	285.14	Pervasive	Silicification	Strong
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												
Fine bands mm of PO (15-20%) along foliation and irregular (folded), 10-15% py fine to coarse banded, disseminated												
Comments												
285.14	287.0	M27, Carbonated Mafic Rock (Created for local geology)	285.14	291	Pyrrhotite	Banded	10	285.14	286	Pervasive	Silicification	Strong
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												
PY (tr-10%)-PO (tr-5%) -SP (tr-1%)-AS (tr-2%) (ASAu gunned on roughly 0.5m values As ranging between 1000-7000ppm and Au between 18 and 112ppm).												
Comments												
Locally with FC along foliation												
287.0	291.0	V3P3, Mafic Lapilli Tuff										
		Oxidation Texture										
		Grain Size										
		Tone										
		Colour										
Comments												

DRILL LOG REPORT

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology					Mineralization			Alteration				
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
			285.14	291	Pyrrhotite	Banded	10					
					Comments PY (tr-10%)-PO (tr-5%) -SP (tr-1%)-AS (tr-2%) (ASAu gunned on roughly 0.5m values As ranging between 1000-7000ppm and Au between 18 and 112ppm).							
291.0	296.0	ShrZ, Shear Zone										
		Oxidation Texture	Grain Size	Tone	Colour							
296.0	329.68	V3P3, Mafic Lapilli Tuff	297.5	298.16	Pyrite	Fracture/Vein Controlled	3					
		Oxidation Texture	Grain Size	Tone	Colour							
			304	329.68	Pyrite	Disseminated	2					
					Comments trace to 2% disseminated pyrite along foliation							

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
11.0	12.0	B00395556	Core	0.005	1	101	72	3
12.0	13.0	B00395557	Core	0.006	1	103	68	3
13.0	14.0	B00395558	Core	0.0025	1	47.7	66	3
19.0	20.0	B00395559	Core	0.245	1	89.8	86	6
20.0	21.0	B00395561	Core	0.075	1	89.1	83	11
21.0	22.0	B00395562	Core	0.022	1	42.5	110	4
27.0	28.0	B00395563	Core	0.0025	1	120	86	4
28.0	29.0	B00395564	Core	0.0025	1	104	92	4
29.0	30.0	B00395565	Core	0.0025	1	129	92	3
30.0	31.0	B00395566	Core	0.0025	1	125	103	4
31.0	32.0	B00395567	Core	0.0025	1	192	97	2

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
39.0	40.0	B00395568	Core	0.0025	1	129	77	3
40.0	41.0	B00395569	Core	0.0025	1	96.9	75	3
41.0	42.0	B00395571	Core	0.013	1	155	110	22
42.0	43.0	B00395572	Core	0.012	1	42.2	82	23
43.0	44.0	B00395573	Core	0.0025	1	25.7	82	29
44.0	45.0	B00395574	Core	0.0025	1	28.7	82	41
45.0	46.0	B00395575	Core	0.0025	1	23.7	76	30
46.0	47.0	B00395576	Core	0.0025	1	23.5	85	31
47.0	48.0	B00395577	Core	0.018	1	22.3	79	29
48.0	49.0	B00395578	Core	0.0025	1	22.8	63	24
49.0	50.0	B00395579	Core	0.007	1	39.8	98	26
49.0	50.0	B00395580	Pulp	0.007	1	42.6	104	24
50.0	51.0	B00395581	Core	0.007	1	37.1	94	28
51.0	52.0	B00395582	Core	0.0025	1	26.8	72	30
52.0	53.0	B00395583	Core	0.0025	1	20.7	75	28
53.0	54.0	B00395584	Core	0.0025	1	19.9	69	24
54.0	55.0	B00395585	Core	0.015	1	39.8	80	27
55.0	56.0	B00395586	Core	0.0025	1	19.7	92	29
56.0	57.0	B00395587	Core	0.0025	1	25.3	82	21
63.0	64.0	B00395588	Core	0.0025		132	159	60
64.0	65.0	B00395589	Core	0.0025	1	35.5	75	23
65.0	66.0	B00395591	Core	0.012	1	75.7	89	20
66.0	67.0	B00395592	Core	0.0025	1	19.2	79	21
73.0	74.0	B00395593	Core	0.013	1	27.5	77	17

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
74.0	75.0	B00395594	Core	0.091	1	24.3	80	19
75.0	76.0	B00395595	Core	0.0025	1	21.6	68	33
83.0	84.0	B00395596	Core	0.0025	1	60	57	8
89.0	90.0	B00395597	Core	0.0025	1	142	92	9
90.0	90.65	B00395598	Core	0.0025	1	133	95	5
90.65	91.54	B00395599	Core	0.148	1	123	141	15
91.54	92.0	B00395601	Core	0.0025	1	37.2	86	37
92.0	93.0	B00395602	Core	0.0025	1	24.2	72	27
93.0	94.0	B00395603	Core	0.0025	1	36	77	35
94.0	95.0	B00395604	Core	0.0025	1	71.3	65	15
95.0	96.0	B00395605	Core	0.0025	1	82.7	76	10
96.0	97.0	B00395606	Core	0.0025	1	38.6	84	25
97.0	98.0	B00395607	Core	0.0025	1	41.2	76	16
98.0	99.0	B00395608	Core	0.0025	1	47	71	13
106.0	107.0	B00395609	Core	0.0025	1	13.1	55	21
106.0	107.0	B00395610	Pulp	0.0025	1	16.4	62	21
107.0	108.0	B00395611	Core	0.0025	1	15	54	12
108.0	109.0	B00395612	Core	0.0025	1	78.3	65	8
109.0	110.0	B00395613	Core	0.0025	1	63.9	62	6
110.0	111.0	B00395614	Core	0.0025	1	95.1	65	9
111.0	112.0	B00395615	Core	0.0025	1	91.2	75	11
112.0	113.0	B00395616	Core	0.0025	1	22.3	91	27
113.0	114.0	B00395617	Core	0.0025	1	18.6	90	24
114.0	115.0	B00395618	Core	0.02	1	39.8	91	22

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
115.0	116.3	B00395619	Core	0.035		149	96	20
116.3	117.0	B00395621	Core	0.0025	1	72.2	106	17
117.0	118.0	B00395622	Core	0.0025	1	23.6	82	24
124.4	126.0	B00395623	Core	0.0025	1	23.8	98	29
132.0	133.0	B00395624	Core	0.017	1	23.5	94	18
133.0	134.0	B00395625	Core	0.0025	1	54.5	81	27
134.0	135.0	B00395626	Core	0.0025	1	29.6	81	25
135.0	136.0	B00395627	Core	0.0025	1	30.4	76	17
142.0	143.0	B00395628	Core	0.075	1	49.9	80	21
143.0	144.0	B00395629	Core	0.005	1	21.1	91	25
144.0	145.0	B00395631	Core	0.0025	1	29.2	99	29
145.0	146.0	B00395632	Core	0.0025	1	39.2	101	28
146.0	147.0	B00395633	Core	0.096	1	81.3	95	20
147.0	148.0	B00395634	Core	0.0025	1	16.4	91	15
148.0	149.0	B00395635	Core	0.0025	1	18.7	89	17
149.0	150.0	B00395636	Core	0.0025	1	65.7	90	13
156.0	157.0	B00395637	Core	0.0025	1	111	75	3
164.0	165.0	B00395638	Core	0.0025	1	111	75	3
171.0	172.0	B00395639	Core	0.011	1	95.8	77	3
171.0	172.0	B00395640	Pulp	0.007	1	94.6	77	3
172.0	173.0	B00395641	Core	0.01	1	92.3	79	4
173.0	174.0	B00395642	Core	0.108	1	77.4	81	6
174.0	175.0	B00395643	Core	0.006	1	96.9	109	4
175.0	176.0	B00395644	Core	0.009	1	114	102	3

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
176.0	177.0	B00395645	Core	0.0025	1	92.5	108	3
183.0	184.0	B00395646	Core	0.01	1	142	83	1
190.0	191.0	B00395647	Core	0.015	1	89.5	89	1
191.0	192.0	B00395648	Core	0.017	1	141	99	5
192.0	193.0	B00395649	Core	0.007	1	145	87	3
199.0	200.0	B00395651	Core	0.007	1	152	93	3
206.0	207.0	B00395652	Core	0.006	1	140	91	3
216.0	217.0	B00395653	Core	0.01	1	79.6	90	4
217.0	218.0	B00395654	Core	0.011	1	65.4	88	4
218.0	219.0	B00395655	Core	0.0025	1	77.8	91	2
219.0	220.0	B00395656	Core	0.006	1	90	69	4
220.0	221.0	B00395657	Core	0.0025	1	81.5	104	4
221.0	222.0	B00395658	Core	0.009	1	65.8	102	5
222.0	223.0	B00395659	Core	0.022	1	71.1	97	3
223.0	224.0	B00395661	Core	0.006	1	72	88	4
224.0	225.0	B00395662	Core	0.016	1	127	78	4
231.0	232.0	B00395663	Core	0.012	1	125	82	3
238.0	239.0	B00395664	Core	0.015	1	130	71	5
239.0	240.0	B00395665	Core	0.014	1	134	71	6
240.0	241.0	B00395666	Core	0.012	1	102	56	4
241.0	242.0	B00395667	Core	0.027	1	145	75	7
242.0	243.0	B00395668	Core	0.044	1	100	76	8
243.0	244.0	B00395669	Core	0.026	1	144	85	6
243.0	244.0	B00395670	Pulp	0.026	1	156	89	8

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo *AF*

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
247.0	248.0	B00395671	Core	0.018	1	104	72	6
254.0	255.0	B00395672	Core	0.009	1	140	88	2
259.0	260.0	B00395673	Core	0.016	1	125	89	7
260.0	261.0	B00395674	Core	0.014	1	80.7	61	5
261.0	262.0	B00395675	Core	0.013	1	148	90	5
268.0	269.0	B00395676	Core	0.006	1	151	101	3
274.0	275.0	B00395677	Core	0.0025	1	129	97	5
275.0	275.9	B00395678	Core	0.153	1	138	114	9
275.9	276.5	B00395679	Core	0.038	1	67.9	24	3
276.5	277.0	B00395681	Core	0.344	1	73.4	137	6
277.0	277.66	B00395682	Core	0.527	1	216	121	63
277.66	278.27	B00395683	Core	0.097	1	85.1	120	5
278.27	278.58	B00395684	Core	0.517	1	307	59	41
278.58	279.38	B00395685	Core	0.094	1	55.4	27	9
279.38	280.74	B00395686	Core	0.023	1	76.3	19	25
280.74	281.0	B00395687	Core	0.019	1	65.5	8	9
281.0	282.0	B00395688	Core	1.377	1	173	82	21
282.0	283.5	B00395689	Core	0.343	1	115	259	13
283.5	284.07	B00395691	Core	0.211	1	128	109	4
284.07	284.45	B00395692	Core	0.1	1	132	227	7
284.45	285.14	B00395693	Core	0.0025	1	133	139	4
285.14	286.0	B00395694	Core	0.043	1	117	145	6
286.0	287.0	B00395695	Core	0.026	1	286	227	7
287.0	288.0	B00395696	Core	0.052	1	123	91	8

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
288.0	289.0	B00395697	Core	0.017	1	109	81	7
289.0	290.0	B00395698	Core	0.0025	1	117	70	6
290.0	291.0	B00395699	Core	0.218	1	135	88	6
290.0	291.0	B00395700	Pulp	0.288	1	143	84	6
291.0	292.37	B00395701	Core	0.04	1	105	111	8
292.37	293.3	B00395702	Core	0.666	1	154	610	12
293.3	294.0	B00395703	Core	1.207	1	128	156	13
294.0	294.54	B00395704	Core	0.216	1	154	169	65
294.54	295.26	B00395705	Core	0.346	1	238	4945	42
295.26	296.26	B00395706	Core	0.051	1	44.2	122	8
296.26	296.72	B00395707	Core	0.0025	1	59.7	27	11
296.72	297.5	B00395708	Core	0.008	1	65.1	87	8
297.5	298.16	B00395709	Core	0.086	1	102	87	8
298.16	299.0	B00395711	Core	0.019	1	28.1	97	8
299.0	300.0	B00395712	Core	0.016	1	20.5	83	7
300.0	301.0	B00395713	Core	0.01	1	27.9	113	9
301.0	302.0	B00395714	Core	0.0025	1	32.9	81	14
302.0	303.0	B00395715	Core	0.0025	1	19.8	80	13
303.0	304.0	B00395716	Core	0.007	1	23.5	76	10
304.0	305.0	B00395717	Core	0.006	1	27.2	76	11
310.0	311.0	B00395718	Core	0.144	1	41.9	95	12
311.0	312.0	B00395719	Core	0.013	1	10.1	66	11
312.0	313.0	B00395721	Core	0.036	1	16.7	82	17
313.0	314.0	B00395722	Core	0.006	1	21	83	16

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo **AF**

Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
320.0	321.0	B00395723	Core	0.017	1	24	76	19
327.0	328.0	B00395724	Core	0.0025	1	12.4	69	22

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
6.29	9	2.71	2.71	100	0.71	26.2	
9	12	3	2.92	97.33	2.19	75	
12	15	3	2.94	98	2.45	83.33	
15	18	3	3.04	101.33	2.47	81.25	5<111<
18	21	3	2.92	97.33	2.26	77.4	M>1.11<
21	24	3	3.11	103.67	2.9	93.25	
24	27	3	3.03	101	2.51	82.84	
27	30	3	2.9	96.67	2.46	84.83	
30	33	3	3.06	102	2.73	89.22	-15<111<
33	36	3	3.09	103	2.46	79.61	-10<111<
36	39	3	2.91	97	2.24	76.98	M>1.
39	42	3	3.03	101	1.86	61.39	.1<
42	45	3	2.97	99	1.08	36.36	N<111<
45	48	3	3.02	100.67	1.64	54.3	M>11.1<
48	51	3	3.02	100.67	1.74	57.62	40<111<
51	54	3	3.05	101.67	2.2	72.13	0<111<
54	57	3	2.9	96.67	2.09	72.07	
57	60	3	3.09	103	2.45	79.29	
60	63	3	2.96	98.67	1.3	43.92	
63	66	3	2.97	99	2.31	77.78	

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
66	69	3	3.04	101.33	2.57	84.54	
69	72	3	2.95	98.33	1.97	66.78	
72	75	3	2.9	96.67	1.11	38.28	
75	78	3	3.35	111.67	3.12	93.13	
78	81	3	3.02	100.67	1.98	65.56	
81	84	3	3.01	100.33	2.63	87.38	
84	87	3	2.88	96	2.26	78.47	
87	90	3	3.07	102.33	2.84	92.51	-10<111<
90	93	3	2.93	97.67	2.21	75.43	-30<111<
93	96	3	2.99	99.67	2.52	84.28	50<111<
96	99	3	3.06	102	2.24	73.2	
99	102	3	3.05	101.67	2.3	75.41	
102	105	3	3.02	100.67	2.49	82.45	
105	108	3	2.99	99.67	2.48	82.94	
108	111	3	3.06	102	2.96	96.73	0<111<
111	114	3	2.99	99.67	2.44	81.61	-25<111<
114	117	3	3	100	1.4	46.67	
117	120	3	3	100	1.55	51.67	
120	123	3	2.95	98.33	1.9	64.41	
123	126	3	3	100	1.3	43.33	
126	129	3	3	100	2.15	71.67	
129	132	3	3	100	2.5	83.33	0<111<
132	135	3	2.96	98.67	2.3	77.7	0<111<
135	138	3	3.06	102	2.31	75.49	15<111<

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
138	141	3	2.95	98.33	2.24	75.93	
141	144	3	3	100	2.15	71.67	
144	147	3	3	100	0.7	23.33	
147	150	3	3.2	106.67	2.15	67.19	
150	153	3	2.9	96.67	1.7	58.62	
153	156	3	3	100	1.25	41.67	
156	159	3	3.03	101	2.09	68.98	
159	162	3	3.13	104.33	1.77	56.55	
162	165	3	2.85	95	1.16	40.7	
165	168	3	2.96	98.67	2.24	75.68	
168	171	3	3.01	100.33	1.85	61.46	
171	174	3	3.17	105.67	1.13	35.65	
174	177	3	2.94	98	2.48	84.35	N<111<
177	180	3	2.95	98.33	2.61	88.47	-25<111<
180	183	3	2.91	97	2.52	86.6	
183	186	3	3.2	106.67	2.99	93.44	
186	189	3	3.02	100.67	2.56	84.77	
189	192	3	3.05	101.67	2.65	86.89	10<111<
192	195	3	2.92	97.33	2.82	96.58	
195	198	3	3.03	101	2.68	88.45	
198	201	3	3.08	102.67	2.91	94.48	
201	204	3	2.91	97	2.77	95.19	
204	207	3	3.18	106	2.78	87.42	
207	210	3	2.99	99.67	2.55	85.28	5<111<

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Resp. Person: Arnaud Fontaine, Géo

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
210	213	3	2.9	96.67	2.5	86.21	0<111<
213	216	3	3.13	104.33	3	95.85	
216	219	3	2.98	99.33	2.62	87.92	
219	222	3	3.01	100.33	2.57	85.38	
222	225	3	2.9	96.67	2.47	85.17	
225	228	3	3.03	101	2.78	91.75	-15<111<
228	231	3	3.1	103.33	2.84	91.61	5<111<
231	234	3	2.98	99.33	2.58	86.58	
234	237	3	2.98	99.33	2.5	83.89	
237	240	3	3.01	100.33	2.54	84.39	
240	243	3	2.95	98.33	2.76	93.56	
243	246	3	3.06	102	3.03	99.02	
246	249	3	3.09	103	2.29	74.11	
249	252	3	2.97	99	2.46	82.83	
252	255	3	3.04	101.33	2.56	84.21	
255	258	3	3.01	100.33	2.95	98.01	
258	261	3	3.02	100.67	2.8	92.72	0<111<
261	264	3	3.06	102	2.93	95.75	
264	267	3	2.97	99	2.67	89.9	
267	270	3	3.13	104.33	2.35	75.08	
270	273	3	2.9	96.67	2.8	96.55	0<111<
273	276	3	3.01	100.33	2.61	86.71	10<111<M
276	279	3	2.95	98.33	2.45	83.05	<111<
279	282	3	3.05	101.67	2.25	73.77	M>111>

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
282	285	3	3.05	101.67	2.7	88.52	M>110=
285	288	3	2.95	98.33	1.4	47.46	
288	291	3	2.97	99	2.18	73.4	
291	294	3	2.9	96.67	2.03	70	
294	297	3	3.2	106.67	2.45	76.56	N>111>
297	300	3	2.96	98.67	2.56	86.49	
300	303	3	3.07	102.33	2.12	69.06	
303	306	3	3	100	1.81	60.33	
306	309	3	3.07	102.33	2.43	79.15	
309	312	3	2.84	94.67	2.12	74.65	M>.111<
312	315	3	3.1	103.33	2.5	80.65	0<111<
315	318	3	3	100	1.7	56.67	
318	321	3	3.1	103.33	1.6	51.61	
321	324	3	3	100	2.66	88.67	
324	327	3	3.04	101.33	2.25	74.01	
327	329.68	2.68	2.69	100.37	1	37.17	

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
22	25	Fold					
50.55	50.65	Fault					
59	65	Fold					
71.87	72.27	Fault					
116.5	117.7	Fault					
123.8	124.8	Fault					

Hole Number: QK-19-005

Resp. Person: Arnaud Fontaine, Géo

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Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
160.3	160.5	Fault					
162.4	162.7	Fault					
165.07	165.25	Fault					
172	172.77	Gouge (Fault)					
281	285.14	Shear Zone					
287	291	Foliation					
291	296	Shear Zone					
296	304	Foliation					
316	319.12	Foliation					
319.12	319.43	Fault					locally @ 319.12-319.43 BC-FLT with micro-folding and visible crenulations (pic)
319.43	322	Foliation					

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
16	Foliation	55	10								General foliation in lapilli tuff.
30.86	Fold	65	340								Folding in pillowed basalt. Inside joints of pillows. Presence of micro fracture following the folding.
35	Foliation	55	10								General foliation in basalt
41.25	Stringer										Interval of pyrite along foliation. Seems to be the same orientation of the general foliation of the area
53	Foliation	57	350								General foliation in tuff
89.5	Foliation	52	10								General foliation in tuff
110	Foliation	55	350								General foliation in basalt
114.2	Stringer	55	20								Interval of pyrite along foliation.
132.1	Foliation	57	10								General foliation in tuff
135.21	Carbonate Vein	30	135								Carbonate veinlets family cross-cutting the general foliation. 2% Py in it.

Hole Number: QK-19-005

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
176	Foliation	65	20								General foliation in tuff
179.63	Carbonate Vein	45	190								Family of carbonate veinlets cross-cutting general foliation
190	Foliation	58	10								General foliation in tuff
191.9	Stringer	63	350								Pyrite fracture controlled 10% over 10 cm
209.1	Flow Banding	70	40								Flow banding in undeformed basalt
211.5	Foliation	60	10								Foliation in basalt just before lapilli tuff same orientation in general
226	Foliation	60	20								General foliation in lapilli tuff
259	Foliation	60	20								General foliation in lapilli tuff
272.9	Foliation	60	25								General foliation in lapilli tuff
275.78	Foliation	55	25								General foliation in Lappilli tuff before area of smokey Vqtz
276.31	Quartz Vein	30	150								2-3 cm White quartz vein cross cutting a 50 cm smokey quartz vein. Late. No min
276.49	Quartz Vein	50	10								Lower contact of smokey quartz vein. Along foliation
277.5	Foliation	50	360								Foliation in a high silicified interval with Sp.
278.35	Foliation	50	10								Foliation in sulphidic volcanoclastics.
278.54	Quartz Vein	65	60								Upper contact of 2.3 meters smokey quartz vein.
278.63	Stringer	35	50								Stringer of pyrite (in fractures?) in smokey quartz vein.
278.64	Fracturing	80	75								1 cm fracture cutting the Py stringer in the smokey quartz vein.
279.18	Quartz Vein	50	150								3cm vqtz grey quartz vein inside the 2.3 smokey meter quartz vein. No min.
279.33	Shearing	55	290								3 cm shear with different orientation on the side. Top side. In 2.3 smokey quartz vein and the shear is sulphidic volcanoclastics material
279.35	Shearing	60	310								3 cm shear with different orientation on the side. Bottom side. Cutting late white quartz-carbonate vein in fractures. This side of the shear is pinched by the general foliation of the drill hole.
279.7	Shearing	50	330								interval of 10 cm of shearing with sulphidic volcanoclastics material. Pinched by the general foliation.
279.87	Fracturing	35	70								Fracturing F1.

Hole Number: QK-19-005

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
279.95	Quartz Vein	50	150								F2. Quartz vein grey-white in fracture inside the 2.3 meters smokey quartz veins. Is cross cutted by S1 and S2.
279.955	Stringer	50	340								Py Stringer S1. Cross cutting S2 and F2 but is cross cutted by F1.
279.98	Quartz-Carbonate Vein	20	110								Quartz-carbonate vein related to fracturing F1. Cutting S2 and S1 but is cut by S0.
279.99	Stringer	35	345								Py stringer S2. Cross cutting F2 but is cross cutted by S1 and F1.
280.03	Stringer	55	340								Py-Po stringer (or shear of sulphidic volcanoclastics?) S0. Cutting F1.
280.23	Shearing	55	350								Shearing of sulphidic volcanoclastics inside quartz veins. Same orientation of general foliation.
281	Quartz Vein	70	120								Lower contact of the 2.3 meters smokey quartz vein
281.05	Foliation	70	30								Foliation in a 10 cm V3 just after the Vqtz.
281.15	Quartz Vein	75	140								4 cm Vqtz smokey no min. related to 2.3 Vqtz?
281.2	Foliation	65	270								Foliation in different orientation of general foliation. Over 10cm in lappili tuff.
281.25	Fold										M fold. Point between 2 different foliation.
281.27	Schistosity	60	330								Schistosity/foliation in mineralized shear zone.
281.85	Schistosity	50	340								Schistosity/foliation in mineralized shear zone.
281.93	Fold	65	20								Fold in Mineralized shear zone. Schistosity is a bit different before and after.
282.28	Schistosity	65	10								Schistosity in mineralized shear zone in sulphidic volcanoclastics. Same direction of general foliation.
295	Schistosity	55	10								schistosity in shear zone. same orientation of general foliation
311	Foliation	50	15								General foliation in lappili tuff.

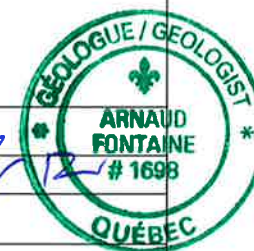
DRILL LOG REPORT

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF

Project	Drilling	Collar	Coordinates
Project Number: Qiqavik Claim Number: 2442118 Property: Focused Intrusive Purpose: Exp Target: NTS: 35G12 Operator: OMC	Drilling Started: Aug 21, 2019 Drilling Completed: Aug 24, 2019 Drilling Contractor: Forage G4 Core Location: CC Object in Hole: OIH Comments:	UTM Zone: NAD83 / UTM zone 18N Collar Survey Type: Geophysics Contractor: Casing: HW Casing Status: Left In Hole Oriented: Y Collar Dip: -55 Collar Azi: 20 Length: 240	Northing: 6,825,964 Easting: 464,998 Elevation: 396.50 Logged By: Geologist 1: Arnaud Fontaine, Géo Geologist 2: Geologist 3: Geologist 4:



Detailed Lithology					Mineralization				Alteration					
From	To	Lithology			From	To	Type	Style	%	From	To	Style	Type	Intensity

0.0	10.65	OB, Overburden												
		Oxidation Texture	Grain Size	Tone	Colour									
10.65	240.0	I1C, Granodiorite				10.65	11.26	Pyrrhotite	Trace	0.1	10.65	11	Pervasive	Oxidation Weak
		Oxidation Texture	Grain Size	Tone	Colour			Comments					Comments	
		Massive	Medium Grained (1/16 to 2 mm)			11.26	12.32	Pyrite	Trace	0.1	27.2	27.3	Pervasive	Sericitization Strong
								Comments					Comments	
						15.81	16.51	Sphalerite	Fracture/Vein Controlled	0.3	30.25	30.3	Pervasive	Silicification Strong
								Comments					Comments	
						17.34	17.64	Pyrrhotite	Fracture/Vein Controlled	1	34.96	36.55	Pervasive	Sericitization Moderate
								Comments					Comments	
						18.89	20.17	Pyrrhotite	Trace	0.1	36.55	36.79	Pervasive	Oxidation Strong
								Comments					Comments	

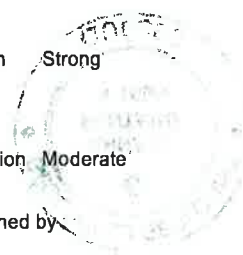
DRILL LOG REPORT

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology			Mineralization			Alteration						
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	20.17		20.17	20.89	Sphalerite	Fracture/Vein Controlled	0.5	41.5	43.12	Pervasive	Silicification	Strong
					Comments					Comments		
	22		22	23	Pyrrhotite	Fracture/Vein Controlled	0.25	52.9	54.35	Pervasive	Silicification	Strong
					Comments quartz-vein					Comments Bleached by alteration		
	24.37		24.37	27.15	Sphalerite	Trace	0.1	55.15	56.25	Pervasive	Oxidation	Strong
					Comments					Comments		
	27.15		27.15	27.57	Pyrrhotite	Fracture/Vein Controlled	2	59.5	62	Pervasive	Fuchsite	Strong
					Comments Arsenopyrite?					Comments Bleached		
	27.57		27.57	30.24	Pyrrhotite	Trace		65	68	Pervasive	Oxidation	Strong
					Comments Some in FV					Comments		
	30.24		30.24	30.61	Pyrrhotite	Fracture/Vein Controlled	0.5	69.9	70.3	Pervasive	Fuchsite	Strong
					Comments					Comments Bleached		
	30.61		30.61	34.69	Pyrrhotite	Fracture/Vein Controlled	0.1	71	72.8	Pervasive	Oxidation	Strong
					Comments Some disseminated					Comments		
	34.69		34.69	35	Arsenopyrite	Fracture/Vein Controlled	0.5	84	85.75	Fracture/Vein Controlled	Silicification	Moderate
					Comments One veinlets filled with As and another filled with Py					Comments Fracture locally bleached by silicification		
	35		35	41.78	Pyrrhotite	Fracture/Vein Controlled	0.2	88.67	94.3	Pervasive	Silicification	Strong
					Comments					Comments @90m SR		
	41.78		41.78	43.26	Sphalerite	Fracture/Vein Controlled	2	108.95	112	Pervasive	Silicification	Strong
					Comments associated with 3cm vqtz					Comments Bleached		



DRILL LOG REPORT

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF

Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
			43.26	48	Pyrrhotite	Disseminated	0.1	129.85	130.38	Pervasive	Silicification	Moderate
					Comments					Comments		
					Also related to some fracture with bleaching					Related to a fracture		
			48	48.3	Sphalerite	Fracture/Vein Controlled	2	135.46	137.53	Pervasive	Silicification	Moderate
					Comments					Comments		
					Vqtz with sphalerite							
			48.3	52.97	Pyrrhotite	Disseminated	0.1	137.53	138.15	Pervasive	Silicification	Strong
					Comments					Comments		
					Also related to some fracture with bleaching					related to a fracture		
			52.97	54.32	Pyrrhotite	Fracture/Vein Controlled	1	141.33	142.03	Pervasive	Silicification	Moderate
					Comments					Comments		
					Interval with many fractures with Vqtz-Carb filling. Mineralization along those fractures.					Related to quartz vein extensional in fracture		
			54.32	59.57	Pyrrhotite	Disseminated	0.25	147.5	148.5	Fracture/Vein Controlled	Silicification	Weak
					Comments					Comments		
					Disseminated Po and sometimes in FV					Related to fractures		
			59.57	76.06	Pyrrhotite	Disseminated	0.25	158.58	161.38	Pervasive	Silicification	Moderate
					Comments					Comments		
					Disseminated Po sometimes more concentrated in altered intervals. Sometimes in FV with Py					Related to fractures		
			76.06	76.43	Arsenopyrite	Fracture/Vein Controlled	0.1	167.71	171.69	Pervasive	Silicification	Strong
					Comments					Comments		
					1cm Vqtz vein with As-Po and Py							
			76.43	84	Pyrrhotite	Disseminated	0.05	171.69	172.45	Pervasive	Silicification	Strong
					Comments					Comments		
										Related to a Vqtz in the middle of the interval		
								172.45	175.15	Pervasive	Silicification	Strong
					Comments					Comments		

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Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	84		84	85.2	Arsenopyrite	Fracture/Vein Controlled	0.2	176.22	177.7	Fracture/Vein Controlled	Silicification	Moderate
					Comments					Comments		
					Related to a serie of small fractures with chlorite. Some cubic and some shards of As. All veinlets carying have the same orientation.					Related to fractures		
	85.2		85.2	89	Pyrrhotite	Disseminated	0.05	182	184	Pervasive	Silicification	
					Comments					Comments		
					Bleached							
	89		89	94.74	Pyrrhotite	Disseminated	0.25	185.9	187.2	Fracture/Vein Controlled	Silicification	Moderate
					Comments					Comments		
					Related to fractures							
	94.74		94.74	95	Pyrrhotite	Fracture/Vein Controlled	0.5	191.06	192.15	Fracture/Vein Controlled	Sericitization	Moderate
					Comments					Comments		
					Related to a quartz-carbonate vein					Related to fractures		
	95		95	96	Pyrrhotite	Disseminated	0.25	201.7	204.7	Fracture/Vein Controlled	Silicification	Moderate
					Comments					Comments		
					Related to fractures							
	96		96	96.34	Pyrrhotite	Fracture/Vein Controlled	0.5	216.48	217.7	Pervasive	Silicification	Strong
					Comments					Comments		
					Related to a quartz-carbonate vein.					Related to a fractures in the middle		
	96.34		96.34	100	Pyrrhotite	Disseminated	0.25	232.1	235.75	Pervasive	Silicification	Strong
					Comments					Comments		
					Related to fractures							
	100		100	100.36	Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
					Related to a vqtz mm in a fracture							
	100.36		100.36	103	Pyrrhotite	Disseminated	0.25					
					Comments							

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Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	103		103	103.46	Pyrrhotite	Fracture/Vein Controlled	0.75					
					Comments							
					Related to a vqtz mm in a fracture							
	103.46		103.46	105	Pyrrhotite	Disseminated	0.25					
					Comments							
	105		105	118.71	Pyrrhotite	Disseminated	0.5					
					Comments							
					More frequency of Po-Py in small fractures in this interval.							
	118.71		118.71	130	Pyrrhotite	Disseminated	0.5					
					Comments							
	130		130	130.15	Molybdenite	Fracture/Vein Controlled	1					
					Comments							
					Vqtz with Mo							
	130.15		130.15	141.4	Pyrrhotite	Disseminated	0.5					
					Comments							
	141.4		141.4	141.7	Pyrrhotite	Fracture/Vein Controlled	5					
					Comments							
					Related to vqtz in fractures							
	141.7		141.7	144.45	Pyrrhotite	Disseminated	0.5					
					Comments							
	144.45		144.45	144.55	Molybdenite	Fracture/Vein Controlled	0.1					
					Comments							
	144.55		144.55	154.3	Pyrrhotite	Disseminated	0.5					
					Comments							

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Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	154.3		155.5		Pyrrhotite	Fracture/Vein Controlled	1					
					Comments							
					Also disseminated							
	155.5		158.58		Pyrrhotite	Disseminated	0.5					
					Comments							
	158.58		161.38		Pyrite	Disseminated	0.75					
					Comments							
					Inside altered interval							
	161.38		172.72		Pyrrhotite	Disseminated	0.2					
					Comments							
	172.72		175.15		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
					Inside altered interval							
	175.15		182		Pyrrhotite	Disseminated	0.25					
					Comments							
	182		184		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
	184		188		Pyrrhotite	Disseminated	0.25					
					Comments							
					Also in some fractures/veinlets							
	188		193.9		Pyrrhotite	Disseminated	0.1					
					Comments							
	193.9		194.05		Pyrrhotite	Fracture/Vein Controlled	1					
					Comments							

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Detailed Lithology			Mineralization			Alteration						
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	194.05		196		Pyrrhotite	Disseminated	0.1					
					Comments							
	196		196.1		Molybdenite	Fracture/Vein Controlled	0.2					
					Comments							
	196.1		198.48		Pyrrhotite	Disseminated	0.1					
					Comments							
	198.48		198.68		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
	198.68		200.15		Pyrrhotite	Disseminated	0.1					
					Comments							
	200.15		200.25		Molybdenite	Fracture/Vein Controlled	2					
					Comments							
					Filling a fracture							
	200.25		203.27		Pyrrhotite	Disseminated	0.25					
					Comments							
	203.27		204		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
	204		210.48		Pyrrhotite	Disseminated	0.25					
					Comments							
	210.48		211.38		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							

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Detailed Lithology			Mineralization				Alteration					
From	To	Lithology	From	To	Type	Style	%	From	To	Style	Type	Intensity
	211.38		216.47		Pyrrhotite	Disseminated	0.25					
					Comments							
	216.47		217.4		Pyrrhotite	Fracture/Vein Controlled	0.25					
					Comments rare disseminated. More in fractures/veins							
	217.4		229.69		Pyrrhotite	Disseminated	0.5					
					Comments							
	229.69		230.45		Pyrrhotite	Fracture/Vein Controlled	0.5					
					Comments							
	230.45		233.08		Pyrrhotite	Disseminated	0.5					
					Comments							
	233.08		233.45		Pyrite	Disseminated	0.1					
					Comments							
	233.45		233.55		Pyrite	Fracture/Vein Controlled	5					
					Comments Related to a Quartz-Carbonate vein. 900 ppm As and 1300 ppm Sb on the XRF							
	233.55		237.15		Pyrite	Fracture/Vein Controlled	0.25					
					Comments							
	237.15		240		Pyrrhotite	Disseminated	0.5					
					Comments							

Sampling										
From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)		
10.65	11.26	B00395725	Core	0.034	1	28.6	60	18		

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
11.26	12.32	B00395726	Core	0.151	1	23.1	58	18
12.32	13.51	B00395727	Core	0.053	1	17	59	14
13.51	15.0	B00395728	Core	0.027	1	15.3	55	14
15.0	15.81	B00395729	Core	0.035	1	26.5	72	14
15.0	15.81	B00395730	Pulp	0.033	1	27.3	70	13
15.81	16.51	B00395731	Core	0.154	1	33.5	183	187
16.51	17.39	B00395732	Core	0.051	1	13.2	56	13
17.39	17.69	B00395733	Core	3.368	1	20.2	67	46
17.69	18.89	B00395734	Core	0.035	1	22.6	94	14
18.89	20.17	B00395735	Core	0.041	1	29	70	11
20.17	20.89	B00395736	Core	0.028	1	43.2	937	9
20.89	22.0	B00395737	Core	0.031	1	27.6	127	10
22.0	23.0	B00395738	Core	0.027	1	31	123	10
23.0	24.37	B00395739	Core	0.015	1	14.3	56	15
24.37	25.0	B00395741	Core	0.021	1	9.6	67	16
25.0	26.0	B00395742	Core	0.044	1	13.8	95	19
26.0	27.15	B00395743	Core	0.023	1	11.7	89	18
27.15	27.57	B00395744	Core	0.052	1	9.5	33	7
27.57	28.34	B00395745	Core	0.006	1	5.5	57	14
28.34	28.7	B00395746	Core	0.019	1	19.2	64	12
28.7	29.94	B00395747	Core	0.016	1	10.7	55	14
29.94	30.61	B00395748	Core	0.045	1	14.7	76	15
30.61	31.55	B00395749	Core	0.112	1	20.3	57	18
31.55	32.38	B00395751	Core	0.053	1	15.2	53	16

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
32.38	33.4	B00395752	Core	0.018	1	10	58	14
33.4	34.46	B00395753	Core	0.009	1	9.7	50	14
34.46	34.89	B00395754	Core	0.951	1	233	71	12
34.89	35.19	B00395755	Core	0.222	1	14.6	119	19
35.19	36.4	B00395756	Core	0.02	1	12.9	92	18
36.4	37.0	B00395757	Core	0.032	1	24.9	60	8
37.0	38.0	B00395758	Core	0.008	1	18.8	34	7
38.0	39.0	B00395759	Core	0.046	1	14.6	52	15
38.0	39.0	B00395760	Pulp	0.031	1	14.6	54	14
39.0	40.0	B00395761	Core	0.032	1	32.9	55	12
40.0	40.77	B00395762	Core	0.028	1	22.1	51	14
40.77	41.78	B00395763	Core	0.163	1	46	63	12
41.78	42.15	B00395764	Core	2.528	100	70.3	6606	3036
42.15	43.26	B00395765	Core	0.538	1	37	169	34
43.26	44.0	B00395766	Core	0.042	1	22.8	70	20
44.0	45.0	B00395767	Core	0.076	1	31.1	54	14
45.0	46.0	B00395768	Core	0.065	1	12.6	55	15
46.0	47.0	B00395769	Core	0.038	1	10	57	14
47.0	48.0	B00395771	Core	0.015	1	5.6	61	16
48.0	48.3	B00395772	Core	5.478	1	19.8	195	17
48.3	49.0	B00395773	Core	0.008	1	6.2	62	18
49.0	50.0	B00395774	Core	0.234	1	10.1	58	17
50.0	51.0	B00395775	Core	0.016	1	26.6	50	13
51.0	52.0	B00395776	Core	0.011	1	10.9	56	16

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
52.0	52.97	B00395777	Core	0.009	1	10.5	62	20
52.97	53.67	B00395778	Core	0.012	3	25.6	231	193
53.67	54.32	B00395779	Core	0.016	3	42.5	147	192
54.32	55.32	B00395781	Core	0.318	1	27.8	60	19
55.32	56.41	B00395782	Core	0.263	1	52.6	61	10
56.41	57.09	B00395783	Core	0.021	1	25.7	55	12
57.09	58.0	B00395784	Core	0.106	1	14.8	56	13
58.0	59.0	B00395785	Core	0.04	1	13.9	56	14
59.0	59.57	B00395786	Core	0.057	1	16.8	67	15
59.57	60.56	B00395787	Core	0.024	1	24.2	52	9
60.56	61.93	B00395788	Core	0.013	1	7	60	6
61.93	63.0	B00395789	Core	0.012	1	14.1	58	13
61.93	63.0	B00395790	Pulp	0.013	1	15.1	57	14
63.0	63.8	B00395791	Core	0.025	1	24.4	53	13
63.8	64.8	B00395792	Core	0.007	1	20.8	54	13
64.8	65.36	B00395793	Core	0.017	1	34.9	66	8
65.36	66.0	B00395794	Core	0.024	1	11	60	17
66.0	67.13	B00395795	Core	0.031	1	43.8	50	9
67.13	68.14	B00395796	Core	0.091	1	29.7	62	20
68.14	69.0	B00395797	Core	0.027	1	24.8	66	14
69.0	69.76	B00395798	Core	0.087	1	34	60	13
69.76	70.28	B00395799	Core	0.278	1	49.5	51	18
70.28	71.43	B00395801	Core	0.023	1	11.9	53	15
71.43	72.4	B00395802	Core	0.014	1	23.7	55	10

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From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
72.4	73.25	B00395803	Core	0.023	1	16.5	58	12
73.25	74.0	B00395804	Core	0.035	1	14.3	57	16
74.0	75.0	B00395805	Core	0.043	1	17.8	59	16
75.0	76.07	B00395806	Core	0.017	1	9.4	58	17
76.07	76.43	B00395807	Core	0.034	1	16.3	57	17
76.43	77.76	B00395808	Core	0.006	1	23	48	10
77.76	79.0	B00395809	Core	0.007	1	10.7	61	14
79.0	80.0	B00395811	Core	0.009	1	12.3	54	13
80.0	81.0	B00395812	Core	0.0025	1	6.5	51	16
81.0	82.0	B00395813	Core	0.005	1	6.8	53	17
82.0	83.0	B00395814	Core	0.0025	1	6.5	52	16
83.0	83.95	B00395815	Core	0.011	1	10.4	48	13
83.95	84.41	B00395816	Core	0.052	1	28.4	76	13
84.41	84.83	B00395817	Core	0.023	1	10.3	55	15
84.83	85.16	B00395818	Core	0.049	1	14.8	55	18
85.16	85.78	B00395819	Core	0.151	1	22.4	79	18
85.78	86.8	B00395821	Core	0.013	1	12.7	53	17
86.8	87.8	B00395822	Core	0.008	1	18.2	47	13
87.8	88.6	B00395823	Core	0.0025	1	8.5	58	17
88.6	89.28	B00395824	Core	0.037	1	14.2	19	8
89.28	90.0	B00395825	Core	0.111	1	17.1	17	5
90.0	91.3	B00395826	Core	0.045	1	18.1	40	10
91.3	92.58	B00395827	Core	0.04	1	21.7	40	11
92.58	93.52	B00395828	Core	0.166	1	19.6	31	11

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From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
93.52	94.53	B00395829	Core	0.093	1	32.7	49	8
93.52	94.53	B00395830	Pulp	0.091	1	33.8	50	8
94.53	95.0	B00395831	Core	0.294	1	39.4	53	9
95.0	96.0	B00395832	Core	0.044	1	24.2	63	12
96.0	96.34	B00395833	Core	0.043	1	27.5	67	15
96.34	97.0	B00395834	Core	0.01	1	54.3	59	10
97.0	98.0	B00395835	Core	0.118	1	17.5	70	14
98.0	99.0	B00395836	Core	0.166	1	20.4	77	26
99.0	100.0	B00395837	Core	0.044	1	25.2	76	15
100.0	100.36	B00395838	Core	0.021	1	24.9	90	15
100.36	101.0	B00395839	Core	0.022	1	27.2	80	15
101.0	102.0	B00395841	Core	0.02	1	30	71	14
102.0	103.0	B00395842	Core	0.113	1	24	68	13
103.0	103.46	B00395843	Core	0.125	1	14.9	63	13
103.46	104.0	B00395844	Core	0.161	1	24.5	63	32
104.0	105.0	B00395845	Core	0.927	1	21.5	56	14
105.0	105.85	B00395846	Core	0.128	1	13.9	59	13
105.85	106.6	B00395847	Core	0.125	1	33.9	55	11
106.6	107.6	B00395848	Core	0.108	1	16.8	68	23
107.6	108.6	B00395849	Core	0.125	1	17.5	64	15
108.6	109.65	B00395851	Core	0.043	1	18	65	24
109.65	110.34	B00395852	Core	0.1	1	17.2	56	13
110.34	111.09	B00395853	Core	0.125	1	26.9	61	20
111.09	112.0	B00395854	Core	2.299	1	21.2	54	27

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
112.0	113.0	B00395855	Core	0.154	1	19.4	64	13
113.0	113.41	B00395856	Core	0.149	1	17.7	55	12
113.41	114.55	B00395857	Core	0.096	1	21.5	56	13
114.55	115.0	B00395858	Core	0.079	1	40.1	49	10
115.0	116.0	B00395859	Core	0.105	1	12.5	59	12
115.0	116.0	B00395860	Pulp	0.128	1	11.8	56	12
116.0	117.0	B00395861	Core	0.082	1	5.8	64	12
117.0	117.67	B00395862	Core	0.04	1	6.8	59	12
117.67	118.71	B00395863	Core	0.098	1	38.5	76	17
118.71	119.0	B00395864	Core	0.04	1	22.7	63	13
119.0	120.0	B00395865	Core	0.212	1	20.6	65	13
120.0	121.0	B00395866	Core	0.06	1	17.8	67	12
121.0	122.0	B00395867	Core	0.064	1	27.5	69	54
122.0	122.4	B00395868	Core	0.022	1	50.7	59	13
122.4	123.0	B00395869	Core	0.034	1	38.9	65	16
123.0	124.0	B00395871	Core	0.016	1	21.4	57	12
124.0	125.0	B00395872	Core	0.023	1	22.7	61	13
125.0	126.0	B00395873	Core	0.089	1	33.4	60	14
126.0	127.0	B00395874	Core	0.043	1	46.1	62	13
127.0	128.0	B00395875	Core	0.074	1	32.6	62	13
128.0	129.0	B00395876	Core	0.047	1	36.4	70	14
129.0	129.95	B00395877	Core	0.01	1	24.7	62	13
129.95	130.38	B00395878	Core	0.362	1	34.2	56	12
130.38	131.0	B00395879	Core	0.099	1	34.9	66	12

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
131.0	132.0	B00395881	Core	0.101	1	17.2	58	13
132.0	133.0	B00395882	Core	0.104	1	12.9	55	13
133.0	134.0	B00395883	Core	0.093	1	14.2	51	13
134.0	135.46	B00395884	Core	0.046	1	17.3	51	13
135.46	136.22	B00395885	Core	0.231	1	22.6	54	10
136.22	136.78	B00395886	Core	0.052	1	27.1	56	13
136.78	137.53	B00395887	Core	0.11	1	40.7	57	11
137.53	138.15	B00395888	Core	0.041	1	50.9	36	9
138.15	139.31	B00395889	Core	0.058	1	26.5	60	11
138.15	139.31	B00395890	Pulp	0.035	1	26.4	60	12
139.31	140.47	B00395891	Core	0.177	1	12.9	54	13
140.47	141.31	B00395892	Core	0.14	1	13.1	52	10
141.31	142.03	B00395893	Core	0.277	1	508	47	6
142.03	143.0	B00395894	Core	0.043	1	17.1	53	12
143.0	144.35	B00395895	Core	0.046	1	12.6	58	13
144.35	144.65	B00395896	Core	0.116	1	13.4	47	13
144.65	146.0	B00395897	Core	0.08	1	16.8	58	13
146.0	147.15	B00395898	Core	0.038	1	23.5	56	13
147.15	148.59	B00395899	Core	0.063	1	36.2	51	12
148.59	150.0	B00395901	Core	0.013	1	14.6	50	14
150.0	151.0	B00395902	Core	0.0025	1	17.5	47	15
151.0	152.0	B00395903	Core	0.068	1	19.8	49	13
152.0	153.0	B00395904	Core	0.032	1	31.1	57	15
153.0	153.8	B00395905	Core	0.029	1	19.5	47	14

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF
Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
153.8	154.35	B00395906	Core	0.121	1	17.4	53	13
154.35	155.48	B00395907	Core	0.219	1	19.3	76	17
155.48	156.5	B00395908	Core	0.017	1	13.6	53	15
156.5	157.5	B00395909	Core	0.018	1	8.5	55	15
157.5	158.58	B00395911	Core	0.262	1	11.3	56	17
158.58	159.44	B00395912	Core	0.024	1	44.1	33	7
159.44	160.36	B00395913	Core	0.053	1	20.6	32	8
160.36	161.38	B00395914	Core	0.118	1	24.5	45	10
161.38	162.11	B00395915	Core	0.054	1	15.7	56	13
162.11	163.0	B00395916	Core	0.082	1	17.4	54	13
163.0	164.5	B00395917	Core	0.015	1	16.7	53	14
164.5	165.61	B00395918	Core	0.021	1	15.1	50	14
165.61	166.54	B00395919	Core	0.021	1	17.3	48	12
165.61	166.54	B00395920	Pulp	0.019	1	16.9	50	12
166.54	167.76	B00395921	Core	0.021	1	11.9	57	16
167.76	168.8	B00395922	Core	0.007	1	10.2	51	14
168.8	169.94	B00395923	Core	0.269	1	24.6	45	11
169.94	170.74	B00395924	Core	0.013	1	20.4	47	13
170.74	171.68	B00395925	Core	0.026	1	21.5	49	11
171.68	172.49	B00395926	Core	0.017	1	21.1	53	9
172.49	173.42	B00395927	Core	0.094	1	37.2	52	8
173.42	174.0	B00395928	Core	8.57	1	48.9	106	12
174.0	174.83	B00395929	Core	0.039	1	48.1	50	12
174.83	175.26	B00395931	Core	0.345	1	40.9	44	11

Hole Number: QK-19-006

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
175.26	176.21	B00395932	Core	0.01	1	13.3	50	13
176.21	177.71	B00395933	Core	0.023	1	20	46	11
177.71	179.0	B00395934	Core	0.012	1	19	47	12
179.0	180.0	B00395935	Core	0.032	1	20	62	12
180.0	181.0	B00395936	Core	0.019	1	20.1	57	14
181.0	182.0	B00395937	Core	0.019	1	22	50	15
182.0	182.86	B00395938	Core	0.014	1	39.8	34	7
182.86	183.35	B00395939	Core	0.021	1	42.5	30	5
182.86	183.35	B00395940	Pulp	0.017	1	39.7	29	5
183.35	184.0	B00395941	Core	0.02	1	45.6	24	6
184.0	185.0	B00395942	Core	0.046	1	22.7	53	13
185.0	185.9	B00395943	Core	0.097	1	22.7	68	14
185.9	186.5	B00395944	Core	0.015	1	16.1	53	12
186.5	187.35	B00395945	Core	0.204	1	26.4	51	12
187.35	188.0	B00395946	Core	0.009	1	13.1	53	13
188.0	189.0	B00395947	Core	0.017	1	10.2	53	14
189.0	190.0	B00395948	Core	0.009	1	6.6	50	14
190.0	191.0	B00395949	Core	0.006	1	7.1	51	14
191.0	192.17	B00395951	Core	0.078	1	13.9	48	13
192.17	193.2	B00395952	Core	0.083	1	12.9	50	15
193.2	193.86	B00395953	Core	0.01	1	9.9	51	15
193.86	194.2	B00395954	Core	0.879	1	27.5	38	20
194.2	195.19	B00395955	Core	0.009	1	19.9	51	13
195.19	195.96	B00395956	Core	0.007	1	16	53	15

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Resp. Person: Arnaud Fontaine, Géo

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
195.96	196.51	B00395957	Core	0.103	1	17.9	77	46
196.51	197.48	B00395958	Core	0.021	1	17.1	54	13
197.48	198.0	B00395959	Core	0.07	1	24.4	56	13
198.0	198.58	B00395961	Core	0.017	1	33.1	55	14
198.58	198.88	B00395962	Core	0.042	1	71.5	58	15
198.88	200.0	B00395963	Core	0.036	1	63.4	56	15
200.0	200.3	B00395964	Core	0.035	1	16	55	15
200.3	201.0	B00395965	Core	0.018	1	13.1	56	15
201.0	201.62	B00395966	Core	0.015	1	14.4	56	16
201.62	202.28	B00395967	Core	0.079	1	15.9	55	15
202.28	203.27	B00395968	Core	0.017	1	12.5	55	16
203.27	204.0	B00395969	Core	0.037	1	18.8	69	14
203.27	204.0	B00395970	Pulp	0.031	1	25.9	58	13
204.0	205.0	B00395971	Core	0.017	1	13.6	56	16
205.0	206.0	B00395972	Core	0.012	1	14.9	63	15
206.0	207.0	B00395973	Core	0.034	1	15.7	56	16
207.0	208.0	B00395974	Core	0.011	1	11.1	52	14
208.0	209.0	B00395975	Core	0.027	1	6.7	64	15
209.0	210.0	B00395976	Core	0.0025	1	5.2	64	12
210.0	210.48	B00395977	Core	0.014	1	16.8	72	13
210.48	211.38	B00395978	Core	0.009	1	9.8	67	13
211.38	212.26	B00395979	Core	0.0025	1	9.2	67	15
212.26	213.18	B00395981	Core	0.017	1	13	60	15
213.18	214.0	B00395982	Core	0.0025	1	6.7	61	16

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
214.0	215.0	B00395983	Core	0.008	1	9.2	60	16
215.0	216.0	B00395984	Core	0.009	1	9.1	56	16
216.0	216.47	B00395985	Core	0.02	1	26.4	55	12
216.47	217.0	B00395986	Core	0.008	1	43.4	37	6
217.0	217.7	B00395987	Core	0.05	1	24.1	42	8
217.7	218.54	B00395988	Core	0.016	1	24.1	61	15
218.54	219.08	B00395989	Core	0.009	1	19.4	57	15
219.08	220.0	B00395991	Core	0.009	1	19.3	57	16
220.0	221.0	B00395992	Core	0.016	1	18.9	58	15
221.0	222.0	B00395993	Core	0.009	1	17	59	15
222.0	223.0	B00395994	Core	0.009	1	12.8	59	16
223.0	223.95	B00395995	Core	0.008	1	21.7	60	16
223.95	225.0	B00395996	Core	0.01	1	19.5	59	15
225.0	226.0	B00395997	Core	0.008	1	16.6	58	16
226.0	226.3	B00395998	Core	0.007	1	12.8	49	14
226.3	227.0	B00395999	Core	0.017	1	13.5	55	15
226.3	227.0	B00396000	Pulp	0.008	1	13.6	56	15
227.0	228.0	B00396001	Core	0.015	1	18.8	56	15
228.0	229.0	B00396002	Core	0.012	1	10.8	58	16
229.0	229.69	B00396003	Core	0.026	1	12.2	59	16
229.69	230.45	B00396004	Core	0.08	1	30.7	63	15
230.45	231.0	B00396005	Core	0.012	1	23.2	57	15
231.0	232.0	B00396006	Core	0.011	1	24.3	61	15
232.0	233.08	B00396007	Core	0.02	1	19.8	56	15

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Sampling

From	To	Sample Number	Sample Type	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
233.08	233.38	B00396008	Core	0.035	1	27.8	58	14
233.38	233.69	B00396009	Core	0.086	1	114	19	6
233.69	234.06	B00396011	Core	0.067	1	31.6	34	8
234.06	234.94	B00396012	Core	0.011	1	44.8	44	8
234.94	235.51	B00396013	Core	0.023	1	33.4	30	1
235.51	235.91	B00396014	Core	0.013	1	23.5	51	9
235.91	236.51	B00396015	Core	0.0025	1	18.2	61	12
236.51	237.15	B00396016	Core	0.014	1	25.2	36	7
237.15	238.0	B00396017	Core	0.031	1	18.4	67	12
238.0	239.0	B00396018	Core	0.018	1	19.7	70	13
239.0	240.0	B00396019	Core	0.024	1	17.1	66	14
239.0	240.0	B00396020	Pulp	0.02	1	18.9	65	13

Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
10.65	12	1.35	1.35	100	1.12	82.96	<11<M
12	15	3	3.04	101.33	2.8	92.11	<111<M
15	18	3	2.96	98.67	2.62	88.51	<111<M
18	21	3	3.03	101	2.67	88.12	<111<M
21	24	3	2.97	99	2.89	97.31	0<111<
24	27	3	3	100	2.75	91.67	-75<111<
27	30	3	3	100	2.8	93.33	75<111<
30	33	3	3.04	101.33	2.48	81.58	20<111<
33	36	3	3	100	2.46	82	M>100=
36	39	3	3	100	2.7	90	N=011<

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
39	42	3	3.05	101.67	2.91	95.41	-15<111<
42	45	3	3	100	2.66	88.67	15<111<M
45	48	3	3.05	101.67	2.66	87.21	<111<M
48	51	3	2.92	97.33	2.56	87.67	<111<
51	54	3	3.06	102	3	98.04	0<111<
54	57	3	3.05	101.67	2.15	70.49	M>11.1<
57	60	3	3	100	2.66	88.67	0<111<
60	63	3	3	100	2.7	90	-10<111<
63	66	3	3	100	2	66.67	M>100=
66	69	3	3.11	103.67	2.07	66.56	
69	72	3	3.05	101.67	1.57	51.48	
72	75	3	3.1	103.33	2.64	85.16	
75	78	3	3	100	2.5	83.33	
78	81	3	3	100	2.21	73.67	
81	84	3	3.06	102	1.48	48.37	=001<
84	87	3	3.04	101.33	2.6	85.53	M>111>
87	90	3	3.06	102	2.3	75.16	M>110=
90	93	3	3	100	2.42	80.67	=001<M
93	96	3	3.1	103.33	2.8	90.32	<111<M
96	99	3	2.97	99	2.88	96.97	<111<M
99	102	3	2.92	97.33	2.64	90.41	<111<
102	105	3	2.9	96.67	2.77	95.52	N<111<
105	108	3	3.04	101.33	2.93	96.38	20<111<
108	111	3	2.98	99.33	2.96	99.33	20<111<M

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
111	114	3	3.04	101.33	2.82	92.76	<111<
114	117	3	3	100	2.73	91	10<111<
117	120	3	2.9	96.67	2.81	96.9	-10<111<
120	123	3	2.99	99.67	2.36	78.93	M>1.11<
123	126	3	3.09	103	2.83	91.59	40<111<
126	129	3	3.09	103	2.66	86.08	45<111<
129	132	3	3.02	100.67	2.91	96.36	-15<111<
132	135	3	2.96	98.67	2.87	96.96	
135	138	3	3.04	101.33	2.8	92.11	
138	141	3	2.97	99	2.75	92.59	
141	144	3	3.01	100.33	2.61	86.71	10<111<
144	147	3	3.01	100.33	3.01	100	40<111<
147	150	3	2.88	96	2.63	91.32	
150	153	3	3.09	103	3.02	97.73	
153	156	3	3.04	101.33	2.98	98.03	N<111<
156	159	3	2.98	99.33	2.51	84.23	-15<111<
159	162	3	2.98	99.33	2.82	94.63	M>.111<
162	165	3	3.1	103.33	3.01	97.1	
165	168	3	2.92	97.33	2.71	92.81	
168	171	3	2.94	98	2.78	94.56	Drill spin at the end. Orientation Line not good
171	174	3	3.06	102	2.93	95.75	<111<
174	177	3	3.02	100.67	2.76	91.39	M>100=
177	180	3	3	100	2.76	92	
180	183	3	3.01	100.33	2.83	94.02	

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Geotechnical

From	To	Interval	Recovery	Recovery %	RQD	RQD %	Comments
183	186	3	2.98	99.33	2.19	73.49	
186	189	3	3.13	104.33	3.12	99.68	
189	192	3	3	100	2.6	86.67	
192	195	3	3	100	3	100	-10<111<
195	198	3	2.98	99.33	2.86	95.97	0<111<
198	201	3	2.99	99.67	2.99	100	0<111<
201	204	3	3	100	2.91	97	-30<111<
204	207	3	3.04	101.33	3.04	100	
207	210	3	2.98	99.33	2.83	94.97	
210	213	3	3.01	100.33	3.01	100	
213	216	3	2.96	98.67	2.78	93.92	50<111<
216	219	3	2.97	99	2.91	97.98	-60<111<
219	222	3	3.04	101.33	3.04	100	0<111<
222	225	3	3.03	101	2.96	97.69	0<111<
225	228	3	2.92	97.33	2.77	94.86	10<111<
228	231	3	3.01	100.33	2.82	93.69	0<111<
231	234	3	3.06	102	2.73	89.22	0<111<
234	237	3	3.01	100.33	2.81	93.36	-50<111<
237	240	3	3.02	100.67	2.91	96.36	M>11.1<

Structure

From	To	Structure	Alpha	Beta	Fill Material 1	Fill Material 2	Comments
55.32	56.41	Fracturing	20	170			Series of fracturing in the same orientation with oxidation
89.28	89.43	Fault	55	50			Fault in a quartz-carbonate vein. Broken core. Halo of oxydation around it. Inside the silicified/sericitized alteration interval.
191.61	191.68	Fracturing					With broken core due to drilling

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
16.16	Quartz Vein	15	140								fractured mm quartz-chlorite veinlets (chlorite on edges) with locally traces of PO-PY @11.75, @15.10, @13.75, @18.42m, @19.49m, @23.28m
16.3	Fracturing	20	10								mm undulating fractures (not boudinaged) filled with principally with SP and locally quartz visible @20.22-20.80 (5 to 6 similar fractures with SP)
17.2	Quartz Vein	5	275								light greyish extensional centimetric quartz vein along core axis, locally trace PO in borders @19.06, @23.5, @24.0
17.55	Quartz Vein	35	110								centimetric (5cm) of quartz vein filled with 5% pyrrhotite-pyrite-chlorite veinlets (where it is mineralized the quartz is vuggy)
20.5	Fracturing	30	150								mm fractures filled with chlorite, sometimes quartz, PY and/or PO, cross-cuts the fractures filled with sphalerite, resembles the one measured @16.16m
20.71	Quartz Vein	20	275								extensional centimetric quartz vein with very fine traces of PO in borders, is cross cutted by the fracture filled sphalerite types
22.09	Fracturing	60	120								fractures filled with mm chlorite +/- carbonates veinlets with locally trace PO; between 10.5 and 26m average of 1-2 every 1 meter
22.6	Quartz Vein	25	170								centimetric (2-8cm) quartz veins with PY-PO-SP (sulfurs seems remobilized) and locally brecciated with carbonates
27.31	Quartz Vein	35	90								Series of 1 cm Vqtz Carrying Po
30.45	Quartz-Carbonate Vein	15	125								3cm vqtz with chlorite, carb and Po
34.82	Stringer										1-2 cm stringer Py-Po with Chlorite
35.96	Stringer										mm stringer of As-Py. Same orientation than Py-Po stringer before.
36.7	Quartz-Carbonate Vein	40	190								5-10 cm quartz-carbonate veins with chlorite. Oxidation around. Cavities. No apparent min. Series of Vqtz-Carb veins of 1 to 5 cm after on a meter with same orientation except one.
37.09	Quartz-Carbonate Vein	45	40								Veins with different orientation in a series
40.87	Quartz-Carbonate Vein	20	170								With Po
42.94	Quartz-Carbonate Vein	20	170								With SP-Po and Py.

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
48.07	Quartz Vein	25	120								Vqtz 2-3cm carrying Sp and Po
53.5	Quartz Vein	20	10								Serie of Vqtz with 1-5% Po-Py in a bleached interval. Presence of two serie in this interval
54.1	Quartz Vein	20	160								Second serie of Vqtz in fractures. Tr Sp
55.58	Fracturing	20	170								Area oxidized in fracturing. Presence of Vqtz and chl. Bleached under the oxidation.
57.02	Quartz-Carbonate Vein	45	170								Vqtz-Carb vein of 3 cm with Chl and Py
60.73	Fracturing	40	170								Fractur filled with chlorite. 5 fracture each meters from 60 to 62.
70.1	Quartz Vein										1cm Vqtz with Py
73.1	Quartz-Carbonate Vein										3cm Vqtz-Carb with chlorite patches on the boundary. Cavities.
76.23	Quartz Vein										1cm Vqtz with As-Po-Py
84.05	Stringer	25	170								Two veinlets/fractures with the same orientation carrying As.
85.05	Fracturing	30	160								Two fractures with As shards.
89.28	Quartz-Carbonate Vein	55	50								Quartz-carbonate veins in a fault. Broken. Oxidation halo.
90.46	Quartz Vein										2 cm extensionnal quartz vein. No min.
94.8	Quartz-Carbonate Vein	60	120								3cm With Po
96.2	Quartz-Carbonate Vein	30	140								1 cm With Po and Py. Chlorite
100.24	Quartz-Carbonate Vein	20	150								mm vqtz veilnet with po-py
103.21	Quartz-Carbonate Vein	10	240								mm. With Po and chlorite
110.65	Quartz-Carbonate Vein	25	170								1 cm vqtz in fractures with Py
111.67	Quartz Vein	10	290								Vqtz with Po. Cross cutted by 3 fractures that shifted the Vqtz of 1 cm.
111.74	Fracturing	40	90								Fractures filled with sericite and chlorite that shift a Vqtz of 1 cm
113.59	Quartz Vein	30	150								Vqtz of mm to 2 cm. with Po
114.84	Quartz-Carbonate Vein	50	160								With Py and Po
118.67	Quartz Vein	40	160								with Chl and Py

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Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
122.08	Quartz Vein	35	230								8 cm Vqtz white no min
122.36	Quartz Vein	35	230								1cm Vqtz white no min
123.23	Quartz Vein	40	210								Vqtz irregular white Py
123.66	Carbonate Vein	55	140								
130.06	Quartz Vein	65	140								Quartz vein with Mo
130.14	Fracturing	65	140								Fractures with oxydation halo
141.61	Quartz Vein	25	145								2 1cm vqtz aside. Po-Py and ccp
141.96	Quartz Vein	60	140								6cm Vqtz white no min
144.5	Quartz Vein	53	90								2cm Vqtz with Po and Mo
153.69	Quartz Vein	40	160								2cm Vqtz white no min
154.95	Quartz Vein	20	160								three 1cm vqtz translucent with same orientation between 154.35 and 155.48. Po-Py
158.69	Quartz-Carbonate Vein	35	170								1cm translucent with po
158.76	Quartz Vein	45	130								1cm white. Bring Ser alteration
159.7	Quartz-Carbonate Vein	90	0								No min. In alteratio interval
160.34	Quartz Vein	73	30								Chlorite. No min. In alteration.
172.05	Quartz Vein	75	50								5 vqtz 0.5 cm bringing Ser-Si alt
172.76	Quartz-Carbonate Vein	25	160								1 cm with Po-Py
173.55	Quartz Vein	25	160								Vqtz 4 cm with 2% Po
175	Quartz Vein	25	160								4 cm Vqtz with 1% Po
178.86	Quartz-Carbonate Vein										1 cm no min.
182.81	Quartz-Carbonate Vein										2 to 4 cm Irregular. Po-Py 0.5%
183.13	Quartz-Carbonate Vein										1cm with another Vqtz that are joint to it.
183.21	Quartz-Carbonate Vein										mm to cm that die on the previous vqtz-carb. Py 1%
183.55	Quartz Vein										5 cm white quartz vein with 0.1% Po

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF

Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
183.65	Quartz Vein										5cm white quart vein irregular
185.95	Quartz-Carbonate Vein										Two 1 cm vein no apparent min
187.1	Quartz-Carbonate Vein										1cm
187.21	Quartz-Carbonate Vein										1cm
188.17	Quartz Vein										1cm with chlorite and po
191.03	Quartz-Carbonate Vein										1cm bringing alteration Ser-Si
193.05	Quartz-Carbonate Vein	45	130								3 cm white po-Py-0.2%
196.05	Quartz Vein	45	150								series of 1cm small quartz vein (see in veining) with sometimes Po. The one taken here have Mo.
198.65	Quartz Vein										1cm with 0.5% Po and Mb
200.19	Fracturing										Filled with Mo
202.77	Quartz Vein	47	150								With 0.1% Py
210.53	Quartz Vein										1cm with 0.5% Po
210.86	Quartz Vein										1cm with 0.5% Po
211.3	Quartz Vein										1cm with 0.5% Po
213.05	Quartz Vein	20	130								mm with 2% Po-Py
216.55	Quartz-Carbonate Vein	40	160								1cm crosscutting another vqtz. 0.5% Py
216.6	Quartz Vein	30	100								1cm. Crosscutted by another vein. No min
217.21	Quartz-Carbonate Vein	40	160								5cm Quartz-carbonate vein 0.1% Po-Py. Bringing halo of Ser-Si
226.1	Quartz Vein	55	160								3 cm white. No min
229.92	Quartz Vein	60	190								0.5 cm translucent. 1% Po. Crosscutted by Vqtz with alteration halo at 229.94
229.94	Quartz Vein	45	25								mm no min. Cross cutting two other quartz veins. bringing a small halo of Ser-Si of 3 cm
229.95	Quartz Vein	30	160								1 cm. Cross cutted by halo vein. 1% Po
230.4	Quartz Vein	55	160								1cm with 0.5% Py. Weak weathering oxidation

Hole Number: QK-19-006

Resp. Person: Arnaud Fontaine, Géo

AF
Point Structure

At	Structure	Alpha	Beta	Core Azi	Core Dip	Calculated Dip	Calculated Strike	Gamma	Fill Material 1	Fill Material 2	Comments
233.47	Quartz-Carbonate Vein	55	160								10 cm Qtz-Carb with 5% Py and 1393ppm Sb - 900 ppm As with XRF. Halo of Ser-Si
235.16	Quartz-Carbonate Vein	45	195								2 cm with halo of Ser-Si. No apparent min
235.41	Quartz-Carbonate Vein	55	110								2cm no min
236.62	Quartz Vein	60	110								white with chlorite. 0.5% Py



Certificate of Analysis
Work Order : LK1902140
[Report File No.: 000023102]

Date: December 13, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: QK-19-Largetill-01
Project No.: -
Samples: 53
Received: Nov 22, 2019
Pages: Page 1 to 15
 (Inclusive of Cover Sheet)

Methods Summary

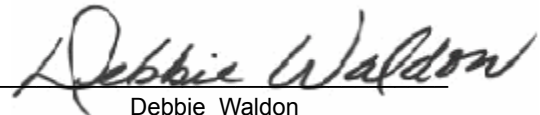
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
53	G_WGH79	Weighing of samples and reporting of weights
53	G_PRP104	Weigh, dry at 60°, screen -80 mesh (180 µm), to 1kg (soils)
53	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml
53	ZMS_ICM40B	Package Price - GE_ICM40B (GE_IC40A+GE_IC40M)
53	GE_IC40A	@Package, ICPAES after Multi-Acid Digest
53	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	Wt(Dry)	@Au	@Ag	@Al	@Ba	@Ca	@Cr
	G_WGH79 0.001 kg	G_WGH79 0 g	GE_FAI313 0.001 ppm	GE_ICM40B 0.2 ppm	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm
117420019.1	0.062	61.60000	<0.001	<0.2	0.02	3	<0.01	<1
117420020	0.277	275.6000	0.006	<0.2	7.00	446	2.09	164
117420021	0.278	275.6000	0.001	<0.2	7.18	491	1.87	142
117420022	0.159	157.7000	0.016	<0.2	7.15	445	2.02	228
117420023	0.218	215.5000	0.002	<0.2	7.19	489	1.80	109
117420024	0.168	165.3000	0.009	<0.2	6.71	311	2.79	359
117420026	0.287	191.0000	0.457	<0.2	6.75	335	2.61	417
117420027	0.185	183.4000	0.006	<0.2	6.77	371	2.52	214
117420028	0.203	200.4000	0.002	<0.2	7.04	415	2.25	210
117420029	0.253	250.0000	<0.001	<0.2	7.18	488	1.84	118
117420031	0.285	281.8000	0.006	<0.2	6.91	362	2.76	255
117420033	0.243	241.2000	0.023	<0.2	6.51	293	3.38	249
117420034	0.205	202.9000	0.015	<0.2	6.94	320	2.83	276
117420035	0.282	279.6000	0.002	<0.2	6.95	402	2.28	183
117420038	0.174	172.0000	0.004	<0.2	7.81	331	2.12	179
117420039	0.198	195.7000	0.006	<0.2	7.31	426	2.14	177
117420041	0.114	113.0000	0.007	<0.2	7.34	360	2.37	211
117420041.1	0.064	62.30000	<0.001	<0.2	9.01	144	0.32	99
117420042	0.227	224.4000	0.012	<0.2	6.87	382	2.59	226
117420043	0.217	215.3000	0.022	<0.2	7.16	487	1.73	126
117420044	0.166	162.0000	0.003	<0.2	7.27	399	2.35	225
117420045	0.254	251.7000	0.001	<0.2	7.13	471	1.94	154
117420046	0.500	497.0000	0.001	<0.2	7.26	545	1.47	67
117420048	0.145	143.0000	<0.001	<0.2	7.07	413	2.63	253
117420049	0.163	160.9000	0.003	<0.2	7.17	428	2.23	192
117420050	0.128	127.1000	0.004	<0.2	7.20	377	2.47	219
117420051	0.287	285.3000	<0.001	<0.2	6.93	504	1.72	69
117420052	0.127	125.8000	0.011	<0.2	6.03	343	2.05	193
117420055	0.177	175.1000	0.002	<0.2	6.24	388	2.03	183
117420059	0.211	207.3000	0.003	<0.2	6.62	442	2.27	207
117420060	0.181	178.5000	0.006	<0.2	7.37	353	2.48	211
117420061	0.242	239.5000	0.004	<0.2	7.30	370	2.22	212
117420062	0.159	155.8000	0.008	<0.2	7.18	365	2.47	263
117420063	0.169	167.4000	0.004	<0.2	6.94	385	2.52	269
117420063.1	0.063	60.20000	0.019	<0.2	10.4	205	0.10	389
117420064	0.146	144.0000	0.005	<0.2	7.46	338	2.25	322
117420065	0.088	86.90000	0.004	<0.2	7.44	348	2.49	303
117420066	0.115	113.7000	0.007	<0.2	7.35	351	2.57	279
117420067	0.125	123.1000	0.007	<0.2	6.85	338	2.78	337
117420068	0.125	123.3000	0.006	<0.2	7.04	331	2.61	442

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Wt(Dry) G_WGH79 g	@Au GE_FAI313 ppm	@Ag GE_ICM40B ppm	@Al GE_ICM40B %	@Ba GE_ICM40B ppm	@Ca GE_ICM40B %	@Cr GE_ICM40B ppm
117420069	0.160	157.4000	0.002	<0.2	7.02	420	2.32	244
117420070	0.108	106.6000	0.006	<0.2	7.19	309	2.99	332
117420071	0.133	130.6000	<0.001	<0.2	7.15	478	2.24	218
117420072	0.154	152.1000	<0.001	<0.2	6.90	471	2.27	216
117420073	0.277	274.0000	<0.001	<0.2	6.58	419	2.39	189
117420074	0.199	196.7000	<0.001	<0.2	6.97	434	2.41	213
117420077	0.155	153.5000	0.001	<0.2	6.64	385	2.55	216
117420078	0.293	289.8000	<0.001	<0.2	7.08	462	2.17	97
117420080	0.222	219.5000	0.002	<0.2	7.06	440	2.22	232
117420084	0.189	185.5000	0.001	<0.2	7.30	472	2.05	125
117420085	0.213	210.8000	<0.001	<0.2	6.81	423	2.30	164
117420086	0.151	149.2000	<0.001	<0.2	7.03	448	2.17	154
117420087	0.187	184.6000	<0.001	<0.2	6.77	426	2.31	197
*Rep 117420021			0.002					
*Rep 117420078			<0.001					
*Std OREAS-681			0.051					
*Std OREAS-682			0.077					
*Std OXB130			0.121					
*Blk BLANK			<0.001					
*Blk BLANK			<0.001					
*Rep 117420059				<0.2	6.62	430	2.27	196
*Rep 117420080				<0.2	7.03	438	2.22	214
*Std OREAS-903				0.4	5.68	191	0.63	61
*Std RTS-3A				10.1	4.94	100	2.05	128
*Std OREAS-901				0.4	7.06	228	0.10	36
*Blk BLANK				<0.2	<0.01	<1	<0.01	<1
*Blk BLANK				N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na	@Ni
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	1 ppm	0.01 %	2 ppm	0.01 %	0.5 ppm
117420019.1	4.0	0.13	<0.01	<1	<0.01	85	<0.01	2.3
117420020	54.1	5.02	1.64	25	1.86	626	1.82	66.3
117420021	46.9	4.78	1.81	29	1.78	633	1.86	61.5
117420022	74.9	5.58	1.59	27	2.36	890	1.76	113
117420023	57.6	5.32	1.96	30	1.85	720	1.71	57.8
117420024	84.5	6.03	1.05	20	3.18	968	1.66	148
117420026	96.5	6.76	0.99	23	3.12	1245	1.64	216
117420027	58.1	4.99	1.41	22	2.33	879	1.83	91.4
117420028	66.2	5.29	1.48	25	2.32	789	1.82	101
117420029	54.5	4.98	1.88	27	1.69	653	1.85	59.1
117420031	68.4	5.24	1.27	21	2.51	875	1.90	107
117420033	51.6	5.40	0.91	15	2.53	1034	1.98	99.0
117420034	101	6.30	1.04	20	3.05	1149	1.80	143
117420035	54.6	5.24	1.37	21	1.97	973	1.98	81.4
117420038	95.4	6.95	1.07	21	2.38	1321	1.79	97.6
117420039	71.7	5.33	1.49	24	2.09	744	1.85	79.7
117420041	101	6.60	1.22	22	2.55	1208	1.74	111
117420041.1	34.7	6.27	0.46	36	0.34	470	0.13	44.1
117420042	65.4	5.53	1.28	21	2.54	955	1.89	117
117420043	62.3	5.03	1.95	28	1.75	777	1.71	69.2
117420044	86.9	5.94	1.42	25	2.49	953	1.71	116
117420045	51.0	5.39	1.65	27	2.02	841	1.87	76.6
117420046	41.1	4.38	2.11	29	1.38	622	1.89	36.9
117420048	60.2	5.70	1.38	23	2.61	1054	1.89	123
117420049	63.4	5.64	1.54	26	2.25	865	1.79	86.1
117420050	93.6	6.23	1.32	23	2.51	1112	1.74	103
117420051	38.9	4.06	1.90	27	1.26	552	2.04	39.3
117420052	62.8	5.39	1.13	20	2.26	923	1.55	108
117420055	55.4	5.51	1.30	22	2.31	923	1.63	115
117420059	42.7	5.75	1.45	23	2.35	1000	1.90	132
117420060	88.7	6.50	1.16	21	2.46	1243	1.73	107
117420061	75.6	6.29	1.16	22	2.36	921	1.80	100
117420062	94.1	6.51	1.29	22	2.60	1149	1.74	117
117420063	66.3	5.60	1.33	22	2.50	940	1.85	111
117420063.1	375	13.9	0.23	21	0.24	227	0.07	248
117420064	99.4	7.02	1.23	25	3.17	1362	1.59	154
117420065	92.5	6.69	1.19	23	3.05	1051	1.65	149
117420066	91.4	6.62	1.14	22	2.92	1230	1.69	131
117420067	75.0	6.20	1.22	22	3.07	1092	1.67	144
117420068	92.4	6.80	1.02	23	4.13	1048	1.63	245

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Element Method Det.Lim. Units	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na	@Ni
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	1 ppm	0.01 %	2 ppm	0.01 %	0.5 ppm
117420069	58.7	6.12	1.57	25	2.58	1005	1.85	131
117420070	84.5	6.52	1.13	21	3.28	1102	1.67	151
117420071	55.3	6.35	1.58	28	2.62	910	1.89	134
117420072	49.3	6.20	1.60	25	2.53	1055	1.85	126
117420073	39.6	5.58	1.43	22	2.27	949	2.00	109
117420074	49.9	6.00	1.46	25	2.35	746	1.99	107
117420077	54.9	5.60	1.35	21	2.47	957	1.96	125
117420078	29.5	4.86	1.73	30	1.68	800	2.19	52.5
117420080	52.2	5.99	1.56	27	2.36	961	1.96	115
117420084	54.1	5.83	1.85	27	1.89	899	2.03	62.6
117420085	50.8	5.72	1.53	25	2.24	858	1.97	112
117420086	50.6	5.58	1.70	26	2.00	925	2.03	93.7
117420087	55.1	5.91	1.49	24	2.32	1023	2.01	122
*Rep 117420059	42.5	5.74	1.44	23	2.35	1003	1.88	130
*Rep 117420080	52.7	5.95	1.55	27	2.35	961	1.95	117
*Std OREAS-903	6471	4.03	3.25	17	0.73	672	0.03	50.3
*Std RTS-3A	2353	>15.0	0.46	15	2.39	1424	0.67	53.9
*Std OREAS-901	1482	4.06	3.86	18	0.65	295	0.04	39.1
*Blk BLANK	<0.5	<0.01	<0.01	<1	<0.01	<2	<0.01	0.5
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@P	@S	@Sr	@Ti	@V	@Zn	@Zr	@As
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	100 ppm	0.01 %	0.5 ppm	0.01 %	2 ppm	1 ppm	0.5 ppm	1 ppm
117420019.1	<100	<0.01	0.7	<0.01	<2	2	<0.5	<1
117420020	707	0.01	184	0.62	150	98	123	6
117420021	846	0.01	197	0.56	139	107	133	5
117420022	745	<0.01	178	0.65	155	103	138	7
117420023	865	0.01	169	0.59	144	124	130	9
117420024	725	0.01	157	0.67	184	87	111	10
117420026	697	0.02	154	0.61	200	93	104	42
117420027	776	<0.01	192	0.64	152	83	125	6
117420028	710	0.01	185	0.64	158	95	139	5
117420029	776	<0.01	193	0.62	139	107	148	6
117420031	720	<0.01	199	0.66	168	80	131	5
117420033	849	<0.01	211	0.85	196	81	121	6
117420034	733	<0.01	183	0.69	190	88	115	14
117420035	888	<0.01	203	0.70	161	90	143	5
117420038	942	<0.01	177	0.59	208	106	116	16
117420039	740	0.01	216	0.58	157	94	137	10
117420041	816	<0.01	170	0.64	197	102	117	19
117420041.1	472	0.05	44.7	0.91	151	46	144	11
117420042	821	<0.01	198	0.73	174	80	134	5
117420043	789	<0.01	179	0.54	137	109	141	9
117420044	842	0.02	180	0.60	168	104	130	13
117420045	874	0.01	181	0.72	157	100	151	6
117420046	712	<0.01	189	0.52	126	97	135	7
117420048	914	<0.01	189	0.74	176	93	136	5
117420049	777	<0.01	185	0.65	168	98	133	10
117420050	842	<0.01	175	0.66	184	100	117	16
117420051	818	<0.01	234	0.50	102	95	147	5
117420052	727	<0.01	144	0.61	150	86	118	9
117420055	838	<0.01	149	0.68	151	93	133	7
117420059	1074	<0.01	160	0.89	170	98	162	5
117420060	806	<0.01	178	0.64	206	98	115	20
117420061	753	0.02	172	0.70	192	102	123	12
117420062	815	<0.01	167	0.68	180	98	123	17
117420063	851	0.01	194	0.69	148	95	128	6
117420063.1	274	0.03	25.3	1.15	266	32	161	11
117420064	848	<0.01	153	0.63	204	109	123	23
117420065	751	0.01	165	0.65	196	101	117	16
117420066	807	<0.01	173	0.64	195	96	114	18
117420067	741	<0.01	159	0.68	185	92	120	19
117420068	711	0.01	160	0.70	207	96	112	19

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Element	@P	@S	@Sr	@Ti	@V	@Zn	@Zr	@As
Method	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
Det.Lim.	100	0.01	0.5	0.01	2	1	0.5	1
Units	ppm	%	ppm	%	ppm	ppm	ppm	ppm
117420069	938	0.01	164	0.77	166	110	146	8
117420070	708	<0.01	168	0.67	200	92	106	15
117420071	1027	<0.01	161	0.83	171	115	165	5
117420072	1040	0.01	158	0.78	164	104	156	5
117420073	1035	<0.01	171	0.93	145	88	158	4
117420074	948	0.02	167	0.92	170	100	157	4
117420077	949	<0.01	181	0.82	158	90	141	7
117420078	982	<0.01	241	0.69	131	95	145	5
117420080	949	0.02	175	0.76	158	103	151	5
117420084	932	<0.01	174	0.78	164	112	153	6
117420085	962	0.01	178	0.81	154	101	152	5
117420086	995	<0.01	193	0.76	151	104	158	6
117420087	1040	<0.01	169	0.83	160	101	156	6
*Rep 117420059	1067	<0.01	161	0.89	165	97	167	4
*Rep 117420080	940	0.02	175	0.77	155	103	144	5
*Std OREAS-903	1028	0.49	71.9	0.12	72	26	148	53
*Std RTS-3A	388	>5.00	44.2	0.34	106	2711	69.1	24
*Std OREAS-901	610	0.04	32.5	0.16	83	27	180	74
*Blk BLANK	<100	<0.01	<0.5	<0.01	<2	<1	<0.5	<1
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.1 ppm	0.04 ppm	0.02 ppm	0.05 ppm	0.1 ppm	1 ppm	0.1 ppm	0.02 ppm
117420019.1	<0.1	<0.04	<0.02	0.33	0.6	<1	0.2	<0.02
117420020	1.6	0.09	0.13	60.40	22.2	2	19.4	3.64
117420021	1.5	0.08	0.16	64.55	21.9	2	19.4	3.53
117420022	1.7	0.09	0.19	67.20	33.5	2	19.2	4.00
117420023	1.3	0.10	0.25	68.20	24.9	2	20.4	3.65
117420024	1.1	0.05	0.13	51.16	41.6	1	17.8	3.15
117420026	1.1	0.05	0.18	46.46	51.0	1	17.3	2.97
117420027	1.0	0.07	0.18	66.36	32.3	1	18.1	3.46
117420028	1.4	0.07	0.15	60.06	31.6	2	19.0	3.75
117420029	1.5	0.10	0.15	62.65	21.6	2	19.2	4.17
117420031	1.1	0.05	0.16	67.53	33.5	1	17.8	3.53
117420033	1.0	0.04	0.18	54.31	33.3	<1	16.3	3.28
117420034	0.9	0.06	0.17	50.90	44.0	1	17.2	3.23
117420035	1.3	0.07	0.19	70.97	29.2	1	17.9	3.91
117420038	1.2	0.10	0.24	53.94	44.6	1	20.3	3.10
117420039	1.5	0.09	0.17	64.53	29.1	2	19.4	3.84
117420041	1.3	0.09	0.21	57.17	44.7	1	19.5	3.21
117420041.1	1.0	0.34	0.07	49.02	8.1	6	26.1	4.04
117420042	1.1	0.06	0.13	61.77	34.3	1	18.0	3.52
117420043	1.6	0.10	0.28	70.80	27.7	2	19.3	3.98
117420044	1.3	0.10	0.21	62.70	38.4	2	19.9	3.72
117420045	1.7	0.10	0.13	72.81	29.0	2	20.0	4.22
117420046	1.5	0.10	0.15	71.47	18.8	2	19.7	3.83
117420048	1.6	0.07	0.22	69.10	38.3	1	19.1	3.68
117420049	1.7	0.08	0.19	67.73	32.2	2	20.0	3.86
117420050	1.1	0.09	0.18	59.26	41.2	2	19.7	3.41
117420051	1.5	0.10	0.23	72.10	17.4	2	19.0	4.15
117420052	1.1	0.07	0.16	54.41	34.6	1	16.4	3.22
117420055	1.3	0.06	0.20	65.23	35.9	1	17.9	3.53
117420059	1.4	0.06	0.23	73.20	33.4	1	19.0	4.29
117420060	1.2	0.08	0.20	54.54	44.9	1	20.2	3.27
117420061	1.5	0.09	0.19	59.44	34.5	1	20.1	3.36
117420062	1.4	0.11	0.22	59.33	43.0	1	19.7	3.53
117420063	1.4	0.07	0.21	64.28	36.4	1	18.5	3.75
117420063.1	1.2	0.22	<0.02	28.58	50.8	3	30.4	4.55
117420064	1.2	0.09	0.24	56.57	51.0	1	20.0	3.47
117420065	1.2	0.09	0.15	48.75	44.9	1	19.9	3.33
117420066	1.1	0.08	0.19	52.90	45.0	1	18.7	3.19
117420067	1.2	0.06	0.20	57.94	44.3	1	18.5	3.32
117420068	1.0	0.06	0.19	48.00	49.9	1	18.2	3.23

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Element Method Det.Lim. Units	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga	@Hf
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.1	0.04	0.02	0.05	0.1	1	0.1	0.02
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420069	1.2	0.08	0.25	70.76	36.7	1	19.1	4.02
117420070	1.0	0.06	0.19	47.20	44.3	1	18.6	3.05
117420071	1.6	0.06	0.21	83.48	37.4	2	20.8	4.46
117420072	1.6	0.07	0.24	79.54	37.1	1	19.9	4.25
117420073	1.4	0.06	0.21	75.45	31.4	1	18.4	4.41
117420074	1.7	0.08	0.19	75.22	31.9	1	19.7	4.27
117420077	1.3	0.10	0.20	67.20	33.2	1	16.9	3.92
117420078	1.4	0.07	0.22	73.29	23.0	2	18.8	4.06
117420080	1.4	0.08	0.19	71.52	32.4	2	18.4	4.11
117420084	1.6	0.08	0.23	72.41	26.2	2	20.3	4.15
117420085	1.4	0.08	0.21	75.24	31.9	1	18.4	4.13
117420086	1.6	0.09	0.25	77.20	30.4	2	19.3	4.28
117420087	1.4	0.07	0.22	81.20	35.1	1	18.2	4.10
*Rep 117420059	1.6	0.06	0.23	79.94	35.5	1	19.4	4.44
*Rep 117420080	1.5	0.07	0.20	72.20	32.1	2	18.7	4.07
*Std OREAS-903	5.1	8.91	0.26	78.95	144	3	15.1	4.29
*Std RTS-3A	0.3	32.51	8.48	22.54	146	<1	40.1	1.83
*Std OREAS-901	5.9	4.62	0.04	95.95	79.8	5	17.7	5.01
*Blk BLANK	<0.1	<0.04	<0.02	0.09	<0.1	<1	<0.1	<0.02

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Element Method Det.Lim. Units	@In	@La	@Lu	@Mo	@Nb	@Pb	@Rb	@Sb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.1	0.01	0.05	0.1	0.5	0.2	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420019.1	<0.02	0.1	<0.01	0.88	0.1	1.4	<0.2	0.11
117420020	0.07	34.1	0.25	1.76	15.5	12.9	66.4	0.84
117420021	0.05	34.0	0.22	1.77	14.4	14.2	73.9	0.72
117420022	0.07	35.5	0.28	1.30	17.9	12.4	61.7	0.63
117420023	0.06	37.5	0.24	2.27	15.8	15.4	78.6	0.99
117420024	0.06	25.4	0.26	0.78	16.9	7.7	38.2	1.01
117420026	0.06	22.2	0.24	0.87	13.4	8.0	34.1	2.70
117420027	0.06	32.1	0.24	1.07	15.5	10.5	50.6	0.55
117420028	0.06	30.6	0.25	1.10	16.7	10.5	58.3	0.52
117420029	0.07	35.9	0.26	2.02	16.4	14.6	71.6	2.15
117420031	0.06	35.0	0.26	0.91	16.9	9.6	42.6	0.62
117420033	0.07	25.4	0.26	1.34	17.3	7.9	26.6	0.71
117420034	0.06	24.5	0.27	0.68	14.2	8.1	33.5	1.08
117420035	0.07	35.5	0.27	0.71	17.6	10.8	47.3	0.55
117420038	0.08	23.9	0.27	0.70	12.3	7.8	36.7	0.94
117420039	0.06	34.1	0.25	1.27	14.6	11.9	57.2	0.69
117420041	0.08	26.4	0.29	0.76	15.0	9.6	46.5	1.49
117420041.1	0.10	23.0	0.17	2.72	20.9	32.1	58.4	0.83
117420042	0.07	29.4	0.25	1.43	16.8	10.1	41.6	0.50
117420043	0.06	36.4	0.23	2.39	13.7	15.7	74.9	0.78
117420044	0.07	31.3	0.26	1.25	15.0	12.0	57.4	1.00
117420045	0.07	38.1	0.28	1.25	21.2	12.5	65.4	0.47
117420046	0.07	36.8	0.22	1.96	13.5	15.2	79.4	0.53
117420048	0.07	32.0	0.28	0.80	19.6	9.1	47.3	0.40
117420049	0.07	33.8	0.27	1.22	17.4	11.7	62.7	0.73
117420050	0.06	28.2	0.26	1.11	14.7	10.5	50.8	0.92
117420051	0.05	39.2	0.23	1.86	13.1	15.5	77.6	0.51
117420052	0.06	26.3	0.23	0.67	15.0	8.2	42.9	0.66
117420055	0.06	31.5	0.26	0.91	19.0	9.1	50.9	0.52
117420059	0.07	35.9	0.33	1.08	25.5	10.4	51.3	0.35
117420060	0.08	25.2	0.26	0.88	14.3	8.8	44.7	1.54
117420061	0.09	29.1	0.29	0.73	16.0	8.3	45.7	1.00
117420062	0.10	28.9	0.29	0.85	15.6	10.2	50.6	1.35
117420063	0.06	32.0	0.27	1.00	17.8	10.2	49.1	0.62
117420063.1	0.11	15.9	0.16	2.51	26.1	14.7	33.9	0.69
117420064	0.08	25.8	0.28	0.95	14.1	9.3	45.7	1.30
117420065	0.07	23.9	0.26	0.60	12.8	8.6	46.5	1.11
117420066	0.07	25.0	0.27	0.73	13.4	8.1	40.8	1.01
117420067	0.06	27.2	0.27	1.07	15.5	10.1	43.9	0.86
117420068	0.06	22.0	0.26	0.61	13.4	8.1	38.5	1.12

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Element Method Det.Lim. Units	@In GE_ICM40B 0.02 ppm	@La GE_ICM40B 0.1 ppm	@Lu GE_ICM40B 0.01 ppm	@Mo GE_ICM40B 0.05 ppm	@Nb GE_ICM40B 0.1 ppm	@Pb GE_ICM40B 0.5 ppm	@Rb GE_ICM40B 0.2 ppm	@Sb GE_ICM40B 0.05 ppm
117420069	0.07	34.1	0.29	1.39	21.9	11.4	57.1	0.99
117420070	0.06	21.5	0.25	0.71	14.1	6.9	37.2	1.53
117420071	0.08	41.7	0.32	1.12	24.2	11.4	59.7	0.46
117420072	0.08	38.2	0.33	1.22	23.1	10.7	57.9	0.47
117420073	0.07	36.4	0.31	1.02	25.0	10.4	48.4	0.37
117420074	0.07	36.5	0.32	0.88	25.4	9.7	51.6	0.39
117420077	0.08	32.7	0.29	1.18	20.7	10.4	44.9	0.52
117420078	0.06	36.1	0.24	1.12	17.3	13.7	67.1	0.33
117420080	0.06	35.4	0.30	1.24	21.2	10.7	59.4	0.44
117420084	0.08	36.7	0.28	1.52	18.6	13.1	67.2	0.49
117420085	0.07	37.3	0.30	1.48	22.1	11.2	54.8	0.41
117420086	0.07	37.9	0.29	1.40	20.3	12.7	60.4	0.42
117420087	0.07	38.7	0.30	1.07	22.4	10.8	49.0	0.55
*Rep 117420059	0.08	39.5	0.32	1.16	24.9	10.2	52.3	0.38
*Rep 117420080	0.07	36.2	0.30	1.22	21.6	10.5	57.9	0.45
*Std OREAS-903	0.16	41.3	0.33	4.49	3.3	10.9	136	1.67
*Std RTS-3A	1.56	9.5	0.21	2.88	4.0	212	13.0	2.70
*Std OREAS-901	0.27	50.1	0.51	3.45	4.4	17.0	159	2.55
*Blk BLANK	<0.02	<0.1	<0.01	0.05	<0.1	<0.5	<0.2	<0.05

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Element Method Det.Lim. Units	@Sc	@Se	@Sn	@Ta	@Tb	@Te	@Th	@Tl
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm	0.05 ppm	0.2 ppm	0.02 ppm
117420019.1	<0.5	<2	0.6	<0.05	<0.05	0.06	<0.2	<0.02
117420020	21.7	<2	2.3	1.43	0.66	0.10	8.6	0.28
117420021	19.6	<2	1.9	1.28	0.60	0.06	9.0	0.36
117420022	23.5	<2	1.6	1.53	0.70	<0.05	8.0	0.42
117420023	20.3	<2	1.7	1.53	0.64	0.11	9.8	0.49
117420024	30.8	<2	2.0	1.51	0.66	0.05	5.0	0.23
117420026	31.2	<2	1.6	1.30	0.60	0.06	4.3	0.19
117420027	23.0	<2	1.5	1.49	0.62	0.05	7.3	0.23
117420028	23.8	<2	1.6	1.41	0.62	0.06	7.3	0.35
117420029	20.1	<2	2.1	1.42	0.65	0.11	9.4	0.43
117420031	25.3	<2	1.8	1.56	0.67	0.06	7.8	0.25
117420033	28.5	<2	1.8	1.51	0.69	<0.05	4.2	0.12
117420034	28.3	<2	2.1	1.20	0.65	0.06	5.0	0.20
117420035	25.3	<2	1.6	1.59	0.71	0.08	7.1	0.24
117420038	30.3	<2	1.5	1.05	0.72	0.06	4.5	0.22
117420039	23.8	<2	1.5	1.29	0.61	0.06	8.0	0.31
117420041	30.0	<2	1.6	1.23	0.67	0.07	5.7	0.29
117420041.1	16.4	3	4.0	2.20	0.37	0.11	15.9	0.38
117420042	24.8	<2	1.7	1.41	0.67	0.07	6.2	0.21
117420043	19.4	<2	2.3	1.22	0.61	0.06	9.4	0.45
117420044	25.9	<2	1.6	1.16	0.63	0.09	7.2	0.34
117420045	22.9	<2	1.8	1.85	0.75	0.07	8.7	0.36
117420046	17.3	<2	1.6	1.18	0.59	0.06	9.5	0.49
117420048	25.6	<2	1.6	1.61	0.70	0.06	6.3	0.27
117420049	24.5	<2	1.8	1.53	0.69	0.07	8.2	0.37
117420050	27.9	<2	2.8	1.25	0.64	0.08	6.3	0.28
117420051	17.1	<2	1.8	1.12	0.58	0.07	9.8	0.47
117420052	23.2	<2	1.5	1.19	0.59	0.08	5.5	0.23
117420055	23.6	<2	1.8	1.44	0.66	0.06	6.3	0.25
117420059	24.3	<2	2.3	2.07	0.82	0.06	6.9	0.28
117420060	31.3	<2	2.1	1.23	0.64	0.05	5.3	0.26
117420061	30.2	<2	1.6	1.32	0.70	0.06	5.9	0.26
117420062	31.3	<2	1.6	1.20	0.70	0.06	6.4	0.27
117420063	26.9	<2	2.7	1.40	0.67	0.05	6.8	0.27
117420063.1	43.1	3	2.8	2.26	0.32	0.10	10.4	0.22
117420064	32.3	<2	1.8	1.15	0.67	<0.05	5.5	0.24
117420065	30.2	<2	1.5	1.03	0.64	0.06	5.3	0.24
117420066	29.5	<2	1.4	1.09	0.65	0.07	5.1	0.24
117420067	28.3	<2	2.9	1.21	0.66	0.07	5.4	0.25
117420068	30.5	<2	1.5	1.03	0.66	0.06	4.6	0.21

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Element Method Det.Lim. Units	@Sc GE_ICM40B 0.5 ppm	@Se GE_ICM40B 2 ppm	@Sn GE_ICM40B 0.3 ppm	@Ta GE_ICM40B 0.05 ppm	@Tb GE_ICM40B 0.05 ppm	@Te GE_ICM40B 0.05 ppm	@Th GE_ICM40B 0.2 ppm	@Tl GE_ICM40B 0.02 ppm
117420069	22.9	<2	3.1	1.94	0.76	0.13	7.2	0.55
117420070	28.8	<2	1.7	1.37	0.62	0.07	4.6	0.31
117420071	24.5	<2	3.7	2.03	0.86	0.05	8.1	0.38
117420072	23.6	<2	2.1	1.87	0.80	0.07	7.5	0.35
117420073	23.0	<2	2.0	2.17	0.86	0.06	6.8	0.28
117420074	24.3	<2	2.1	2.13	0.85	0.06	7.2	0.30
117420077	22.5	<2	3.3	1.85	0.78	0.09	6.3	0.30
117420078	18.3	<2	2.2	1.61	0.66	0.06	7.8	0.40
117420080	21.8	<2	1.8	1.91	0.75	0.07	7.5	0.36
117420084	21.7	<2	1.9	1.64	0.73	0.07	9.0	0.39
117420085	22.9	<2	2.4	1.84	0.78	0.07	7.4	0.32
117420086	21.5	<2	1.8	1.67	0.79	0.06	8.1	0.37
117420087	22.8	<2	2.6	1.89	0.86	0.07	7.0	0.30
*Rep 117420059	24.9	<2	2.4	1.95	0.85	<0.05	7.4	0.28
*Rep 117420080	21.9	<2	2.2	1.90	0.78	0.06	7.5	0.34
*Std OREAS-903	11.6	5	2.6	0.37	0.71	0.06	13.8	0.58
*Std RTS-3A	15.3	42	42.5	0.39	0.44	1.67	1.0	4.28
*Std OREAS-901	15.4	3	3.3	0.56	1.09	0.14	16.4	0.79
*Blk BLANK	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2	0.02

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Element Method Det.Lim. Units	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm
117420019.1	<0.05	0.1	0.3	<0.1
117420020	2.27	0.9	18.5	1.6
117420021	2.57	0.8	17.1	1.5
117420022	1.73	0.8	20.2	1.9
117420023	2.05	0.8	18.7	1.7
117420024	1.11	0.8	19.5	1.8
117420026	1.05	0.6	18.8	1.6
117420027	1.64	0.6	18.0	1.6
117420028	1.71	0.7	18.8	1.7
117420029	2.26	0.8	18.0	1.7
117420031	1.64	0.6	19.4	1.7
117420033	1.14	0.6	20.5	1.9
117420034	1.11	0.6	19.3	1.8
117420035	1.55	0.6	20.2	1.9
117420038	0.98	0.6	18.4	1.8
117420039	2.15	0.6	17.1	1.6
117420041	1.19	0.7	20.5	1.9
117420041.1	2.75	2.0	9.8	1.1
117420042	1.37	0.7	19.6	1.7
117420043	2.24	0.8	17.3	1.6
117420044	1.57	0.7	18.8	1.7
117420045	1.82	0.7	21.5	2.0
117420046	2.51	0.7	15.8	1.4
117420048	1.40	0.7	21.0	1.9
117420049	1.91	0.7	20.3	1.8
117420050	1.32	0.6	19.2	1.7
117420051	2.90	0.6	16.3	1.5
117420052	1.22	0.5	18.0	1.6
117420055	1.34	0.6	20.5	1.8
117420059	1.61	0.6	25.4	2.1
117420060	1.15	0.6	19.7	1.8
117420061	1.37	0.6	20.6	1.9
117420062	1.30	0.7	20.5	1.9
117420063	2.15	0.7	20.1	1.9
117420063.1	2.12	1.4	10.8	1.1
117420064	1.03	0.6	19.6	1.9
117420065	1.07	0.6	19.6	1.8
117420066	1.06	0.6	18.3	1.7
117420067	1.15	0.6	19.6	1.8
117420068	1.04	0.5	18.7	1.8

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Element	@U	@W	@Y	@Yb
Method	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
Det.Lim.	0.05	0.1	0.1	0.1
Units	ppm	ppm	ppm	ppm
117420069	1.51	0.9	22.6	2.0
117420070	0.93	0.8	18.8	1.7
117420071	1.93	0.7	25.6	2.2
117420072	1.55	0.8	24.5	2.2
117420073	1.53	0.7	24.8	2.3
117420074	1.80	0.7	25.1	2.2
117420077	1.64	0.7	21.8	2.0
117420078	2.26	0.6	18.5	1.7
117420080	2.04	0.8	22.2	2.0
117420084	1.95	0.7	21.5	2.0
117420085	1.80	0.7	21.9	2.0
117420086	1.81	0.7	22.0	1.9
117420087	1.60	0.7	23.1	2.2
*Rep 117420059	1.58	0.6	25.5	2.2
*Rep 117420080	1.99	0.7	22.1	2.0
*Std OREAS-903	8.22	1.4	21.1	2.2
*Std RTS-3A	0.30	5.0	12.9	1.3
*Std OREAS-901	11.05	2.1	35.7	3.2
*Blk BLANK	<0.05	<0.1	<0.1	<0.1

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Certificate of Analysis
Work Order : VC192287
[Report File No.: 000037906]

Date: January 30, 2020


To: ARNAUD FONTAINE
ORFORD MINING CORP
141 ADELAIDE ST W
SUITE 1608
TORONTO ON M5H 3L5

P.O. No.: QK-19-TILL-01/ 302 Sediments (1-136)
Project No.: QK-19-TILL-01
Samples: 136
Received: Dec 6, 2019
Pages: Page 1 to 30
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
136	G_LOG02	Pre-preparation processing, sorting, logging, boxing
136	G_WGH79	Weighing of samples and reporting of weights
136	G_PRP104	weigh, dry @60C, screen -80mesh (180µm), <1kg (soils)
136	G_SCR31	Dry Screening to -180microns, >1kg
136	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
136	ZMS_ICM40B	Package - GE_ICM40B (GE_IC40A+GE_IC40M)
136	GE_IC40A	Multi-acid (4-acid) digestion/ICP-AES finish
136	GE_IC40M	Multi-acid (4-acid) digestion/ICP-MS finish

Certified By : _____


John Chiang
Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01	0	0.01	1	10	1	0.02	0.01
	kg	kg	kg	ppb	ppb	ppb	ppm	%
B00397001	0.595	0.595	0.60	6	<10	3	0.09	7.77
B00397002	0.655	0.655	0.66	8	<10	2	0.04	6.62
B00397003	0.945	0.945	0.95	5	<10	1	0.05	6.76
B00397004	0.925	0.925	0.93	6	<10	3	0.04	7.13
B00397005	0.725	0.725	0.73	8	<10	3	0.06	7.16
B00397006	1.130	1.13	1.13	8	<10	2	0.05	7.00
B00397007	0.725	0.725	0.73	6	<10	2	0.04	7.28
B00397008	0.710	0.71	0.71	7	<10	3	0.03	7.13
B00397009	0.805	0.805	0.81	6	<10	3	0.04	7.22
B00397010	0.835	0.835	0.84	8	<10	3	0.04	6.90
B00397011	0.715	0.715	0.72	9	<10	3	0.05	7.68
B00397012	0.785	0.785	0.79	1	<10	3	<0.02	7.15
B00397013	0.760	0.76	0.76	6	<10	3	0.07	7.31
B00397014	1.085	1.085	1.09	3	<10	3	<0.02	6.96
B00397015	0.930	0.93	0.93	3	<10	2	<0.02	6.72
B00397016	1.115	1.115	1.12	2	<10	2	<0.02	6.81
B00397017	0.950	0.95	0.95	3	<10	4	0.03	7.06
B00397018	1.470	1.47	1.47	3	<10	2	0.03	7.70
B00397019	0.900	0.9	0.90	9	<10	2	0.02	7.14
B00397020	0.065	0.065	0.07	<1	<10	<1	0.03	7.47
B00397021	0.795	0.795	0.80	6	<10	3	0.03	7.32
B00397022	0.720	0.72	0.72	8	<10	4	0.04	7.03
B00397023	0.755	0.755	0.76	2	<10	3	0.05	6.96
B00397024	0.960	0.96	0.96	16	<10	4	0.03	7.07
B00397025	1.260	1.26	1.26	3	<10	3	<0.02	7.28
B00397026	0.745	0.745	0.75	2	<10	3	0.03	6.79
B00397027	0.650	0.65	0.65	9	<10	3	0.03	6.66
B00397028	0.715	0.715	0.72	2	<10	3	0.03	7.52
B00397029	0.935	0.935	0.94	3	<10	3	0.03	7.31
B00397030	0.720	0.72	0.72	4	<10	2	<0.02	7.28
B00397031	0.755	0.755	0.76	6	<10	3	0.06	7.23
B00397032	0.670	0.67	0.67	5	<10	3	<0.02	7.06
B00397033	0.695	0.695	0.70	2	<10	4	0.03	7.42
B00397034	0.680	0.68	0.68	7	<10	4	0.03	7.30
B00397035	1.080	1.08	1.08	<1	<10	2	<0.02	7.28
B00397036	0.640	0.64	0.64	8	<10	4	0.08	7.30
B00397037	0.675	0.675	0.68	4	<10	3	0.02	7.39
B00397038	0.780	0.78	0.78	4	<10	4	0.04	6.95
B00397039	0.805	0.805	0.81	5	<10	4	0.03	6.89
B00397040	0.225	0.225	0.23	<1	<10	<1	0.03	6.56

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01 kg	0 kg	0.01 kg	1 ppb	10 ppb	1 ppb	0.02 ppm	0.01 %
B00397041	0.815	0.815	0.82	10	<10	4	0.06	7.61
B00397042	0.815	0.815	0.82	17	<10	2	0.03	6.81
B00397043	0.990	0.99	0.99	24	<10	2	0.05	7.79
B00397044	1.155	1.155	1.16	26	<10	2	0.04	7.09
B00397045	0.805	0.805	0.81	22	<10	2	0.05	6.98
B00397046	0.865	0.865	0.87	12	<10	2	0.03	7.39
B00397047	0.930	0.93	0.93	4	<10	3	0.07	7.35
B00397048	0.945	0.945	0.95	5	<10	3	0.04	7.22
B00397049	0.950	0.95	0.95	8	<10	2	0.05	7.15
B00397050	0.885	0.885	0.89	13	<10	1	<0.02	6.62
B00397051	1.200	1.2	1.20	13	<10	2	0.06	7.18
B00397052	1.065	1.065	1.07	3	<10	2	0.08	6.66
B00397053	0.910	0.91	0.91	5	<10	2	0.05	7.80
B00397054	1.245	1.245	1.25	4	<10	2	0.03	7.75
B00397055	0.925	0.925	0.93	3	<10	2	0.03	7.13
B00397056	0.945	0.945	0.95	10	<10	2	0.07	6.94
B00397057	1.235	1.235	1.24	4	<10	2	0.04	7.69
B00397058	0.920	0.92	0.92	4	<10	2	0.03	7.73
B00397059	0.835	0.835	0.84	3	<10	1	0.06	7.56
B00397060	0.865	0.865	0.87	4	<10	2	0.03	7.74
B00397061	0.920	0.92	0.92	5	<10	1	0.04	7.38
B00397062	1.300	1.3	1.30	<1	<10	<1	0.06	7.60
B00397063	1.160	1.16	1.16	3	<10	2	0.05	7.92
B00397064	1.130	1.13	1.13	11	<10	2	0.04	7.58
B00397065	0.945	0.945	0.95	5	<10	1	<0.02	7.13
B00397066	1.035	1.035	1.04	8	<10	2	0.06	7.41
B00397067	0.885	0.885	0.89	8	<10	2	0.03	7.20
B00397068	1.095	1.095	1.10	7	<10	2	0.04	7.08
B00397069	0.955	0.955	0.96	5	<10	1	0.04	6.91
B00397070	0.850	0.85	0.85	3	<10	<1	0.03	8.05
B00397071	0.985	0.985	0.99	7	<10	1	0.03	7.48
B00397072	1.135	1.135	1.14	8	<10	2	0.03	7.57
B00397073	0.780	0.78	0.78	4	<10	2	<0.02	7.05
B00397074	1.040	1.04	1.04	3	<10	2	0.04	7.24
B00397075	1.160	1.16	1.16	6	<10	2	0.04	7.11
B00397076	1.520	1.52	1.52	2	<10	2	0.07	6.97
B00397077	0.895	0.895	0.90	4	<10	3	0.09	7.76
B00397078	0.995	0.995	1.00	4	<10	2	0.04	7.43
B00397079	1.075	1.075	1.08	<1	<10	<1	0.05	6.72
B00397080	0.065	0.065	0.07	22	51	39	0.14	7.79

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01	0	0.01	1	10	1	0.02	0.01
	kg	kg	kg	ppb	ppb	ppb	ppm	%
B00397081	1.060	1.06	1.06	<1	<10	<1	0.03	7.72
B00397082	1.070	1.07	1.07	3	<10	1	0.06	7.17
B00397083	0.920	0.92	0.92	5	<10	<1	0.05	7.32
B00397084	0.910	0.91	0.91	7	<10	<1	0.02	7.40
B00397085	1.030	1.03	1.03	2	<10	<1	<0.02	7.45
B00397086	0.960	0.96	0.96	5	<10	1	0.06	7.31
B00397087	1.130	1.13	1.13	<1	<10	1	0.05	7.37
B00397088	0.850	0.85	0.85	<1	<10	<1	0.02	6.90
B00397089	0.810	0.81	0.81	<1	<10	1	0.03	7.76
B00397090	0.850	0.85	0.85	1	<10	1	0.06	7.53
B00397091	1.265	1.265	1.27	<1	<10	<1	0.03	7.21
B00397092	0.890	0.89	0.89	3	<10	1	0.08	7.54
B00397093	0.820	0.82	0.82	2	<10	1	<0.02	7.50
B00397094	0.825	0.825	0.83	2	<10	<1	<0.02	7.36
B00397095	0.915	0.915	0.92	4	<10	<1	<0.02	7.17
B00397096	0.770	0.77	0.77	4	<10	<1	0.05	7.47
B00397097	1.200	1.2	1.20	<1	<10	<1	0.04	7.37
B00397098	0.995	0.995	1.00	<1	<10	<1	<0.02	7.18
B00397099	0.770	0.77	0.77	5	<10	1	<0.02	7.26
B00397100	0.160	0.16	0.16	<1	<10	<1	0.03	6.60
B00397101	0.915	0.915	0.92	2	<10	<1	<0.02	7.23
B00397102	1.020	1.02	1.02	<1	<10	2	0.05	7.89
B00397103	1.180	1.18	1.18	<1	<10	1	0.02	7.20
B00397104	0.780	0.78	0.78	<1	<10	<1	<0.02	7.09
B00397105	0.955	0.955	0.96	<1	<10	<1	<0.02	6.58
B00397106	0.885	0.885	0.89	<1	<10	<1	<0.02	6.36
B00397107	0.855	0.855	0.86	<1	<10	1	0.03	7.71
B00397108	0.995	0.995	1.00	2	<10	<1	0.05	6.99
B00397109	0.805	0.805	0.81	4	<10	<1	0.04	7.67
B00397110	1.150	1.15	1.15	<1	<10	<1	<0.02	6.61
B00397111	0.980	0.98	0.98	<1	<10	<1	<0.02	7.09
B00397112	1.110	1.11	1.11	<1	<10	1	<0.02	7.06
B00397113	1.015	1.015	1.02	2	<10	<1	0.03	6.78
B00397114	1.100	1.1	1.10	<1	<10	<1	0.04	6.81
B00397115	1.240	1.24	1.24	<1	<10	<1	0.03	7.11
B00397116	1.065	1.065	1.07	2	<10	<1	0.04	6.75
B00397117	0.990	0.99	0.99	<1	<10	<1	0.04	7.03
B00397118	1.100	1.1	1.10	9	<10	1	0.06	6.98
B00397119	0.910	0.91	0.91	12	<10	3	0.14	7.67
B00397120	0.975	0.975	0.98	16	<10	3	0.10	7.48

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79 0.01 kg	G_PRP104 0 kg	G_SCR31 0.01 kg	GE_FAI313 1 ppb	GE_FAI313 10 ppb	GE_FAI313 1 ppb	GE_ICM40B 0.02 ppm	GE_ICM40B 0.01 %
B00397121	0.940	0.94	0.94	7	<10	1	<0.02	7.10
B00397122	1.035	1.035	1.04	7	<10	1	0.06	7.28
B00397123	1.290	1.29	1.29	<1	<10	<1	0.03	7.19
B00397124	0.975	0.975	0.98	<1	<10	<1	0.04	7.03
B00397125	0.865	0.865	0.87	<1	<10	<1	<0.02	6.87
B00397126	1.350	1.35	1.35	7	<10	1	0.08	7.34
B00397127	1.010	1.01	1.01	6	<10	2	0.13	7.09
B00397128	0.785	0.785	0.79	2	<10	2	0.12	6.49
B00397129	0.725	0.725	0.73	<1	<10	<1	<0.02	6.45
B00397130	0.750	0.75	0.75	4	<10	2	0.03	6.64
B00397131	0.770	0.77	0.77	2	<10	3	0.03	6.95
B00397132	0.835	0.835	0.84	17	<10	2	<0.02	6.76
B00397133	1.190	1.19	1.19	2	<10	2	0.07	7.27
B00397134	0.940	0.94	0.94	9	<10	3	0.06	6.92
B00397135	1.075	1.075	1.08	1	<10	2	<0.02	7.10
B00397136	1.015	1.015	1.02	11	<10	3	0.03	7.59
*Rep B00397016				3	<10	4		
*Rep B00397039				9	<10	5		
*Rep B00397081				<1	<10	<1		
*Rep B00397097				<1	<10	<1		
*Rep B00397134				9	<10	3		
*Std PGMS-27				4813	1248	2034		
*Std PGMS-27				4752	1245	2058		
*Std PGMS-27				4808	1287	2087		
*Bik BLANK				<1	<10	<1		
*Bik BLANK				<1	<10	<1		
*Bik BLANK				<1	<10	<1		
*Bik BLANK				<1	<10	1		
*Rep B00397022							<0.02	7.63
*Rep B00397076							<0.02	7.52
*Rep B00397082							<0.02	7.43
*Rep B00397133							<0.02	7.51
*Std OREAS601							54.73	6.70
*Std OREAS905							0.18	7.65
*Std OREAS601							54.00	6.27
*Std OREAS601							55.13	6.58
*Std OREAS601							52.93	6.63
*Bik BLANK							<0.02	<0.01
*Bik BLANK							<0.02	<0.01
*Bik BLANK							<0.02	<0.01

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Report File No.: 0000037906

Element	@Ag	@Al
Method	GE_ICM40B	GE_ICM40B
Det.Lim.	0.02	0.01
Units	ppm	%
*Blk BLANK	<0.02	0.01

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.01	1	0.5	0.01	0.01	1	0.01
	ppm	%	ppm	ppm	%	%	ppm	%
B00397001	453	1.78	266	98.5	6.98	1.62	25	2.12
B00397002	356	2.12	251	80.8	6.51	1.25	20	2.01
B00397003	452	1.97	157	68.9	5.10	1.63	22	1.60
B00397004	408	2.33	211	142	6.80	1.45	23	2.21
B00397005	435	2.03	308	93.4	7.12	1.62	26	2.31
B00397006	406	2.28	240	63.8	5.75	1.47	21	1.95
B00397007	384	2.57	266	79.9	6.20	1.27	19	2.30
B00397008	449	2.04	278	85.6	6.38	1.70	26	2.21
B00397009	401	2.27	324	92.9	6.93	1.41	24	2.53
B00397010	369	2.58	269	91.2	7.18	1.35	22	2.58
B00397011	396	2.35	288	94.2	6.83	1.46	24	2.42
B00397012	369	2.24	271	86.9	6.64	1.24	22	2.41
B00397013	388	2.16	295	92.2	7.03	1.33	23	2.22
B00397014	371	2.48	341	80.2	6.14	1.32	22	2.56
B00397015	378	2.62	261	53.2	5.24	1.31	20	2.24
B00397016	363	2.76	342	79.5	6.50	1.26	22	2.94
B00397017	346	2.77	309	96.4	6.71	1.20	21	2.91
B00397018	490	2.19	174	59.7	4.66	1.69	23	1.64
B00397019	352	2.51	275	69.6	5.43	1.19	17	2.28
B00397020	139	0.29	122	31.1	6.76	0.49	37	0.31
B00397021	345	2.39	362	86.7	5.97	1.22	21	2.78
B00397022	388	2.35	307	99.1	6.96	1.34	25	2.51
B00397023	413	2.26	287	85.3	6.02	1.47	25	2.38
B00397024	413	2.26	313	97.4	6.55	1.43	25	2.44
B00397025	388	2.60	305	72.7	5.75	1.25	20	2.35
B00397026	408	2.20	263	66.6	5.87	1.45	22	2.07
B00397027	377	2.40	271	77.8	6.15	1.35	22	2.25
B00397028	423	2.09	280	84.2	6.25	1.58	25	2.29
B00397029	405	2.38	278	78.8	5.78	1.36	22	2.31
B00397030	431	2.20	213	67.4	5.26	1.48	21	1.84
B00397031	443	2.01	275	86.2	6.72	1.65	28	2.39
B00397032	362	2.46	316	87.1	6.52	1.23	22	2.59
B00397033	376	2.38	279	98.5	5.94	1.29	22	2.32
B00397034	365	2.45	328	86.9	6.41	1.22	21	2.49
B00397035	407	2.26	243	49.6	5.10	1.42	20	2.09
B00397036	364	2.43	326	95.4	6.99	1.23	22	2.53
B00397037	379	2.63	301	77.9	6.11	1.24	20	2.45
B00397038	368	2.94	288	104	6.87	1.27	22	2.68
B00397039	384	2.57	276	85.2	6.02	1.23	21	2.29
B00397040	368	1.86	30	7.2	1.69	1.22	7	0.57

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1 ppm	0.01 %	1 ppm	0.5 ppm	0.01 %	0.01 %	1 ppm	0.01 %
B00397041	363	3.12	279	114	7.22	1.17	22	2.95
B00397042	389	1.92	267	85.6	6.87	1.31	23	2.07
B00397043	412	1.87	218	87.0	6.67	1.37	23	1.92
B00397044	430	2.18	223	96.1	6.38	1.40	23	1.98
B00397045	456	1.97	138	77.4	5.77	1.60	24	1.64
B00397046	475	1.75	171	71.4	5.54	1.65	25	1.64
B00397047	426	1.95	212	119	6.89	1.53	24	1.98
B00397048	460	1.76	218	89.2	6.45	1.65	26	1.86
B00397049	412	1.90	276	89.2	6.88	1.45	24	2.30
B00397050	440	1.97	191	61.7	5.48	1.52	23	1.72
B00397051	447	2.08	216	85.0	6.07	1.49	24	1.88
B00397052	491	1.59	126	54.6	7.63	1.70	21	1.31
B00397053	498	1.74	129	59.6	5.17	1.73	26	1.39
B00397054	486	1.72	138	55.7	4.89	1.66	25	1.35
B00397055	487	1.76	205	86.7	6.52	1.59	27	1.79
B00397056	490	1.51	175	67.7	5.76	1.68	25	1.51
B00397057	507	1.72	169	78.9	6.31	1.74	27	1.73
B00397058	379	1.84	142	78.5	6.85	1.22	20	1.87
B00397059	502	1.64	153	63.8	5.99	1.67	25	1.61
B00397060	500	1.58	153	64.6	6.21	1.65	26	1.65
B00397061	449	1.67	135	64.8	5.93	1.47	23	1.60
B00397062	582	1.58	83	42.6	4.61	2.09	29	1.28
B00397063	531	1.64	182	68.5	5.75	1.88	30	1.65
B00397064	491	1.35	224	68.7	6.43	1.86	28	1.64
B00397065	498	1.41	191	43.4	5.22	1.81	26	1.43
B00397066	558	1.46	198	69.4	5.94	2.02	31	1.63
B00397067	486	1.34	202	68.7	6.44	1.75	27	1.49
B00397068	511	1.53	176	48.9	5.12	1.80	26	1.44
B00397069	459	1.85	167	45.9	5.11	1.54	22	1.43
B00397070	429	1.69	117	49.2	5.36	1.48	22	1.32
B00397071	467	1.59	157	63.5	5.63	1.53	24	1.49
B00397072	423	1.54	130	56.8	5.78	1.46	23	1.37
B00397073	486	1.40	165	81.7	6.53	1.54	26	1.60
B00397074	498	1.70	164	68.3	5.60	1.67	26	1.50
B00397075	476	1.75	145	85.7	5.92	1.63	26	1.54
B00397076	515	1.68	194	77.9	6.23	1.67	27	1.74
B00397077	445	1.78	219	98.9	7.02	1.62	26	1.94
B00397078	408	1.98	167	62.4	6.40	1.39	21	1.78
B00397079	417	2.61	116	54.8	5.06	1.32	17	1.62
B00397080	170	0.19	557	356	14.0	0.42	22	0.27

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1 ppm	0.01 %	1 ppm	0.5 ppm	0.01 %	0.01 %	1 ppm	0.01 %
B00397081	535	2.00	108	43.4	4.99	1.70	24	1.42
B00397082	391	3.01	172	72.1	5.98	1.14	17	2.09
B00397083	453	2.47	117	79.4	5.37	1.49	20	1.69
B00397084	435	2.29	117	179	5.60	1.42	22	1.77
B00397085	505	2.23	106	69.5	5.55	1.55	24	1.57
B00397086	363	2.82	151	87.9	6.39	1.11	18	2.23
B00397087	459	2.39	130	69.0	5.62	1.41	21	1.81
B00397088	534	2.23	87	50.0	5.21	1.70	24	1.39
B00397089	573	1.91	121	61.7	5.63	1.85	28	1.56
B00397090	481	2.41	138	79.7	5.99	1.54	23	1.90
B00397091	450	2.36	115	73.2	5.68	1.36	20	1.81
B00397092	373	2.90	179	101	6.56	1.14	19	2.29
B00397093	381	2.92	139	76.6	6.53	1.14	18	2.11
B00397094	484	2.41	133	87.7	6.01	1.52	23	1.83
B00397095	406	2.65	88	48.8	5.35	1.30	18	1.51
B00397096	411	2.86	116	82.5	6.22	1.32	19	1.89
B00397097	556	2.10	84	36.8	4.78	1.73	24	1.38
B00397098	520	2.38	86	45.6	4.94	1.65	22	1.37
B00397099	325	2.83	133	108	7.15	1.02	17	2.18
B00397100	371	1.78	20	6.5	1.44	1.27	9	0.52
B00397101	501	2.34	98	55.8	4.94	1.59	21	1.43
B00397102	606	1.86	126	66.7	5.58	2.06	31	1.68
B00397103	527	2.39	93	53.7	5.11	1.62	23	1.48
B00397104	506	2.49	89	35.6	4.55	1.54	19	1.32
B00397105	477	2.30	90	32.3	4.39	1.58	19	1.28
B00397106	486	2.37	103	31.6	4.73	1.51	21	1.36
B00397107	574	2.07	111	58.3	5.45	1.86	29	1.72
B00397108	497	2.46	91	31.3	4.62	1.61	20	1.35
B00397109	379	3.10	113	53.1	5.54	1.16	17	1.78
B00397110	540	2.10	97	28.7	4.52	1.69	22	1.29
B00397111	540	2.05	86	35.3	4.52	1.65	23	1.35
B00397112	468	2.46	125	58.2	5.43	1.53	22	1.76
B00397113	541	2.13	78	31.1	4.39	1.75	22	1.28
B00397114	556	1.95	77	37.0	4.37	1.75	22	1.26
B00397115	541	2.34	96	66.1	4.60	1.61	25	1.43
B00397116	530	1.79	101	40.0	4.85	1.65	27	1.33
B00397117	538	1.82	134	41.4	4.73	1.79	28	1.41
B00397118	509	1.95	138	63.4	5.49	1.65	29	1.58
B00397119	536	1.77	247	109	7.25	1.85	34	2.16
B00397120	512	1.72	230	99.8	6.86	1.72	32	1.98

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.5 ppm	GE_ICM40B 0.01 %	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %
B00397121	503	1.69	117	40.9	4.74	1.64	26	1.34
B00397122	546	1.65	120	41.9	4.81	1.84	29	1.31
B00397123	546	1.66	98	37.2	4.42	1.61	30	1.22
B00397124	516	1.84	79	33.3	4.11	1.66	28	1.19
B00397125	517	1.91	80	27.1	3.66	1.61	24	1.06
B00397126	510	2.01	139	66.4	5.46	1.66	31	1.59
B00397127	489	1.70	136	79.8	6.16	1.86	26	1.37
B00397128	431	1.90	147	67.3	4.74	1.51	28	1.53
B00397129	460	1.85	75	32.6	3.57	1.56	21	0.98
B00397130	400	2.29	184	60.2	5.47	1.47	23	1.81
B00397131	402	2.32	232	98.2	6.53	1.44	27	2.21
B00397132	409	2.23	202	60.3	5.83	1.53	23	1.85
B00397133	511	1.94	145	52.9	5.14	1.65	30	1.61
B00397134	415	1.97	249	82.5	6.33	1.54	27	2.03
B00397135	448	2.04	215	57.9	5.78	1.59	27	1.92
B00397136	382	1.88	222	127	7.67	1.41	24	2.06
*Rep B00397022	402	2.38	283	101	7.11	1.37	25	2.59
*Rep B00397076	504	1.69	194	77.9	6.48	1.72	27	1.84
*Rep B00397082	381	2.95	137	70.7	6.01	1.15	17	2.13
*Rep B00397133	520	1.97	143	54.8	5.24	1.83	30	1.68
*Std OREAS601	2069	1.21	47	975	2.48	2.18	21	0.40
*Std OREAS905	2582	0.58	15	1480	4.05	2.59	20	0.29
*Std OREAS601	2341	1.22	36	1012	2.52	2.08	21	0.39
*Std OREAS601	1364	1.25	36	1001	2.50	2.17	21	0.40
*Std OREAS601	1626	1.27	39	992	2.46	2.27	23	0.38
*Bik BLANK	<1	<0.01	2	<0.5	<0.01	<0.01	<1	<0.01
*Bik BLANK	<1	<0.01	2	<0.5	<0.01	<0.01	<1	<0.01
*Bik BLANK	<1	<0.01	2	0.6	<0.01	<0.01	<1	<0.01
Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.5 ppm	GE_ICM40B 0.01 %	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %
*Bik BLANK	1	<0.01	<1	<0.5	<0.01	<0.01	<1	<0.01

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397001	1017	1.56	128	0.08	<0.01	152	0.63	202
B00397002	801	1.58	94.6	0.08	<0.01	173	0.65	207
B00397003	793	1.92	66.1	0.08	<0.01	216	0.61	168
B00397004	1155	1.70	101	0.09	<0.01	201	0.61	205
B00397005	1134	1.46	136	0.09	<0.01	145	0.67	220
B00397006	922	1.82	90.8	0.09	<0.01	204	0.70	194
B00397007	1128	1.76	105	0.10	<0.01	191	0.67	209
B00397008	1004	1.46	119	0.08	<0.01	150	0.58	198
B00397009	931	1.53	128	0.08	0.01	161	0.66	202
B00397010	1132	1.57	113	0.08	<0.01	168	0.65	207
B00397011	1093	1.57	128	0.09	<0.01	174	0.66	200
B00397012	1081	1.60	109	0.09	<0.01	195	0.66	222
B00397013	1215	1.63	123	0.10	<0.01	178	0.69	197
B00397014	887	1.76	142	0.09	<0.01	212	0.57	198
B00397015	967	1.91	115	0.09	<0.01	239	0.58	178
B00397016	1184	1.70	143	0.09	<0.01	193	0.62	198
B00397017	1283	1.78	141	0.09	<0.01	185	0.68	201
B00397018	645	1.98	69.9	0.09	<0.01	262	0.60	157
B00397019	835	1.88	105	0.06	<0.01	217	0.66	188
B00397020	488	0.13	45.0	0.05	0.05	45.7	1.03	176
B00397021	921	1.68	150	0.06	<0.01	181	0.61	195
B00397022	1137	1.63	144	0.10	<0.01	177	0.66	201
B00397023	877	1.69	120	0.09	<0.01	194	0.60	185
B00397024	1176	1.62	135	0.09	<0.01	167	0.67	214
B00397025	906	1.89	115	0.08	<0.01	212	0.70	193
B00397026	904	1.70	101	0.09	<0.01	183	0.63	188
B00397027	1019	1.59	108	0.08	0.01	179	0.66	203
B00397028	1162	1.57	125	0.09	<0.01	165	0.62	191
B00397029	866	1.77	110	0.08	0.01	202	0.64	191
B00397030	823	1.84	77.7	0.09	<0.01	215	0.62	172
B00397031	1103	1.62	130	0.10	<0.01	158	0.68	209
B00397032	925	1.68	127	0.08	0.01	187	0.67	205
B00397033	833	1.73	120	0.08	0.01	200	0.61	187
B00397034	858	1.68	130	0.08	<0.01	182	0.69	216
B00397035	726	1.84	112	0.07	<0.01	220	0.66	165
B00397036	1028	1.65	141	0.07	<0.01	174	0.68	204
B00397037	1272	1.81	114	0.07	0.01	202	0.65	209
B00397038	1230	1.68	135	0.09	0.01	189	0.65	204
B00397039	989	1.83	119	0.08	<0.01	207	0.62	199
B00397040	300	2.51	21.3	0.03	<0.01	372	0.23	53

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397041	1304	1.59	142	0.08	<0.01	186	0.67	214
B00397042	1025	1.68	107	0.06	<0.01	171	0.63	196
B00397043	1203	1.65	96.8	0.10	<0.01	178	0.66	197
B00397044	1081	1.80	99.1	0.09	<0.01	210	0.65	203
B00397045	1014	1.87	66.5	0.10	<0.01	223	0.58	173
B00397046	695	1.78	74.2	0.06	<0.01	202	0.59	167
B00397047	925	1.54	101	0.08	<0.01	172	0.60	190
B00397048	965	1.58	107	0.08	<0.01	167	0.58	188
B00397049	988	1.54	127	0.07	<0.01	151	0.68	192
B00397050	859	1.89	79.8	0.09	<0.01	223	0.61	173
B00397051	1156	1.86	93.6	0.09	<0.01	217	0.62	184
B00397052	567	1.95	45.8	0.10	0.27	233	0.56	191
B00397053	824	1.92	56.1	0.10	<0.01	236	0.55	155
B00397054	743	1.92	57.4	0.09	<0.01	245	0.56	151
B00397055	904	1.65	89.6	0.10	0.01	184	0.62	189
B00397056	1058	1.69	74.5	0.09	<0.01	158	0.60	173
B00397057	1181	1.70	80.8	0.10	<0.01	198	0.57	185
B00397058	1347	1.63	61.1	0.09	<0.01	200	0.66	223
B00397059	1017	1.79	65.1	0.09	<0.01	205	0.60	179
B00397060	1034	1.72	70.2	0.09	<0.01	202	0.58	183
B00397061	1017	1.79	60.4	0.09	<0.01	223	0.59	188
B00397062	682	2.07	43.5	0.09	<0.01	251	0.45	131
B00397063	944	1.70	91.4	0.09	<0.01	201	0.54	163
B00397064	1379	1.59	108	0.09	<0.01	166	0.63	183
B00397065	889	1.67	76.4	0.07	<0.01	181	0.65	160
B00397066	1038	1.65	101	0.09	<0.01	178	0.55	169
B00397067	1076	1.66	87.0	0.10	<0.01	184	0.62	192
B00397068	864	1.78	71.6	0.08	<0.01	211	0.57	150
B00397069	818	1.95	71.5	0.09	<0.01	241	0.61	159
B00397070	908	1.97	46.7	0.09	<0.01	260	0.61	175
B00397071	946	1.91	68.5	0.09	<0.01	239	0.60	155
B00397072	920	1.90	54.6	0.10	<0.01	239	0.59	179
B00397073	1017	1.71	68.4	0.08	0.01	192	0.59	199
B00397074	816	1.86	71.2	0.09	<0.01	232	0.55	172
B00397075	889	1.89	68.4	0.09	<0.01	225	0.57	180
B00397076	809	1.72	92.1	0.11	0.01	193	0.61	186
B00397077	1014	1.55	82.7	0.10	0.02	176	0.59	218
B00397078	1058	1.90	65.0	0.09	<0.01	218	0.63	208
B00397079	902	2.09	48.2	0.12	<0.01	299	0.58	166
B00397080	483	0.10	210	0.04	0.05	31.5	0.71	234

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2 ppm	0.01 %	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm
B00397081	704	2.15	43.9	0.10	<0.01	289	0.54	145
B00397082	1156	1.98	69.3	0.11	<0.01	298	0.59	193
B00397083	968	2.02	51.7	0.11	<0.01	281	0.54	169
B00397084	973	1.95	54.3	0.09	<0.01	267	0.53	174
B00397085	938	2.07	52.2	0.10	<0.01	276	0.55	159
B00397086	1037	1.86	65.6	0.12	<0.01	279	0.57	194
B00397087	791	2.02	57.1	0.10	<0.01	283	0.56	170
B00397088	1070	2.17	43.5	0.14	<0.01	298	0.58	145
B00397089	640	2.03	50.8	0.10	<0.01	267	0.53	159
B00397090	970	1.98	61.3	0.11	<0.01	273	0.56	175
B00397091	879	2.00	50.3	0.12	<0.01	279	0.59	175
B00397092	1034	1.85	79.0	0.11	<0.01	287	0.62	209
B00397093	1081	1.93	59.6	0.08	<0.01	296	0.64	213
B00397094	979	2.01	62.3	0.14	0.02	281	0.59	174
B00397095	853	2.21	37.1	0.16	<0.01	307	0.64	166
B00397096	1055	2.07	48.8	0.14	<0.01	295	0.61	192
B00397097	610	2.18	37.8	0.12	<0.01	290	0.58	150
B00397098	802	2.22	38.8	0.14	<0.01	302	0.60	151
B00397099	964	1.79	60.2	0.11	0.01	274	0.60	205
B00397100	261	2.53	18.2	0.02	<0.01	365	0.16	47
B00397101	903	2.17	43.2	0.17	<0.01	306	0.63	154
B00397102	816	1.99	62.5	0.11	<0.01	246	0.50	156
B00397103	823	2.15	47.1	0.17	<0.01	304	0.62	156
B00397104	694	2.27	38.6	0.18	<0.01	317	0.68	150
B00397105	741	2.18	38.2	0.16	<0.01	298	0.58	143
B00397106	808	2.17	43.7	0.16	<0.01	307	0.65	149
B00397107	918	2.07	52.7	0.11	<0.01	269	0.54	164
B00397108	759	2.26	39.9	0.17	<0.01	314	0.63	147
B00397109	877	2.02	44.9	0.14	<0.01	303	0.62	190
B00397110	746	2.22	40.0	0.13	<0.01	294	0.57	143
B00397111	756	2.21	37.4	0.14	<0.01	290	0.57	140
B00397112	1298	2.09	57.5	0.11	<0.01	277	0.53	165
B00397113	718	2.22	37.8	0.17	<0.01	300	0.56	135
B00397114	649	2.18	43.4	0.14	<0.01	293	0.51	122
B00397115	689	2.33	44.1	0.13	<0.01	339	0.66	140
B00397116	772	1.91	44.6	0.09	<0.01	227	0.63	147
B00397117	807	2.07	54.5	0.10	<0.01	273	0.60	134
B00397118	1083	1.99	63.8	0.10	<0.01	262	0.61	164
B00397119	1654	1.48	120	0.09	<0.01	162	0.61	203
B00397120	1692	1.55	118	0.10	<0.01	170	0.70	190

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Element Method Det.Lim. Units	@Mn GE_ICM40B 2 ppm	@Na GE_ICM40B 0.01 %	@Ni GE_ICM40B 0.5 ppm	@P GE_ICM40B 0.01 %	@S GE_ICM40B 0.01 %	@Sr GE_ICM40B 0.5 ppm	@Ti GE_ICM40B 0.01 %	@V GE_ICM40B 2 ppm
B00397121	689	1.98	46.1	0.07	<0.01	257	0.60	137
B00397122	795	1.93	48.9	0.08	<0.01	255	0.55	138
B00397123	662	2.04	39.2	0.08	<0.01	292	0.54	125
B00397124	610	2.07	36.4	0.07	<0.01	289	0.54	125
B00397125	607	2.26	32.8	0.08	<0.01	326	0.53	114
B00397126	980	1.97	64.3	0.09	<0.01	268	0.62	160
B00397127	933	1.78	76.1	0.09	<0.01	220	0.57	160
B00397128	570	1.79	52.5	0.09	0.01	256	0.65	143
B00397129	479	2.15	29.9	0.07	<0.01	297	0.51	113
B00397130	893	1.89	73.6	0.07	<0.01	251	0.71	178
B00397131	889	1.72	94.8	0.07	<0.01	221	0.74	183
B00397132	806	1.87	78.4	0.08	<0.01	243	0.75	174
B00397133	666	1.98	66.6	0.08	<0.01	251	0.58	147
B00397134	921	1.66	108	0.07	<0.01	197	0.73	195
B00397135	815	1.81	93.2	0.08	<0.01	226	0.77	175
B00397136	1527	1.57	108	0.08	<0.01	194	0.72	205
*Rep B00397022	1162	1.62	136	0.09	<0.01	178	0.66	201
*Rep B00397076	827	1.72	90.4	0.11	0.01	198	0.65	172
*Rep B00397082	1163	1.97	71.7	0.11	<0.01	296	0.61	191
*Rep B00397133	701	1.98	67.1	0.07	<0.01	262	0.63	154
*Std OREAS601	486	1.33	27.5	0.05	1.18	220	0.19	31
*Std OREAS905	370	2.21	8.6	0.03	0.07	151	0.12	12
*Std OREAS601	479	1.35	24.4	0.05	1.20	226	0.20	30
*Std OREAS601	474	1.36	26.4	0.05	1.14	223	0.19	32
*Std OREAS601	476	1.38	25.5	0.04	1.08	244	0.21	30
*Bik BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
*Bik BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
*Bik BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
Element Method Det.Lim. Units	@Mn GE_ICM40B 2 ppm	@Na GE_ICM40B 0.01 %	@Ni GE_ICM40B 0.5 ppm	@P GE_ICM40B 0.01 %	@S GE_ICM40B 0.01 %	@Sr GE_ICM40B 0.5 ppm	@Ti GE_ICM40B 0.01 %	@V GE_ICM40B 2 ppm
*Bik BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397001	116	160	19	1.2	0.15	0.23	62.60	34.6
B00397002	97	149	15	1.1	0.11	0.18	58.24	29.0
B00397003	77	158	6	1.1	0.06	0.16	66.13	24.1
B00397004	109	139	19	1.1	0.10	0.27	56.15	38.7
B00397005	107	156	20	1.4	0.16	0.27	70.41	37.4
B00397006	78	150	11	1.1	0.11	0.18	67.21	26.9
B00397007	82	143	17	1.0	0.07	0.25	58.11	34.3
B00397008	91	134	13	1.2	0.16	0.21	66.47	32.8
B00397009	98	136	16	1.3	0.11	0.17	52.89	32.2
B00397010	95	135	22	1.3	0.11	0.20	57.78	38.9
B00397011	96	139	20	1.2	0.13	0.20	64.47	37.5
B00397012	88	136	6	1.0	0.06	0.20	49.68	34.5
B00397013	111	136	14	1.0	0.08	0.25	57.04	35.7
B00397014	74	162	3	1.0	0.05	0.14	56.20	31.8
B00397015	62	154	3	1.1	0.05	0.13	56.53	29.7
B00397016	83	113	5	1.1	0.05	0.19	52.19	42.3
B00397017	83	117	4	0.9	0.05	0.19	49.34	40.6
B00397018	78	185	4	1.3	0.07	0.21	76.70	21.9
B00397019	64	135	4	0.9	<0.04	0.13	50.98	27.6
B00397020	42	157	9	0.9	0.32	0.03	40.50	7.4
B00397021	74	127	3	0.9	0.05	0.13	46.40	32.9
B00397022	92	139	10	1.1	0.09	0.20	56.27	37.8
B00397023	90	156	6	1.2	0.07	0.14	56.87	30.5
B00397024	93	136	8	1.2	0.10	0.20	61.77	38.1
B00397025	83	138	3	1.1	0.05	0.21	55.97	30.1
B00397026	85	146	6	1.1	0.08	0.15	61.78	29.5
B00397027	83	141	11	1.1	0.09	0.19	59.11	30.9
B00397028	91	146	9	1.4	0.11	0.23	65.00	34.5
B00397029	82	146	4	1.1	0.05	0.12	53.44	27.7
B00397030	79	146	4	1.2	0.06	0.15	59.38	24.5
B00397031	97	156	10	1.5	0.13	0.19	70.48	37.2
B00397032	75	124	5	1.0	0.06	0.13	52.16	32.9
B00397033	78	150	4	1.1	0.05	0.13	51.79	29.1
B00397034	86	124	8	1.0	0.06	0.17	53.39	35.8
B00397035	64	151	2	1.2	0.05	0.13	65.48	24.5
B00397036	92	125	13	1.0	0.09	0.18	53.78	34.7
B00397037	80	131	4	1.1	0.06	0.15	53.79	33.9
B00397038	88	132	7	1.1	0.06	0.20	52.41	39.6
B00397039	77	129	6	1.1	0.06	0.17	49.39	32.9
B00397040	18	62.0	<1	0.9	0.06	0.03	24.97	6.0

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397041	94	117	12	1.2	0.08	0.21	47.68	41.9
B00397042	95	136	23	1.2	0.14	0.16	63.59	32.3
B00397043	98	147	21	1.2	0.15	0.28	70.44	36.4
B00397044	99	149	16	1.3	0.06	0.22	60.17	35.2
B00397045	94	140	17	1.2	0.12	0.22	65.80	31.1
B00397046	87	176	12	1.4	0.16	0.14	67.63	22.8
B00397047	113	145	19	1.4	0.14	0.25	57.57	33.3
B00397048	110	158	20	1.5	0.16	0.27	67.61	33.8
B00397049	102	143	16	1.2	0.12	0.19	63.16	33.8
B00397050	81	146	14	1.2	0.10	0.16	59.77	25.9
B00397051	95	152	17	1.4	0.11	0.26	76.06	33.8
B00397052	67	157	9	1.1	0.10	0.09	43.89	15.5
B00397053	84	146	10	1.4	0.10	0.15	58.42	23.3
B00397054	78	201	8	1.4	0.09	0.11	70.76	20.8
B00397055	101	154	14	1.4	0.12	0.15	62.76	28.2
B00397056	93	159	14	1.5	0.17	0.18	76.62	27.3
B00397057	101	157	13	1.5	0.14	0.18	65.62	31.2
B00397058	89	124	13	1.2	0.11	0.16	55.57	33.5
B00397059	87	143	11	1.4	0.12	0.14	67.25	27.6
B00397060	88	145	12	1.3	0.12	0.15	65.63	27.6
B00397061	83	145	11	1.3	0.10	0.14	59.09	28.3
B00397062	84	139	6	1.6	0.09	0.19	68.40	18.8
B00397063	101	163	15	1.5	0.14	0.23	71.23	28.4
B00397064	91	168	38	1.6	0.34	0.19	90.20	35.1
B00397065	83	185	12	1.5	0.18	0.13	83.72	25.4
B00397066	101	175	18	1.7	0.21	0.20	74.05	30.9
B00397067	94	145	19	1.6	0.20	0.18	70.86	28.9
B00397068	76	168	14	1.5	0.15	0.15	80.65	23.4
B00397069	69	159	7	1.3	0.08	0.14	70.35	24.5
B00397070	75	169	8	1.4	0.08	0.09	60.44	23.4
B00397071	80	151	11	1.3	0.09	0.13	65.11	26.7
B00397072	79	164	13	1.4	0.11	0.13	61.35	25.2
B00397073	92	140	14	1.5	0.13	0.11	44.70	28.9
B00397074	90	151	11	1.5	0.11	0.14	61.07	24.8
B00397075	93	139	10	1.4	0.10	0.22	58.34	29.8
B00397076	108	161	9	1.7	0.09	0.20	68.76	29.8
B00397077	116	151	12	1.2	0.13	0.20	55.49	28.0
B00397078	86	143	7	1.1	0.07	0.15	57.42	26.7
B00397079	80	145	4	1.2	0.09	0.14	62.99	20.4
B00397080	38	133	12	0.7	0.28	0.02	34.19	25.8

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397081	82	153	3	1.3	0.09	0.09	78.75	17.9
B00397082	94	113	5	1.1	0.12	0.15	59.16	28.5
B00397083	86	135	5	1.3	0.10	0.19	65.82	22.8
B00397084	87	138	9	1.3	0.10	0.14	61.50	25.0
B00397085	89	146	8	1.4	0.10	0.12	75.80	23.8
B00397086	98	122	7	1.1	0.27	0.14	51.25	25.2
B00397087	91	130	5	1.3	0.17	0.14	67.99	22.0
B00397088	102	171	5	1.5	0.08	0.19	83.87	18.3
B00397089	112	155	5	1.7	0.11	0.17	87.50	20.9
B00397090	101	143	7	1.4	0.17	0.17	67.34	26.3
B00397091	91	151	5	1.3	0.18	0.13	64.09	21.6
B00397092	100	146	9	1.1	0.20	0.12	60.17	25.9
B00397093	105	136	7	1.2	0.20	0.22	65.65	26.9
B00397094	125	148	9	1.4	0.14	0.28	84.75	24.8
B00397095	75	156	6	1.4	0.19	0.10	74.90	21.9
B00397096	85	146	7	1.3	0.26	0.14	67.17	26.8
B00397097	83	168	3	1.6	0.08	0.12	83.11	17.0
B00397098	86	160	4	1.5	0.09	0.16	87.59	18.3
B00397099	81	116	16	1.0	0.35	0.11	55.46	32.9
B00397100	18	46.4	<1	1.0	<0.04	0.03	19.98	5.2
B00397101	77	163	4	1.6	0.08	0.14	91.67	19.5
B00397102	106	147	5	1.8	0.09	0.21	82.03	21.8
B00397103	88	179	8	1.5	0.09	0.16	92.54	19.7
B00397104	79	163	4	1.5	0.06	0.16	85.30	15.8
B00397105	67	163	3	1.5	0.07	0.12	82.32	16.2
B00397106	72	187	3	1.6	0.07	0.09	89.45	17.4
B00397107	92	153	5	1.7	0.09	0.13	83.50	22.8
B00397108	70	200	4	1.6	0.08	0.14	85.96	16.4
B00397109	67	148	7	1.2	0.18	0.11	65.04	24.5
B00397110	76	154	3	1.7	0.07	0.11	80.87	16.5
B00397111	78	166	3	1.7	0.08	0.10	82.39	16.4
B00397112	77	136	5	1.5	0.14	0.11	67.78	20.8
B00397113	74	180	3	1.7	0.08	0.14	88.72	15.7
B00397114	99	177	3	1.7	0.08	0.18	87.49	17.6
B00397115	78	166	3	1.6	0.09	0.09	88.40	16.6
B00397116	81	165	5	1.5	0.08	0.17	71.71	18.6
B00397117	76	154	5	1.5	0.08	0.14	67.42	19.0
B00397118	95	163	18	1.5	0.08	0.23	74.57	25.6
B00397119	128	161	29	1.8	0.24	0.35	79.86	40.7
B00397120	124	153	26	1.7	0.22	0.38	85.90	40.2

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397121	69	164	11	1.5	0.12	0.09	74.88	17.0
B00397122	76	161	12	1.6	0.13	0.13	77.68	19.4
B00397123	76	143	7	1.5	0.10	0.08	71.27	16.5
B00397124	70	150	5	1.6	0.08	0.11	65.82	15.1
B00397125	59	153	3	1.5	0.06	0.11	67.99	13.7
B00397126	89	158	13	1.6	0.12	0.17	70.66	25.7
B00397127	125	172	24	1.5	0.19	0.36	72.55	25.3
B00397128	86	159	9	1.5	0.11	0.12	54.94	16.3
B00397129	55	144	5	1.3	0.07	0.10	54.85	12.2
B00397130	66	150	5	1.4	0.05	0.12	59.63	25.3
B00397131	84	147	5	1.4	0.07	0.15	56.38	29.4
B00397132	74	160	7	1.4	0.07	0.15	64.63	26.6
B00397133	85	133	5	1.5	0.08	0.22	68.19	21.3
B00397134	83	140	14	1.6	0.12	0.16	57.33	31.5
B00397135	78	154	4	1.5	0.07	0.15	64.69	24.8
B00397136	94	139	24	1.5	0.13	0.20	56.42	43.5
*Rep B00397022	96	131	9	1.2	0.09	0.21	59.33	38.2
*Rep B00397076	100	167	10	1.5	0.09	0.22	65.89	30.2
*Rep B00397082	94	139	4	1.0	0.12	0.14	57.82	28.1
*Rep B00397133	90	140	5	1.6	0.08	0.22	65.73	22.1
*Std OREAS601	1329	165	292	2.0	19.51	7.54	61.80	5.0
*Std OREAS905	125	235	32	2.8	5.31	0.30	88.49	13.9
*Std OREAS601	1303	163	306	2.1	19.24	7.34	59.85	5.4
*Std OREAS601	1350	158	291	2.0	19.39	7.82	59.73	5.0
*Std OREAS601	1239	159	285	2.1	19.35	7.14	59.49	4.8
*Bik BLANK	<1	<0.5	<1	<0.1	<0.04	<0.02	0.07	<0.1
*Bik BLANK	<1	<0.5	<1	<0.1	<0.04	<0.02	<0.05	<0.1
*Bik BLANK	2	<0.5	<1	<0.1	<0.04	<0.02	0.09	<0.1
Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Bik BLANK	2	<0.5	<1	<0.1	<0.04	<0.02	0.09	<0.1

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Element Method Det.Lim. Units	@Cs	@Ga	@Hf	@In	@La	@Lu	@Mo	@Nb
	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.01 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm
B00397001	2	18.0	3.85	0.06	27.9	0.28	1.39	15.1
B00397002	1	17.0	3.67	0.06	27.1	0.26	0.96	15.9
B00397003	1	17.1	3.97	0.05	30.8	0.23	0.68	14.4
B00397004	2	17.3	3.40	0.05	25.7	0.26	0.69	12.5
B00397005	2	18.4	3.86	0.06	31.0	0.28	0.95	16.5
B00397006	1	16.9	3.70	0.06	30.9	0.26	0.57	15.3
B00397007	1	16.3	3.16	0.05	24.8	0.25	0.55	15.3
B00397008	2	17.9	3.45	0.06	30.2	0.27	0.79	14.2
B00397009	2	18.0	3.37	0.06	25.3	0.27	0.76	15.8
B00397010	2	17.2	3.28	0.06	24.6	0.25	0.91	14.2
B00397011	2	18.2	3.50	0.06	28.3	0.26	0.88	15.3
B00397012	1	17.6	3.36	0.05	22.4	0.25	0.52	14.1
B00397013	2	18.0	3.35	0.07	24.9	0.26	0.89	14.7
B00397014	1	16.8	3.81	0.05	27.1	0.25	0.55	13.4
B00397015	<1	16.5	3.93	0.05	25.3	0.23	0.39	14.0
B00397016	1	16.8	2.82	0.05	21.3	0.24	0.43	13.7
B00397017	1	17.1	3.07	0.05	20.6	0.25	0.44	14.1
B00397018	2	18.1	4.69	0.05	35.8	0.24	0.60	14.7
B00397019	<1	15.9	3.39	0.05	23.8	0.22	0.50	13.7
B00397020	6	25.3	4.17	0.08	16.6	0.17	2.35	22.1
B00397021	1	16.0	3.11	0.05	22.0	0.23	0.38	14.1
B00397022	2	17.7	3.28	0.06	24.7	0.26	0.64	13.7
B00397023	1	17.8	3.87	0.05	27.7	0.24	0.61	13.7
B00397024	2	17.8	3.35	0.06	26.7	0.27	0.73	16.8
B00397025	1	16.2	3.36	0.04	25.2	0.24	0.45	15.9
B00397026	1	17.3	3.52	0.05	27.9	0.25	0.74	15.7
B00397027	1	16.9	3.42	0.06	28.0	0.26	0.60	15.7
B00397028	2	17.5	3.61	0.06	29.6	0.26	0.91	15.0
B00397029	1	16.6	3.47	0.06	26.2	0.24	0.61	15.0
B00397030	1	16.5	3.57	0.05	27.9	0.23	0.66	13.9
B00397031	2	19.4	3.85	0.06	31.5	0.27	0.78	16.8
B00397032	1	17.1	3.19	0.05	24.5	0.25	0.52	14.7
B00397033	1	17.1	3.60	0.05	27.4	0.24	0.54	14.8
B00397034	1	17.1	3.12	0.06	23.5	0.25	0.62	14.8
B00397035	1	16.3	3.67	0.04	30.3	0.23	0.51	15.9
B00397036	1	17.3	3.46	0.06	25.3	0.27	0.95	13.6
B00397037	1	16.4	3.25	0.06	24.1	0.24	0.55	13.5
B00397038	1	17.1	3.20	0.05	22.6	0.26	0.60	13.3
B00397039	1	16.9	2.95	0.05	23.7	0.23	0.77	13.2
B00397040	<1	13.5	1.52	<0.02	11.0	0.11	0.12	4.2

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Element Method Det.Lim. Units	@Cs	@Ga	@Hf	@In	@La	@Lu	@Mo	@Nb
	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.01 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm
B00397041	1	17.3	2.72	0.06	21.5	0.25	0.62	12.7
B00397042	2	17.5	3.38	0.06	29.9	0.25	0.96	13.8
B00397043	2	17.7	3.44	0.06	32.2	0.27	0.87	13.7
B00397044	1	17.9	3.39	0.06	29.0	0.26	0.90	15.2
B00397045	2	18.1	3.43	0.05	31.6	0.24	0.84	12.4
B00397046	2	18.5	4.12	0.05	33.6	0.26	0.72	14.6
B00397047	2	18.7	3.48	0.06	29.6	0.27	1.16	13.0
B00397048	2	18.1	3.81	0.06	32.6	0.27	1.25	13.5
B00397049	2	18.2	3.35	0.06	30.5	0.27	0.85	15.5
B00397050	1	17.2	3.49	0.05	27.9	0.23	0.80	12.9
B00397051	2	18.1	3.52	0.06	35.6	0.26	0.94	14.7
B00397052	2	17.8	4.08	0.05	21.8	0.17	4.97	13.5
B00397053	2	18.7	3.61	0.05	30.7	0.23	0.89	12.8
B00397054	2	18.3	4.68	0.05	35.9	0.22	0.81	14.3
B00397055	2	19.4	3.68	0.06	33.0	0.28	0.82	16.0
B00397056	2	18.0	3.71	0.06	37.0	0.29	0.74	15.0
B00397057	2	19.2	3.68	0.06	31.3	0.27	0.73	13.8
B00397058	1	19.0	2.87	0.06	25.4	0.25	0.51	12.0
B00397059	2	19.3	3.47	0.06	31.9	0.23	0.72	14.5
B00397060	2	19.1	3.30	0.06	31.2	0.25	0.68	13.7
B00397061	2	19.1	3.44	0.05	28.5	0.23	0.63	12.5
B00397062	2	19.8	3.30	0.04	34.4	0.21	1.09	12.2
B00397063	3	19.7	3.78	0.05	35.2	0.24	1.18	14.7
B00397064	3	19.2	4.03	0.07	42.0	0.29	0.95	15.4
B00397065	2	19.1	4.25	0.05	40.6	0.24	0.78	16.5
B00397066	3	20.2	4.11	0.05	35.2	0.26	1.07	15.2
B00397067	2	20.1	3.72	0.06	34.2	0.27	0.80	14.1
B00397068	2	19.3	4.21	0.05	39.9	0.24	0.81	15.6
B00397069	1	17.9	3.87	0.05	34.2	0.22	0.64	16.3
B00397070	1	18.7	3.84	0.05	29.4	0.23	0.59	13.2
B00397071	2	19.1	3.64	0.05	31.2	0.23	0.82	13.7
B00397072	1	19.6	3.82	0.06	29.9	0.24	0.65	12.5
B00397073	2	19.5	3.53	0.05	20.5	0.23	0.77	12.1
B00397074	2	18.9	3.52	0.05	31.6	0.24	0.81	13.3
B00397075	2	19.5	3.54	0.05	27.6	0.25	0.86	12.0
B00397076	2	19.3	3.73	0.06	33.8	0.25	1.11	16.1
B00397077	2	18.4	3.51	0.07	29.4	0.28	1.07	12.7
B00397078	1	17.2	3.49	0.05	28.1	0.25	0.74	14.6
B00397079	1	17.6	3.65	0.06	30.8	0.25	0.70	18.4
B00397080	4	19.7	3.45	0.09	16.6	0.17	2.37	12.6

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	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.01 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm
B00397081	2	18.8	3.92	0.05	40.4	0.23	0.70	25.0
B00397082	1	18.0	2.82	0.06	27.1	0.27	0.50	14.1
B00397083	1	18.7	3.27	0.05	32.7	0.25	0.75	16.8
B00397084	2	18.8	3.36	0.07	29.8	0.24	0.79	21.1
B00397085	2	19.0	3.64	0.05	37.5	0.24	0.66	20.6
B00397086	1	17.6	2.95	0.06	26.3	0.26	0.80	15.2
B00397087	1	18.1	3.41	0.06	34.1	0.25	0.71	18.0
B00397088	2	18.1	4.27	0.05	45.0	0.25	1.05	30.1
B00397089	2	19.5	3.73	0.05	45.1	0.26	0.82	24.6
B00397090	2	19.2	3.49	0.06	35.0	0.26	0.86	20.8
B00397091	1	18.2	3.63	0.06	32.8	0.24	0.99	21.7
B00397092	1	18.3	3.55	0.07	31.4	0.27	0.97	18.9
B00397093	1	18.3	3.34	0.07	27.8	0.24	0.92	27.9
B00397094	2	19.1	3.74	0.06	44.5	0.28	1.11	28.7
B00397095	1	17.6	3.85	0.06	36.4	0.25	1.22	34.5
B00397096	1	18.4	3.64	0.07	34.8	0.27	1.47	20.8
B00397097	2	18.8	4.10	0.06	42.4	0.27	0.76	26.2
B00397098	2	18.4	4.12	0.06	45.3	0.26	0.82	34.7
B00397099	<1	17.5	2.67	0.07	25.0	0.23	1.21	18.0
B00397100	<1	12.7	1.12	<0.02	9.7	0.09	0.08	3.2
B00397101	1	17.9	3.89	0.06	45.0	0.27	0.75	34.4
B00397102	2	20.1	3.56	0.05	44.7	0.25	1.02	19.2
B00397103	2	18.6	4.39	0.06	47.8	0.27	0.79	38.7
B00397104	1	17.5	3.92	0.05	44.4	0.24	0.61	45.2
B00397105	1	17.8	4.12	0.06	42.4	0.24	0.58	32.3
B00397106	1	18.0	5.32	0.06	43.0	0.25	0.58	41.6
B00397107	2	20.1	3.73	0.05	44.4	0.24	0.89	22.1
B00397108	1	17.8	4.79	0.05	44.9	0.26	0.60	42.3
B00397109	1	17.9	3.61	0.07	33.1	0.27	0.64	25.2
B00397110	2	18.4	4.04	0.05	40.9	0.23	0.64	29.8
B00397111	2	18.1	4.02	0.06	41.8	0.22	0.64	37.4
B00397112	2	18.5	3.55	0.05	36.9	0.25	0.86	17.7
B00397113	2	18.1	4.72	0.05	48.8	0.25	0.81	29.5
B00397114	2	18.1	4.15	0.05	44.8	0.24	0.69	24.5
B00397115	2	17.7	4.46	0.05	42.5	0.25	0.92	33.4
B00397116	2	17.5	4.56	0.05	35.9	0.24	1.15	16.4
B00397117	2	17.7	3.93	0.05	30.2	0.21	0.78	15.7
B00397118	2	17.9	4.08	0.06	34.4	0.26	1.08	14.5
B00397119	3	19.8	4.10	0.07	35.8	0.31	1.18	16.3
B00397120	3	18.9	4.11	0.07	36.7	0.30	1.08	17.1

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.02	0.02	0.1	0.01	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397121	2	17.7	4.49	0.05	34.9	0.24	0.81	15.2
B00397122	2	18.3	4.26	0.05	36.8	0.23	0.92	14.4
B00397123	2	18.5	3.79	0.04	33.1	0.20	0.81	13.9
B00397124	2	18.0	4.12	0.04	32.9	0.21	0.70	14.0
B00397125	1	17.0	3.94	0.04	32.6	0.20	0.59	14.2
B00397126	2	18.1	4.05	0.06	33.4	0.25	0.83	16.4
B00397127	2	17.8	4.52	0.06	34.0	0.27	1.83	13.4
B00397128	2	17.1	4.28	0.05	31.0	0.24	0.87	15.0
B00397129	1	15.5	3.69	0.04	26.9	0.18	0.70	12.4
B00397130	1	16.5	3.76	0.06	26.7	0.24	0.55	16.4
B00397131	1	17.3	3.78	0.06	26.7	0.29	0.69	16.4
B00397132	1	17.1	4.07	0.06	30.2	0.25	0.78	17.4
B00397133	2	18.2	3.49	0.05	33.0	0.23	0.77	15.7
B00397134	2	18.1	3.64	0.06	26.8	0.28	0.85	15.8
B00397135	2	17.5	3.95	0.06	32.1	0.27	0.96	19.1
B00397136	2	19.5	3.62	0.07	24.6	0.28	0.80	12.9
*Rep B00397022	2	17.4	3.27	0.05	26.4	0.25	0.58	14.1
*Rep B00397076	2	19.6	3.77	0.05	32.2	0.26	1.10	16.6
*Rep B00397082	1	17.3	3.17	0.06	26.3	0.27	0.64	14.9
*Rep B00397133	2	18.7	3.73	0.06	31.8	0.24	0.81	16.1
*Std OREAS601	6	19.7	4.29	1.58	29.8	0.09	3.60	12.1
*Std OREAS905	6	23.5	6.40	0.59	41.7	0.08	3.07	17.3
*Std OREAS601	6	20.5	4.03	1.54	30.7	0.08	3.73	12.5
*Std OREAS601	6	19.4	4.26	1.60	32.2	0.09	3.73	12.2
*Std OREAS601	6	19.0	4.24	1.60	28.9	0.09	3.64	12.2
*Bik BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
*Bik BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
*Bik BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
Element Method Det.Lim. Units	@Cs	@Ga	@Hf	@In	@La	@Lu	@Mo	@Nb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.02	0.02	0.1	0.01	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Bik BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397001	14.4	60.2	1.39	21.4	<2	1.7	1.46	0.67
B00397002	10.6	44.4	1.02	21.9	<2	1.6	1.05	0.71
B00397003	11.0	52.1	0.33	17.1	<2	1.4	0.91	0.67
B00397004	11.4	50.4	0.74	21.4	<2	1.4	0.79	0.66
B00397005	13.7	64.3	1.42	22.5	<2	1.8	1.00	0.73
B00397006	11.3	51.3	0.83	20.5	<2	1.5	0.95	0.72
B00397007	9.2	40.1	0.88	21.9	<2	1.4	0.90	0.71
B00397008	13.0	69.5	1.17	21.9	<2	1.7	0.89	0.68
B00397009	10.5	53.9	0.98	23.7	<2	1.5	0.96	0.67
B00397010	10.8	51.5	1.26	25.9	<2	1.4	0.87	0.66
B00397011	11.8	56.5	1.19	23.4	<2	1.6	0.87	0.70
B00397012	8.7	40.8	0.69	24.1	<2	1.2	0.81	0.63
B00397013	10.5	45.3	1.34	23.6	<2	1.4	0.89	0.68
B00397014	9.1	43.0	0.31	22.4	<2	1.2	0.82	0.63
B00397015	9.3	39.9	0.26	20.4	<2	1.2	0.83	0.64
B00397016	8.0	37.9	0.42	23.1	<2	1.2	0.81	0.63
B00397017	7.3	36.5	0.45	23.9	<2	1.3	0.85	0.63
B00397018	13.1	60.7	0.37	17.8	<2	1.4	0.91	0.69
B00397019	7.4	33.3	0.37	21.7	<2	1.2	0.80	0.63
B00397020	23.5	55.5	0.58	10.6	2	3.7	1.57	0.37
B00397021	7.9	37.1	0.36	21.4	<2	1.2	0.86	0.60
B00397022	10.0	48.3	0.83	23.2	<2	1.4	0.84	0.67
B00397023	11.5	52.5	0.49	20.8	<2	1.3	0.81	0.64
B00397024	11.1	52.4	0.77	24.0	<2	1.5	0.96	0.69
B00397025	8.3	39.7	0.36	22.4	<2	1.3	0.89	0.70
B00397026	10.4	49.7	0.54	21.1	<2	1.4	0.91	0.66
B00397027	10.0	49.0	0.61	23.4	<2	1.4	0.92	0.69
B00397028	12.7	59.8	0.72	21.7	<2	1.5	0.90	0.67
B00397029	9.2	43.3	0.35	21.4	<2	1.3	0.85	0.64
B00397030	9.9	47.8	0.35	19.4	<2	1.3	0.82	0.64
B00397031	13.0	65.4	0.92	23.7	<2	1.7	1.01	0.74
B00397032	8.2	39.6	0.46	24.2	<2	1.3	0.85	0.67
B00397033	8.7	42.0	0.36	21.9	<2	1.3	0.87	0.67
B00397034	8.7	40.7	0.71	24.6	<2	1.3	0.87	0.66
B00397035	9.4	42.8	0.23	18.8	<2	1.2	0.93	0.66
B00397036	9.9	41.8	1.50	24.0	30	1.4	0.90	0.73
B00397037	8.3	38.4	0.54	23.6	<2	1.2	0.82	0.66
B00397038	8.9	41.2	0.64	24.5	<2	1.3	0.79	0.67
B00397039	9.3	44.8	0.58	23.3	<2	1.3	0.81	0.62
B00397040	8.1	45.0	0.07	6.9	<2	0.6	0.28	0.26

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397041	8.5	42.5	0.95	26.0	<2	1.2	0.75	0.63
B00397042	12.2	58.4	1.46	23.9	<2	1.5	0.86	0.69
B00397043	13.8	57.9	1.46	23.5	<2	1.6	0.87	0.72
B00397044	11.9	52.7	0.69	21.8	<2	1.3	0.90	0.69
B00397045	14.8	67.0	0.99	19.5	<2	1.4	0.78	0.66
B00397046	14.6	72.7	0.98	20.1	<2	1.6	0.88	0.68
B00397047	13.1	70.8	1.20	24.1	<2	1.6	0.83	0.68
B00397048	15.4	76.7	1.27	21.5	<2	1.7	0.88	0.69
B00397049	10.7	61.4	1.14	24.0	<2	1.6	0.94	0.70
B00397050	12.7	59.8	1.07	19.6	<2	1.4	0.82	0.63
B00397051	14.7	60.0	1.13	21.6	<2	1.4	0.86	0.72
B00397052	15.0	65.1	0.72	15.4	3	1.3	0.81	0.45
B00397053	14.0	74.4	0.74	18.2	<2	1.3	0.78	0.61
B00397054	13.5	67.2	0.63	17.5	<2	1.4	0.86	0.65
B00397055	13.6	74.6	1.04	23.1	<2	1.6	0.95	0.71
B00397056	16.8	76.8	1.41	21.1	<2	1.7	0.92	0.74
B00397057	15.4	74.9	1.13	21.4	<2	1.6	0.83	0.66
B00397058	11.6	48.6	1.09	27.1	<2	1.4	0.71	0.66
B00397059	14.7	70.6	0.95	20.9	<2	1.6	0.89	0.64
B00397060	14.6	71.7	0.97	20.7	<2	1.5	0.82	0.64
B00397061	12.5	58.9	0.93	21.6	<2	1.3	0.75	0.62
B00397062	16.1	86.5	0.37	14.7	<2	1.3	0.77	0.58
B00397063	16.8	89.3	0.95	19.4	<2	1.5	0.88	0.67
B00397064	19.8	85.7	1.78	21.1	<2	1.9	1.01	0.78
B00397065	15.8	85.9	1.15	19.7	<2	1.8	1.03	0.70
B00397066	18.7	99.4	1.38	20.0	<2	1.8	0.94	0.67
B00397067	15.2	80.9	1.89	22.1	<2	1.8	0.90	0.68
B00397068	15.6	86.9	1.13	18.6	<2	1.7	0.95	0.69
B00397069	12.4	61.2	0.77	18.5	<2	1.4	1.00	0.65
B00397070	11.5	55.9	0.92	19.9	<2	1.3	0.78	0.61
B00397071	13.1	62.9	1.03	19.7	<2	1.4	0.82	0.63
B00397072	12.6	58.5	1.26	21.2	<2	1.4	0.75	0.63
B00397073	12.5	56.1	1.42	20.7	<2	1.5	0.73	0.56
B00397074	14.4	70.4	0.91	19.8	<2	1.4	0.80	0.61
B00397075	13.5	66.5	1.19	22.5	<2	1.3	0.74	0.63
B00397076	13.2	70.9	0.76	21.7	<2	1.4	0.93	0.71
B00397077	12.4	62.9	1.09	22.0	<2	1.5	0.80	0.68
B00397078	10.3	47.2	0.82	19.9	<2	1.4	0.88	0.67
B00397079	10.4	46.1	0.46	17.6	<2	1.4	0.97	0.70
B00397080	19.7	41.0	0.68	45.4	3	2.5	0.97	0.35

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397081	13.0	64.2	0.30	15.2	<2	1.6	1.12	0.71
B00397082	9.5	39.0	0.54	20.0	<2	1.5	0.77	0.72
B00397083	10.7	54.8	0.42	17.4	<2	1.5	0.95	0.68
B00397084	10.3	54.0	0.39	18.0	<2	1.5	0.87	0.68
B00397085	12.2	59.9	0.35	16.2	<2	1.5	1.04	0.73
B00397086	9.2	39.7	0.58	19.9	<2	1.5	0.77	0.70
B00397087	11.6	52.9	0.45	17.8	<2	1.6	0.97	0.73
B00397088	13.9	69.3	0.29	15.0	<2	1.6	1.21	0.79
B00397089	14.4	79.6	0.33	15.4	<2	1.6	1.12	0.77
B00397090	12.1	60.6	0.50	18.0	<2	1.6	1.02	0.74
B00397091	11.1	50.0	0.43	17.3	<2	1.6	1.01	0.69
B00397092	9.9	43.5	0.62	20.8	<2	1.6	1.03	0.77
B00397093	9.9	40.1	0.58	20.6	<2	1.6	1.06	0.73
B00397094	14.3	62.8	0.44	17.6	<2	1.7	1.33	0.86
B00397095	11.6	47.0	0.34	17.4	<2	1.7	1.46	0.79
B00397096	10.5	48.5	0.50	19.1	<2	1.8	1.01	0.80
B00397097	14.4	67.6	0.27	15.6	<2	1.7	1.26	0.77
B00397098	13.7	66.0	0.30	15.5	<2	1.7	1.53	0.81
B00397099	8.8	35.5	0.67	19.4	2	1.6	0.81	0.66
B00397100	7.1	43.9	<0.05	5.8	<2	0.5	0.25	0.22
B00397101	12.8	58.4	0.25	15.9	<2	1.6	1.41	0.88
B00397102	14.6	85.9	0.29	15.7	<2	1.6	1.05	0.74
B00397103	14.3	66.0	0.29	16.7	<2	1.7	1.54	0.90
B00397104	12.1	59.1	0.22	15.1	<2	1.6	1.86	0.83
B00397105	12.3	58.1	0.26	15.3	<2	1.6	1.28	0.79
B00397106	12.9	61.4	0.26	16.2	<2	1.7	1.77	0.82
B00397107	14.1	77.4	0.30	16.0	<2	1.6	1.53	0.74
B00397108	12.8	60.2	0.25	15.7	<2	1.7	1.65	0.84
B00397109	9.7	40.8	0.83	19.3	<2	1.8	1.20	0.76
B00397110	13.4	65.8	0.27	14.4	<2	1.7	1.60	0.76
B00397111	14.3	64.2	0.23	14.5	<2	1.6	1.42	0.76
B00397112	11.9	62.5	0.33	17.0	<2	1.7	0.97	0.72
B00397113	14.2	72.7	0.20	14.1	<2	1.6	1.40	0.84
B00397114	15.5	70.2	0.23	13.9	<2	1.5	1.24	0.77
B00397115	15.4	75.1	0.23	14.4	<2	1.5	1.49	0.79
B00397116	14.9	71.4	0.36	15.7	<2	1.4	1.04	0.71
B00397117	15.4	79.4	0.40	15.0	<2	1.3	1.07	0.61
B00397118	15.8	76.9	1.10	17.6	<2	1.4	0.94	0.72
B00397119	18.9	105	1.91	22.8	<2	1.9	1.16	0.77
B00397120	18.8	96.8	2.02	22.0	<2	1.9	1.19	0.78

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5	0.2	0.05	0.5	2	0.3	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397121	15.1	84.8	0.87	16.0	<2	1.5	1.01	0.64
B00397122	17.5	95.2	0.89	15.9	<2	1.6	1.00	0.65
B00397123	17.4	84.9	0.43	13.9	<2	1.4	0.99	0.59
B00397124	15.4	83.6	0.40	14.4	<2	1.4	0.91	0.60
B00397125	15.0	75.2	0.23	13.0	<2	1.2	0.95	0.60
B00397126	15.3	83.8	1.06	18.4	<2	1.5	1.00	0.71
B00397127	22.4	93.7	1.29	17.4	<2	1.6	0.96	0.67
B00397128	15.5	66.6	0.50	17.5	<2	1.3	0.98	0.64
B00397129	14.1	66.2	0.32	13.1	<2	1.2	0.81	0.50
B00397130	10.6	54.3	0.31	19.6	<2	1.3	1.04	0.67
B00397131	10.7	53.5	0.39	21.8	<2	1.4	1.03	0.72
B00397132	10.9	60.0	0.39	20.0	<2	1.4	1.08	0.71
B00397133	14.6	84.3	0.37	16.4	<2	1.4	1.04	0.65
B00397134	12.2	74.5	1.14	22.4	<2	1.6	1.09	0.70
B00397135	11.8	68.8	0.37	19.7	<2	1.4	1.22	0.76
B00397136	11.9	65.2	1.87	26.2	<2	1.5	0.87	0.70
*Rep B00397022	10.0	48.2	0.87	23.8	<2	1.4	0.83	0.68
*Rep B00397076	13.2	70.4	0.82	21.6	<2	1.5	0.93	0.70
*Rep B00397082	9.5	37.0	0.54	19.7	<2	1.4	0.74	0.71
*Rep B00397133	15.2	88.3	0.32	16.9	<2	1.4	1.06	0.65
*Std OREAS601	312	89.3	28.97	4.5	11	4.0	0.89	0.52
*Std OREAS905	29.1	125	1.82	4.8	3	3.7	1.21	0.73
*Std OREAS601	319	95.2	28.06	4.8	12	3.8	0.90	0.51
*Std OREAS601	296	92.9	28.98	4.6	11	3.9	0.93	0.52
*Std OREAS601	324	106	28.11	4.5	10	3.8	0.83	0.52
*Bik BLANK	0.8	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
*Bik BLANK	0.9	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
*Bik BLANK	0.9	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5	0.2	0.05	0.5	2	0.3	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Bik BLANK	0.9	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05

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Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397001	0.10	7.0	0.47	1.83	1.9	18.3	1.8
B00397002	0.06	5.6	0.29	1.36	1.5	19.7	1.8
B00397003	0.05	7.4	0.28	1.65	1.1	18.0	1.7
B00397004	<0.05	5.8	0.29	1.42	1.1	19.2	1.7
B00397005	<0.05	7.7	0.38	1.46	1.3	20.1	1.9
B00397006	<0.05	6.9	0.28	1.51	1.1	19.8	1.8
B00397007	0.06	4.6	0.23	1.04	0.9	19.7	1.8
B00397008	0.05	8.1	0.38	1.58	1.1	18.4	1.7
B00397009	<0.05	6.0	0.32	1.38	1.0	18.8	1.8
B00397010	<0.05	5.8	0.33	1.35	1.0	18.7	1.7
B00397011	<0.05	6.5	0.35	1.34	1.0	19.6	1.8
B00397012	<0.05	4.9	0.22	1.15	0.7	17.9	1.6
B00397013	<0.05	5.4	0.27	1.06	0.9	18.5	1.8
B00397014	<0.05	5.9	0.21	1.22	0.7	17.9	1.6
B00397015	<0.05	6.6	0.21	1.35	0.6	17.6	1.6
B00397016	<0.05	4.1	0.20	0.98	0.7	18.1	1.6
B00397017	<0.05	4.1	0.19	0.89	0.8	18.5	1.7
B00397018	<0.05	8.2	0.31	1.84	0.7	18.5	1.7
B00397019	<0.05	3.9	0.17	1.04	0.6	17.6	1.6
B00397020	<0.05	10.5	0.31	2.49	2.2	8.9	1.2
B00397021	<0.05	4.1	0.20	1.14	0.6	17.0	1.5
B00397022	<0.05	5.2	0.28	1.14	0.9	19.0	1.7
B00397023	<0.05	6.4	0.28	1.90	0.6	18.1	1.6
B00397024	0.05	6.1	0.29	1.33	0.8	19.6	1.8
B00397025	<0.05	4.7	0.20	1.07	0.6	19.1	1.7
B00397026	<0.05	6.0	0.26	1.30	0.7	18.9	1.7
B00397027	<0.05	5.7	0.26	1.37	0.7	19.5	1.7
B00397028	0.06	6.6	0.33	1.55	0.7	18.8	1.7
B00397029	<0.05	5.3	0.23	1.29	0.5	18.8	1.7
B00397030	<0.05	5.8	0.25	1.47	0.5	17.6	1.5
B00397031	<0.05	7.5	0.35	1.36	0.9	19.9	1.9
B00397032	<0.05	5.1	0.23	1.15	0.6	18.9	1.7
B00397033	<0.05	5.4	0.23	1.59	0.6	19.0	1.7
B00397034	<0.05	4.6	0.23	1.20	0.7	19.4	1.7
B00397035	<0.05	5.8	0.22	1.27	0.5	17.3	1.5
B00397036	0.09	5.7	0.31	1.35	1.4	18.7	1.7
B00397037	<0.05	4.7	0.21	1.15	0.6	17.9	1.6
B00397038	<0.05	4.4	0.23	1.13	0.7	18.7	1.7
B00397039	<0.05	5.0	0.23	1.27	0.6	18.2	1.6
B00397040	<0.05	1.2	0.20	0.35	0.1	7.5	0.7

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05 ppm	0.2 ppm	0.02 ppm	0.05 ppm	0.1 ppm	0.1 ppm	0.1 ppm
B00397041	0.06	4.5	0.21	0.97	0.7	18.5	1.6
B00397042	<0.05	6.6	0.37	1.57	1.0	18.4	1.7
B00397043	0.06	6.7	0.35	1.58	1.0	19.0	1.8
B00397044	<0.05	8.1	0.29	1.53	0.6	19.6	1.8
B00397045	<0.05	6.9	0.36	1.81	0.8	18.0	1.6
B00397046	<0.05	8.7	0.37	1.90	0.8	18.0	1.7
B00397047	<0.05	7.7	0.40	1.65	0.8	18.9	1.8
B00397048	<0.05	8.3	0.47	1.88	0.9	17.7	1.7
B00397049	<0.05	6.9	0.35	1.55	0.9	18.7	1.8
B00397050	<0.05	5.9	0.36	1.68	0.9	16.6	1.5
B00397051	<0.05	9.0	0.37	1.78	0.8	19.0	1.6
B00397052	0.09	6.8	0.34	1.77	0.5	12.1	1.1
B00397053	<0.05	7.9	0.37	2.09	0.6	16.4	1.5
B00397054	<0.05	8.2	0.34	1.98	0.5	17.0	1.5
B00397055	<0.05	8.5	0.37	1.82	0.8	20.1	1.8
B00397056	<0.05	9.2	0.39	1.93	1.2	19.9	1.9
B00397057	<0.05	8.2	0.38	1.60	0.8	18.3	1.7
B00397058	<0.05	5.3	0.24	1.10	0.6	17.8	1.7
B00397059	<0.05	7.9	0.35	1.69	0.7	17.1	1.6
B00397060	<0.05	7.2	0.37	1.56	0.7	16.8	1.6
B00397061	0.05	6.3	0.29	1.34	0.6	16.3	1.5
B00397062	<0.05	9.4	0.44	1.92	0.5	15.2	1.4
B00397063	<0.05	9.3	0.45	1.73	0.7	17.7	1.6
B00397064	0.13	10.4	0.43	1.89	1.2	19.0	1.8
B00397065	0.07	10.3	0.42	1.94	1.1	17.2	1.6
B00397066	<0.05	10.3	0.49	2.16	1.0	17.6	1.7
B00397067	<0.05	8.7	0.42	1.78	1.0	16.7	1.7
B00397068	<0.05	9.9	0.42	2.18	1.0	17.3	1.6
B00397069	<0.05	7.1	0.29	1.55	0.7	16.8	1.5
B00397070	<0.05	6.2	0.28	1.35	0.5	15.6	1.5
B00397071	<0.05	6.6	0.32	1.59	0.7	16.4	1.5
B00397072	<0.05	6.6	0.28	1.48	0.6	16.5	1.6
B00397073	<0.05	4.8	0.33	1.34	0.8	13.7	1.5
B00397074	<0.05	8.2	0.35	1.70	0.6	16.8	1.6
B00397075	<0.05	6.8	0.33	1.74	0.6	17.1	1.6
B00397076	<0.05	7.7	0.36	1.50	0.8	18.8	1.7
B00397077	0.12	7.4	0.35	1.71	0.8	18.4	1.9
B00397078	0.05	5.8	0.27	1.38	0.6	17.5	1.7
B00397079	<0.05	5.7	0.21	1.43	0.7	18.9	1.6
B00397080	0.06	13.8	0.23	2.32	1.4	8.6	1.1

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397081	<0.05	9.1	0.34	1.97	0.7	17.6	1.5
B00397082	<0.05	4.8	0.19	1.13	1.0	20.2	1.8
B00397083	<0.05	6.9	0.28	1.70	0.7	18.5	1.7
B00397084	<0.05	6.9	0.28	1.69	0.7	17.8	1.6
B00397085	<0.05	8.1	0.33	1.95	0.6	18.5	1.7
B00397086	0.09	5.3	0.20	1.51	0.9	18.9	1.8
B00397087	0.06	7.4	0.28	1.71	0.7	18.2	1.6
B00397088	0.05	10.1	0.35	2.18	0.6	19.6	1.7
B00397089	<0.05	10.3	0.41	2.39	0.6	18.9	1.6
B00397090	0.09	7.7	0.31	1.79	0.8	19.3	1.7
B00397091	0.09	6.6	0.26	1.63	0.9	18.3	1.6
B00397092	0.10	5.9	0.22	1.73	0.8	20.6	1.8
B00397093	0.11	6.9	0.22	1.69	0.7	19.1	1.7
B00397094	0.09	8.9	0.32	2.11	0.6	21.7	1.9
B00397095	0.09	7.4	0.24	2.08	0.7	19.7	1.8
B00397096	0.16	6.7	0.26	1.69	0.9	20.5	1.8
B00397097	<0.05	9.4	0.38	2.28	0.6	19.2	1.7
B00397098	<0.05	9.4	0.33	2.43	0.6	20.1	1.8
B00397099	0.22	5.4	0.18	1.39	0.7	17.0	1.6
B00397100	<0.05	1.4	0.22	0.33	0.1	6.2	0.6
B00397101	<0.05	8.7	0.30	2.06	0.5	21.5	1.8
B00397102	<0.05	10.6	0.45	2.71	0.6	18.3	1.7
B00397103	<0.05	10.0	0.34	2.43	0.6	21.8	1.8
B00397104	<0.05	8.6	0.30	2.34	0.6	19.9	1.6
B00397105	<0.05	8.3	0.29	2.04	0.5	19.2	1.6
B00397106	<0.05	10.0	0.31	2.37	0.6	19.3	1.7
B00397107	<0.05	10.2	0.40	2.74	0.6	18.2	1.6
B00397108	<0.05	9.5	0.30	2.47	0.5	20.2	1.7
B00397109	0.12	6.3	0.21	1.77	0.8	20.0	1.8
B00397110	<0.05	8.0	0.33	2.68	0.6	17.7	1.6
B00397111	<0.05	9.5	0.34	2.26	0.5	17.9	1.6
B00397112	0.05	9.2	0.33	2.29	0.8	18.4	1.6
B00397113	<0.05	10.3	0.36	2.04	1.2	19.9	1.7
B00397114	<0.05	10.5	0.37	2.13	0.5	18.4	1.6
B00397115	<0.05	9.7	0.34	2.13	0.6	19.1	1.6
B00397116	<0.05	8.4	0.35	1.95	0.5	18.5	1.7
B00397117	<0.05	8.4	0.36	1.91	0.5	15.7	1.4
B00397118	<0.05	16.5	0.39	2.52	0.7	17.9	1.7
B00397119	0.06	10.3	0.49	2.34	1.0	20.1	2.0
B00397120	0.06	10.0	0.50	2.29	1.2	19.8	1.9

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Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397121	<0.05	9.1	0.39	2.06	0.9	15.9	1.5
B00397122	<0.05	10.3	0.45	2.35	0.9	16.0	1.5
B00397123	<0.05	9.5	0.44	2.35	0.5	14.4	1.3
B00397124	<0.05	8.5	0.37	2.20	0.5	15.1	1.4
B00397125	<0.05	7.9	0.33	1.98	0.4	15.6	1.4
B00397126	<0.05	9.5	0.42	1.94	0.7	18.3	1.7
B00397127	0.10	10.0	0.84	2.85	0.8	16.8	1.6
B00397128	<0.05	9.8	0.35	2.27	0.5	17.2	1.6
B00397129	<0.05	7.0	0.31	1.73	0.4	13.0	1.2
B00397130	<0.05	5.9	0.24	1.43	0.5	17.9	1.6
B00397131	<0.05	6.3	0.25	1.38	0.5	19.7	1.9
B00397132	<0.05	8.1	0.26	1.80	0.5	19.0	1.7
B00397133	<0.05	8.8	0.39	1.64	0.6	16.8	1.6
B00397134	<0.05	7.5	0.34	1.60	0.9	19.0	1.8
B00397135	0.06	7.7	0.29	1.62	0.6	19.9	1.8
B00397136	0.06	6.4	0.29	1.24	0.9	18.7	1.9
*Rep B00397022	<0.05	5.4	0.28	1.13	0.9	18.8	1.7
*Rep B00397076	0.05	7.8	0.35	1.51	0.6	19.1	1.7
*Rep B00397082	<0.05	5.0	0.19	1.17	0.7	19.5	1.8
*Rep B00397133	<0.05	9.4	0.38	1.72	0.5	17.4	1.6
*Std OREAS601	15.27	10.4	1.13	3.63	5.6	10.7	0.6
*Std OREAS905	0.07	12.9	0.65	4.39	2.7	14.5	0.6
*Std OREAS601	14.61	10.5	1.11	3.51	5.4	10.8	0.6
*Std OREAS601	14.50	11.0	1.12	3.71	5.4	10.8	0.6
*Std OREAS601	15.55	10.8	1.09	3.62	5.2	10.6	0.6
*Bik BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1
*Bik BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1
*Bik BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1
Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Bik BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1

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Certificate of Analysis
Work Order : VC192288
[Report File No.: 0000037904]

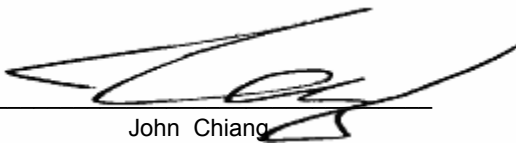
Date: January 30, 2020

To: ARNAUD FONTAINE
 ORFORD MINING CORP
 141 ADELAIDE ST W
 SUITE 1608
 TORONTO ON M5H 3L5

P.O. No.: QK-19-TILL-01/ 302 Sediments (137-302)
Project No.: QK-19-TILL-01
Samples: 166
Received: Dec 6, 2019
Pages: Page 1 to 36
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
166	G_LOG02	Pre-preparation processing, sorting, logging, boxing
166	G_WGH79	Weighing of samples and reporting of weights
166	G_PRP104	weigh, dry @60C, screen -80mesh (180µm), <1kg (soils)
166	G_SCR31	Dry Screening to -180microns, >1kg
166	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
166	ZMS_ICM40B	Package - GE_ICM40B (GE_IC40A+GE_IC40M)
166	GE_IC40A	Multi-acid (4-acid) digestion/ICP-AES finish
166	GE_IC40M	Multi-acid (4-acid) digestion/ICP-MS finish

Certified By : 
 John Chiang
 Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01 kg	0 kg	0.01 kg	1 ppb	10 ppb	1 ppb	0.02 ppm	0.01 %
B00397401	0.935	0.935	0.94	3	<10	2	<0.02	7.06
B00397402	1.555	1.555	1.56	2	<10	2	<0.02	7.25
B00397403	1.795	1.795	1.80	<1	<10	3	0.06	7.33
B00397404	0.840	0.84	0.84	2	<10	1	0.04	7.30
B00397405	1.055	1.055	1.06	<1	<10	1	<0.02	7.49
B00397406	0.840	0.84	0.84	6	<10	2	0.02	7.15
B00397407	1.115	1.115	1.12	<1	<10	1	0.05	7.23
B00397408	1.615	1.615	1.62	<1	<10	2	0.03	7.53
B00397409	1.145	1.145	1.15	3	<10	2	0.03	7.01
B00397410	1.440	1.44	1.44	4	<10	5	0.03	7.26
B00397411	0.750	0.75	0.75	3	<10	1	<0.02	7.10
B00397412	1.065	1.065	1.07	5	<10	2	0.04	6.97
B00397413	0.630	0.63	0.63	1	<10	2	0.03	7.55
B00397414	0.800	0.8	0.80	8	<10	2	<0.02	6.74
B00397415	1.080	1.08	1.08	5	<10	2	0.04	7.40
B00397416	1.255	1.255	1.26	4	<10	2	0.05	6.89
B00397417	0.800	0.8	0.80	<1	<10	1	0.04	7.30
B00397418	0.780	0.78	0.78	<1	<10	1	<0.02	6.89
B00397419	1.455	1.455	1.46	3	<10	2	<0.02	6.75
B00397420	0.195	0.195	0.20	<1	<10	<1	0.02	6.73
B00397421	0.840	0.84	0.84	3	<10	1	0.04	7.43
B00397422	0.670	0.67	0.67	<1	<10	2	0.05	6.54
B00397423	0.875	0.875	0.88	3	<10	2	<0.02	7.35
B00397424	1.240	1.24	1.24	<1	<10	2	<0.02	6.75
B00397425	1.305	1.305	1.31	4	<10	2	<0.02	7.05
B00397426	1.100	1.1	1.10	<1	<10	1	0.08	7.10
B00397427	1.010	1.01	1.01	2	<10	2	<0.02	7.36
B00397428	0.715	0.715	0.72	6	<10	2	<0.02	6.82
B00397429	0.870	0.87	0.87	<1	<10	2	0.04	7.50
B00397430	1.300	1.3	1.30	2	<10	2	0.02	7.15
B00397431	1.475	1.475	1.48	<1	<10	2	0.04	7.05
B00397432	1.215	1.215	1.22	<1	<10	2	0.05	7.43
B00397433	0.740	0.74	0.74	<1	<10	2	0.04	6.73
B00397434	0.680	0.68	0.68	1	<10	2	<0.02	6.92
B00397435	0.905	0.905	0.91	<1	<10	2	0.02	6.35
B00397436	1.040	1.04	1.04	<1	<10	2	<0.02	7.42
B00397437	0.765	0.765	0.77	<1	<10	2	0.05	6.55
B00397438	0.810	0.81	0.81	<1	<10	2	0.02	6.75
B00397439	0.855	0.855	0.86	<1	<10	2	0.04	7.15
B00397440	0.070	0.07	0.07	379	<10	1	0.47	7.44

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01	0	0.01	1	10	1	0.02	0.01
	kg	kg	kg	ppb	ppb	ppb	ppm	%
B00397441	1.015	1.015	1.02	<1	<10	1	<0.02	7.20
B00397442	1.250	1.25	1.25	<1	<10	1	0.04	7.07
B00397443	1.075	1.075	1.08	3	<10	1	0.07	7.02
B00397444	1.450	1.45	1.45	<1	<10	2	<0.02	7.34
B00397445	0.880	0.88	0.88	2	<10	2	<0.02	7.10
B00397446	1.200	1.2	1.20	<1	<10	2	0.02	7.14
B00397447	0.895	0.895	0.90	2	<10	3	0.06	7.67
B00397448	0.895	0.895	0.90	2	<10	2	<0.02	7.46
B00397449	0.845	0.845	0.85	7	<10	1	<0.02	7.66
B00397451	0.765	0.765	0.77	5	<10	1	<0.02	7.49
B00397452	0.900	0.9	0.90	5	<10	1	<0.02	7.82
B00397453	1.185	1.185	1.19	5	<10	2	<0.02	7.71
B00397454	1.080	1.08	1.08	<1	<10	<1	<0.02	7.05
B00397455	0.880	0.88	0.88	3	<10	1	<0.02	6.63
B00397456	0.995	0.995	1.00	<1	<10	<1	<0.02	6.99
B00397457	1.240	1.24	1.24	2	<10	<1	0.05	6.80
B00397458	1.240	1.24	1.24	2	<10	<1	<0.02	7.32
B00397459	0.840	0.84	0.84	<1	<10	1	<0.02	7.26
B00397460	0.610	0.61	0.61	<1	<10	2	0.02	7.05
B00397461	1.005	1.005	1.01	6	<10	1	<0.02	7.38
B00397462	1.435	1.435	1.44	7	<10	<1	<0.02	7.31
B00397463	1.455	1.455	1.46	1	<10	1	0.04	7.52
B00397464	1.195	1.195	1.20	<1	<10	<1	<0.02	7.26
B00397465	1.195	1.195	1.20	<1	<10	<1	<0.02	7.74
B00397466	1.310	1.31	1.31	<1	<10	<1	<0.02	6.80
B00397467	1.175	1.175	1.18	1	<10	1	0.03	7.05
B00397468	1.415	1.415	1.42	11	<10	<1	<0.02	7.18
B00397469	1.200	1.2	1.20	<1	<10	<1	0.02	7.50
B00397470	1.340	1.34	1.34	<1	<10	<1	<0.02	7.79
B00397471	1.010	1.01	1.01	<1	<10	<1	<0.02	7.73
B00397472	0.970	0.97	0.97	<1	<10	<1	<0.02	6.90
B00397473	1.315	1.315	1.32	1	<10	<1	<0.02	7.00
B00397474	1.400	1.4	1.40	<1	<10	<1	<0.02	7.22
B00397475	1.225	1.225	1.23	1	<10	<1	<0.02	6.88
B00397476	1.460	1.46	1.46	1	<10	<1	<0.02	7.05
B00397477	1.585	1.585	1.59	<1	<10	<1	<0.02	7.76
B00397478	1.500	1.5	1.50	<1	<10	<1	0.03	7.11
B00397479	1.555	1.555	1.56	3	<10	<1	<0.02	7.66
B00397480	0.220	0.22	0.22	<1	<10	<1	<0.02	6.51
B00397481	1.270	1.27	1.27	<1	<10	<1	<0.02	7.65

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01	0	0.01	1	10	1	0.02	0.01
	kg	kg	kg	ppb	ppb	ppb	ppm	%
B00397482	1.485	1.485	1.49	12	<10	4	0.03	7.37
B00397483	1.135	1.135	1.14	8	<10	3	0.04	7.89
B00397484	1.880	1.88	1.88	6	<10	3	0.04	7.94
B00397485	1.085	1.085	1.09	11	<10	3	0.05	7.32
B00397486	1.650	1.65	1.65	16	<10	3	0.06	8.31
B00397487	1.445	1.445	1.45	<1	<10	3	<0.02	7.50
B00397488	1.580	1.58	1.58	34	<10	3	<0.02	7.16
B00397489	1.535	1.535	1.54	3	<10	2	0.05	8.15
B00397490	1.180	1.18	1.18	4	<10	4	0.20	9.31
B00397491	1.415	1.415	1.42	5	<10	2	0.03	7.07
B00397492	1.290	1.29	1.29	<1	<10	2	0.05	7.56
B00397493	2.135	2.135	2.14	5	<10	4	<0.02	6.83
B00397494	1.665	1.665	1.67	2	<10	2	0.05	6.96
B00397495	1.250	1.25	1.25	4	<10	3	<0.02	7.22
B00397496	1.220	1.22	1.22	4	<10	3	0.03	7.71
B00397497	1.090	1.09	1.09	6	<10	3	0.04	7.29
B00397498	1.250	1.25	1.25	<1	<10	3	0.04	6.74
B00397499	1.315	1.315	1.32	4	<10	2	0.03	6.85
B00397500	0.070	0.07	0.07	21	52	36	0.13	8.03
B00397501	1.505	1.505	1.51	6	<10	3	<0.02	7.42
B00397502	1.450	1.45	1.45	6	<10	3	0.04	7.14
B00397503	1.180	1.18	1.18	18	<10	3	0.05	7.87
B00397504	1.180	1.18	1.18	9	<10	3	0.06	7.75
B00397505	1.290	1.29	1.29	16	<10	3	0.07	7.28
B00397506	1.445	1.445	1.45	8	<10	1	<0.02	6.76
B00397507	1.545	1.545	1.55	<1	<10	2	<0.02	7.60
B00397508	1.505	1.505	1.51	<1	<10	2	<0.02	7.10
B00397509	1.500	1.5	1.50	12	<10	4	<0.02	7.50
B00397510	1.370	1.37	1.37	2	<10	2	<0.02	7.43
B00397511	1.540	1.54	1.54	11	<10	2	0.03	7.25
B00397512	1.015	1.015	1.02	31	<10	2	0.03	6.92
B00397513	1.365	1.365	1.37	4	<10	3	0.03	6.90
B00397514	1.330	1.33	1.33	8	<10	4	0.05	7.63
B00397515	0.995	0.995	1.00	5	<10	4	<0.02	7.39
B00397516	1.245	1.245	1.25	<1	<10	<1	0.03	7.72
B00397517	1.430	1.43	1.43	1	<10	1	0.06	7.82
B00397518	1.250	1.25	1.25	<1	<10	1	0.04	7.86
B00397519	0.640	0.64	0.64	<1	<10	<1	0.02	7.83
B00397520	0.570	0.57	0.57	<1	<10	<1	<0.02	7.81
B00397521	1.765	1.765	1.77	1	<10	<1	0.03	7.65

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79	G_PRP104	G_SCR31	GE_FAI313	GE_FAI313	GE_FAI313	GE_ICM40B	GE_ICM40B
	0.01 kg	0 kg	0.01 kg	1 ppb	10 ppb	1 ppb	0.02 ppm	0.01 %
B00397522	1.330	1.33	1.33	<1	<10	<1	0.02	7.43
B00397523	1.405	1.405	1.41	12	<10	1	<0.02	7.99
B00397524	1.285	1.285	1.29	<1	<10	1	0.05	7.80
B00397525	1.310	1.31	1.31	<1	<10	1	0.04	7.79
B00397526	1.110	1.11	1.11	1	<10	1	0.04	7.82
B00397527	1.275	1.275	1.28	<1	<10	<1	<0.02	7.48
B00397528	1.185	1.185	1.19	1	<10	1	0.02	7.84
B00397529	1.370	1.37	1.37	<1	<10	1	0.06	7.81
B00397530	1.510	1.51	1.51	<1	<10	1	<0.02	8.11
B00397531	1.500	1.5	1.50	<1	<10	<1	0.05	7.90
B00397532	1.405	1.405	1.41	<1	<10	<1	<0.02	7.47
B00397533	1.295	1.295	1.30	<1	<10	<1	<0.02	7.70
B00397801	1.005	1.005	1.01	1	<10	<1	<0.02	8.37
B00397802	0.605	0.605	0.61	<1	<10	<1	<0.02	7.50
B00397803	0.755	0.755	0.76	<1	<10	<1	<0.02	8.10
B00397804	1.120	1.12	1.12	<1	<10	1	<0.02	7.92
B00397805	0.720	0.72	0.72	<1	<10	<1	<0.02	8.28
B00397806	0.690	0.69	0.69	<1	<10	<1	<0.02	7.71
B00397807	0.565	0.565	0.57	<1	<10	<1	<0.02	7.88
B00397808	0.680	0.68	0.68	<1	<10	<1	<0.02	7.62
B00397809	0.590	0.59	0.59	<1	<10	<1	<0.02	8.06
B00397810	0.810	0.81	0.81	2	<10	<1	<0.02	7.47
B00397811	0.755	0.755	0.76	9	<10	<1	<0.02	7.83
B00397812	0.825	0.825	0.83	<1	<10	<1	<0.02	7.90
B00397813	1.115	1.115	1.12	<1	<10	<1	<0.02	8.24
B00397814	0.790	0.79	0.79	<1	<10	<1	<0.02	7.81
B00397815	0.920	0.92	0.92	<1	<10	<1	<0.02	7.93
B00397816	0.935	0.935	0.94	<1	<10	<1	<0.02	7.67
B00397817	0.825	0.825	0.83	<1	<10	<1	<0.02	7.72
B00397818	1.195	1.195	1.20	<1	<10	<1	<0.02	7.57
B00397819	1.215	1.215	1.22	<1	<10	<1	<0.02	8.44
B00397820	0.070	0.07	0.07	<1	<10	<1	<0.02	9.62
B00397821	1.120	1.12	1.12	<1	<10	<1	<0.02	7.55
B00397822	0.910	0.91	0.91	<1	<10	<1	<0.02	7.50
B00397823	1.100	1.1	1.10	4	<10	2	0.04	7.93
B00397824	0.920	0.92	0.92	8	<10	1	0.04	7.25
B00397825	0.850	0.85	0.85	9	<10	3	0.08	7.74
B00397826	1.045	1.045	1.05	3	<10	2	0.06	7.69
B00397827	1.255	1.255	1.26	6	<10	2	0.07	7.93
B00397828	1.015	1.015	1.02	1	<10	3	<0.02	7.90

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Element Method Det.Lim. Units	WtKg	Wt	Wt	Au@	Pt@	Pd@	@Ag	@Al
	G_WGH79 0.01 kg	G_PRP104 0 kg	G_SCR31 0.01 kg	GE_FAI313 1 ppb	GE_FAI313 10 ppb	GE_FAI313 1 ppb	GE_ICM40B 0.02 ppm	GE_ICM40B 0.01 %
B00397829	0.860	0.86	0.86	2	<10	2	<0.02	7.39
B00397830	0.830	0.83	0.83	4	<10	2	<0.02	7.23
B00397831	0.815	0.815	0.82	2	<10	2	<0.02	7.73
B00397832	0.840	0.84	0.84	15	<10	3	<0.02	7.62
B00397833	0.845	0.845	0.85	6	<10	2	0.03	7.49
B00397834	0.905	0.905	0.91	16	<10	3	0.02	7.05
*Rep B00397404							<0.02	6.80
*Rep B00397508							0.06	7.49
*Rep B00397527							<0.02	7.63
*Rep B00397823							<0.02	8.12
*Std OREAS601							58.11	6.40
*Std OREAS601							57.61	6.76
*Std OREAS905							0.47	7.29
*Std OREAS601							56.35	6.87
*Std OREAS905							0.44	7.09
*Std OREAS601							56.00	6.85
*Std OREAS905							0.17	7.24
*Std OREAS601							54.30	6.86
*Std OREAS905							<0.02	7.59
*Blk BLANK							<0.02	<0.01
*Blk BLANK							<0.02	0.01
*Blk BLANK							<0.02	<0.01
*Blk BLANK							<0.02	<0.01
*Rep B00397421				2	<10	1		
*Rep B00397443				2	<10	2		
*Rep B00397453				3	<10	<1		
*Rep B00397483				9	<10	2		
*Rep B00397519				<1	<10	<1		
*Rep B00397529				<1	<10	2		
*Rep B00397823				7	<10	2		
*Std PGMS-27				4437	1263	2043		
*Std PGMS-27				4776	1211	2017		
*Std PGMS-27				4620	1301	2036		
*Std PGMS-27				4741	1190	1904		
*Blk BLANK				<1	<10	<1		
*Blk BLANK				<1	<10	1		
*Blk BLANK				<1	<10	<1		
*Blk BLANK				<1	<10	<1		
*Blk BLANK				<1	<10	<1		

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.01	1	0.5	0.01	0.01	1	0.01
	ppm	%	ppm	ppm	%	%	ppm	%
B00397401	398	2.57	321	48.2	5.45	1.24	18	2.09
B00397402	414	2.46	319	49.5	5.55	1.28	20	2.04
B00397403	522	1.67	260	78.7	7.11	1.34	32	2.24
B00397404	446	2.17	240	49.9	5.70	1.41	23	2.00
B00397405	449	2.06	248	44.3	5.97	1.30	23	2.02
B00397406	392	2.41	254	49.0	5.73	1.21	20	2.13
B00397407	544	1.75	93	30.3	4.81	1.56	27	1.34
B00397408	442	2.39	267	57.5	6.44	1.43	24	2.19
B00397409	469	2.20	232	45.5	5.63	1.35	25	1.92
B00397410	409	2.50	263	54.1	6.12	1.31	21	2.16
B00397411	419	2.36	187	52.8	5.64	1.35	19	1.72
B00397412	460	2.25	249	51.3	6.11	1.30	23	2.08
B00397413	433	2.51	273	58.4	6.18	1.51	24	2.33
B00397414	420	2.32	238	45.1	5.39	1.39	21	1.99
B00397415	443	2.21	229	44.4	5.86	1.48	24	1.91
B00397416	456	2.23	241	56.9	6.25	1.38	24	2.08
B00397417	468	2.17	172	36.6	5.32	1.46	23	1.70
B00397418	468	2.04	185	49.5	6.13	1.38	24	1.76
B00397419	430	2.37	219	46.8	5.95	1.42	22	1.95
B00397420	389	1.80	24	6.6	1.42	1.28	7	0.54
B00397421	470	1.97	197	44.7	5.41	1.44	25	1.70
B00397422	451	2.03	199	44.2	5.76	1.41	23	1.72
B00397423	408	2.34	278	49.2	5.89	1.33	22	2.11
B00397424	411	2.46	292	53.8	6.03	1.31	22	2.29
B00397425	368	2.68	301	45.1	5.82	1.21	19	2.33
B00397426	539	1.58	136	55.0	5.57	1.58	28	1.49
B00397427	401	2.39	338	55.4	6.48	1.30	23	2.50
B00397428	388	2.24	293	44.1	5.96	1.24	21	2.10
B00397429	472	2.17	209	56.2	5.99	1.52	26	1.80
B00397430	396	2.41	295	47.7	5.91	1.32	21	2.15
B00397431	506	1.88	219	49.6	5.77	1.58	28	1.86
B00397432	510	2.07	223	44.4	5.85	1.61	25	1.91
B00397433	494	1.81	198	52.4	5.99	1.50	26	1.72
B00397434	505	1.95	198	48.8	5.96	1.47	26	1.77
B00397435	479	2.06	239	54.6	5.97	1.40	25	1.86
B00397436	477	2.28	280	50.4	6.41	1.43	25	2.12
B00397437	438	2.29	265	42.3	5.69	1.35	21	1.95
B00397438	502	1.75	126	41.2	5.30	1.58	24	1.47
B00397439	451	2.32	228	54.3	5.99	1.52	23	2.04
B00397440	2795	0.62	17	1584	4.30	2.99	20	0.31

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.01	1	0.5	0.01	0.01	1	0.01
	ppm	%	ppm	ppm	%	%	ppm	%
B00397441	482	1.94	165	43.7	5.58	1.71	25	1.68
B00397442	536	1.58	128	41.3	4.95	1.97	26	1.43
B00397443	500	1.85	186	45.2	5.13	1.81	25	1.60
B00397444	498	2.12	232	58.3	6.42	1.68	26	2.20
B00397445	421	2.43	262	45.3	5.91	1.32	20	2.01
B00397446	457	2.16	276	50.5	6.03	1.50	22	2.12
B00397447	470	2.11	294	71.4	6.72	1.48	25	2.43
B00397448	469	2.30	260	46.5	6.43	1.52	23	2.04
B00397449	400	3.04	158	60.3	6.09	1.15	18	2.23
B00397451	398	2.57	184	68.2	7.18	1.17	19	2.19
B00397452	444	2.78	117	54.2	5.36	1.34	17	1.79
B00397453	501	2.43	111	36.2	4.60	1.52	18	1.46
B00397454	445	1.87	120	13.5	4.66	1.34	13	1.16
B00397455	450	2.20	89	63.4	3.91	1.31	15	1.26
B00397456	458	2.19	122	40.4	4.92	1.34	21	1.53
B00397457	508	2.41	104	30.5	4.29	1.46	17	1.35
B00397458	497	2.28	124	48.6	4.94	1.48	20	1.71
B00397459	527	2.19	158	40.1	4.49	1.54	22	1.69
B00397460	509	2.09	171	48.8	4.42	1.50	23	1.75
B00397461	419	2.42	174	66.0	5.70	1.25	19	2.16
B00397462	444	2.70	101	28.4	4.48	1.31	15	1.44
B00397463	557	2.36	100	41.6	4.35	1.66	17	1.41
B00397464	499	2.67	69	25.7	4.19	1.44	15	1.38
B00397465	551	2.43	98	29.8	4.61	1.62	20	1.47
B00397466	501	1.99	110	26.8	4.61	1.47	20	1.41
B00397467	473	2.66	148	46.7	5.04	1.38	17	1.76
B00397468	489	2.28	142	42.1	5.00	1.57	19	1.76
B00397469	619	2.21	52	21.9	3.68	1.83	21	1.08
B00397470	614	1.91	82	26.5	4.40	1.83	26	1.28
B00397471	615	2.02	69	28.0	4.20	1.86	25	1.26
B00397472	590	2.08	73	18.6	3.96	1.75	23	1.16
B00397473	566	2.22	76	39.8	4.19	1.71	23	1.34
B00397474	618	1.86	78	40.0	4.48	1.91	27	1.30
B00397475	555	2.27	75	24.4	3.90	1.64	20	1.19
B00397476	549	2.36	79	28.9	4.14	1.64	21	1.29
B00397477	601	2.05	79	29.7	4.09	1.84	24	1.30
B00397478	596	2.15	96	28.9	4.17	1.79	24	1.27
B00397479	569	2.06	77	34.3	4.40	1.74	25	1.40
B00397480	411	1.77	30	5.9	1.44	1.34	7	0.50
B00397481	578	2.02	90	32.5	4.79	1.74	26	1.37

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.01	1	0.5	0.01	0.01	1	0.01
	ppm	%	ppm	ppm	%	%	ppm	%
B00397482	387	2.80	432	95.6	7.31	1.20	24	3.28
B00397483	404	2.19	249	83.2	7.64	1.22	23	2.62
B00397484	385	2.07	335	97.4	7.83	1.14	22	2.73
B00397485	361	2.93	363	69.4	6.47	1.10	19	2.84
B00397486	454	2.45	254	99.0	7.76	1.30	24	2.52
B00397487	441	1.72	249	132	5.95	1.42	25	1.90
B00397488	506	2.25	334	76.7	6.70	1.56	23	2.65
B00397489	418	1.72	177	75.9	7.31	1.33	25	1.82
B00397490	477	1.33	358	194	8.06	1.53	38	2.79
B00397491	412	2.10	226	64.9	5.63	1.38	22	1.80
B00397492	488	2.30	226	87.0	5.97	1.63	26	2.18
B00397493	364	3.38	481	92.4	7.26	1.11	22	3.42
B00397494	514	2.11	200	54.8	5.59	1.81	26	1.96
B00397495	430	2.51	300	88.5	6.94	1.43	25	2.66
B00397496	448	2.36	266	79.4	6.36	1.50	23	2.38
B00397497	442	2.44	259	93.9	6.95	1.37	23	2.52
B00397498	485	2.26	240	53.8	5.17	1.54	22	1.93
B00397499	401	2.58	187	64.7	5.99	1.31	20	2.19
B00397500	183	0.19	609	361	14.5	0.42	22	0.29
B00397501	449	2.40	239	75.5	6.42	1.44	23	2.29
B00397502	451	2.48	308	89.8	6.92	1.39	24	2.54
B00397503	427	2.37	324	101	7.55	1.40	25	2.72
B00397504	457	2.43	244	101	7.33	1.48	24	2.49
B00397505	447	2.30	280	106	7.26	1.43	23	2.43
B00397506	453	2.32	217	55.6	5.66	1.38	20	2.04
B00397507	516	2.20	262	51.7	6.20	1.65	25	2.22
B00397508	515	2.30	267	51.5	5.79	1.63	23	2.23
B00397509	404	2.30	273	93.5	7.85	1.24	23	2.59
B00397510	416	2.39	272	71.9	6.83	1.31	22	2.35
B00397511	407	2.34	252	48.2	5.67	1.33	19	2.04
B00397512	376	2.56	252	55.1	6.32	1.16	19	2.16
B00397513	359	2.38	236	79.8	7.35	1.13	19	2.31
B00397514	334	3.10	269	107	8.02	1.08	20	2.59
B00397515	385	2.32	266	93.8	7.74	1.20	23	2.49
B00397516	532	1.70	127	38.8	4.79	1.90	25	1.35
B00397517	531	1.72	97	53.8	5.34	1.97	27	1.41
B00397518	618	1.46	103	31.7	4.23	2.03	24	1.14
B00397519	541	1.50	112	39.9	4.94	1.94	27	1.36
B00397520	536	1.48	113	38.9	4.95	1.94	26	1.37
B00397521	561	1.63	98	37.9	4.52	1.91	25	1.26

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.01	1	0.5	0.01	0.01	1	0.01
	ppm	%	ppm	ppm	%	%	ppm	%
B00397522	548	1.56	110	40.7	4.80	1.97	25	1.36
B00397523	445	1.94	226	33.8	5.43	1.62	23	1.38
B00397524	544	1.66	140	52.0	5.17	1.99	26	1.51
B00397525	535	1.59	119	50.3	5.13	1.99	30	1.50
B00397526	577	1.52	147	49.8	5.33	2.04	29	1.56
B00397527	521	1.57	116	38.6	4.60	1.85	24	1.30
B00397528	575	1.62	114	43.8	4.82	2.08	27	1.34
B00397529	595	1.46	104	46.2	5.34	2.12	29	1.41
B00397530	495	1.77	186	47.5	6.18	1.62	25	1.60
B00397531	562	1.63	131	47.3	5.01	2.08	26	1.40
B00397532	542	1.50	107	38.0	4.42	1.98	25	1.22
B00397533	577	1.33	118	43.3	4.76	2.16	27	1.32
B00397801	505	2.33	82	62.6	4.36	1.53	20	1.31
B00397802	511	2.28	83	32.0	4.07	1.51	19	1.28
B00397803	573	2.12	97	51.2	4.86	1.80	25	1.49
B00397804	559	2.02	93	57.4	4.91	1.67	24	1.44
B00397805	544	2.18	77	33.9	4.41	1.65	26	1.27
B00397806	565	2.18	75	30.8	4.15	1.76	24	1.16
B00397807	558	2.09	79	69.9	4.63	1.76	25	1.31
B00397808	543	2.17	75	23.4	4.08	1.69	21	1.20
B00397809	543	2.14	68	23.0	3.73	1.69	19	1.09
B00397810	519	2.17	75	26.3	3.94	1.58	20	1.16
B00397811	530	2.38	73	82.3	4.63	1.64	20	1.30
B00397812	558	2.04	104	53.5	4.96	1.68	27	1.53
B00397813	605	1.79	110	57.5	5.85	1.87	29	1.58
B00397814	539	2.13	103	37.1	4.91	1.65	25	1.44
B00397815	565	2.12	121	37.2	4.67	1.62	25	1.44
B00397816	526	2.02	92	61.5	4.86	1.54	25	1.41
B00397817	535	2.16	96	40.3	4.46	1.65	24	1.30
B00397818	521	2.23	79	69.5	4.29	1.62	19	1.22
B00397819	573	1.94	74	32.3	3.94	1.71	23	1.13
B00397820	142	0.28	123	30.8	6.80	0.48	37	0.33
B00397821	552	2.10	74	30.0	3.91	1.81	26	1.18
B00397822	552	2.16	67	25.1	3.86	1.81	23	1.10
B00397823	472	1.95	356	84.2	6.67	1.81	29	2.23
B00397824	413	2.14	268	61.9	5.66	1.61	24	1.88
B00397825	419	2.13	340	114	6.84	1.52	28	2.56
B00397826	468	2.13	235	83.2	6.15	1.77	28	2.04
B00397827	411	2.39	241	120	7.14	1.51	27	2.35
B00397828	386	2.56	445	103	6.76	1.38	26	3.02

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Element Method Det.Lim. Units	@Ba	@Ca	@Cr	@Cu	@Fe	@K	@Li	@Mg
	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.5 ppm	GE_ICM40B 0.01 %	GE_ICM40B 0.01 %	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %
B00397829	405	2.51	374	62.7	5.71	1.41	23	2.57
B00397830	351	2.71	414	59.4	5.75	1.25	20	2.70
B00397831	357	2.63	452	65.5	5.68	1.29	21	2.80
B00397832	399	2.44	388	92.4	6.47	1.41	27	2.82
B00397833	327	2.92	430	49.8	5.56	1.17	18	2.60
B00397834	362	2.84	402	60.2	5.48	1.27	20	2.73
*Rep B00397404	434	2.15	237	48.8	5.74	1.22	23	2.03
*Rep B00397508	506	2.23	295	50.4	5.83	1.62	23	2.24
*Rep B00397527	535	1.65	123	38.7	4.63	1.92	25	1.35
*Rep B00397823	489	1.97	317	86.8	6.70	1.88	29	2.26
*Std OREAS601	1764	1.31	38	997	2.52	2.13	21	0.39
*Std OREAS601	591	1.28	38	1004	2.54	2.17	21	0.42
*Std OREAS905	2713	0.64	15	1550	4.34	2.95	20	0.31
*Std OREAS601	516	1.30	33	1026	2.61	2.15	21	0.41
*Std OREAS905	2772	0.62	14	1558	4.24	2.91	19	0.30
*Std OREAS601	742	1.21	36	990	2.49	2.16	21	0.40
*Std OREAS905	2480	0.52	16	1390	3.77	2.74	18	0.27
*Std OREAS601	2278	1.31	42	1096	2.51	2.30	23	0.41
*Std OREAS905	2745	0.62	14	1684	4.23	3.06	22	0.30
*Blk BLANK	<1	<0.01	1	<0.5	<0.01	<0.01	<1	<0.01
*Blk BLANK	2	<0.01	2	1.2	0.01	<0.01	<1	<0.01
*Blk BLANK	<1	<0.01	<1	<0.5	<0.01	<0.01	<1	<0.01
*Blk BLANK	<1	<0.01	1	<0.5	<0.01	<0.01	<1	<0.01

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2 ppm	0.01 %	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm
B00397401	965	1.87	121	0.10	<0.01	194	0.74	187
B00397402	965	1.88	129	0.10	<0.01	194	0.70	181
B00397403	1401	1.62	118	0.13	0.02	155	0.53	184
B00397404	762	1.78	87.0	0.09	0.01	176	0.70	187
B00397405	860	1.75	86.1	0.09	0.01	172	0.68	188
B00397406	938	1.78	106	0.10	<0.01	176	0.72	193
B00397407	760	1.96	43.4	0.11	<0.01	205	0.56	154
B00397408	1103	1.77	106	0.10	<0.01	177	0.74	206
B00397409	898	1.88	87.9	0.10	<0.01	200	0.63	179
B00397410	1140	1.83	112	0.11	<0.01	179	0.76	200
B00397411	1112	1.96	73.9	0.11	<0.01	188	0.78	182
B00397412	991	1.83	102	0.11	<0.01	185	0.75	194
B00397413	1001	1.79	117	0.10	<0.01	181	0.69	200
B00397414	788	1.87	86.4	0.08	<0.01	187	0.69	182
B00397415	868	1.88	87.2	0.10	<0.01	179	0.71	190
B00397416	1314	1.82	103	0.10	<0.01	168	0.70	200
B00397417	748	1.87	63.4	0.10	<0.01	198	0.64	163
B00397418	876	1.79	68.8	0.10	<0.01	169	0.76	186
B00397419	1025	1.88	86.8	0.10	<0.01	179	0.76	199
B00397420	261	2.63	16.9	0.03	<0.01	381	0.16	49
B00397421	759	1.75	70.2	0.09	<0.01	177	0.63	171
B00397422	786	1.78	69.5	0.10	<0.01	175	0.66	181
B00397423	958	1.81	101	0.10	<0.01	178	0.70	191
B00397424	840	1.74	111	0.10	<0.01	172	0.71	195
B00397425	904	1.81	113	0.10	<0.01	179	0.74	193
B00397426	830	1.70	60.8	0.10	<0.01	171	0.51	165
B00397427	997	1.66	135	0.09	<0.01	162	0.71	204
B00397428	797	1.73	101	0.08	0.01	176	0.74	193
B00397429	1061	1.80	81.7	0.11	<0.01	191	0.70	185
B00397430	852	1.74	99.3	0.09	<0.01	173	0.72	206
B00397431	818	1.69	85.1	0.10	<0.01	175	0.63	174
B00397432	1084	1.85	102	0.11	<0.01	185	0.70	182
B00397433	958	1.63	89.9	0.11	<0.01	165	0.65	179
B00397434	880	1.73	77.7	0.10	<0.01	171	0.68	178
B00397435	893	1.70	92.1	0.11	0.01	174	0.69	181
B00397436	1341	1.76	121	0.11	<0.01	176	0.75	194
B00397437	1429	1.77	107	0.11	<0.01	178	0.72	186
B00397438	821	1.83	56.0	0.10	<0.01	173	0.62	163
B00397439	1016	1.83	86.6	0.12	<0.01	187	0.68	195
B00397440	388	2.43	9.2	0.03	0.08	162	0.13	13

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397441	935	1.80	59.8	0.10	0.01	190	0.67	172
B00397442	762	1.78	46.5	0.08	<0.01	188	0.56	155
B00397443	785	1.72	65.2	0.09	<0.01	183	0.64	164
B00397444	1066	1.83	101	0.10	<0.01	176	0.71	198
B00397445	988	1.94	93.3	0.11	<0.01	189	0.78	192
B00397446	976	1.82	101	0.10	<0.01	172	0.74	198
B00397447	953	1.67	125	0.09	0.01	168	0.71	205
B00397448	890	1.91	89.8	0.11	<0.01	194	0.82	199
B00397449	1146	2.10	74.6	0.11	<0.01	319	0.64	200
B00397451	1275	1.82	72.1	0.10	0.03	279	0.55	203
B00397452	956	2.09	60.5	0.11	<0.01	321	0.57	182
B00397453	842	2.12	46.6	0.10	<0.01	332	0.53	145
B00397454	571	2.01	35.4	0.11	0.05	287	0.57	152
B00397455	716	1.81	40.2	0.07	<0.01	291	0.36	122
B00397456	772	2.12	45.4	0.08	0.02	305	0.55	163
B00397457	731	2.26	42.6	0.13	<0.01	335	0.56	146
B00397458	760	2.18	57.2	0.10	<0.01	307	0.54	156
B00397459	595	2.22	62.7	0.12	<0.01	307	0.62	157
B00397460	579	2.04	68.1	0.11	0.02	280	0.54	157
B00397461	1003	1.97	81.0	0.08	<0.01	283	0.58	184
B00397462	808	2.19	46.3	0.12	<0.01	352	0.62	158
B00397463	768	2.18	44.9	0.11	<0.01	340	0.47	133
B00397464	817	2.39	41.1	0.16	<0.01	361	0.60	151
B00397465	758	2.35	46.5	0.13	<0.01	345	0.57	146
B00397466	677	2.13	43.2	0.11	0.02	294	0.53	148
B00397467	966	2.13	60.8	0.12	<0.01	332	0.60	175
B00397468	835	2.05	68.5	0.09	<0.01	299	0.55	160
B00397469	656	2.50	29.7	0.14	<0.01	364	0.49	118
B00397470	665	2.31	36.1	0.13	<0.01	320	0.52	124
B00397471	700	2.44	33.3	0.13	<0.01	334	0.50	127
B00397472	667	2.40	28.1	0.12	<0.01	354	0.55	124
B00397473	724	2.44	35.8	0.13	<0.01	333	0.51	130
B00397474	746	2.32	37.7	0.11	<0.01	320	0.49	133
B00397475	677	2.43	30.3	0.12	<0.01	363	0.52	123
B00397476	751	2.41	35.4	0.14	<0.01	353	0.55	135
B00397477	677	2.42	33.6	0.11	<0.01	341	0.50	119
B00397478	712	2.43	48.6	0.13	<0.01	341	0.51	125
B00397479	739	2.36	39.3	0.11	<0.01	331	0.49	130
B00397480	275	2.61	19.5	0.03	<0.01	381	0.18	48
B00397481	791	2.18	39.3	0.13	0.01	295	0.54	140

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397482	1338	1.70	183	0.09	<0.01	171	0.66	244
B00397483	1390	1.74	133	0.10	<0.01	194	0.64	250
B00397484	1438	1.68	140	0.09	<0.01	185	0.61	239
B00397485	1194	1.80	153	0.09	<0.01	183	0.72	231
B00397486	1410	1.80	138	0.10	<0.01	178	0.57	225
B00397487	744	1.67	115	0.09	0.04	197	0.53	171
B00397488	1110	1.66	137	0.07	0.01	152	0.56	195
B00397489	1093	1.84	90.5	0.09	<0.01	216	0.58	221
B00397490	1124	1.41	161	0.11	0.04	168	0.41	218
B00397491	800	1.92	90.9	0.09	0.01	227	0.60	182
B00397492	996	1.88	107	0.10	<0.01	218	0.59	189
B00397493	1327	1.67	200	0.09	<0.01	170	0.65	218
B00397494	922	1.92	96.3	0.10	<0.01	216	0.57	174
B00397495	1153	1.78	144	0.09	<0.01	196	0.65	197
B00397496	986	1.85	130	0.09	<0.01	207	0.62	203
B00397497	1187	1.79	140	0.09	<0.01	195	0.68	207
B00397498	761	1.96	94.7	0.10	<0.01	245	0.54	173
B00397499	1007	1.95	118	0.09	<0.01	220	0.70	211
B00397500	501	0.10	233	0.05	0.05	32.6	0.72	243
B00397501	973	1.85	126	0.09	<0.01	207	0.65	210
B00397502	1137	1.73	132	0.09	<0.01	185	0.65	201
B00397503	1179	1.72	147	0.10	<0.01	179	0.64	217
B00397504	1283	1.74	142	0.09	<0.01	186	0.64	211
B00397505	1183	1.75	131	0.09	<0.01	183	0.67	215
B00397506	945	1.98	107	0.09	<0.01	232	0.65	188
B00397507	1005	1.91	127	0.10	<0.01	200	0.67	186
B00397508	1074	1.97	137	0.11	<0.01	222	0.65	179
B00397509	1146	1.83	121	0.10	<0.01	195	0.71	227
B00397510	1165	1.92	128	0.10	<0.01	206	0.72	203
B00397511	962	1.97	111	0.08	<0.01	218	0.67	191
B00397512	952	2.04	109	0.09	<0.01	217	0.79	219
B00397513	1451	1.85	129	0.10	<0.01	189	0.73	223
B00397514	1396	1.74	132	0.09	<0.01	188	0.63	239
B00397515	1478	1.81	135	0.10	<0.01	198	0.65	218
B00397516	617	1.99	57.8	0.09	<0.01	214	0.61	151
B00397517	867	1.89	50.7	0.10	<0.01	198	0.57	156
B00397518	691	1.95	44.1	0.07	<0.01	263	0.46	121
B00397519	665	1.90	46.7	0.08	<0.01	197	0.58	151
B00397520	667	1.89	46.6	0.08	<0.01	197	0.56	150
B00397521	718	1.96	47.2	0.10	<0.01	234	0.53	136

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397522	779	1.93	51.9	0.09	<0.01	205	0.62	147
B00397523	747	1.96	60.1	0.11	<0.01	198	0.96	177
B00397524	821	1.93	69.8	0.10	<0.01	206	0.62	149
B00397525	774	1.88	58.0	0.11	0.01	214	0.54	143
B00397526	671	1.78	64.9	0.09	<0.01	196	0.55	146
B00397527	691	1.87	50.5	0.09	<0.01	215	0.56	138
B00397528	671	2.02	51.7	0.09	<0.01	229	0.53	137
B00397529	941	1.85	54.8	0.10	0.01	204	0.54	142
B00397530	993	1.91	68.1	0.11	<0.01	206	0.82	200
B00397531	782	1.93	63.2	0.10	<0.01	208	0.59	146
B00397532	653	1.92	45.7	0.09	<0.01	216	0.53	130
B00397533	723	1.85	51.7	0.09	<0.01	184	0.56	137
B00397801	702	2.39	36.5	0.14	<0.01	355	0.59	137
B00397802	669	2.34	35.0	0.14	<0.01	341	0.55	130
B00397803	783	2.30	50.6	0.14	<0.01	316	0.58	143
B00397804	634	2.30	46.5	0.13	<0.01	296	0.59	142
B00397805	720	2.43	33.3	0.16	<0.01	325	0.65	130
B00397806	658	2.43	33.6	0.15	<0.01	342	0.61	125
B00397807	758	2.43	36.8	0.15	<0.01	321	0.65	133
B00397808	697	2.50	33.8	0.16	<0.01	341	0.61	122
B00397809	604	2.51	31.5	0.14	<0.01	343	0.57	117
B00397810	645	2.43	32.9	0.14	<0.01	332	0.60	124
B00397811	751	2.42	37.9	0.14	<0.01	332	0.60	140
B00397812	707	2.22	49.1	0.12	<0.01	287	0.57	143
B00397813	958	2.21	56.4	0.11	<0.01	266	0.60	143
B00397814	889	2.33	46.8	0.16	<0.01	308	0.64	137
B00397815	775	2.36	55.2	0.15	<0.01	308	0.62	144
B00397816	727	2.24	45.3	0.14	<0.01	308	0.57	138
B00397817	705	2.35	43.6	0.15	<0.01	324	0.61	134
B00397818	701	2.35	33.9	0.15	<0.01	329	0.58	124
B00397819	595	2.39	33.6	0.14	<0.01	325	0.59	124
B00397820	477	0.13	47.8	0.05	0.05	47.4	1.13	174
B00397821	620	2.37	29.0	0.12	<0.01	357	0.56	117
B00397822	670	2.43	29.7	0.12	<0.01	364	0.61	116
B00397823	1252	1.57	122	0.09	<0.01	157	0.76	196
B00397824	1063	1.72	97.2	0.08	<0.01	189	0.75	184
B00397825	1045	1.59	129	0.08	0.01	167	0.67	199
B00397826	1076	1.84	103	0.09	<0.01	220	0.68	180
B00397827	1252	1.77	106	0.08	<0.01	208	0.69	200
B00397828	1203	1.71	182	0.07	<0.01	197	0.73	192

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Element Method Det.Lim. Units	@Mn	@Na	@Ni	@P	@S	@Sr	@Ti	@V
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	2	0.01	0.5	0.01	0.01	0.5	0.01	2
	ppm	%	ppm	%	%	ppm	%	ppm
B00397829	1020	1.91	147	0.06	<0.01	229	0.68	184
B00397830	991	1.89	141	0.06	<0.01	223	0.77	177
B00397831	936	1.83	154	0.04	<0.01	210	0.70	189
B00397832	1033	1.68	174	0.07	<0.01	203	0.64	193
B00397833	1093	1.86	150	0.07	<0.01	216	0.76	189
B00397834	803	1.85	148	0.07	0.02	225	0.69	186
*Rep B00397404	757	1.77	87.6	0.09	0.01	173	0.68	190
*Rep B00397508	1075	1.92	136	0.10	<0.01	217	0.63	183
*Rep B00397527	703	1.99	51.7	0.09	<0.01	219	0.57	137
*Rep B00397823	1243	1.60	126	0.09	<0.01	161	0.75	180
*Std OREAS601	482	1.39	25.7	0.05	1.09	225	0.19	32
*Std OREAS601	500	1.41	26.6	0.05	1.19	237	0.18	31
*Std OREAS905	389	2.32	10.0	0.03	0.08	162	0.12	13
*Std OREAS601	511	1.45	25.0	0.05	1.19	234	0.19	32
*Std OREAS905	387	2.36	9.0	0.03	0.07	154	0.13	12
*Std OREAS601	484	1.42	24.7	0.05	1.14	227	0.19	30
*Std OREAS905	340	2.18	10.3	0.03	0.06	144	0.12	11
*Std OREAS601	497	1.46	22.9	0.05	1.16	246	0.21	31
*Std OREAS905	398	2.31	10.2	0.03	0.07	168	0.14	13
*Blk BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
*Blk BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
*Blk BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2
*Blk BLANK	<2	<0.01	<0.5	<0.01	<0.01	<0.5	<0.01	<2

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397401	69	142	5	1.1	0.06	0.16	65.95	26.8
B00397402	72	139	5	1.3	0.06	0.17	66.04	28.3
B00397403	115	149	13	1.6	0.10	0.22	67.30	28.9
B00397404	84	146	5	1.4	0.07	0.14	58.72	22.3
B00397405	82	153	5	1.4	0.07	0.13	58.20	23.4
B00397406	77	139	6	1.2	0.07	0.17	59.63	26.5
B00397407	86	154	4	1.4	0.08	0.15	66.24	17.0
B00397408	93	159	6	1.5	0.07	0.22	71.51	30.1
B00397409	86	167	5	1.4	0.08	0.18	66.59	24.5
B00397410	82	152	6	1.3	0.07	0.20	70.38	31.0
B00397411	77	156	5	1.2	0.06	0.23	75.83	25.8
B00397412	81	174	5	1.5	0.07	0.20	72.88	28.8
B00397413	91	144	8	1.3	0.07	0.23	63.35	29.0
B00397414	74	141	5	1.2	0.06	0.11	58.28	22.1
B00397415	84	151	6	1.4	0.08	0.18	65.73	24.4
B00397416	93	160	7	1.6	0.08	0.26	72.06	29.4
B00397417	85	149	4	1.4	0.07	0.16	63.00	19.4
B00397418	91	173	4	1.6	0.08	0.17	72.37	23.4
B00397419	86	167	5	1.4	0.06	0.20	68.83	27.1
B00397420	19	38.6	1	1.0	0.06	0.04	25.15	5.0
B00397421	86	147	6	1.4	0.08	0.13	62.28	21.1
B00397422	84	147	5	1.3	0.09	0.17	60.13	20.9
B00397423	80	145	6	1.2	0.07	0.20	65.64	27.3
B00397424	81	145	5	1.5	0.07	0.15	56.90	26.2
B00397425	70	142	7	1.2	0.06	0.15	57.22	27.2
B00397426	111	154	9	1.4	0.11	0.38	66.66	21.2
B00397427	81	144	8	1.3	0.07	0.18	60.84	30.2
B00397428	74	148	6	1.4	0.06	0.13	56.67	24.7
B00397429	97	156	6	1.5	0.08	0.24	70.12	26.3
B00397430	76	143	6	1.4	0.07	0.14	57.02	25.1
B00397431	97	167	5	1.5	0.09	0.20	63.51	24.0
B00397432	93	165	5	1.5	0.08	0.23	79.45	28.5
B00397433	101	172	7	1.5	0.10	0.30	76.21	25.5
B00397434	95	166	6	1.6	0.09	0.23	71.19	24.9
B00397435	92	161	6	1.4	0.08	0.15	69.02	27.0
B00397436	90	166	4	1.5	0.07	0.23	76.36	31.8
B00397437	81	153	4	1.3	0.07	0.22	74.27	27.4
B00397438	94	157	5	1.5	0.09	0.23	70.70	20.7
B00397439	93	158	5	1.3	0.06	0.22	63.57	27.4
B00397440	146	240	31	2.9	5.42	0.31	89.37	13.8

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397441	98	150	5	1.5	0.07	0.18	60.64	21.6
B00397442	95	154	6	1.4	0.08	0.15	64.58	18.1
B00397443	99	147	6	1.4	0.08	0.19	62.00	20.0
B00397444	103	161	6	2.6	0.07	0.24	72.10	29.0
B00397445	87	162	4	1.4	0.05	0.17	72.17	25.7
B00397446	93	156	5	1.5	0.06	0.18	67.84	27.8
B00397447	102	160	7	1.5	0.08	0.18	77.32	29.6
B00397448	94	165	5	1.4	0.06	0.16	66.19	25.1
B00397449	95	111	11	1.1	0.12	0.15	56.11	25.9
B00397451	115	90.0	47	1.2	0.18	0.13	45.21	27.3
B00397452	87	125	20	1.3	0.09	0.13	60.58	22.6
B00397453	72	135	6	1.4	0.11	0.12	62.71	18.4
B00397454	59	156	65	1.7	0.15	0.07	38.73	11.1
B00397455	61	130	4	1.1	0.10	0.13	61.54	16.7
B00397456	80	161	4	2.1	0.09	0.12	67.75	18.1
B00397457	69	167	3	1.4	0.08	0.06	83.77	14.5
B00397458	84	137	4	1.5	0.08	0.08	64.91	19.1
B00397459	88	162	5	1.5	0.10	0.11	72.85	16.9
B00397460	90	177	4	1.5	0.10	0.08	75.29	16.9
B00397461	108	119	11	1.3	0.14	0.12	56.05	26.0
B00397462	67	178	3	1.5	0.07	0.10	71.79	16.3
B00397463	77	154	4	1.3	0.10	0.10	73.14	17.6
B00397464	69	141	3	1.4	0.06	0.15	80.42	15.8
B00397465	75	162	4	1.6	0.10	0.08	79.72	16.6
B00397466	75	148	3	1.5	0.10	0.09	61.00	15.1
B00397467	82	144	6	1.5	0.09	0.14	70.24	21.4
B00397468	80	136	8	1.3	0.24	0.07	72.14	20.0
B00397469	68	173	2	1.6	0.06	0.13	84.43	13.2
B00397470	77	182	3	1.6	0.07	0.11	82.54	15.1
B00397471	77	165	3	1.8	0.07	0.08	85.37	15.1
B00397472	66	187	3	2.2	0.06	0.06	94.15	13.3
B00397473	72	150	8	1.6	0.08	0.10	78.21	16.9
B00397474	86	166	7	1.8	0.08	0.12	95.37	17.3
B00397475	61	181	3	1.9	0.06	0.07	83.24	13.6
B00397476	68	167	4	1.6	0.06	0.11	78.71	16.0
B00397477	75	146	2	1.7	0.07	0.08	79.75	15.0
B00397478	74	164	3	1.6	0.06	0.12	88.98	15.5
B00397479	73	164	4	1.5	0.07	0.09	71.40	16.5
B00397480	18	50.8	<1	0.9	<0.04	0.04	20.58	5.0
B00397481	82	151	3	1.6	0.08	0.07	80.29	16.6

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397482	96	126	11	1.1	0.08	0.20	48.92	40.3
B00397483	97	126	16	1.1	0.09	0.17	48.34	37.1
B00397484	101	117	15	1.1	0.09	0.13	44.84	38.5
B00397485	81	118	14	1.0	0.05	0.16	50.71	35.0
B00397486	102	125	31	1.1	0.10	0.17	46.77	40.9
B00397487	88	145	14	1.4	0.09	0.08	52.08	24.4
B00397488	94	127	52	1.3	0.13	0.17	57.39	32.8
B00397489	98	143	15	1.2	0.09	0.17	50.36	29.1
B00397490	149	143	30	1.7	0.16	0.20	39.44	37.3
B00397491	86	134	7	1.2	0.06	0.11	47.70	21.0
B00397492	95	156	6	1.3	0.07	0.23	62.41	26.8
B00397493	91	120	15	1.0	0.04	0.19	52.72	42.0
B00397494	97	153	10	1.5	0.07	0.18	56.88	24.5
B00397495	102	133	10	1.3	0.09	0.18	54.31	36.2
B00397496	95	139	8	1.4	0.08	0.15	57.25	31.1
B00397497	105	148	10	1.3	0.08	0.22	60.49	36.3
B00397498	82	150	3	1.3	0.06	0.14	63.03	22.0
B00397499	81	144	8	1.2	0.06	0.15	61.50	30.8
B00397500	41	129	12	0.7	0.28	<0.02	31.21	26.2
B00397501	95	147	11	1.3	0.08	0.18	59.92	30.2
B00397502	106	140	14	1.3	0.09	0.21	58.83	35.6
B00397503	112	138	15	1.4	0.08	0.23	55.98	37.4
B00397504	110	139	21	1.5	0.12	0.29	59.41	39.8
B00397505	105	137	19	1.4	0.11	0.20	58.48	36.5
B00397506	82	161	7	1.3	0.06	0.12	63.30	25.6
B00397507	96	160	5	1.5	0.07	0.18	69.20	27.7
B00397508	85	161	3	1.5	0.07	0.21	69.25	29.8
B00397509	102	133	9	1.5	0.06	0.21	56.07	36.3
B00397510	97	139	7	1.4	0.06	0.22	56.03	31.7
B00397511	77	154	5	1.3	0.06	0.13	57.80	27.1
B00397512	80	140	7	1.2	0.05	0.12	55.07	27.3
B00397513	95	124	13	1.3	0.06	0.26	56.99	37.3
B00397514	99	120	15	1.2	0.06	0.19	45.30	37.8
B00397515	104	130	13	1.2	0.06	0.19	47.68	37.7
B00397516	95	173	5	1.5	0.08	0.15	83.68	21.2
B00397517	105	162	9	1.4	0.09	0.26	79.11	24.5
B00397518	77	176	6	1.5	0.13	0.11	79.46	18.6
B00397519	82	164	5	1.5	0.09	0.08	74.13	20.0
B00397520	85	171	5	1.5	0.09	0.10	74.62	20.2
B00397521	85	174	5	1.5	0.09	0.16	73.90	20.0

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	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397522	93	171	6	1.6	0.08	0.19	76.91	22.0
B00397523	79	204	11	1.4	0.19	0.17	113	21.4
B00397524	98	170	6	1.4	0.10	0.21	95.56	24.0
B00397525	113	162	6	1.4	0.10	0.19	76.01	21.2
B00397526	107	172	6	1.6	0.12	0.17	72.38	20.8
B00397527	81	165	5	1.4	0.08	0.12	79.42	19.9
B00397528	100	172	6	1.6	0.10	0.17	74.73	19.2
B00397529	109	181	7	1.5	0.10	0.27	80.98	24.1
B00397530	103	176	6	1.5	0.09	0.16	79.16	27.6
B00397531	101	185	6	1.5	0.10	0.22	74.60	22.5
B00397532	87	177	5	1.4	0.08	0.15	79.26	18.5
B00397533	96	167	6	1.6	0.09	0.16	85.20	20.4
B00397801	65	196	4	1.5	0.09	0.08	79.66	19.4
B00397802	65	184	3	1.6	0.08	0.09	82.33	16.7
B00397803	94	185	4	1.6	0.10	0.15	95.38	20.8
B00397804	91	180	5	1.6	0.11	0.15	96.77	19.5
B00397805	78	206	3	1.7	0.07	0.09	93.36	16.7
B00397806	77	199	3	1.6	0.08	0.11	99.75	15.7
B00397807	80	178	4	1.6	0.08	0.08	100	20.6
B00397808	71	192	3	1.6	0.07	0.08	90.11	16.2
B00397809	64	213	2	1.4	0.06	0.09	87.94	14.2
B00397810	67	199	3	1.5	0.07	0.08	89.91	14.8
B00397811	78	177	4	1.5	0.09	0.11	89.22	24.7
B00397812	90	164	6	1.6	0.12	0.10	80.67	20.2
B00397813	108	155	6	1.7	0.13	0.21	94.79	27.2
B00397814	97	179	4	1.8	0.08	0.15	89.88	20.7
B00397815	85	183	4	2.7	0.08	0.12	89.07	19.4
B00397816	85	188	4	1.6	0.24	0.11	90.30	20.1
B00397817	82	190	4	1.5	0.07	0.11	88.56	17.6
B00397818	78	170	3	1.4	0.07	0.11	79.15	18.4
B00397819	75	207	3	1.5	0.07	0.12	94.14	14.9
B00397820	46	172	10	0.9	0.35	0.04	47.25	7.7
B00397821	66	156	2	1.7	0.07	0.11	72.94	13.6
B00397822	60	171	2	1.7	0.06	0.08	84.72	14.1
B00397823	104	148	15	1.8	0.18	0.23	71.25	32.6
B00397824	86	156	14	1.5	0.13	0.21	78.46	28.2
B00397825	119	130	19	1.5	0.12	0.24	54.19	36.4
B00397826	93	152	11	1.7	0.09	0.24	65.19	31.1
B00397827	103	139	19	1.4	0.09	0.26	56.71	37.9
B00397828	85	138	4	1.3	0.06	0.15	56.50	39.5

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Element Method Det.Lim. Units	@Zn	@Zr	@As	@Be	@Bi	@Cd	@Ce	@Co
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	1	0.1	0.04	0.02	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397829	72	131	3	1.3	0.05	0.15	56.08	32.9
B00397830	65	125	2	1.2	0.05	0.14	53.63	33.3
B00397831	68	123	2	1.2	0.05	0.11	50.93	31.1
B00397832	86	127	3	1.3	0.07	0.20	51.60	36.4
B00397833	61	126	2	1.2	0.04	0.15	60.38	36.1
B00397834	68	129	2	1.2	0.05	0.15	52.33	29.1
*Rep B00397404	80	148	5	1.3	0.07	0.13	57.48	22.0
*Rep B00397508	83	167	4	1.6	0.06	0.17	70.26	29.3
*Rep B00397527	83	176	5	1.4	0.09	0.12	79.74	20.0
*Rep B00397823	105	168	15	1.7	0.18	0.17	70.54	32.2
*Std OREAS601	1332	161	285	2.0	20.99	7.58	59.84	4.8
*Std OREAS601	1439	161	291	2.1	19.41	7.74	60.81	5.1
*Std OREAS905	142	232	32	2.9	5.40	0.36	88.80	13.9
*Std OREAS601	1434	163	283	2.0	18.83	7.24	59.72	4.7
*Std OREAS905	137	240	31	2.9	5.31	0.32	87.73	14.1
*Std OREAS601	1463	170	306	2.1	20.97	7.59	68.08	5.6
*Std OREAS905	131	228	29	2.5	5.43	0.31	84.38	13.5
*Std OREAS601	1311	156	291	2.3	20.51	7.27	61.13	5.0
*Std OREAS905	130	227	32	3.2	5.87	0.33	86.13	14.3
*Blk BLANK	2	<0.5	<1	<0.1	<0.04	<0.02	0.07	<0.1
*Blk BLANK	<1	<0.5	<1	<0.1	<0.04	<0.02	0.08	<0.1
*Blk BLANK	<1	<0.5	<1	<0.1	<0.04	<0.02	0.08	<0.1
*Blk BLANK	2	0.8	<1	<0.1	<0.04	<0.02	0.08	<0.1

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	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.01 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm
B00397401	1	15.7	3.65	0.05	31.3	0.26	1.11	18.9
B00397402	1	16.6	3.66	0.05	32.0	0.24	1.96	17.7
B00397403	3	19.5	3.76	0.06	31.3	0.29	1.68	13.4
B00397404	1	17.4	3.73	0.06	31.7	0.26	0.80	17.9
B00397405	2	18.1	3.84	0.06	30.1	0.25	0.87	19.2
B00397406	1	16.3	3.52	0.06	28.9	0.26	0.88	18.7
B00397407	2	18.1	3.91	0.05	35.0	0.23	1.16	13.5
B00397408	2	18.4	4.08	0.06	33.8	0.29	0.89	20.0
B00397409	2	17.8	4.26	0.06	33.6	0.26	0.90	16.8
B00397410	1	17.2	3.75	0.06	31.8	0.28	0.77	21.7
B00397411	1	17.2	3.97	0.06	36.2	0.28	0.89	21.1
B00397412	1	18.0	4.25	0.06	35.1	0.28	0.87	21.1
B00397413	1	17.5	3.71	0.06	31.8	0.25	0.96	16.3
B00397414	1	16.4	3.50	0.05	29.8	0.25	0.73	17.0
B00397415	1	17.3	3.78	0.06	33.2	0.26	0.94	18.7
B00397416	2	18.3	3.91	0.07	35.2	0.28	1.14	18.9
B00397417	2	17.1	3.65	0.05	33.2	0.25	0.93	16.6
B00397418	2	19.1	4.27	0.07	36.5	0.30	0.94	22.4
B00397419	1	17.7	4.09	0.06	33.5	0.28	1.03	19.4
B00397420	<1	12.7	1.03	<0.02	12.6	0.10	0.08	3.3
B00397421	2	17.2	3.75	0.05	33.1	0.25	1.21	16.3
B00397422	2	17.3	3.80	0.06	32.5	0.26	1.24	17.0
B00397423	1	17.1	3.69	0.05	32.2	0.28	0.81	19.6
B00397424	1	17.2	3.75	0.06	30.2	0.28	0.72	19.2
B00397425	<1	15.9	3.69	0.06	28.1	0.27	0.52	19.6
B00397426	2	18.5	3.92	0.06	35.1	0.25	2.60	12.7
B00397427	1	16.8	3.72	0.06	29.7	0.28	0.62	19.3
B00397428	1	17.3	3.72	0.05	28.3	0.26	0.63	19.8
B00397429	2	17.7	3.95	0.06	36.1	0.26	1.40	17.0
B00397430	1	17.0	3.48	0.06	29.2	0.26	0.80	20.3
B00397431	2	18.0	4.22	0.06	33.3	0.27	1.48	17.0
B00397432	2	18.2	4.33	0.06	38.3	0.28	1.24	20.2
B00397433	2	18.4	4.34	0.06	38.9	0.29	1.91	18.9
B00397434	2	18.8	4.12	0.06	35.9	0.28	1.53	18.8
B00397435	2	18.2	4.25	0.06	33.8	0.27	1.27	20.3
B00397436	1	18.0	4.30	0.06	36.3	0.29	1.02	21.4
B00397437	1	16.7	3.86	0.06	35.7	0.27	0.98	20.5
B00397438	2	18.2	4.11	0.06	35.6	0.26	1.53	16.8
B00397439	1	17.5	4.06	0.06	30.2	0.27	1.10	17.5
B00397440	7	24.1	6.63	0.61	41.8	0.08	2.98	17.4

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Element Method Det.Lim. Units	@Cs	@Ga	@Hf	@In	@La	@Lu	@Mo	@Nb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.02	0.02	0.1	0.01	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397441	2	17.3	3.87	0.06	26.4	0.24	1.23	16.3
B00397442	2	17.9	4.01	0.06	31.7	0.24	1.67	13.9
B00397443	2	16.9	3.96	0.05	29.4	0.24	1.53	14.9
B00397444	2	18.0	4.24	0.07	32.1	0.29	1.08	20.2
B00397445	1	16.6	4.19	0.06	31.9	0.28	0.75	20.5
B00397446	1	17.6	4.09	0.06	30.0	0.28	0.80	20.2
B00397447	2	18.5	4.03	0.07	36.3	0.29	0.86	20.5
B00397448	1	18.3	4.18	0.06	29.8	0.28	1.05	21.7
B00397449	1	18.4	2.99	0.06	24.8	0.26	0.44	14.9
B00397451	1	17.9	2.54	0.06	15.9	0.21	0.70	14.7
B00397452	1	18.2	3.33	0.06	27.0	0.24	0.44	17.6
B00397453	1	17.1	3.55	0.05	23.8	0.22	0.42	16.0
B00397454	2	18.2	4.07	0.05	17.6	0.17	0.67	22.9
B00397455	1	14.1	3.50	0.04	26.5	0.20	0.37	10.9
B00397456	2	17.6	3.99	0.05	28.0	0.21	0.64	21.8
B00397457	1	17.1	4.14	0.05	38.8	0.23	0.49	26.3
B00397458	1	18.8	3.33	0.05	29.8	0.21	0.55	21.8
B00397459	2	18.6	4.10	0.06	34.0	0.23	0.77	26.9
B00397460	2	18.5	4.71	0.05	35.7	0.25	0.84	24.4
B00397461	1	18.5	3.16	0.06	23.8	0.22	0.50	13.6
B00397462	<1	17.0	4.59	0.06	34.1	0.26	0.43	31.2
B00397463	1	17.3	4.05	0.05	32.4	0.25	0.39	16.0
B00397464	<1	16.9	3.67	0.06	35.3	0.24	0.50	35.5
B00397465	1	18.0	4.16	0.06	35.7	0.24	0.60	37.6
B00397466	1	17.9	3.75	0.05	27.1	0.19	0.60	26.3
B00397467	1	17.8	3.74	0.05	30.4	0.26	0.60	24.9
B00397468	1	18.0	3.62	0.05	34.3	0.26	0.54	16.2
B00397469	1	18.3	4.44	0.05	40.5	0.22	0.53	22.5
B00397470	2	19.3	5.16	0.05	38.6	0.22	0.80	22.3
B00397471	2	19.0	4.24	0.05	38.3	0.21	0.70	22.6
B00397472	2	18.5	5.16	0.05	41.7	0.21	0.60	26.8
B00397473	2	18.6	3.85	0.05	37.0	0.22	0.86	22.8
B00397474	2	19.5	4.25	0.05	41.8	0.22	0.75	22.9
B00397475	1	18.4	4.97	0.05	38.8	0.21	0.55	24.6
B00397476	1	18.2	4.34	0.05	35.3	0.22	0.56	22.1
B00397477	2	19.3	3.92	0.05	37.1	0.20	0.63	19.9
B00397478	2	19.1	4.10	0.05	43.8	0.22	0.99	25.9
B00397479	2	18.9	3.92	0.05	30.4	0.19	0.67	21.8
B00397480	<1	12.4	1.49	<0.02	8.5	0.09	0.11	2.9
B00397481	2	18.3	3.73	0.05	37.7	0.21	0.93	26.1

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	1	0.1	0.02	0.02	0.1	0.01	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397482	1	17.8	3.05	0.06	20.9	0.25	0.50	13.9
B00397483	1	18.9	3.19	0.06	20.1	0.26	0.55	12.7
B00397484	1	18.8	3.01	0.07	19.4	0.26	0.46	11.6
B00397485	<1	16.1	2.91	0.06	21.8	0.26	0.47	14.9
B00397486	2	20.4	3.28	0.07	19.6	0.28	0.51	11.0
B00397487	3	17.1	3.53	0.06	31.8	0.27	1.17	12.4
B00397488	2	17.8	3.25	0.06	25.7	0.25	0.56	13.1
B00397489	2	19.9	3.63	0.07	22.7	0.28	0.76	11.2
B00397490	4	23.2	3.62	0.07	28.4	0.36	1.15	9.5
B00397491	2	17.0	3.42	0.05	23.4	0.24	0.83	12.7
B00397492	2	17.4	3.76	0.05	28.6	0.24	1.06	14.1
B00397493	1	16.2	3.07	0.06	22.9	0.26	0.48	14.5
B00397494	2	18.1	3.86	0.05	27.4	0.24	1.03	12.8
B00397495	2	18.0	3.55	0.06	24.2	0.27	0.72	14.3
B00397496	2	17.3	3.44	0.06	26.0	0.26	0.71	14.4
B00397497	2	17.8	3.73	0.06	26.5	0.28	0.73	14.9
B00397498	2	17.2	3.77	0.05	30.4	0.24	0.63	13.6
B00397499	1	17.0	3.55	0.06	26.2	0.27	0.60	15.8
B00397500	4	20.1	3.45	0.08	13.1	0.16	2.35	12.7
B00397501	2	17.5	3.72	0.06	27.4	0.26	0.67	14.6
B00397502	2	17.6	3.46	0.06	25.9	0.28	0.77	15.3
B00397503	2	18.1	3.38	0.06	24.6	0.27	0.85	14.9
B00397504	2	18.2	3.58	0.07	25.4	0.27	0.89	13.4
B00397505	2	18.5	3.64	0.06	26.8	0.29	0.82	13.7
B00397506	1	16.4	4.19	0.05	27.9	0.25	0.67	15.0
B00397507	2	17.9	3.98	0.06	31.6	0.27	0.96	18.5
B00397508	2	17.7	3.99	0.06	30.0	0.25	0.67	19.6
B00397509	1	19.3	3.36	0.06	24.2	0.29	0.76	15.6
B00397510	1	18.0	3.46	0.07	25.2	0.27	0.70	16.0
B00397511	1	17.1	3.88	0.05	25.7	0.25	0.57	16.7
B00397512	1	17.0	3.59	0.07	25.2	0.26	0.58	16.9
B00397513	1	17.8	3.24	0.07	23.3	0.28	0.73	14.8
B00397514	1	17.6	3.08	0.07	19.1	0.27	0.62	12.0
B00397515	1	18.0	3.30	0.07	21.0	0.27	0.74	13.2
B00397516	2	21.1	4.24	0.05	41.1	0.26	1.29	14.6
B00397517	2	20.8	4.07	0.06	38.1	0.26	1.28	13.6
B00397518	2	20.7	4.23	0.05	38.7	0.24	0.69	12.5
B00397519	2	20.6	3.97	0.05	34.4	0.23	1.10	14.3
B00397520	2	21.0	4.17	0.06	35.6	0.25	1.11	14.2
B00397521	2	20.1	4.22	0.06	35.0	0.24	0.98	14.4

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	1	0.1	0.02	0.02	0.1	0.01	0.05	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397522	2	20.2	4.07	0.05	36.7	0.25	1.14	15.5
B00397523	2	19.1	5.36	0.06	52.5	0.35	1.04	27.5
B00397524	2	20.2	4.21	0.06	46.8	0.27	1.35	16.2
B00397525	3	21.1	4.00	0.05	38.4	0.25	1.45	13.9
B00397526	3	21.6	4.26	0.06	40.8	0.28	1.32	15.5
B00397527	2	20.1	4.11	0.05	39.0	0.24	1.09	15.9
B00397528	2	21.4	4.37	0.05	38.9	0.25	1.42	14.4
B00397529	3	21.3	4.46	0.05	39.2	0.26	1.85	13.7
B00397530	2	21.4	4.22	0.06	37.1	0.30	0.84	20.8
B00397531	2	20.7	4.43	0.05	37.2	0.26	1.72	15.5
B00397532	2	19.8	4.50	0.05	38.7	0.24	1.20	13.4
B00397533	2	20.4	4.17	0.05	40.8	0.26	1.43	14.6
B00397801	1	20.2	4.84	0.05	37.0	0.25	0.77	21.2
B00397802	1	20.0	4.87	0.05	38.3	0.23	0.57	21.8
B00397803	2	21.9	4.66	0.06	47.2	0.27	1.12	24.3
B00397804	2	21.6	4.43	0.05	46.2	0.27	1.20	50.9
B00397805	2	20.8	4.83	0.06	49.3	0.25	0.92	26.9
B00397806	2	21.1	5.28	0.06	51.3	0.28	0.79	30.9
B00397807	2	21.6	4.75	0.06	47.2	0.24	0.78	28.6
B00397808	1	20.9	4.58	0.06	41.9	0.22	0.56	28.2
B00397809	1	19.5	5.21	0.05	43.5	0.21	0.55	30.5
B00397810	1	20.0	4.71	0.05	43.3	0.23	0.59	28.5
B00397811	1	21.3	4.65	0.05	40.8	0.25	0.75	25.5
B00397812	2	21.8	4.04	0.06	42.1	0.25	1.25	21.8
B00397813	2	22.9	3.91	0.06	44.3	0.26	1.02	25.2
B00397814	2	21.7	4.37	0.06	43.3	0.26	1.06	32.8
B00397815	2	21.3	4.37	0.06	44.4	0.25	0.94	28.0
B00397816	2	21.1	4.65	0.06	45.1	0.27	0.83	27.4
B00397817	2	20.8	4.84	0.05	41.7	0.24	0.98	30.4
B00397818	2	19.6	4.19	0.05	38.0	0.24	1.02	22.4
B00397819	2	20.6	5.13	0.05	46.1	0.25	0.66	25.7
B00397820	7	28.0	4.31	0.09	21.7	0.21	2.41	22.2
B00397821	2	18.1	4.33	0.05	37.2	0.19	0.74	24.9
B00397822	1	18.4	4.60	0.05	44.3	0.22	0.55	24.0
B00397823	2	18.5	3.73	0.07	35.9	0.30	0.92	17.8
B00397824	2	16.6	4.04	0.05	39.0	0.29	0.70	17.4
B00397825	2	18.9	3.32	0.07	28.4	0.29	0.99	14.6
B00397826	2	18.1	3.79	0.06	32.3	0.25	0.99	15.2
B00397827	1	17.7	3.55	0.07	28.1	0.28	0.77	12.1
B00397828	1	17.2	3.49	0.06	28.3	0.26	0.58	15.2

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Element Method Det.Lim. Units	@Cs	@Ga	@Hf	@In	@La	@Lu	@Mo	@Nb
	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.01 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm
B00397829	1	16.8	3.41	0.06	27.2	0.23	0.40	14.6
B00397830	<1	16.1	3.34	0.05	25.1	0.25	0.42	16.0
B00397831	<1	15.7	3.19	0.05	25.1	0.23	0.47	14.9
B00397832	2	17.5	3.21	0.05	26.3	0.25	0.66	15.3
B00397833	<1	15.7	3.32	0.06	26.2	0.25	0.41	16.0
B00397834	<1	15.7	3.23	0.04	25.6	0.24	0.44	14.5
*Rep B00397404	1	17.2	3.85	0.06	31.5	0.25	0.77	17.8
*Rep B00397508	1	17.3	4.06	0.05	30.8	0.26	0.68	17.9
*Rep B00397527	2	19.8	4.23	0.05	38.7	0.25	1.07	14.6
*Rep B00397823	2	18.9	4.15	0.07	35.6	0.32	0.98	16.4
*Std OREAS601	6	19.3	4.21	1.61	31.7	0.09	3.74	12.3
*Std OREAS601	7	20.6	4.30	1.63	29.4	0.09	3.74	12.4
*Std OREAS905	7	24.5	6.40	0.61	41.2	0.08	3.17	17.8
*Std OREAS601	6	19.6	4.20	1.58	28.9	0.09	3.60	11.8
*Std OREAS905	7	24.0	6.44	0.62	41.3	0.08	3.20	17.3
*Std OREAS601	7	22.2	4.44	1.70	34.2	0.10	3.74	12.2
*Std OREAS905	6	24.3	6.11	0.60	41.2	0.08	2.99	16.2
*Std OREAS601	6	19.7	4.31	1.62	32.5	0.09	3.68	12.2
*Std OREAS905	7	24.0	6.56	0.59	44.3	0.08	3.17	17.7
*Blk BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
*Blk BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
*Blk BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1
*Blk BLANK	<1	<0.1	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397401	10.4	47.0	0.46	19.6	<2	1.5	1.17	0.77
B00397402	10.6	53.0	0.47	19.7	<2	1.5	1.06	0.73
B00397403	14.8	78.9	0.63	19.9	<2	1.5	0.88	0.70
B00397404	11.1	60.0	0.41	19.9	<2	1.5	1.07	0.74
B00397405	10.7	63.2	0.41	19.7	<2	1.7	1.13	0.72
B00397406	10.6	52.9	0.64	20.2	<2	1.5	1.07	0.75
B00397407	15.1	82.1	0.33	15.0	<2	1.4	0.86	0.67
B00397408	11.6	62.1	0.51	21.3	<2	1.7	1.21	0.82
B00397409	12.6	70.5	0.42	18.3	<2	1.6	1.01	0.72
B00397410	9.5	51.6	0.53	20.5	<2	1.7	1.25	0.80
B00397411	10.6	52.6	0.40	19.6	<2	1.7	1.28	0.82
B00397412	10.6	59.9	0.31	20.3	<2	1.7	1.27	0.81
B00397413	11.4	60.1	0.84	20.5	<2	1.5	0.98	0.72
B00397414	10.4	52.3	0.52	19.3	<2	1.5	1.02	0.72
B00397415	11.5	59.6	0.49	19.4	<2	1.5	1.10	0.76
B00397416	11.7	59.3	0.56	20.8	<2	1.6	1.16	0.78
B00397417	11.1	64.6	0.33	17.4	<2	1.5	1.01	0.69
B00397418	11.2	65.6	0.34	20.7	<2	1.8	1.33	0.84
B00397419	11.0	58.4	0.40	20.3	<2	1.7	1.18	0.80
B00397420	7.7	50.4	<0.05	5.7	<2	0.6	0.24	0.24
B00397421	12.6	66.8	0.46	18.0	<2	1.4	1.00	0.72
B00397422	11.5	63.6	0.46	19.1	<2	1.5	1.05	0.75
B00397423	9.9	53.0	0.56	21.0	<2	1.5	1.16	0.75
B00397424	9.4	53.6	0.39	21.6	<2	1.6	1.13	0.77
B00397425	8.6	44.4	0.51	21.7	<2	1.4	1.18	0.77
B00397426	17.0	79.6	0.61	16.0	<2	1.4	0.82	0.67
B00397427	9.1	52.0	0.77	21.4	<2	1.5	1.19	0.76
B00397428	8.7	50.8	0.48	22.2	<2	1.5	1.17	0.74
B00397429	13.5	73.2	0.43	18.9	<2	1.5	1.02	0.76
B00397430	9.7	54.1	0.44	21.7	<2	1.6	1.23	0.74
B00397431	13.5	77.9	0.43	18.0	<2	1.5	1.06	0.70
B00397432	12.9	67.0	0.36	19.6	<2	1.7	1.27	0.84
B00397433	14.1	77.8	0.46	18.5	<2	1.6	1.17	0.80
B00397434	13.0	72.2	0.47	19.3	<2	1.6	1.11	0.77
B00397435	11.7	68.4	0.38	19.7	<2	1.7	1.21	0.77
B00397436	10.8	62.8	0.33	20.8	<2	1.6	1.28	0.81
B00397437	10.2	55.5	0.30	19.8	<2	1.6	1.24	0.81
B00397438	13.8	74.9	0.44	17.6	<2	1.5	1.05	0.75
B00397439	11.9	55.3	0.37	20.5	<2	1.6	1.08	0.76
B00397440	31.6	137	1.90	4.8	2	4.1	1.28	0.79

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397441	13.0	57.6	0.41	18.3	<2	1.5	0.99	0.66
B00397442	14.6	71.4	0.44	16.2	<2	1.5	0.85	0.64
B00397443	13.5	63.4	0.44	17.2	<2	1.4	0.92	0.67
B00397444	12.0	59.5	0.34	20.4	<2	1.6	1.40	0.79
B00397445	9.8	44.8	0.30	21.0	<2	1.6	1.22	0.83
B00397446	11.0	51.3	0.43	20.5	<2	1.7	1.24	0.77
B00397447	11.3	54.8	0.68	22.4	<2	1.7	1.22	0.82
B00397448	11.1	51.9	0.31	21.1	<2	1.7	1.32	0.80
B00397449	10.0	42.4	0.65	22.1	<2	1.5	0.80	0.71
B00397451	12.2	51.3	0.60	20.0	<2	1.4	0.73	0.53
B00397452	11.2	47.3	0.56	20.2	<2	1.5	0.88	0.68
B00397453	12.2	52.9	0.37	16.5	<2	1.4	0.85	0.58
B00397454	16.9	52.2	0.37	15.3	<2	1.9	1.41	0.45
B00397455	12.8	42.7	0.33	15.0	<2	1.2	0.55	0.56
B00397456	13.4	49.0	0.28	17.0	<2	1.6	0.96	0.60
B00397457	12.5	50.0	0.27	15.7	<2	1.5	1.24	0.75
B00397458	11.7	54.7	0.37	17.4	<2	1.5	1.02	0.66
B00397459	13.9	62.1	0.33	17.2	<2	1.6	1.35	0.76
B00397460	13.7	61.4	0.37	16.7	<2	1.6	1.20	0.73
B00397461	11.6	41.9	0.53	20.5	<2	1.8	0.82	0.63
B00397462	11.4	43.5	0.32	18.6	<2	1.6	1.11	0.78
B00397463	13.2	57.3	0.34	16.2	<2	1.4	0.81	0.72
B00397464	12.2	47.3	0.30	17.0	<2	1.6	1.37	0.83
B00397465	13.7	60.2	0.26	16.1	<2	1.5	1.44	0.75
B00397466	12.9	54.9	0.27	15.7	<2	1.5	1.15	0.60
B00397467	11.9	49.9	0.41	19.3	<2	1.6	1.07	0.76
B00397468	12.2	58.6	0.37	18.6	<2	1.6	1.00	0.75
B00397469	15.4	72.2	0.17	13.0	<2	1.5	1.21	0.71
B00397470	15.7	76.6	0.21	14.0	<2	1.6	1.14	0.66
B00397471	16.6	81.6	0.16	13.7	<2	1.6	1.19	0.66
B00397472	16.3	72.5	0.15	13.7	<2	1.6	1.39	0.70
B00397473	14.6	72.3	0.23	13.5	<2	1.5	1.27	0.68
B00397474	17.7	82.6	0.19	13.5	<2	1.6	1.08	0.72
B00397475	14.4	63.5	0.19	14.4	<2	1.5	1.10	0.70
B00397476	14.5	61.5	0.23	15.0	<2	1.6	1.07	0.70
B00397477	14.7	74.6	0.20	13.3	<2	1.5	1.11	0.63
B00397478	15.0	75.7	0.22	13.5	<2	1.6	1.17	0.72
B00397479	15.2	73.2	0.24	13.0	<2	1.6	1.04	0.55
B00397480	7.7	44.6	<0.05	5.6	<2	0.5	0.21	0.22
B00397481	14.9	80.4	0.25	14.2	<2	1.7	1.25	0.69

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397482	8.5	43.0	0.85	25.5	<2	1.4	0.85	0.65
B00397483	8.6	42.2	1.24	25.6	<2	1.4	0.83	0.64
B00397484	8.4	39.4	1.13	27.4	<2	1.3	0.72	0.63
B00397485	8.5	36.3	0.64	24.4	<2	1.4	0.89	0.68
B00397486	10.6	48.1	1.43	27.3	<2	1.4	0.71	0.61
B00397487	13.9	58.7	0.58	19.5	<2	1.3	0.79	0.69
B00397488	12.1	67.1	1.75	23.6	<2	1.6	0.84	0.63
B00397489	9.7	49.0	1.11	23.2	<2	1.6	0.71	0.61
B00397490	15.3	80.6	1.07	30.5	<2	1.5	0.59	0.74
B00397491	9.7	47.7	0.52	20.0	<2	1.3	0.83	0.64
B00397492	12.1	63.1	0.47	19.3	<2	1.4	0.85	0.64
B00397493	7.6	35.4	0.92	25.1	<2	1.3	0.91	0.68
B00397494	13.0	67.4	0.68	18.0	<2	1.4	0.80	0.63
B00397495	10.2	52.8	0.83	23.8	<2	1.5	0.88	0.69
B00397496	10.8	52.5	0.63	21.6	<2	1.4	0.88	0.68
B00397497	11.1	51.3	0.79	23.5	<2	1.5	0.91	0.72
B00397498	11.0	57.3	0.27	18.3	<2	1.4	0.86	0.67
B00397499	9.2	45.4	0.66	22.1	<2	1.5	0.96	0.70
B00397500	20.6	39.6	0.76	46.0	3	2.6	1.02	0.33
B00397501	11.0	52.8	0.80	21.8	<2	1.5	0.90	0.72
B00397502	10.4	52.6	0.96	23.4	<2	1.5	0.95	0.73
B00397503	10.2	52.8	1.02	23.9	<2	1.5	0.91	0.72
B00397504	11.0	57.1	1.10	23.8	<2	1.6	0.83	0.69
B00397505	10.4	56.7	1.12	24.7	<2	1.7	0.85	0.71
B00397506	9.9	45.7	0.57	20.5	<2	1.4	0.93	0.71
B00397507	11.7	58.8	0.34	19.5	<2	1.5	1.12	0.74
B00397508	10.8	57.2	0.31	19.6	<2	1.6	1.12	0.74
B00397509	8.7	43.2	0.78	27.2	<2	1.4	0.95	0.71
B00397510	9.1	46.2	0.65	23.3	<2	1.5	1.01	0.71
B00397511	9.5	45.8	0.44	21.2	<2	1.5	0.99	0.67
B00397512	8.5	37.5	0.79	23.7	<2	1.4	1.05	0.74
B00397513	8.5	37.2	1.19	25.7	<2	1.5	0.93	0.75
B00397514	7.3	36.1	1.19	27.6	<2	1.3	0.76	0.66
B00397515	9.0	43.1	0.98	25.6	<2	1.4	0.78	0.64
B00397516	13.9	72.5	0.36	15.9	<2	1.5	0.95	0.74
B00397517	14.6	75.1	0.56	16.2	<2	1.5	0.97	0.73
B00397518	16.1	80.6	0.39	13.6	<2	1.6	0.82	0.65
B00397519	13.5	73.1	0.34	15.4	<2	1.6	0.91	0.68
B00397520	13.8	75.1	0.34	15.9	2	1.5	0.94	0.69
B00397521	13.9	74.7	0.35	14.5	<2	1.5	0.96	0.66

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.2 ppm	0.05 ppm	0.5 ppm	2 ppm	0.3 ppm	0.05 ppm	0.05 ppm
B00397522	14.1	70.8	0.38	15.4	<2	1.5	1.02	0.71
B00397523	12.3	71.2	1.30	18.4	3	2.2	1.89	0.99
B00397524	14.0	75.9	0.43	15.6	2	1.6	1.03	0.74
B00397525	14.4	87.3	0.35	15.1	<2	1.5	0.89	0.69
B00397526	14.5	86.3	0.43	16.0	<2	1.6	1.02	0.76
B00397527	13.4	71.7	0.33	14.6	<2	1.5	0.96	0.69
B00397528	15.6	86.9	0.37	14.6	3	1.6	0.93	0.69
B00397529	16.2	86.0	0.45	14.6	<2	1.5	0.89	0.72
B00397530	10.9	67.4	0.62	19.6	3	1.8	1.35	0.83
B00397531	14.9	80.8	0.42	14.6	<2	1.6	0.99	0.70
B00397532	14.8	76.0	0.37	13.6	<2	1.5	0.88	0.69
B00397533	14.3	77.2	0.43	14.4	<2	1.5	0.97	0.72
B00397801	13.6	61.4	0.27	13.9	2	1.7	1.07	0.72
B00397802	13.2	63.8	0.22	13.6	<2	1.6	1.18	0.71
B00397803	14.9	80.7	0.38	14.3	<2	1.7	1.32	0.83
B00397804	15.0	76.3	0.29	14.2	<2	1.8	1.57	0.85
B00397805	13.9	73.7	0.21	12.9	4	1.7	1.35	0.83
B00397806	15.5	77.6	0.19	13.3	2	1.7	1.32	0.87
B00397807	16.1	78.2	0.21	13.5	<2	1.8	1.38	0.80
B00397808	14.9	68.2	0.20	13.4	<2	1.7	1.33	0.76
B00397809	13.7	65.4	0.19	12.3	3	1.6	1.52	0.72
B00397810	13.5	64.9	0.19	13.1	<2	1.6	1.31	0.78
B00397811	13.4	66.6	0.27	14.2	<2	1.6	1.29	0.77
B00397812	14.1	77.7	0.28	14.6	2	1.6	1.16	0.77
B00397813	15.0	90.4	0.32	14.5	<2	1.7	1.49	0.78
B00397814	13.7	77.1	0.22	14.4	3	1.7	1.38	0.81
B00397815	14.3	75.1	0.25	13.8	<2	1.7	1.38	0.79
B00397816	15.2	75.2	0.24	13.9	<2	1.8	1.32	0.81
B00397817	14.1	73.4	0.22	13.1	<2	1.7	1.94	0.77
B00397818	14.2	71.1	0.20	12.6	<2	1.6	1.17	0.75
B00397819	14.9	76.5	0.19	12.5	<2	1.7	1.38	0.79
B00397820	23.9	65.6	0.63	12.2	5	4.3	1.65	0.42
B00397821	15.4	68.4	0.16	13.1	<2	1.5	1.11	0.65
B00397822	15.0	63.6	0.18	13.9	<2	1.4	1.14	0.74
B00397823	16.0	75.6	0.99	23.3	<2	1.9	1.10	0.78
B00397824	12.8	60.0	1.03	20.6	<2	1.7	1.10	0.80
B00397825	11.3	56.5	1.01	25.0	<2	1.5	0.86	0.72
B00397826	13.1	62.5	0.63	20.3	<2	1.4	0.91	0.71
B00397827	11.3	51.6	0.93	23.2	<2	1.4	0.78	0.74
B00397828	9.2	46.3	0.32	24.1	<2	1.3	0.97	0.68

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Element Method Det.Lim. Units	@Pb	@Rb	@Sb	@Sc	@Se	@Sn	@Ta	@Tb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5	0.2	0.05	0.5	2	0.3	0.05	0.05
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397829	9.8	43.6	0.26	21.4	<2	1.3	0.96	0.65
B00397830	8.0	36.5	0.26	22.4	<2	1.2	0.97	0.69
B00397831	8.4	37.5	0.26	21.6	<2	1.2	0.91	0.61
B00397832	10.3	49.7	0.30	22.6	<2	1.3	0.92	0.62
B00397833	8.1	34.0	0.22	21.8	<2	1.3	0.98	0.70
B00397834	8.5	38.5	0.29	21.4	<2	1.3	0.93	0.66
*Rep B00397404	10.5	53.4	0.35	20.2	<2	1.5	1.13	0.71
*Rep B00397508	10.9	56.1	0.29	19.5	<2	1.5	1.09	0.71
*Rep B00397527	13.5	70.6	0.34	14.3	<2	1.5	0.94	0.70
*Rep B00397823	15.6	76.6	0.90	23.3	<2	1.9	0.97	0.81
*Std OREAS601	308	104	29.95	4.6	12	4.0	0.90	0.53
*Std OREAS601	318	94.9	29.73	4.7	12	4.1	0.92	0.53
*Std OREAS905	32.9	138	2.01	4.9	3	3.9	1.28	0.78
*Std OREAS601	311	93.5	28.61	4.4	11	4.0	0.88	0.51
*Std OREAS905	29.9	136	1.87	4.9	3	3.9	1.27	0.77
*Std OREAS601	309	97.7	29.97	4.5	9	4.2	0.97	0.57
*Std OREAS905	27.7	129	1.76	4.1	<2	3.7	1.20	0.74
*Std OREAS601	315	92.6	29.14	4.7	11	3.9	0.93	0.54
*Std OREAS905	31.0	133	1.84	5.0	3	4.1	1.28	0.78
*Blk BLANK	0.6	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
*Blk BLANK	0.7	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05
*Blk BLANK	<0.5	<0.2	<0.05	<0.5	<2	<0.3	<0.05	<0.05

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Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397401	0.05	6.1	0.22	1.30	0.6	20.3	1.8
B00397402	<0.05	6.1	0.24	1.42	0.7	19.6	1.7
B00397403	0.11	9.6	0.39	3.16	0.6	19.4	1.9
B00397404	<0.05	9.7	0.29	1.55	0.6	19.8	1.8
B00397405	<0.05	7.0	0.29	1.59	0.6	19.5	1.8
B00397406	<0.05	6.1	0.25	1.38	0.6	20.3	1.8
B00397407	<0.05	9.4	0.39	2.31	0.6	17.1	1.6
B00397408	<0.05	8.0	0.29	1.41	0.6	22.5	2.0
B00397409	<0.05	7.5	0.31	1.94	0.5	19.3	1.7
B00397410	0.05	6.1	0.23	1.43	0.6	22.3	1.9
B00397411	<0.05	6.8	0.24	1.48	0.6	22.5	1.9
B00397412	<0.05	7.3	0.27	1.41	0.6	21.7	1.9
B00397413	<0.05	6.6	0.29	1.52	0.5	19.5	1.8
B00397414	<0.05	6.1	0.25	1.47	0.5	19.1	1.8
B00397415	<0.05	7.0	0.29	1.88	0.6	20.4	1.8
B00397416	0.06	8.0	0.30	1.45	0.6	21.2	1.9
B00397417	<0.05	7.1	0.29	1.83	0.5	18.9	1.7
B00397418	<0.05	7.6	0.30	1.66	0.6	22.9	2.1
B00397419	<0.05	6.8	0.27	1.53	0.5	21.7	2.0
B00397420	<0.05	1.2	0.21	0.34	0.1	6.8	0.6
B00397421	<0.05	7.8	0.34	1.86	0.6	18.8	1.8
B00397422	<0.05	7.3	0.29	2.00	0.6	20.0	1.8
B00397423	<0.05	6.6	0.24	1.43	0.6	21.5	1.9
B00397424	<0.05	6.2	0.23	1.59	0.5	21.2	1.9
B00397425	<0.05	5.4	0.20	1.24	0.5	20.9	1.8
B00397426	0.07	9.4	0.47	2.23	0.6	17.5	1.6
B00397427	<0.05	6.0	0.25	1.36	0.6	20.6	1.9
B00397428	<0.05	6.1	0.22	1.47	0.5	20.5	1.8
B00397429	<0.05	9.5	0.34	1.98	0.5	20.1	1.8
B00397430	<0.05	6.0	0.25	1.42	0.5	20.8	1.8
B00397431	0.05	8.3	0.36	2.06	0.6	19.2	1.7
B00397432	0.07	8.4	0.31	1.68	0.6	21.7	2.0
B00397433	0.06	9.2	0.38	2.10	0.6	21.2	1.9
B00397434	<0.05	8.6	0.36	1.71	0.6	20.9	1.9
B00397435	<0.05	9.5	0.31	1.88	0.6	20.8	1.9
B00397436	<0.05	7.5	0.29	1.41	0.6	21.9	2.0
B00397437	<0.05	11.0	0.25	1.61	0.6	21.5	2.0
B00397438	0.05	8.4	0.37	1.87	0.6	19.8	1.8
B00397439	0.06	6.8	0.28	1.68	0.5	21.1	1.9
B00397440	0.10	14.6	0.69	4.94	2.6	14.7	0.6

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	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05 ppm	0.2 ppm	0.02 ppm	0.05 ppm	0.1 ppm	0.1 ppm	0.1 ppm
B00397441	<0.05	6.8	0.30	1.89	0.5	18.6	1.7
B00397442	<0.05	8.7	0.38	2.16	0.6	18.1	1.6
B00397443	<0.05	7.7	0.34	2.11	0.5	17.9	1.6
B00397444	0.06	7.6	0.31	1.57	0.6	21.3	2.0
B00397445	<0.05	6.7	0.21	1.44	0.5	21.9	2.0
B00397446	<0.05	7.1	0.26	1.48	0.6	20.8	1.9
B00397447	<0.05	7.9	0.29	1.59	0.6	21.9	2.0
B00397448	<0.05	7.1	0.25	1.65	0.6	21.8	2.0
B00397449	<0.05	5.4	0.20	1.20	1.0	20.1	1.8
B00397451	0.11	4.7	0.24	1.16	1.0	15.0	1.4
B00397452	<0.05	6.2	0.22	1.48	1.0	18.6	1.7
B00397453	<0.05	6.4	0.26	1.41	0.8	15.8	1.5
B00397454	<0.05	6.0	0.27	1.76	0.8	12.0	1.1
B00397455	<0.05	6.2	0.22	1.31	0.9	14.3	1.3
B00397456	0.05	7.6	0.29	1.78	0.6	15.2	1.4
B00397457	<0.05	8.2	0.25	1.91	0.5	18.8	1.6
B00397458	<0.05	6.8	0.27	1.64	0.6	17.7	1.5
B00397459	<0.05	9.4	0.31	2.17	0.6	18.9	1.6
B00397460	<0.05	9.2	0.32	2.01	0.6	18.4	1.6
B00397461	0.05	5.2	0.22	1.29	0.8	17.0	1.6
B00397462	<0.05	6.8	0.20	1.63	0.6	20.3	1.7
B00397463	<0.05	7.2	0.28	1.44	0.9	19.2	1.7
B00397464	<0.05	7.3	0.22	2.08	0.6	20.1	1.7
B00397465	<0.05	9.2	0.29	2.03	0.5	18.2	1.6
B00397466	<0.05	7.1	0.28	1.74	0.5	15.1	1.3
B00397467	<0.05	6.7	0.25	1.61	0.7	19.9	1.7
B00397468	<0.05	7.4	0.28	1.94	1.8	19.7	1.8
B00397469	<0.05	9.2	0.35	2.10	0.4	17.6	1.5
B00397470	<0.05	11.1	0.43	2.52	0.5	16.0	1.4
B00397471	<0.05	10.4	0.40	2.24	0.4	16.6	1.5
B00397472	<0.05	12.7	0.36	2.53	0.5	16.2	1.4
B00397473	<0.05	8.9	0.35	2.28	0.5	16.9	1.4
B00397474	<0.05	11.2	0.45	2.45	0.5	17.1	1.5
B00397475	<0.05	9.4	0.31	2.12	0.5	16.9	1.5
B00397476	<0.05	8.5	0.31	2.00	0.5	17.4	1.5
B00397477	<0.05	9.1	0.37	2.35	0.5	15.8	1.3
B00397478	0.05	9.6	0.37	2.13	0.5	18.1	1.5
B00397479	<0.05	8.2	0.35	1.94	0.5	14.1	1.2
B00397480	<0.05	1.7	0.22	0.40	0.1	6.2	0.6
B00397481	<0.05	20.9	0.41	2.09	0.5	17.4	1.5

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	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397482	<0.05	5.0	0.19	0.98	0.6	18.4	1.7
B00397483	<0.05	4.5	0.18	0.96	0.6	17.2	1.8
B00397484	0.06	4.5	0.18	0.95	0.6	17.0	1.7
B00397485	<0.05	4.4	0.17	1.14	0.6	19.1	1.7
B00397486	0.07	4.8	0.22	1.00	0.7	17.0	1.8
B00397487	<0.05	9.1	0.32	2.66	0.4	20.8	1.8
B00397488	<0.05	7.2	0.31	1.48	1.1	16.9	1.6
B00397489	0.05	6.1	0.23	1.29	0.5	16.7	1.7
B00397490	0.18	8.6	0.37	2.16	0.5	23.0	2.2
B00397491	<0.05	6.2	0.23	1.58	0.4	17.2	1.6
B00397492	<0.05	7.6	0.32	1.66	0.5	18.5	1.6
B00397493	<0.05	4.8	0.19	0.94	0.5	18.8	1.8
B00397494	0.06	7.7	0.34	1.81	0.5	17.3	1.5
B00397495	<0.05	6.3	0.28	1.33	0.7	19.5	1.8
B00397496	<0.05	6.5	0.27	1.41	0.6	18.7	1.8
B00397497	<0.05	6.3	0.27	1.42	0.7	19.9	1.9
B00397498	0.05	7.5	0.28	1.82	0.5	17.7	1.6
B00397499	<0.05	6.1	0.22	1.41	0.6	19.8	1.7
B00397500	0.08	12.8	0.23	2.48	1.5	7.7	1.1
B00397501	<0.05	6.7	0.29	1.49	0.6	19.2	1.8
B00397502	<0.05	6.3	0.27	1.40	0.7	20.1	1.8
B00397503	<0.05	6.2	0.29	1.27	0.7	19.6	1.9
B00397504	<0.05	6.8	0.29	1.40	0.8	19.4	1.8
B00397505	<0.05	6.7	0.31	1.45	0.8	20.0	1.8
B00397506	<0.05	6.7	0.24	1.47	0.6	18.7	1.7
B00397507	<0.05	7.8	0.29	1.51	0.5	19.9	1.8
B00397508	<0.05	8.4	0.28	1.37	0.6	20.3	1.8
B00397509	0.06	5.7	0.21	1.22	0.5	20.3	1.9
B00397510	<0.05	6.0	0.23	1.31	0.6	19.9	1.9
B00397511	<0.05	5.9	0.21	1.36	0.5	19.5	1.7
B00397512	<0.05	5.6	0.19	1.22	0.5	20.3	1.8
B00397513	<0.05	5.0	0.21	1.09	0.5	20.4	1.9
B00397514	<0.05	4.2	0.19	0.89	0.6	19.2	1.8
B00397515	0.06	5.0	0.22	1.47	0.6	19.2	1.8
B00397516	<0.05	8.5	0.37	1.89	2.6	18.8	1.6
B00397517	<0.05	9.0	0.41	2.01	2.5	18.4	1.7
B00397518	<0.05	9.4	0.39	1.68	2.1	16.2	1.5
B00397519	<0.05	8.1	0.38	1.83	1.6	17.5	1.6
B00397520	<0.05	8.4	0.40	1.91	1.4	17.6	1.6
B00397521	<0.05	8.3	0.37	1.83	1.2	17.4	1.5

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Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397522	<0.05	8.0	0.36	1.89	1.2	18.8	1.6
B00397523	<0.05	10.3	0.34	2.46	1.7	23.2	2.1
B00397524	<0.05	9.0	0.39	1.86	1.1	19.0	1.7
B00397525	<0.05	10.0	0.45	2.27	0.9	17.4	1.6
B00397526	<0.05	10.0	0.43	2.29	1.0	19.0	1.8
B00397527	<0.05	8.5	0.35	1.93	0.9	18.0	1.6
B00397528	<0.05	10.2	0.43	2.15	0.8	17.8	1.6
B00397529	<0.05	10.5	0.45	2.69	0.8	18.1	1.7
B00397530	<0.05	7.6	0.31	1.72	1.1	21.1	1.9
B00397531	<0.05	9.2	0.40	2.10	0.8	18.8	1.7
B00397532	<0.05	10.1	0.39	2.14	0.7	17.5	1.6
B00397533	<0.05	9.3	0.40	1.97	0.7	18.3	1.6
B00397801	<0.05	7.8	0.30	1.95	0.7	17.6	1.6
B00397802	<0.05	8.1	0.31	1.97	0.7	17.5	1.5
B00397803	<0.05	11.8	0.40	2.40	0.8	19.9	1.7
B00397804	<0.05	11.2	0.39	2.85	0.7	20.7	1.8
B00397805	<0.05	9.2	0.34	2.07	0.7	19.6	1.6
B00397806	<0.05	11.0	0.38	2.52	0.6	20.8	1.7
B00397807	<0.05	9.8	0.40	2.10	0.7	18.7	1.6
B00397808	<0.05	8.9	0.32	2.10	0.6	18.2	1.5
B00397809	<0.05	8.8	0.32	2.13	0.6	16.9	1.4
B00397810	<0.05	8.4	0.31	1.87	0.6	18.4	1.5
B00397811	0.05	8.0	0.31	2.10	0.6	19.7	1.6
B00397812	<0.05	9.7	0.38	2.30	0.6	19.2	1.6
B00397813	<0.05	11.0	0.43	3.17	0.7	19.8	1.7
B00397814	<0.05	9.9	0.36	2.12	0.6	20.3	1.7
B00397815	<0.05	9.0	0.37	2.49	0.6	19.2	1.6
B00397816	0.14	10.4	0.36	2.38	0.6	20.3	1.7
B00397817	<0.05	10.0	0.34	3.31	0.6	18.7	1.6
B00397818	<0.05	8.1	0.34	2.17	0.6	18.5	1.6
B00397819	<0.05	13.5	0.37	2.35	0.5	19.1	1.6
B00397820	<0.05	15.1	0.32	2.81	2.2	11.2	1.3
B00397821	<0.05	9.2	0.35	2.00	0.4	15.3	1.3
B00397822	<0.05	9.2	0.33	2.10	0.4	18.0	1.5
B00397823	<0.05	9.0	0.40	2.31	0.9	20.8	2.0
B00397824	<0.05	7.8	0.33	1.84	1.0	20.4	1.9
B00397825	<0.05	6.3	0.36	1.54	0.6	20.3	1.9
B00397826	0.11	7.4	0.33	1.97	0.5	19.1	1.8
B00397827	<0.05	6.4	0.33	1.42	0.6	19.3	1.9
B00397828	0.05	5.6	0.24	1.34	0.5	19.0	1.8

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Element Method Det.Lim. Units	@Te	@Th	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.2	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B00397829	<0.05	5.8	0.23	1.31	0.4	17.1	1.6
B00397830	0.05	4.8	0.18	1.20	0.4	18.7	1.7
B00397831	<0.05	5.4	0.19	1.24	0.4	16.9	1.6
B00397832	<0.05	6.4	0.25	1.53	0.5	18.0	1.7
B00397833	<0.05	4.8	0.17	1.05	0.4	19.2	1.7
B00397834	<0.05	5.6	0.18	1.23	0.4	17.9	1.6
*Rep B00397404	<0.05	7.4	0.28	1.54	0.5	19.6	1.8
*Rep B00397508	<0.05	7.5	0.27	1.35	0.6	19.4	1.7
*Rep B00397527	<0.05	8.2	0.36	1.92	0.7	17.8	1.6
*Rep B00397823	<0.05	8.9	0.39	2.31	0.8	21.4	2.0
*Std OREAS601	15.59	10.8	1.14	3.84	5.3	10.8	0.6
*Std OREAS601	15.49	11.0	1.17	3.89	5.4	10.8	0.6
*Std OREAS905	0.06	14.4	0.69	4.97	2.6	15.0	0.6
*Std OREAS601	14.95	10.9	1.14	3.82	5.3	10.7	0.6
*Std OREAS905	0.11	14.4	0.68	4.92	2.6	15.1	0.6
*Std OREAS601	14.30	11.1	1.15	3.94	5.9	11.2	0.6
*Std OREAS905	0.06	13.1	0.61	4.54	2.4	14.3	0.6
*Std OREAS601	16.07	10.9	1.12	3.84	5.4	10.7	0.6
*Std OREAS905	0.06	13.9	0.67	4.88	2.7	14.7	0.6
*Blk BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1
*Blk BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1
*Blk BLANK	<0.05	<0.2	<0.02	<0.05	0.1	<0.1	<0.1
*Blk BLANK	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1	<0.1

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Certificate of Analysis
Work Order : VC200161
[Report File No.: 0000038344]

Date: March 03, 2020

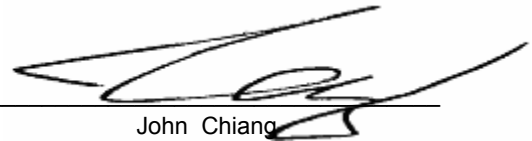
To: ARNAUD FONTAINE
ORFORD MINING CORP
 141 ADELAIDE ST W
 SUITE 1608
 TORONTO ON M5H 3L5

P.O. No.: QK-19-LARGETILL-02/ 110 Pulp
Project No.: -
Samples: 110
Received: Feb 6, 2020
Pages: Page 1 to 23
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
110	G_LOG02	Pre-preparation processing, sorting, logging, boxing
110	G_WGH79	Weighing of samples and reporting of weights
110	GE_FAI313	@Au, Pt, Pd, FAS, ICP-AES, 30g - 5ml (Clean Pots only)
110	ZMS_ICM40B	Package - GE_ICM40B (GE_IC40A+GE_IC40M)
110	GE_IC40A	Multi-acid (4-acid) digestion/ICP-AES finish
110	GE_IC40M	Multi-acid (4-acid) digestion/ICP-MS finish

Certified By :



John Chiang
 Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	Au@ GE_FAI313 ppb	Pt@ GE_FAI313 ppb	Pd@ GE_FAI313 ppb	@Ag GE_ICM40B ppm	@Al GE_ICM40B %	@Ba GE_ICM40B ppm	@Ca GE_ICM40B %
117420024.1	0.063	<1	<10	<1	<0.02	0.02	2	<0.01
117420025	0.338	1	<10	<1	0.06	6.82	487	1.85
117420030	0.283	<1	<10	1	0.03	6.63	374	2.61
117420032	0.327	2	<10	3	0.04	6.76	339	2.53
117420036	0.183	15	<10	4	0.12	7.03	390	2.38
117420037	0.186	4	<10	3	0.06	6.95	383	2.13
117420040	0.163	4	<10	3	0.07	7.07	460	2.03
117420047	0.142	18	<10	2	0.11	6.98	415	2.34
117420053	0.168	<1	<10	2	0.07	6.96	459	1.95
117420054	0.222	<1	<10	2	0.05	6.94	467	2.09
117420056	0.263	<1	<10	2	0.04	6.72	441	2.27
117420057	0.344	<1	<10	1	<0.02	6.60	430	2.31
117420058	0.270	<1	<10	1	0.04	7.12	440	2.24
117420075	0.213	<1	<10	1	0.03	7.16	442	2.22
117420076	0.178	<1	<10	1	0.10	7.43	486	1.88
117420079	0.221	<1	<10	2	0.06	6.91	494	2.05
117420079.1	0.065	<1	<10	1	<0.02	7.85	136	0.29
117420081	0.147	<1	<10	2	0.08	7.06	492	2.03
117420082	0.231	<1	<10	1	0.07	7.45	576	1.53
117420083	0.183	3	<10	2	0.04	6.67	432	2.22
117420088	0.182	<1	<10	2	0.04	6.43	465	2.22
117420089	0.154	<1	<10	2	0.07	6.25	474	2.01
117420090	0.196	<1	<10	1	0.06	6.39	507	1.86
117420091	0.198	<1	<10	1	0.07	6.59	553	1.93
117420092	0.285	<1	<10	2	0.08	6.55	537	1.62
117420093	0.238	2	<10	2	0.05	6.84	437	2.32
117420094	0.227	<1	<10	2	0.12	6.78	482	2.12
117420095	0.152	<1	<10	1	0.05	6.80	475	2.08
117420096	0.151	<1	<10	2	0.04	6.95	426	2.18
117420097	0.174	<1	<10	2	0.04	7.11	481	1.96
117420098	0.170	<1	<10	1	0.06	6.83	449	1.98
117420099	0.180	<1	<10	1	0.07	7.08	526	1.91
117420099.1	0.061	17	39	60	0.12	7.93	190	0.09
117420100	0.179	6	<10	1	0.09	7.40	447	1.90
117420101	0.188	10	<10	3	0.08	6.98	379	2.32
117420102	0.144	8	<10	2	0.12	7.62	376	1.84
117420103	0.107	14	<10	3	0.26	6.85	367	2.04
117420104	0.185	8	<10	2	0.07	7.89	435	1.73
117420105	0.187	11	<10	1	0.06	6.68	426	1.61
117420106	0.192	10	<10	1	0.07	7.15	491	1.55

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117420107	0.483	14	<10	<1	0.04	7.02	494	1.65
117420108	0.123	6	<10	2	0.09	7.03	433	1.84
117420109	0.146	5	<10	2	0.06	6.64	413	1.81
117420110	0.313	<1	<10	<1	0.04	6.59	512	1.59
117420111	0.283	9	<10	<1	0.06	6.33	412	2.07
117420112	0.178	4	<10	2	0.06	6.63	542	1.45
117420113	0.286	10	<10	<1	0.05	6.71	432	2.03
117420113.1	0.072	<1	<10	<1	<0.02	0.02	3	<0.01
117420114	0.430	74	<10	1	0.05	7.08	570	1.56
117420115	0.306	2	<10	2	0.04	7.11	452	1.82
117420116	0.307	<1	<10	1	0.04	7.15	497	1.76
117420117	0.091	9	<10	3	0.08	7.18	533	1.49
117420118	0.364	16	<10	2	0.03	7.27	515	1.63
117420119	0.243	8	<10	3	0.13	6.73	349	2.33
117420120	0.149	17	<10	3	0.09	6.73	346	2.30
117420121	0.284	9	<10	2	<0.02	5.87	348	2.64
117420122	0.233	<1	<10	1	0.09	6.44	529	1.50
117420123	0.220	<1	<10	1	0.09	6.60	541	1.43
117420124	0.199	4	<10	2	0.06	6.66	512	1.70
117420125	0.256	2	<10	<1	0.08	6.91	537	1.55
117420126	0.267	5	<10	1	0.12	7.22	433	1.19
117420127	0.507	<1	<10	<1	0.05	7.47	549	1.44
117420128	0.217	2	<10	1	0.08	6.76	545	1.55
117420129	0.375	15	<10	<1	0.06	6.39	447	1.59
117420130	0.101	4	<10	2	0.08	6.65	415	1.90
117420131	0.558	4	<10	1	0.03	6.33	466	1.84
117420132	0.251	4	<10	2	0.05	6.87	452	1.75
117420133	0.210	2	<10	2	0.06	7.05	483	1.84
117420134	0.198	<1	<10	2	0.05	6.75	444	1.96
117420135	0.237	4	<10	3	0.08	7.02	436	2.05
117420135.1	0.059	<1	<10	1	0.03	8.34	135	0.29
117420136	0.128	8	<10	4	0.07	7.52	374	1.81
117420137	0.222	12	<10	2	<0.02	6.74	359	2.31
117420138	0.200	2	<10	3	0.07	7.10	387	2.27
117420139	0.331	4	<10	3	0.04	7.09	361	2.33
117420140	0.135	5	<10	3	0.07	7.07	371	2.27
117420141	0.269	7	<10	3	1.13	7.26	386	2.50
117420142	0.215	6	<10	3	0.15	7.11	396	2.40
117420143	0.360	7	<10	2	0.03	7.55	385	2.65
117420144	0.096	5	<10	2	0.17	8.33	437	1.66

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117420144.1	0.062	19	38	58	0.12	9.01	196	0.09
117420145	0.281	4	<10	3	0.05	7.21	361	2.61
117420146	0.185	6	<10	3	0.06	7.42	370	2.49
117420147	0.103	20	<10	5	0.14	7.30	356	2.60
117420148	0.356	9	15	2	0.05	7.11	379	2.54
117420149	0.351	7	<10	3	0.04	7.30	364	2.80
117420150	0.301	9	<10	3	0.03	7.16	346	2.89
117420151	0.320	7	<10	3	0.05	7.45	368	2.69
117420152	0.132	9	<10	5	0.07	7.64	368	2.77
117420153	0.244	12	<10	2	0.13	6.78	435	2.17
117420154	0.170	5	<10	3	0.05	6.81	380	2.58
117420155	0.270	4	<10	2	0.10	6.76	509	2.01
117420156	0.201	7	<10	3	0.08	6.54	487	2.22
117420157	0.249	11	<10	4	0.09	6.34	341	2.55
117420158	0.106	8	<10	3	0.09	6.70	416	2.54
117420159	0.157	10	<10	3	0.06	6.71	395	2.71
117420160	0.337	4	<10	3	0.04	6.61	395	2.73
117420161	0.082	11	<10	4	0.06	6.89	415	2.72
117420162	0.294	8	<10	3	0.02	6.60	329	2.88
117420163	0.247	4	<10	3	0.05	6.99	388	2.47
117420164	0.169	4	<10	3	0.04	6.61	326	2.94
117420165	0.192	5	<10	3	0.07	6.58	349	2.82
117420166	0.107	6	<10	4	0.08	7.16	357	2.62
117420166.1	0.061	1	<10	<1	0.03	0.02	2	<0.01
117420167	0.116	6	<10	3	0.08	7.30	374	2.58
117420168	0.295	5	<10	3	0.03	7.02	332	3.07
117420169	0.217	6	<10	3	0.05	7.16	386	2.74
117420170	0.434	5	<10	2	0.27	6.64	363	2.68
117420171	0.387	7	<10	2	0.04	7.06	412	2.42
117420172	0.213	12	<10	3	0.06	7.23	389	2.79
*Rep 117420079		<1	<10	2				
*Rep 117420105		7	<10	1				
*Rep 117420124		6	<10	2				
*Rep 117420150		10	<10	3				
*Rep 117420159		8	<10	3				
*Std OREAS45F		15	35	52				
*Std OXC145		194	<10	<1				
*Std OREAS45F		19	42	62				
*Bik BLANK		<1	<10	<1				
*Bik BLANK		<1	<10	1				

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Element Method Det.Lim. Units	Au@ GE_FAI313 1 ppb	Pt@ GE_FAI313 10 ppb	Pd@ GE_FAI313 1 ppb	@Ag GE_ICM40B 0.02 ppm	@Al GE_ICM40B 0.01 %	@Ba GE_ICM40B 1 ppm	@Ca GE_ICM40B 0.01 %
*Bik BLANK	2	<10	<1				
*Rep 117420137				0.03	6.86	350	2.33
*Rep 117420166				0.07	7.26	355	2.69
*Std OREAS601				58.90	6.39	1704	1.20
*Std OREAS601				53.47	6.04	1074	1.23
*Std OREAS601				51.84	6.81	1527	1.31
*Bik BLANK				<0.02	<0.01	<1	<0.01
*Bik BLANK				<0.02	0.01	1	<0.01
*Bik BLANK				<0.02	<0.01	<1	<0.01
*Std OXC145	203	<10	<1				

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	0.01	0.01	1	0.01	2	0.01
	ppm	ppm	%	%	ppm	%	ppm	%
117420024.1	13	1.7	0.13	<0.01	4	<0.01	137	<0.01
117420025	153	43.8	5.11	1.54	26	1.53	632	1.88
117420030	309	57.4	5.97	1.14	22	2.57	971	1.74
117420032	305	67.2	6.04	1.18	19	2.36	926	1.80
117420036	333	89.4	7.15	1.31	21	2.54	1091	1.74
117420037	254	82.7	7.38	1.20	22	2.23	1156	1.69
117420040	249	72.0	7.12	1.48	25	2.21	1229	1.75
117420047	277	60.4	6.71	1.42	23	2.35	1073	1.78
117420053	206	46.8	6.86	1.44	25	1.88	927	1.85
117420054	206	43.5	6.65	1.50	25	1.89	989	1.89
117420056	261	35.6	6.44	1.47	23	2.10	762	1.82
117420057	210	25.5	5.67	1.36	22	1.70	810	2.18
117420058	257	46.9	6.85	1.32	24	2.04	986	1.96
117420075	263	34.6	7.24	1.40	24	2.33	1088	1.94
117420076	142	47.5	6.82	1.61	26	1.68	951	1.85
117420079	200	44.7	6.84	1.45	28	1.91	915	1.87
117420079.1	108	31.0	7.49	0.49	37	0.31	492	0.13
117420081	257	51.8	7.48	1.39	27	2.13	1179	1.92
117420082	65	34.5	4.87	1.68	33	1.08	617	2.13
117420083	308	47.5	6.41	1.40	23	2.31	962	1.89
117420088	282	47.4	6.20	1.53	24	2.29	930	1.92
117420089	246	46.2	6.19	1.47	25	2.35	1046	1.87
117420090	182	43.1	5.65	1.70	26	1.84	820	1.86
117420091	157	52.1	5.96	1.68	30	2.01	968	1.87
117420092	61	43.5	5.02	1.69	30	1.30	666	1.92
117420093	301	51.1	6.74	1.50	24	2.37	962	1.85
117420094	246	50.8	6.40	1.56	26	2.07	865	1.94
117420095	190	45.0	6.05	1.68	25	1.79	898	2.02
117420096	261	46.8	6.75	1.49	24	2.07	1022	1.89
117420097	207	50.2	7.08	1.63	26	2.06	1121	1.86
117420098	246	47.1	7.10	1.49	24	2.15	1050	1.79
117420099	181	48.0	6.60	1.59	28	1.91	988	1.96
117420099.1	420	329	>15.0	0.22	20	0.22	219	0.07
117420100	242	77.0	7.30	1.51	25	1.99	915	1.73
117420101	290	87.5	7.34	1.40	22	2.34	1112	1.65
117420102	201	103	8.42	1.27	24	2.04	1287	1.66
117420103	267	119	8.40	1.26	23	2.08	855	1.65
117420104	217	86.6	7.60	1.53	26	1.93	898	1.68
117420105	218	91.4	6.78	1.31	25	2.00	1064	1.51
117420106	202	81.3	6.23	1.52	28	1.82	1010	1.58

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Element Method Det.Lim. Units	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.5	0.01	0.01	1	0.01	2	0.01
	ppm	ppm	%	%	ppm	%	ppm	%
117420107	137	56.2	5.20	1.41	24	1.49	770	2.03
117420108	284	103	7.09	1.35	26	2.19	1030	1.55
117420109	264	80.3	5.96	1.33	23	1.92	637	1.55
117420110	94	29.9	4.35	1.36	24	1.22	638	2.01
117420111	182	72.7	5.37	1.27	22	1.67	835	2.02
117420112	188	66.4	5.48	1.52	28	1.59	1461	1.53
117420113	205	83.4	5.88	1.39	22	1.87	875	1.89
117420113.1	3	<0.5	0.13	<0.01	4	<0.01	137	<0.01
117420114	97	49.9	4.85	1.44	29	1.31	810	2.04
117420115	185	49.4	5.85	1.43	23	1.59	826	1.76
117420116	104	46.5	5.52	1.36	23	1.33	1581	1.97
117420117	244	93.6	7.20	1.42	31	1.90	1260	1.61
117420118	177	68.5	6.03	1.55	24	1.64	930	1.78
117420119	217	123	7.52	1.16	20	2.19	1102	1.71
117420120	276	158	7.75	1.18	24	2.68	1370	1.53
117420121	249	79.5	5.37	1.14	18	2.21	949	1.86
117420122	101	56.5	4.91	1.49	28	1.44	752	1.73
117420123	91	57.8	5.23	1.53	28	1.36	727	1.63
117420124	160	80.8	5.75	1.38	24	1.68	915	1.84
117420125	79	42.2	5.12	1.72	27	1.23	629	1.88
117420126	115	87.0	8.82	1.37	22	1.40	1206	1.59
117420127	84	37.4	4.59	1.67	28	1.16	635	2.20
117420128	142	53.6	5.04	1.50	29	1.54	857	1.79
117420129	147	75.3	5.33	1.58	24	1.60	765	1.73
117420130	311	90.7	6.57	1.41	25	2.33	1000	1.54
117420131	108	66.4	4.53	1.37	21	1.39	731	2.07
117420132	215	64.4	5.90	1.53	25	1.83	823	1.63
117420133	205	61.1	5.71	1.63	27	1.83	918	1.86
117420134	260	52.9	5.76	1.47	24	1.97	812	1.77
117420135	210	69.6	6.32	1.52	24	2.03	830	1.75
117420135.1	116	31.8	7.08	0.47	36	0.33	468	0.13
117420136	225	126	8.36	1.37	22	2.16	1490	1.58
117420137	328	48.1	6.02	1.24	19	2.21	824	1.84
117420138	316	79.3	6.57	1.29	23	2.42	889	1.70
117420139	264	74.6	6.32	1.22	20	2.29	751	1.81
117420140	273	108	7.70	1.25	24	2.59	1071	1.68
117420141	296	73.6	6.00	1.21	23	2.53	864	1.75
117420142	289	67.1	5.61	1.13	22	2.44	890	1.75
117420143	281	69.0	5.92	1.23	20	2.39	963	1.81
117420144	195	110	7.68	1.44	27	1.94	1156	1.63

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	Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na
	Method	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	Det.Lim.	1	0.5	0.01	0.01	1	0.01	2	0.01
	Units	ppm	ppm	%	%	ppm	%	ppm	%
117420144.1		403	336	14.1	0.22	21	0.23	218	0.07
117420145		373	56.7	5.72	1.15	21	2.53	875	1.73
117420146		408	74.7	6.17	1.19	23	2.72	904	1.60
117420147		340	145	7.31	1.04	24	2.94	1257	1.60
117420148		286	58.3	5.40	1.17	19	2.24	828	1.81
117420149		250	60.0	5.92	1.18	18	2.19	978	1.87
117420150		252	66.5	5.71	1.06	18	2.21	1043	1.93
117420151		226	82.1	6.09	1.17	20	2.47	983	1.88
117420152		312	110	7.01	1.14	24	2.90	1186	1.67
117420153		246	74.3	5.70	1.30	24	1.99	890	1.71
117420154		292	81.0	6.11	1.20	24	2.73	1055	1.72
117420155		207	64.1	4.99	1.31	27	1.95	745	1.88
117420156		226	72.2	4.90	1.52	27	2.07	717	1.89
117420157		302	96.5	5.55	1.09	21	2.70	1079	1.65
117420158		247	94.5	5.68	1.34	25	2.75	1134	1.83
117420159		337	93.7	5.53	1.28	23	2.78	920	1.73
117420160		290	70.7	5.15	1.18	23	2.60	873	1.85
117420161		322	80.2	6.12	1.23	25	2.87	1163	1.76
117420162		358	65.1	5.59	1.07	20	3.15	960	1.71
117420163		303	57.7	5.47	1.22	21	2.43	846	1.79
117420164		332	68.6	5.88	0.99	21	2.81	978	1.67
117420165		386	82.3	5.85	1.00	21	2.89	1005	1.74
117420166		269	84.6	6.03	1.17	21	2.45	902	1.67
117420166.1		3	1.0	0.12	<0.01	4	<0.01	129	<0.01
117420167		336	76.4	6.08	1.19	23	2.63	850	1.69
117420168		363	60.4	6.07	1.09	19	2.78	1076	1.78
117420169		264	60.2	5.77	1.13	20	2.38	993	1.82
117420170		285	46.2	5.51	1.08	18	2.15	851	1.88
117420171		268	52.6	5.17	1.19	20	2.02	719	1.86
117420172		287	62.2	5.90	1.25	20	2.40	995	1.90
	Element	@Cr	@Cu	@Fe	@K	@Li	@Mg	@Mn	@Na
	Method	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	Det.Lim.	1	0.5	0.01	0.01	1	0.01	2	0.01
	Units	ppm	ppm	%	%	ppm	%	ppm	%
*Rep 117420137		339	46.9	6.09	1.24	18	2.19	827	1.82
*Rep 117420166		283	81.7	6.18	1.09	21	2.47	922	1.74
*Std OREAS601		39	956	2.65	2.14	21	0.38	483	1.37
*Std OREAS601		29	1009	2.51	2.09	21	0.38	465	1.35
*Std OREAS601		32	947	2.51	2.08	21	0.37	471	1.36
*Blk BLANK		<1	<0.5	<0.01	<0.01	<1	<0.01	<2	<0.01
*Blk BLANK		1	<0.5	0.01	<0.01	<1	<0.01	2	0.01
*Blk BLANK		2	<0.5	<0.01	<0.01	<1	<0.01	<2	<0.01

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Element Method Det.Lim. Units	@Ni	@P	@S	@Sr	@Ti	@V	@Zn	@Zr
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm	1 ppm	0.5 ppm
117420024.1	7.4	<0.01	<0.01	0.9	<0.01	<2	2	0.7
117420025	61.8	0.08	<0.01	209	0.61	160	82	162
117420030	135	0.07	<0.01	189	0.59	189	71	123
117420032	124	0.06	<0.01	197	0.66	193	66	153
117420036	162	0.08	<0.01	181	0.66	216	86	153
117420037	130	0.09	<0.01	185	0.62	222	92	146
117420040	137	0.10	<0.01	186	0.64	192	95	173
117420047	140	0.09	<0.01	184	0.64	200	85	176
117420053	125	0.10	<0.01	170	0.71	189	101	193
117420054	119	0.10	<0.01	182	0.71	181	95	175
117420056	127	0.10	<0.01	168	0.77	185	89	179
117420057	93.5	0.11	<0.01	232	0.77	168	75	173
117420058	122	0.10	<0.01	189	0.80	191	87	207
117420075	161	0.11	<0.01	173	0.77	197	94	202
117420076	91.5	0.09	<0.01	178	0.62	188	101	183
117420079	108	0.10	<0.01	187	0.61	179	97	173
117420079.1	49.9	0.05	0.05	46.7	0.88	187	40	170
117420081	140	0.10	<0.01	177	0.70	199	104	190
117420082	40.2	0.08	<0.01	259	0.41	127	90	157
117420083	139	0.10	<0.01	165	0.78	194	89	171
117420088	128	0.11	<0.01	178	0.85	187	91	180
117420089	136	0.11	<0.01	159	0.82	192	89	172
117420090	100	0.10	<0.01	178	0.71	173	95	182
117420091	104	0.10	<0.01	192	0.63	170	102	202
117420092	40.4	0.08	<0.01	213	0.53	140	96	167
117420093	147	0.10	<0.01	165	0.78	193	95	177
117420094	117	0.09	0.01	188	0.69	180	100	175
117420095	100	0.10	<0.01	205	0.70	173	91	175
117420096	137	0.10	<0.01	180	0.70	190	89	180
117420097	121	0.10	<0.01	169	0.67	191	103	179
117420098	138	0.11	<0.01	159	0.73	190	97	184
117420099	114	0.10	<0.01	192	0.65	172	101	177
117420099.1	268	0.03	0.03	24.1	0.97	269	30	168
117420100	107	0.08	<0.01	177	0.59	202	107	160
117420101	134	0.08	<0.01	171	0.61	221	94	144
117420102	101	0.08	0.01	185	0.59	245	117	142
117420103	131	0.07	0.01	183	0.55	223	128	150
117420104	106	0.08	0.01	178	0.60	201	109	151
117420105	88.3	0.08	<0.01	161	0.63	195	104	133
117420106	90.0	0.08	<0.01	169	0.59	173	98	151

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Element Method Det.Lim. Units	@Ni	@P	@S	@Sr	@Ti	@V	@Zn	@Zr
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm	1 ppm	0.5 ppm
117420107	70.5	0.08	<0.01	223	0.53	143	78	149
117420108	134	0.09	<0.01	149	0.66	194	126	147
117420109	93.3	0.07	<0.01	166	0.65	178	81	153
117420110	45.8	0.10	<0.01	238	0.58	118	67	174
117420111	68.1	0.09	<0.01	231	0.68	176	88	135
117420112	82.7	0.11	<0.01	166	0.59	160	102	159
117420113	82.9	0.07	<0.01	218	0.71	197	90	155
117420113.1	6.2	<0.01	<0.01	1.1	<0.01	3	<1	<0.5
117420114	57.5	0.08	<0.01	251	0.49	133	88	168
117420115	81.7	0.08	<0.01	202	0.60	150	80	156
117420116	62.7	0.10	<0.01	237	0.52	129	90	172
117420117	125	0.10	<0.01	166	0.55	179	122	173
117420118	78.4	0.09	<0.01	171	0.64	166	91	154
117420119	114	0.08	<0.01	191	0.61	202	118	129
117420120	147	0.09	<0.01	151	0.73	238	126	126
117420121	98.9	0.09	<0.01	210	0.77	192	75	142
117420122	59.7	0.10	<0.01	186	0.59	144	95	164
117420123	49.1	0.09	<0.01	164	0.56	145	108	170
117420124	68.2	0.09	<0.01	211	0.65	176	89	169
117420125	39.9	0.09	<0.01	208	0.51	138	92	166
117420126	53.0	0.11	0.07	188	0.60	198	99	145
117420127	41.0	0.09	<0.01	271	0.44	125	72	150
117420128	72.4	0.09	<0.01	196	0.56	137	95	169
117420129	67.5	0.07	<0.01	184	0.62	155	88	169
117420130	141	0.10	<0.01	147	0.73	201	108	155
117420131	59.8	0.09	<0.01	241	0.54	132	77	139
117420132	89.8	0.08	<0.01	170	0.60	170	80	151
117420133	94.8	0.10	<0.01	208	0.60	168	93	180
117420134	109	0.09	<0.01	191	0.65	167	81	162
117420135	121	0.08	<0.01	188	0.65	180	92	179
117420135.1	47.2	0.05	0.05	45.9	1.03	169	40	182
117420136	131	0.09	<0.01	171	0.64	225	103	150
117420137	136	0.08	<0.01	195	0.71	184	86	163
117420138	139	0.08	<0.01	186	0.67	192	85	152
117420139	127	0.08	<0.01	189	0.67	195	81	148
117420140	152	0.08	<0.01	171	0.64	203	99	148
117420141	140	0.07	<0.01	198	0.59	181	75	169
117420142	140	0.08	0.01	207	0.53	168	75	147
117420143	134	0.07	<0.01	212	0.64	189	69	148
117420144	83.3	0.09	<0.01	194	0.59	227	115	140

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Element Method Det.Lim. Units	@Ni	@P	@S	@Sr	@Ti	@V	@Zn	@Zr
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm	1 ppm	0.5 ppm
117420144.1	255	0.03	0.03	24.4	1.07	248	29	151
117420145	148	0.06	0.01	188	0.63	183	67	138
117420146	165	0.08	0.02	177	0.59	188	76	131
117420147	161	0.08	<0.01	184	0.65	210	98	134
117420148	133	0.06	<0.01	227	0.60	177	64	141
117420149	111	0.08	<0.01	218	0.68	204	69	139
117420150	114	0.07	<0.01	214	0.67	196	65	129
117420151	120	0.07	<0.01	197	0.65	195	69	119
117420152	141	0.08	<0.01	180	0.68	217	89	131
117420153	96.2	0.08	<0.01	185	0.67	188	85	145
117420154	134	0.07	<0.01	178	0.68	202	78	121
117420155	90.5	0.09	<0.01	208	0.60	163	90	139
117420156	88.2	0.09	<0.01	218	0.63	162	83	157
117420157	135	0.08	<0.01	174	0.73	201	75	122
117420158	138	0.09	<0.01	185	0.67	188	85	125
117420159	139	0.07	<0.01	202	0.62	185	76	138
117420160	144	0.08	<0.01	217	0.63	176	72	141
117420161	161	0.09	<0.01	185	0.71	198	86	137
117420162	174	0.07	<0.01	177	0.67	188	67	126
117420163	147	0.08	<0.01	201	0.62	175	70	146
117420164	148	0.08	<0.01	170	0.70	195	72	128
117420165	157	0.07	<0.01	186	0.70	199	74	133
117420166	126	0.08	<0.01	182	0.65	199	77	132
117420166.1	5.5	<0.01	<0.01	0.8	<0.01	<2	1	<0.5
117420167	157	0.08	<0.01	183	0.64	192	75	150
117420168	152	0.08	<0.01	190	0.74	199	68	136
117420169	138	0.08	<0.01	212	0.65	178	72	145
117420170	112	0.08	<0.01	210	0.76	182	64	157
117420171	111	0.08	<0.01	211	0.64	171	67	166
117420172	138	0.08	<0.01	209	0.66	181	72	138
Element Method Det.Lim. Units	@Ni	@P	@S	@Sr	@Ti	@V	@Zn	@Zr
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	0.01 %	0.5 ppm	0.01 %	2 ppm	1 ppm	0.5 ppm
*Rep 117420137	134	0.09	<0.01	196	0.73	186	84	158
*Rep 117420166	130	0.08	<0.01	185	0.63	198	76	130
*Std OREAS601	24.0	0.05	1.20	222	0.18	30	1319	169
*Std OREAS601	24.7	0.05	1.17	217	0.20	31	1380	158
*Std OREAS601	27.3	0.05	1.18	228	0.19	29	1268	157
*Blk BLANK	<0.5	<0.01	<0.01	<0.5	<0.01	<2	<1	<0.5
*Blk BLANK	<0.5	<0.01	<0.01	<0.5	<0.01	2	<1	<0.5
*Blk BLANK	<0.5	<0.01	<0.01	<0.5	<0.01	<2	<1	<0.5

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Element Method Det.Lim. Units	@As	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.04	0.02	0.05	0.1	1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420024.1	<1	<0.1	<0.04	<0.02	0.17	0.3	<1	0.2
117420025	6	1.4	0.07	0.10	61.75	19.3	2	19.0
117420030	4	1.1	0.05	0.13	53.28	32.2	1	17.2
117420032	3	1.1	0.05	0.13	57.39	31.9	1	17.3
117420036	11	1.2	0.08	0.15	56.01	36.6	1	17.6
117420037	14	1.2	0.07	0.19	54.04	37.2	1	19.3
117420040	9	1.5	0.07	0.22	70.54	36.1	2	19.9
117420047	4	1.3	0.08	0.19	68.72	34.0	1	18.7
117420053	5	1.6	0.07	0.20	78.12	28.2	2	19.9
117420054	4	1.7	0.07	0.18	74.06	26.1	2	19.4
117420056	2	1.4	0.06	0.14	72.24	25.8	1	18.8
117420057	3	1.4	0.05	0.15	72.51	22.8	1	18.9
117420058	4	1.6	0.06	0.16	67.15	30.0	1	19.6
117420075	3	1.7	0.05	0.18	76.61	32.5	1	20.1
117420076	6	1.5	0.08	0.22	69.61	27.3	2	20.4
117420079	5	1.6	0.08	0.21	79.40	27.5	2	20.0
117420079.1	9	0.9	0.31	0.04	45.82	7.7	7	26.6
117420081	6	1.6	0.07	0.23	76.82	33.6	2	20.2
117420082	5	1.6	0.11	0.14	73.55	15.9	3	21.7
117420083	5	1.4	0.06	0.21	74.24	32.4	1	19.0
117420088	4	1.5	0.06	0.18	69.39	29.9	2	19.5
117420089	5	1.6	0.06	0.22	78.71	33.5	1	19.1
117420090	4	1.7	0.08	0.18	76.38	25.3	2	20.3
117420091	5	1.9	0.10	0.26	77.61	28.9	2	20.4
117420092	5	1.6	0.10	0.18	65.60	17.7	3	20.2
117420093	5	1.4	0.06	0.19	67.42	30.2	1	19.0
117420094	5	1.5	0.07	0.18	67.76	27.0	2	19.8
117420095	5	1.5	0.07	0.20	77.02	27.9	2	20.1
117420096	5	1.4	0.07	0.20	73.77	30.4	2	19.2
117420097	5	1.8	0.07	0.24	83.00	33.4	2	21.1
117420098	5	1.5	0.07	0.21	75.59	31.7	2	19.5
117420099	5	1.6	0.09	0.25	72.78	29.0	2	19.8
117420099.1	9	1.2	0.20	<0.02	24.00	45.8	4	27.6
117420100	13	1.5	0.12	0.19	64.34	32.4	2	20.0
117420101	19	1.3	0.12	0.23	59.72	39.1	2	19.0
117420102	24	1.2	0.16	0.24	48.97	37.9	2	19.9
117420103	29	1.2	0.09	0.27	53.41	33.1	2	19.2
117420104	21	1.5	0.20	0.17	59.81	29.4	2	20.3
117420105	17	1.4	0.16	0.20	58.77	33.9	2	19.9
117420106	16	1.6	0.19	0.18	70.17	31.1	3	20.8

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Element Method Det.Lim. Units	@As	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.04 ppm	GE_ICM40B 0.02 ppm	GE_ICM40B 0.05 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm
117420107	11	1.4	0.11	0.13	70.99	23.1	2	19.1
117420108	20	1.3	0.13	0.33	66.08	38.6	2	19.7
117420109	11	1.3	0.13	0.12	65.76	25.2	2	18.3
117420110	4	1.4	0.07	0.11	67.34	17.1	2	18.7
117420111	14	1.1	0.06	0.18	58.07	27.3	2	18.9
117420112	18	1.7	0.19	0.25	80.37	29.1	3	20.5
117420113	18	1.3	0.07	0.14	62.27	29.1	2	19.1
117420113.1	<1	<0.1	<0.04	<0.02	0.06	0.3	<1	0.2
117420114	7	1.5	0.08	0.14	83.10	21.4	2	20.9
117420115	5	1.3	0.07	0.14	65.02	23.9	2	18.6
117420116	5	1.4	0.07	0.26	71.40	24.0	2	18.9
117420117	27	1.6	0.20	0.32	86.85	38.9	3	21.9
117420118	15	1.5	0.15	0.14	81.39	28.1	2	19.7
117420119	20	1.0	0.07	0.32	54.20	41.7	1	18.1
117420120	26	1.2	0.09	0.33	56.69	52.6	2	18.9
117420121	5	1.1	0.05	0.17	59.51	34.4	<1	17.3
117420122	6	1.6	0.10	0.23	74.26	22.5	3	20.1
117420123	7	1.5	0.10	0.28	72.60	21.3	3	20.6
117420124	14	1.3	0.09	0.14	61.93	27.9	2	20.7
117420125	5	1.5	0.09	0.16	70.70	17.2	2	20.5
117420126	85	1.3	0.40	0.19	66.66	31.1	2	20.5
117420127	5	1.5	0.09	0.09	69.42	17.8	2	20.8
117420128	10	1.5	0.13	0.18	73.49	24.4	3	20.8
117420129	16	1.3	0.16	0.17	73.50	26.8	2	19.7
117420130	17	1.3	0.12	0.25	69.89	39.0	2	19.6
117420131	6	1.3	0.06	0.17	67.75	24.5	1	19.0
117420132	16	1.4	0.14	0.13	68.86	27.5	2	19.1
117420133	7	1.5	0.08	0.22	69.72	28.4	2	19.4
117420134	4	1.4	0.07	0.14	67.39	25.6	2	18.8
117420135	12	1.2	0.10	0.16	65.25	30.8	2	19.2
117420135.1	10	0.9	0.33	0.04	48.22	7.6	7	26.2
117420136	25	1.3	0.13	0.23	56.29	47.2	2	20.9
117420137	9	1.0	0.07	0.20	55.62	29.5	1	17.1
117420138	4	1.2	0.06	0.16	57.01	32.7	2	18.4
117420139	6	1.2	0.08	0.16	63.36	33.6	1	17.9
117420140	9	1.3	0.07	0.17	54.79	39.1	2	18.6
117420141	3	1.2	0.06	0.17	52.82	32.7	1	17.2
117420142	4	1.1	0.07	0.16	54.91	33.1	1	18.0
117420143	7	1.1	0.06	0.16	56.81	34.9	1	17.1
117420144	13	1.4	0.16	0.22	52.68	37.7	2	21.7

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Element Method Det.Lim. Units	@As	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.04	0.02	0.05	0.1	1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420144.1	9	1.1	0.23	<0.02	19.93	41.7	3	26.0
117420145	3	1.0	0.05	0.12	47.71	31.7	1	16.4
117420146	7	1.0	0.06	0.14	47.66	35.6	1	17.8
117420147	35	1.1	0.10	0.24	49.65	47.0	2	17.9
117420148	10	1.1	0.06	0.14	55.79	29.9	1	16.7
117420149	6	1.1	0.07	0.16	54.75	31.7	1	17.0
117420150	6	1.0	0.06	0.18	54.21	35.4	<1	17.1
117420151	5	0.9	0.05	0.14	47.71	35.1	<1	17.2
117420152	7	1.1	0.09	0.20	52.87	41.6	1	17.5
117420153	9	1.4	0.13	0.17	65.08	31.1	2	18.6
117420154	5	1.2	0.06	0.15	56.68	38.3	1	18.3
117420155	5	1.4	0.08	0.23	71.22	28.8	2	19.8
117420156	5	1.3	0.08	0.22	60.88	27.7	2	19.4
117420157	8	1.0	0.07	0.18	52.79	36.1	1	17.1
117420158	5	1.5	0.07	0.20	59.33	39.4	2	18.6
117420159	4	1.1	0.06	0.14	51.63	37.5	1	18.5
117420160	3	1.1	0.06	0.17	59.49	34.6	1	18.5
117420161	3	1.3	0.07	0.19	62.42	43.3	2	19.4
117420162	2	1.0	0.05	0.15	50.16	39.9	<1	16.3
117420163	4	1.2	0.07	0.14	56.85	32.9	1	17.2
117420164	4	1.1	0.05	0.17	48.14	37.4	1	17.1
117420165	6	1.1	0.05	0.17	53.93	39.7	1	17.7
117420166	5	1.1	0.06	0.16	50.48	33.8	1	17.7
117420166.1	<1	<0.1	<0.04	<0.02	0.13	0.2	<1	0.2
117420167	5	1.2	0.06	0.16	58.43	37.3	1	17.9
117420168	4	1.0	0.05	0.17	55.48	40.1	<1	17.1
117420169	4	1.1	0.06	0.16	57.84	36.4	1	17.8
117420170	5	1.2	0.05	0.13	58.35	27.9	<1	17.3
117420171	4	1.3	0.06	0.12	60.82	25.4	1	17.7
117420172	6	1.1	0.05	0.16	59.41	36.4	1	18.3
Element Method Det.Lim. Units	@As	@Be	@Bi	@Cd	@Ce	@Co	@Cs	@Ga
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	1	0.1	0.04	0.02	0.05	0.1	1	0.1
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Rep 117420137	9	1.0	0.08	0.20	54.67	29.9	1	17.4
*Rep 117420166	5	1.1	0.07	0.16	49.73	34.3	1	18.2
*Std OREAS601	291	2.0	19.24	7.60	60.77	5.4	7	20.7
*Std OREAS601	308	2.3	21.15	8.16	64.54	5.5	7	21.7
*Std OREAS601	296	2.0	20.35	7.44	58.27	5.4	7	20.7
*Blk BLANK	<1	<0.1	<0.04	<0.02	0.11	<0.1	<1	0.2
*Blk BLANK	<1	<0.1	<0.04	<0.02	<0.05	0.1	<1	0.2
*Blk BLANK	<1	<0.1	<0.04	<0.02	<0.05	<0.1	<1	<0.1

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Element Method Det.Lim. Units	@Hf GE_ICM40B 0.02 ppm	@In GE_ICM40B 0.02 ppm	@La GE_ICM40B 0.1 ppm	@Lu GE_ICM40B 0.01 ppm	@Mo GE_ICM40B 0.05 ppm	@Nb GE_ICM40B 0.1 ppm	@Pb GE_ICM40B 0.5 ppm	@Rb GE_ICM40B 0.2 ppm
117420024.1	0.02	<0.02	<0.1	<0.01	2.11	0.2	1.0	<0.2
117420025	4.08	0.06	31.9	0.24	1.36	16.0	12.0	65.6
117420030	3.24	0.05	24.1	0.23	0.75	14.6	9.2	41.9
117420032	3.95	0.06	26.4	0.27	0.65	17.1	8.9	37.3
117420036	3.55	0.07	27.1	0.29	0.70	15.7	10.3	44.6
117420037	3.45	0.06	24.5	0.27	0.88	15.8	8.4	44.4
117420040	4.19	0.07	31.9	0.30	1.19	18.9	10.9	56.0
117420047	4.04	0.06	31.8	0.30	0.87	19.9	9.7	49.1
117420053	4.55	0.07	37.6	0.32	1.23	21.5	12.3	58.3
117420054	4.32	0.07	36.9	0.32	1.20	21.7	11.5	59.6
117420056	4.51	0.07	33.8	0.33	0.82	24.9	11.0	51.4
117420057	4.35	0.06	34.9	0.28	0.66	23.9	10.9	52.5
117420058	4.83	0.07	32.8	0.32	0.76	26.3	10.0	53.6
117420075	4.50	0.07	35.0	0.32	0.94	25.2	10.0	55.5
117420076	4.24	0.07	35.3	0.29	1.95	18.2	13.0	69.5
117420079	4.37	0.06	37.1	0.31	1.23	20.2	12.5	64.3
117420079.1	4.35	0.09	20.4	0.21	2.56	22.8	23.1	60.1
117420081	4.34	0.07	35.5	0.31	1.23	21.6	12.0	59.6
117420082	3.98	0.05	39.5	0.23	2.03	12.4	17.7	90.4
117420083	4.19	0.06	34.5	0.32	1.31	22.8	9.8	51.5
117420088	4.74	0.07	33.9	0.33	0.94	24.4	10.4	55.3
117420089	4.43	0.07	35.8	0.33	1.08	23.2	10.6	52.8
117420090	4.67	0.07	36.4	0.31	1.42	21.2	12.6	64.5
117420091	4.91	0.06	35.9	0.28	1.63	20.0	15.4	72.1
117420092	4.24	0.05	34.8	0.25	1.58	13.3	15.6	79.8
117420093	4.41	0.07	32.1	0.32	1.05	22.1	9.7	51.2
117420094	4.35	0.06	33.5	0.31	1.46	21.2	11.8	61.7
117420095	4.31	0.06	36.8	0.30	1.42	20.2	12.9	62.7
117420096	4.37	0.06	33.9	0.31	1.18	21.4	10.9	52.7
117420097	4.54	0.07	37.3	0.33	1.29	22.1	12.2	64.0
117420098	4.22	0.07	34.7	0.32	1.31	23.4	11.0	54.3
117420099	4.38	0.06	34.2	0.30	1.47	19.5	13.5	64.5
117420099.1	4.41	0.10	12.2	0.17	2.29	23.7	14.2	28.4
117420100	4.22	0.06	31.4	0.29	1.10	17.2	12.1	65.6
117420101	3.54	0.07	27.6	0.30	0.89	15.7	11.1	53.6
117420102	3.33	0.07	23.0	0.30	1.14	13.1	12.4	43.6
117420103	3.89	0.07	25.1	0.28	3.71	15.4	12.3	48.4
117420104	3.80	0.07	30.4	0.31	1.02	15.3	12.5	61.9
117420105	3.77	0.07	27.4	0.30	1.05	13.4	11.9	58.5
117420106	3.97	0.07	34.7	0.29	1.02	15.6	16.3	83.0

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Element Method Det.Lim. Units	@Hf GE_ICM40B 0.02 ppm	@In GE_ICM40B 0.02 ppm	@La GE_ICM40B 0.1 ppm	@Lu GE_ICM40B 0.01 ppm	@Mo GE_ICM40B 0.05 ppm	@Nb GE_ICM40B 0.1 ppm	@Pb GE_ICM40B 0.5 ppm	@Rb GE_ICM40B 0.2 ppm
117420107	3.93	0.06	34.4	0.26	0.87	14.9	13.6	64.3
117420108	3.85	0.07	30.5	0.31	1.32	16.0	13.4	66.4
117420109	4.08	0.06	32.0	0.30	0.76	15.8	12.3	59.0
117420110	4.47	0.05	32.0	0.22	0.98	16.3	14.2	59.8
117420111	3.75	0.06	26.6	0.26	0.79	13.3	9.9	46.5
117420112	4.40	0.06	39.9	0.30	1.17	15.3	17.5	77.9
117420113	3.90	0.06	29.9	0.28	1.04	16.9	10.3	51.8
117420113.1	<0.02	<0.02	0.1	<0.01	1.94	0.2	<0.5	0.2
117420114	4.26	0.05	40.8	0.25	1.08	14.0	16.3	73.2
117420115	3.84	0.05	32.0	0.25	1.12	16.7	11.7	56.8
117420116	4.27	0.05	33.1	0.26	0.99	15.1	13.9	59.0
117420117	4.44	0.07	39.3	0.32	1.40	15.7	18.4	89.7
117420118	3.97	0.06	37.5	0.28	1.16	15.8	13.7	73.6
117420119	3.43	0.06	25.5	0.29	1.51	13.5	9.7	42.4
117420120	3.17	0.07	24.9	0.31	1.20	14.9	9.8	43.5
117420121	3.85	0.06	27.3	0.28	0.63	18.3	7.8	36.1
117420122	4.36	0.06	38.4	0.27	1.82	16.5	15.7	81.5
117420123	4.44	0.05	37.1	0.26	2.17	13.4	16.4	81.5
117420124	4.39	0.06	31.8	0.28	1.01	15.1	12.1	63.5
117420125	4.00	0.05	36.3	0.22	1.60	13.5	14.2	74.8
117420126	3.77	0.09	32.2	0.30	1.20	12.0	24.0	54.9
117420127	3.82	0.05	34.6	0.21	0.82	13.0	14.9	78.5
117420128	4.65	0.05	37.2	0.26	1.30	16.1	15.2	73.4
117420129	4.72	0.06	36.4	0.29	0.92	14.9	15.4	70.9
117420130	4.01	0.07	33.1	0.32	1.14	18.3	12.4	59.8
117420131	3.53	0.05	33.0	0.24	0.75	14.6	11.4	52.2
117420132	4.00	0.06	33.6	0.29	0.88	15.3	13.3	69.4
117420133	4.18	0.06	34.7	0.27	0.99	15.5	13.3	65.9
117420134	4.11	0.06	34.3	0.28	1.10	18.2	10.4	53.9
117420135	4.27	0.06	31.7	0.28	1.05	16.0	11.5	61.3
117420135.1	4.40	0.08	21.9	0.21	2.52	24.0	22.9	60.5
117420136	3.71	0.07	25.6	0.31	0.92	12.3	10.5	53.7
117420137	4.04	0.06	26.2	0.28	0.61	17.3	9.2	43.3
117420138	3.78	0.06	29.0	0.28	0.63	17.5	8.7	47.3
117420139	3.64	0.06	28.7	0.29	0.50	16.3	9.0	42.7
117420140	3.64	0.06	26.3	0.28	0.84	16.2	9.5	47.8
117420141	3.98	0.06	26.2	0.27	0.99	15.8	10.0	44.3
117420142	3.60	0.05	26.9	0.26	0.62	15.6	10.7	46.8
117420143	3.39	0.06	27.2	0.26	0.61	16.5	9.8	43.3
117420144	3.54	0.07	25.2	0.31	1.42	13.1	12.9	62.3

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Element Method Det.Lim. Units	@Hf	@In	@La	@Lu	@Mo	@Nb	@Pb	@Rb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.02	0.1	0.01	0.05	0.1	0.5	0.2
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420144.1	4.15	0.10	9.8	0.15	2.21	26.3	15.4	22.9
117420145	3.34	0.05	23.0	0.25	0.60	17.0	8.9	40.9
117420146	3.32	0.05	24.2	0.26	0.57	17.4	8.6	45.4
117420147	3.33	0.06	22.8	0.30	0.84	14.3	11.4	46.2
117420148	3.71	0.05	27.4	0.25	0.54	17.5	9.4	41.6
117420149	3.38	0.06	25.1	0.27	0.55	16.9	8.8	39.6
117420150	3.36	0.06	24.6	0.27	0.53	17.0	8.9	37.5
117420151	3.01	0.06	22.3	0.26	0.43	16.0	8.5	38.4
117420152	3.28	0.06	24.7	0.28	0.63	15.3	10.3	46.1
117420153	4.08	0.06	32.7	0.31	0.97	18.5	13.3	61.2
117420154	3.22	0.06	26.5	0.27	0.58	18.7	8.6	43.6
117420155	3.84	0.05	34.6	0.26	0.73	18.1	13.9	65.3
117420156	4.47	0.05	31.2	0.26	0.72	18.9	13.9	67.1
117420157	3.45	0.05	25.4	0.28	0.61	16.1	9.2	41.3
117420158	3.51	0.06	28.1	0.26	0.58	15.8	10.2	48.6
117420159	3.71	0.05	26.1	0.26	0.74	15.7	9.7	49.3
117420160	3.84	0.05	29.1	0.27	0.62	16.3	10.5	52.6
117420161	3.63	0.06	27.6	0.28	0.68	19.1	10.4	52.8
117420162	3.47	0.05	22.8	0.26	0.42	17.7	7.8	34.5
117420163	3.94	0.05	27.8	0.27	0.69	17.4	10.3	47.4
117420164	3.26	0.05	23.2	0.27	0.57	18.8	8.5	37.9
117420165	3.55	0.06	26.7	0.28	0.59	19.5	9.0	39.8
117420166	3.50	0.05	25.4	0.28	0.58	18.6	9.4	43.3
117420166.1	<0.02	<0.02	<0.1	<0.01	1.79	0.2	0.5	<0.2
117420167	3.87	0.06	28.6	0.27	0.84	18.1	9.7	46.7
117420168	3.79	0.06	24.7	0.27	0.49	19.2	8.0	37.3
117420169	3.95	0.05	27.1	0.28	0.75	18.4	10.8	44.6
117420170	3.96	0.05	28.0	0.27	0.54	20.5	9.3	38.6
117420171	4.26	0.05	30.8	0.28	0.66	19.9	10.3	46.3
117420172	3.63	0.05	28.1	0.27	0.63	18.7	10.0	45.2
Element Method Det.Lim. Units	@Hf	@In	@La	@Lu	@Mo	@Nb	@Pb	@Rb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.02	0.1	0.01	0.05	0.1	0.5	0.2
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
*Rep 117420137	3.97	0.06	25.6	0.29	0.65	17.1	9.4	43.9
*Rep 117420166	3.43	0.06	25.2	0.27	0.56	17.8	9.8	43.5
*Std OREAS601	4.42	1.64	30.3	0.09	3.82	12.5	312	91.0
*Std OREAS601	4.80	1.78	32.9	0.10	4.09	13.9	330	97.8
*Std OREAS601	4.24	1.67	29.9	0.09	3.82	13.3	322	93.6
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1	<0.5	<0.2
*Blk BLANK	<0.02	<0.02	0.1	<0.01	<0.05	<0.1	<0.5	0.2
*Blk BLANK	<0.02	<0.02	<0.1	<0.01	<0.05	<0.1	<0.5	<0.2

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Element Method Det.Lim. Units	@Sb	@Sc	@Se	@Sn	@Ta	@Tb	@Te	@Th
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.5	2	0.3	0.05	0.05	0.05	0.2
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420024.1	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2
117420025	0.45	17.9	<2	1.5	1.03	0.71	<0.05	8.1
117420030	0.41	21.7	<2	1.5	0.91	0.68	<0.05	4.9
117420032	0.39	23.8	<2	2.6	1.04	0.72	<0.05	5.4
117420036	0.95	24.0	<2	1.6	1.02	0.77	<0.05	5.8
117420037	1.25	25.8	<2	2.1	0.95	0.74	<0.05	5.2
117420040	0.86	23.1	<2	1.9	1.16	0.83	<0.05	6.9
117420047	0.40	22.6	<2	1.7	1.20	0.80	0.08	6.6
117420053	0.36	20.7	<2	1.9	1.29	0.94	<0.05	7.9
117420054	0.35	20.2	<2	2.5	1.34	0.91	<0.05	7.8
117420056	0.30	21.7	<2	1.8	1.65	0.99	<0.05	7.0
117420057	0.24	19.5	<2	2.6	1.52	0.89	<0.05	6.9
117420058	0.33	22.7	<2	2.0	1.57	0.90	0.11	6.9
117420075	0.27	22.0	<2	2.9	1.53	0.98	<0.05	7.0
117420076	0.39	19.4	<2	1.8	1.07	0.83	<0.05	8.6
117420079	0.37	20.0	<2	1.8	1.26	0.88	<0.05	8.4
117420079.1	0.63	13.6	3	4.3	1.61	0.44	<0.05	14.3
117420081	0.41	21.6	<2	2.1	1.31	0.88	<0.05	8.1
117420082	0.32	14.0	<2	2.4	0.83	0.68	<0.05	11.1
117420083	0.40	22.6	<2	1.8	1.43	0.93	<0.05	7.8
117420088	0.39	22.8	<2	2.0	1.51	0.96	<0.05	7.2
117420089	0.37	21.5	<2	2.0	1.39	0.96	<0.05	7.2
117420090	0.31	19.6	<2	3.0	1.32	0.89	<0.05	8.4
117420091	0.37	19.2	<2	1.8	1.22	0.82	0.07	10.1
117420092	0.34	15.4	<2	1.5	0.86	0.72	<0.05	12.2
117420093	0.40	21.7	<2	1.8	1.36	0.91	<0.05	6.8
117420094	0.44	20.8	<2	3.6	1.32	0.89	<0.05	7.7
117420095	0.39	20.1	<2	1.9	1.31	0.87	<0.05	8.1
117420096	0.39	21.2	<2	1.8	1.39	0.91	<0.05	8.5
117420097	0.42	21.7	<2	1.8	1.34	0.93	<0.05	7.9
117420098	0.40	21.7	<2	3.1	1.39	0.93	<0.05	7.1
117420099	0.35	19.5	<2	3.3	1.23	0.84	<0.05	8.6
117420099.1	0.58	28.1	3	3.0	1.55	0.33	<0.05	7.5
117420100	1.04	23.9	<2	1.8	1.06	0.79	<0.05	7.9
117420101	1.27	25.7	<2	1.8	0.98	0.76	<0.05	6.6
117420102	1.63	26.8	<2	2.6	0.81	0.74	0.06	5.0
117420103	2.12	24.9	2	1.7	0.94	0.73	0.07	6.0
117420104	1.30	25.5	<2	1.9	0.99	0.79	<0.05	7.6
117420105	1.31	24.7	<2	1.8	0.84	0.74	0.09	7.4
117420106	1.40	21.6	<2	2.0	0.95	0.75	0.07	10.0

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Element Method Det.Lim. Units	@Sb	@Sc	@Se	@Sn	@Ta	@Tb	@Te	@Th
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.05	0.5	2	0.3	0.05	0.05	0.05	0.2
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
117420107	0.76	16.9	<2	1.6	0.92	0.74	0.09	8.1
117420108	1.25	23.8	<2	3.4	0.93	0.76	0.05	8.1
117420109	0.75	22.0	<2	1.7	0.95	0.79	<0.05	7.9
117420110	0.30	14.7	<2	1.8	0.94	0.65	<0.05	8.3
117420111	0.98	21.6	<2	1.4	0.80	0.71	<0.05	6.0
117420112	1.43	20.3	<2	2.1	0.89	0.79	<0.05	11.7
117420113	1.60	22.1	<2	2.6	0.92	0.79	<0.05	6.3
117420113.1	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2
117420114	0.49	15.3	<2	1.5	0.87	0.72	<0.05	10.8
117420115	0.36	18.2	<2	1.5	0.95	0.72	<0.05	7.9
117420116	0.44	16.3	<2	1.4	0.92	0.72	<0.05	8.5
117420117	1.98	21.6	<2	2.1	0.95	0.81	<0.05	11.1
117420118	1.28	20.8	<2	1.8	0.96	0.83	<0.05	9.3
117420119	1.03	23.4	<2	2.0	0.77	0.74	<0.05	5.4
117420120	1.32	26.5	<2	1.5	0.87	0.82	<0.05	5.5
117420121	0.37	22.8	<2	1.4	1.02	0.79	<0.05	4.9
117420122	0.47	16.9	<2	1.8	0.96	0.77	<0.05	10.4
117420123	0.46	16.9	<2	3.3	0.81	0.74	<0.05	10.7
117420124	1.13	21.5	<2	1.6	0.87	0.76	<0.05	7.2
117420125	0.37	16.0	<2	1.5	0.83	0.72	<0.05	9.6
117420126	3.86	22.8	3	1.9	0.76	0.80	0.53	6.6
117420127	0.45	15.2	<2	1.5	0.74	0.60	<0.05	9.3
117420128	0.84	17.9	<2	2.8	0.99	0.73	<0.05	10.8
117420129	1.12	20.2	<2	1.8	0.90	0.79	<0.05	9.3
117420130	1.20	25.1	<2	3.9	1.03	0.83	<0.05	7.7
117420131	0.34	16.9	<2	1.5	0.83	0.70	<0.05	7.0
117420132	0.99	21.5	<2	1.8	0.94	0.78	<0.05	8.5
117420133	0.53	19.3	<2	1.5	0.90	0.76	<0.05	8.5
117420134	0.38	19.5	<2	1.6	1.09	0.80	<0.05	7.5
117420135	1.00	21.6	<2	1.7	0.94	0.76	<0.05	8.1
117420135.1	0.63	14.0	3	3.9	1.59	0.45	<0.05	15.2
117420136	1.77	27.8	<2	1.6	0.73	0.74	<0.05	6.3
117420137	0.88	22.5	<2	1.5	0.99	0.78	<0.05	5.8
117420138	0.40	23.8	<2	1.5	1.01	0.76	<0.05	6.7
117420139	0.59	25.1	<2	1.5	0.93	0.81	<0.05	5.9
117420140	0.83	25.0	<2	3.5	0.95	0.75	<0.05	5.7
117420141	0.37	21.7	<2	2.6	0.85	0.73	0.07	5.7
117420142	0.33	20.2	<2	1.3	0.88	0.70	<0.05	6.0
117420143	0.52	22.1	<2	1.3	0.88	0.73	<0.05	5.6
117420144	1.30	25.5	<2	2.8	0.77	0.72	0.16	6.8

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Element Method Det.Lim. Units	@Sb GE_ICM40B 0.05 ppm	@Sc GE_ICM40B 0.5 ppm	@Se GE_ICM40B 2 ppm	@Sn GE_ICM40B 0.3 ppm	@Ta GE_ICM40B 0.05 ppm	@Tb GE_ICM40B 0.05 ppm	@Te GE_ICM40B 0.05 ppm	@Th GE_ICM40B 0.2 ppm
117420144.1	0.58	31.8	3	2.8	1.61	0.31	0.06	7.3
117420145	0.33	20.7	<2	1.5	0.94	0.65	<0.05	5.0
117420146	0.37	23.7	<2	1.4	0.91	0.69	<0.05	5.6
117420147	1.31	26.2	<2	1.5	0.78	0.72	<0.05	5.2
117420148	0.65	20.3	<2	1.3	0.95	0.72	<0.05	5.6
117420149	0.65	22.2	<2	1.7	0.91	0.72	<0.05	5.0
117420150	0.55	23.7	<2	1.3	0.90	0.76	<0.05	4.9
117420151	0.47	23.6	<2	1.3	0.82	0.69	<0.05	4.6
117420152	0.64	24.9	<2	1.4	0.82	0.72	<0.05	5.8
117420153	0.80	22.6	<2	2.6	1.03	0.81	<0.05	7.8
117420154	0.40	23.0	<2	1.9	0.99	0.74	<0.05	5.1
117420155	0.36	18.8	<2	1.4	0.96	0.76	<0.05	8.7
117420156	0.35	19.1	<2	1.5	1.16	0.74	<0.05	7.9
117420157	0.62	23.4	<2	2.1	0.88	0.77	<0.05	5.4
117420158	0.42	22.7	<2	1.6	0.85	0.73	<0.05	6.0
117420159	0.34	22.6	<2	1.3	0.83	0.68	<0.05	6.2
117420160	0.28	21.8	<2	1.7	0.87	0.73	<0.05	6.3
117420161	0.33	23.1	<2	1.6	0.99	0.76	<0.05	6.7
117420162	0.26	22.9	<2	1.2	0.89	0.70	<0.05	4.8
117420163	0.38	21.5	<2	1.4	0.95	0.74	<0.05	6.5
117420164	0.33	23.0	<2	2.4	0.99	0.73	<0.05	4.9
117420165	0.33	23.5	<2	1.4	0.99	0.75	<0.05	5.3
117420166	0.42	24.0	<2	1.5	0.96	0.74	<0.05	5.2
117420166.1	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2
117420167	0.37	23.1	<2	1.6	0.93	0.75	<0.05	6.1
117420168	0.38	23.2	<2	1.3	1.04	0.73	<0.05	4.8
117420169	0.36	21.8	<2	3.4	1.00	0.76	<0.05	6.4
117420170	0.34	22.1	<2	1.7	1.09	0.80	<0.05	5.4
117420171	0.31	21.2	<2	1.4	1.09	0.77	<0.05	6.9
117420172	0.43	22.6	<2	1.6	0.97	0.75	<0.05	5.8
Element Method Det.Lim. Units	@Sb GE_ICM40B 0.05 ppm	@Sc GE_ICM40B 0.5 ppm	@Se GE_ICM40B 2 ppm	@Sn GE_ICM40B 0.3 ppm	@Ta GE_ICM40B 0.05 ppm	@Tb GE_ICM40B 0.05 ppm	@Te GE_ICM40B 0.05 ppm	@Th GE_ICM40B 0.2 ppm
*Rep 117420137	0.92	22.5	<2	1.6	1.04	0.76	<0.05	5.9
*Rep 117420166	0.39	23.9	<2	1.5	0.95	0.72	<0.05	5.7
*Std OREAS601	30.85	5.1	11	4.1	0.94	0.55	14.71	10.8
*Std OREAS601	32.65	5.3	12	4.4	1.01	0.60	16.33	11.8
*Std OREAS601	29.83	4.7	11	4.0	0.78	0.56	15.54	10.9
*Blk BLANK	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2
*Blk BLANK	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2
*Blk BLANK	<0.05	<0.5	<2	<0.3	<0.05	<0.05	<0.05	<0.2

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Element Method Det.Lim. Units	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm
117420024.1	<0.02	<0.05	<0.1	0.1	<0.1
117420025	0.35	2.08	0.6	17.2	1.6
117420030	0.25	1.33	0.5	16.8	1.6
117420032	0.21	1.29	0.5	19.5	1.8
117420036	0.27	1.24	0.7	20.3	1.9
117420037	0.23	1.19	0.6	19.6	1.8
117420040	0.31	1.34	0.7	21.0	2.1
117420047	0.27	1.40	0.6	20.9	2.0
117420053	0.34	1.94	0.6	23.0	2.1
117420054	0.33	1.91	0.6	22.5	2.1
117420056	0.27	1.41	0.6	23.3	2.3
117420057	0.27	1.88	0.6	22.2	2.0
117420058	0.28	1.68	0.7	24.7	2.2
117420075	0.29	1.58	0.6	25.3	2.3
117420076	0.40	2.04	0.6	21.6	2.0
117420079	0.40	1.79	0.6	21.6	2.1
117420079.1	0.34	2.77	2.1	10.3	1.3
117420081	0.35	1.75	0.6	22.9	2.1
117420082	0.55	3.28	0.6	16.4	1.5
117420083	0.28	1.56	0.6	23.1	2.2
117420088	0.31	1.74	0.7	23.7	2.2
117420089	0.29	1.42	0.6	24.1	2.2
117420090	0.37	1.93	0.6	22.2	2.2
117420091	0.44	2.08	0.7	20.7	1.9
117420092	0.47	2.53	0.8	18.5	1.7
117420093	0.30	1.54	0.7	22.7	2.2
117420094	0.35	2.03	0.7	22.0	2.1
117420095	0.36	1.97	0.7	22.0	2.0
117420096	0.31	1.94	0.6	21.4	2.1
117420097	0.34	1.62	0.6	23.9	2.2
117420098	0.31	1.61	0.7	23.9	2.2
117420099	0.39	1.97	0.6	20.9	2.0
117420099.1	0.20	2.01	1.3	8.2	1.1
117420100	0.42	1.77	1.0	20.6	2.0
117420101	0.35	1.46	0.9	20.4	1.9
117420102	0.31	1.20	0.7	18.4	1.9
117420103	1.00	2.10	0.7	19.5	1.9
117420104	0.41	1.90	1.0	19.0	2.0
117420105	0.38	1.70	0.9	18.9	1.9
117420106	0.49	2.08	1.1	18.6	1.9

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Element Method Det.Lim. Units	@Tl	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm
117420107	0.41	2.09	0.9	17.4	1.7
117420108	0.43	1.91	0.9	19.8	2.0
117420109	0.36	1.93	0.8	19.5	1.9
117420110	0.39	2.09	0.5	16.2	1.5
117420111	0.37	1.70	0.6	18.2	1.7
117420112	0.53	3.52	1.1	18.8	1.9
117420113	0.34	1.58	0.9	20.2	1.8
117420113.1	<0.02	<0.05	<0.1	0.2	<0.1
117420114	0.50	2.74	0.6	17.0	1.6
117420115	0.34	1.89	0.6	17.9	1.7
117420116	0.40	2.60	0.5	17.6	1.7
117420117	0.57	2.58	1.1	20.2	2.0
117420118	0.44	2.05	1.0	19.5	1.8
117420119	0.44	1.51	0.6	19.8	1.8
117420120	0.32	1.50	0.7	21.7	2.1
117420121	0.19	1.20	0.7	21.1	2.0
117420122	0.49	2.27	0.7	18.6	1.8
117420123	0.51	2.48	0.7	18.5	1.7
117420124	0.35	1.78	0.7	19.5	1.8
117420125	0.48	2.42	0.6	16.6	1.5
117420126	0.36	1.70	0.8	18.4	2.0
117420127	0.47	2.49	0.5	15.0	1.4
117420128	0.50	2.36	0.8	17.8	1.7
117420129	0.44	2.15	0.9	19.1	1.9
117420130	0.40	1.95	0.8	21.3	2.0
117420131	0.36	1.88	0.6	17.5	1.6
117420132	0.42	1.89	0.8	18.2	1.9
117420133	0.42	1.72	0.6	18.4	1.7
117420134	0.32	1.69	0.6	19.9	1.9
117420135	0.37	1.83	0.9	18.9	1.9
117420135.1	0.33	2.73	2.1	11.2	1.4
117420136	0.30	1.32	0.9	19.1	2.0
117420137	0.26	1.49	0.6	19.5	1.9
117420138	0.27	1.44	0.6	19.1	1.8
117420139	0.25	1.41	0.6	20.4	1.9
117420140	0.31	1.38	0.7	20.4	1.9
117420141	0.25	1.48	0.6	19.7	1.8
117420142	0.26	1.62	0.6	18.3	1.7
117420143	0.23	1.20	0.6	18.8	1.7
117420144	0.36	1.79	0.8	19.4	1.9

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Element Method Det.Lim. Units	@TI	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm
117420144.1	0.20	1.96	1.3	7.1	1.0
117420145	0.22	1.22	0.5	17.7	1.6
117420146	0.25	1.20	0.5	19.5	1.7
117420147	0.25	1.21	0.8	19.8	1.9
117420148	0.23	1.28	0.6	19.1	1.7
117420149	0.22	1.14	0.6	19.8	1.8
117420150	0.21	1.14	0.6	20.4	1.8
117420151	0.19	1.09	0.7	18.7	1.7
117420152	0.26	1.20	0.6	19.6	1.8
117420153	0.33	1.79	0.8	21.3	2.0
117420154	0.24	1.17	0.6	20.6	1.8
117420155	0.40	1.94	0.6	19.4	1.7
117420156	0.36	2.21	0.5	19.3	1.8
117420157	0.23	1.41	0.7	20.4	1.9
117420158	0.28	1.40	0.6	19.7	1.8
117420159	0.26	1.40	0.7	18.7	1.7
117420160	0.27	1.70	0.5	20.2	1.7
117420161	0.29	1.36	0.6	20.5	1.8
117420162	0.18	1.08	0.5	19.3	1.7
117420163	0.26	1.39	0.5	19.6	1.8
117420164	0.20	1.06	0.5	20.3	1.8
117420165	0.20	1.21	0.5	20.3	1.8
117420166	0.22	1.26	0.5	20.2	1.8
117420166.1	<0.02	<0.05	<0.1	0.1	<0.1
117420167	0.25	1.51	0.5	20.7	1.8
117420168	0.18	1.15	0.5	20.4	1.8
117420169	0.24	1.38	0.5	19.9	1.8
117420170	0.21	1.28	0.5	20.5	1.8
117420171	0.26	1.76	0.6	21.0	1.8
117420172	0.24	1.24	0.5	20.2	1.8
Element Method Det.Lim. Units	@TI	@U	@W	@Y	@Yb
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.02	0.05	0.1	0.1	0.1
	ppm	ppm	ppm	ppm	ppm
*Rep 117420137	0.26	1.54	0.7	19.2	1.9
*Rep 117420166	0.22	1.28	0.5	20.5	1.8
*Std OREAS601	1.20	3.93	5.5	10.8	0.7
*Std OREAS601	1.31	4.11	6.2	11.8	0.7
*Std OREAS601	1.16	3.82	5.3	11.3	0.6
*Blk BLANK	<0.02	<0.05	<0.1	<0.1	<0.1
*Blk BLANK	<0.02	<0.05	<0.1	<0.1	<0.1
*Blk BLANK	<0.02	<0.05	<0.1	<0.1	<0.1

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Certificate of Analysis
Work Order : VD1900414
[Report File No.: 0000021249]

Date: July 30, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 17
Received: Jul 22, 2019
Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
17	SHIP	Shipping
17	G_WGH79	Weighing of samples and reporting of weights
14	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
17	GE_FAA515	@Au, FAS, AAS, 50g-5ml
17	GE_ICP40B	@ICP-OES after Multi-Acid Digest
2	GO_FAG303	@Au 0.5 ppm 30 g, Fire assay, gravimetric finish

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393009	0.819	>10.00	>100	0.06	1299	5	<0.5	<5
B00393013	0.895	>10.00	4	0.36	67	16	<0.5	<5
B00393022	0.760	0.854	6	0.10	47	5	<0.5	<5
B00393268	1.197	0.007	<2	0.31	17	20	<0.5	<5
B00393270	1.069	0.009	<2	5.75	46	832	1.9	<5
B00393503	2.132	0.354	<2	3.74	2644	37	<0.5	<5
B00393514	1.617	<0.005	<2	0.01	<3	1	<0.5	<5
B00393515	1.604	0.045	<2	1.79	<3	381	2.0	<5
B00393518	0.981	<0.005	<2	7.40	17	759	<0.5	<5
B00393523	1.058	0.026	<2	2.77	263	49	<0.5	<5
B00393536	2.154	0.009	<2	4.41	250	460	0.7	<5
B00393539	0.710	0.016	<2	4.95	21	206	0.6	<5
B00393541	1.081	0.045	<2	4.43	802	159	<0.5	<5
B00393766	1.311	<0.005	<2	0.38	6	14	<0.5	<5
B00396498	0.210	<0.005	<2	6.42	<3	363	0.9	<5
B00396499	0.131	4.311	5	4.48	18	257	0.8	<5
B00396500	0.130	0.365	<2	4.86	347	454	0.8	<5
*Rep B00393009		>10.00						
*Std OREAS-222		1.207						
*Rep B00393541			<2	4.40	790	157	<0.5	<5
*Std OREAS-903			<2	5.74	50	189	4.5	<5
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK		<0.005						
*Std OREAS-209		1.554						

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393009	0.02	11	1	44	810	>15.0	0.01	<0.5
B00393013	1.66	2	16	95	1085	1.53	0.10	<0.5
B00393022	0.12	<1	<1	13	778	1.37	<0.01	<0.5
B00393268	0.29	20	15	13	5.2	1.10	0.07	0.7
B00393270	0.44	1	4	89	24.3	1.72	3.17	67.7
B00393503	1.80	<1	3	14	5.0	2.05	0.20	1.9
B00393514	<0.01	<1	<1	6	1.4	0.47	<0.01	<0.5
B00393515	2.90	<1	42	45	183	>15.0	0.69	16.2
B00393518	3.26	<1	15	52	29.0	5.33	3.10	18.8
B00393523	11.5	<1	40	786	66.5	4.72	0.10	1.7
B00393536	8.83	<1	40	362	126	6.67	1.24	12.1
B00393539	13.6	<1	30	58	45.5	8.15	0.33	7.0
B00393541	11.1	<1	59	973	36.4	6.48	0.40	2.5
B00393766	1.01	<1	3	18	2.2	1.18	0.03	2.1
B00396498	1.81	<1	5	50	8.8	1.47	1.30	7.8
B00396499	4.92	<1	8	17	61.7	2.43	2.11	7.5
B00396500	3.91	<1	324	27	6034	>15.0	3.30	138
*Rep B00393541	11.0	<1	59	923	38.1	6.43	0.40	2.4
*Std OREAS-903	0.62	<1	124	72	6270	3.85	3.40	36.9
*Blk BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393009	<1	0.01	52	1	0.02	2	<0.01	5164
B00393013	<1	0.85	274	2	0.03	71	<0.01	3323
B00393022	<1	<0.01	117	1	0.07	2	<0.01	16
B00393268	2	0.15	179	<1	0.03	3	<0.01	40
B00393270	2	0.17	287	5	3.05	49	0.01	192
B00393503	<1	0.49	485	<1	2.81	4	0.02	<2
B00393514	<1	<0.01	60	1	<0.01	2	<0.01	<2
B00393515	<1	2.86	>10000	9	0.11	77	0.19	13
B00393518	28	1.44	1099	<1	1.55	17	0.06	3
B00393523	12	7.85	1436	<1	0.70	408	0.03	<2
B00393536	8	4.75	1277	<1	0.79	170	0.09	<2
B00393539	23	1.94	1456	2	1.32	32	0.16	3
B00393541	18	4.88	1321	<1	1.02	470	0.15	<2
B00393766	2	0.37	336	2	0.01	10	<0.01	132
B00396498	9	0.55	272	3	2.82	18	0.02	7
B00396499	48	0.83	619	6	0.70	8	0.05	15
B00396500	20	1.12	3184	136	1.04	53	0.08	7
*Rep B00393541	17	4.90	1327	<1	1.00	461	0.15	<2
*Std OREAS-903	20	0.70	683	5	0.03	46	0.11	10
*Blk BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
B00393009	>5.00	14	<0.5	<10	2.5	<0.01	2	13
B00393013	0.21	52	1.7	<10	50.8	0.04	22	<10
B00393022	0.66	86	<0.5	<10	4.2	<0.01	<2	<10
B00393268	0.27	<5	0.6	<10	3.8	0.02	10	<10
B00393270	0.62	<5	1.8	<10	70.6	0.05	5	<10
B00393503	0.39	<5	4.7	<10	117	0.10	21	<10
B00393514	<0.01	<5	<0.5	<10	0.7	<0.01	<2	<10
B00393515	>5.00	<5	5.7	<10	53.1	0.15	143	<10
B00393518	0.02	<5	19.9	<10	188	0.46	148	<10
B00393523	0.06	<5	15.8	<10	347	0.04	109	<10
B00393536	0.25	<5	32.1	<10	161	0.20	241	<10
B00393539	1.27	6	27.4	<10	257	1.15	281	<10
B00393541	1.04	10	29.0	<10	247	0.09	184	<10
B00393766	0.02	<5	2.7	<10	34.0	0.01	11	<10
B00396498	<0.01	<5	5.6	<10	363	0.15	37	<10
B00396499	0.85	<5	9.9	<10	225	0.22	81	<10
B00396500	1.87	<5	13.0	<10	156	0.35	206	89
*Rep B00393541	1.03	10	28.7	<10	244	0.09	184	<10
*Std OREAS-903	0.51	<5	9.9	<10	74.9	0.17	72	<10
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Au
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GO_FAG303 0.5 ppm
B00393009	<0.5	1611	<0.5	648.80
B00393013	1.5	166	14.9	25.43
B00393022	<0.5	44	<0.5	N.A.
B00393268	0.7	5870	2.8	N.A.
B00393270	50.2	238	307	N.A.
B00393503	3.3	13	37.8	N.A.
B00393514	<0.5	4	<0.5	N.A.
B00393515	32.8	103	34.4	N.A.
B00393518	21.3	69	98.8	N.A.
B00393523	5.9	45	22.0	N.A.
B00393536	10.3	65	96.3	N.A.
B00393539	29.0	96	115	N.A.
B00393541	7.1	65	45.2	N.A.
B00393766	4.3	15	2.3	N.A.
B00396498	5.8	22	41.9	N.A.
B00396499	7.6	53	49.6	N.A.
B00396500	18.1	20	119	N.A.
*Rep B00393541	6.5	64	44.8	
*Std OREAS-903	21.7	25	152	
*Blk BLANK	<0.5	<1	<0.5	
*Rep B00393009				792.61
*Blk BLANK				<0.50

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Certificate of Analysis
Work Order : VD1900452
[Report File No.: 0000021606]

Date: August 30, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: QK-19-RUSH-02
Project No.: -
Samples: 55
Received: Aug 6, 2019
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
55	SHIP	Shipping
55	G_WGH79	Weighing of samples and reporting of weights
51	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
55	GE_FAA515	@Au, FAS, AAS, 50g-5ml
55	GE_ICP40B	@ICP-OES after Multi-Acid Digest
55	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GO_FAG505	@Au 0.5 ppm 50g, Fire assay, gravimetric finish
2	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Assays not suitable for commercial exchange.

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79 0.001 kg	GE_FAA515 0.005 ppm	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 3 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm
B00393772	0.857	<0.005	<2	9.14	<3	148	0.7	<5
B00393776	0.726	0.009	<2	8.33	11	119	0.9	<5
B00393779	1.803	0.079	2	1.88	246	32	<0.5	10
B00393782	0.733	>10.00	>100	0.17	338	6	<0.5	208
B00393785	0.841	0.105	<2	0.32	1691	30	<0.5	<5
B00393786	0.929	0.140	<2	1.66	102	108	<0.5	<5
B00393789	2.088	0.010	<2	0.57	4	20	<0.5	<5
B00393792	0.815	0.020	<2	7.61	4	264	0.7	<5
B00393795	0.857	<0.005	<2	1.54	16	45	<0.5	<5
B00393798	1.018	0.009	<2	0.87	59	64	<0.5	<5
B00393809	1.134	2.217	<2	5.93	86	278	0.7	<5
B00393824	1.168	0.007	<2	0.21	9	8	<0.5	<5
B00393830	0.706	0.274	<2	0.59	89	70	<0.5	<5
B00393831	1.100	<0.005	<2	0.07	18	4	<0.5	<5
B00396494	0.127	8.970	10	5.31	14	317	0.9	<5
B00393030	1.192	<0.005	<2	1.06	8	57	<0.5	<5
B00393031	0.967	<0.005	<2	0.98	7	41	<0.5	<5
B00393044	1.411	0.350	2	0.59	519	30	<0.5	<5
B00393046	0.900	0.174	<2	0.17	473	8	<0.5	<5
B00396495	0.186	<0.005	<2	5.95	<3	360	1.0	<5
B00393308	1.397	<0.005	<2	0.43	<3	6	<0.5	<5
B00393309	1.050	0.013	<2	0.20	5	8	<0.5	<5
B00393310	0.955	<0.005	<2	0.05	<3	3	<0.5	<5
B00393327	0.883	<0.005	<2	0.24	<3	12	<0.5	<5
B00393328	1.158	<0.005	<2	0.14	<3	7	<0.5	<5
B00393329	1.086	<0.005	<2	0.07	<3	4	<0.5	<5
B00393330	1.306	<0.005	<2	7.67	38	220	<0.5	<5
B00393331	1.502	0.081	5	0.89	957	77	<0.5	12
B00393339	0.792	0.023	3	0.31	11	8	<0.5	<5
B00393343	1.025	0.006	<2	3.45	149	112	<0.5	<5
B00393344	0.857	<0.005	<2	1.40	9	160	<0.5	<5
B00393356	0.714	0.009	<2	6.38	4	287	0.7	<5
B00393358	0.864	<0.005	<2	0.28	29	27	<0.5	<5
B00393359	0.740	0.059	<2	0.21	73	20	<0.5	<5
B00393362	0.640	<0.005	<2	1.38	6	213	<0.5	<5
*Dup B00393362	N.A.	<0.005	<2	1.10	5	176	<0.5	<5
B00393365	0.961	0.008	<2	0.90	4	55	<0.5	<5
B00396496	0.130	0.991	46	4.01	117	31	0.6	43
B00393555	1.241	0.034	<2	0.41	175	27	<0.5	<5
B00393559	0.536	<0.005	<2	7.02	11	316	0.6	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393563	1.033	0.006	<2	0.78	12	70	<0.5	<5
B00393569	1.016	<0.005	<2	8.24	27	19	<0.5	<5
B00393574	0.512	<0.005	<2	5.46	6	48	<0.5	<5
B00393575	0.653	0.007	<2	8.75	28	134	<0.5	<5
B00393578	1.173	0.559	5	8.11	<3	445	0.6	<5
B00393579	1.865	0.028	2	0.18	<3	19	<0.5	<5
B00393585	1.206	0.404	5	8.36	10	427	0.5	<5
B00393589	1.023	1.157	<2	5.13	541	236	0.7	<5
B00393590	1.114	<0.005	<2	2.80	102	6	<0.5	<5
B00393596	1.901	0.074	<2	4.72	332	484	1.6	<5
B00393608	0.753	<0.005	<2	6.07	14	64	<0.5	<5
B00393614	1.301	0.008	<2	2.17	32	110	1.5	<5
B00396497	0.238	<0.005	<2	5.96	<3	361	0.9	<5
B00393048	0.946	1.431	<2	0.95	329	98	<0.5	<5
B00393054	1.202	0.026	<2	0.17	1390	12	<0.5	<5
B00393056	0.875	<0.005	<2	6.93	49	21	0.5	<5
*Rep B00393831		<0.005						
*Rep B00393590		<0.005						
*Std OREAS-503D		0.662						
*Std OREAS-501C		0.224						
*Std OREAS-221		1.025						
*Blk BLANK		<0.005						
*Rep B00393339			3	0.33	12	8	<0.5	<5
*Rep B00393579			3	0.22	<3	22	<0.5	<5
*Std OREAS-903			<2	5.61	52	191	4.5	<5
*Std RTS-3A			11	4.86	27	100	<0.5	32
*Std OREAS-602			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-901			<2	6.60	72	224	6.3	<5
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393772	5.54	<1	36	28	205	7.56	0.66	23.4
B00393776	3.81	<1	<1	37	33.4	2.37	0.74	5.6
B00393779	0.27	<1	455	92	303	>15.0	0.12	2.3
B00393782	0.71	5	49	20	>10000	8.55	<0.01	1.1
B00393785	2.05	<1	15	35	192	3.02	0.12	2.5
B00393786	>15.0	<1	26	7	8.6	11.9	0.60	5.7
B00393789	0.18	<1	619	6	89.1	>15.0	0.06	0.6
B00393792	4.39	<1	34	31	287	10.4	1.58	10.7
B00393795	4.81	<1	7	23	2.9	4.16	0.19	0.9
B00393798	2.60	<1	2	37	46.7	2.38	0.32	3.8
B00393809	0.03	<1	2	15	25.7	3.35	2.41	4.9
B00393824	1.35	<1	<1	34	28.4	2.32	0.03	2.1
B00393830	0.02	<1	17	62	14.8	3.63	0.29	12.8
B00393831	2.73	<1	<1	29	11.7	2.66	0.03	0.9
B00396494	4.32	<1	9	14	67.5	3.13	1.83	10.7
B00393030	0.24	<1	4	24	18.0	1.16	0.18	9.9
B00393031	0.57	<1	3	36	13.1	1.38	0.14	5.5
B00393044	0.25	15	9	86	236	9.35	0.24	3.8
B00393046	1.11	16	2	47	37.9	3.27	0.08	0.6
B00396495	1.71	<1	5	54	7.6	1.48	1.24	8.5
B00393308	1.03	<1	8	32	1339	1.92	<0.01	0.9
B00393309	0.09	<1	218	35	4192	12.8	0.02	0.5
B00393310	0.21	<1	3	16	133	0.96	<0.01	<0.5
B00393327	0.04	<1	16	17	105	1.05	0.04	<0.5
B00393328	0.09	<1	51	27	484	2.86	0.02	<0.5
B00393329	0.02	<1	8	27	89.0	0.94	0.01	<0.5
B00393330	4.14	<1	30	12	117	8.50	0.72	8.7
B00393331	0.40	<1	20	25	420	2.25	0.34	1.9
B00393339	2.48	<1	132	29	1875	4.41	0.03	0.9
B00393343	2.10	<1	78	67	528	6.86	0.59	2.6
B00393344	2.03	<1	5	19	13.3	1.96	0.52	1.6
B00393356	2.72	<1	5	20	3.7	1.58	1.50	15.0
B00393358	0.17	<1	8	50	62.3	0.95	0.13	0.9
B00393359	0.22	<1	15	28	46.7	1.08	0.09	0.5
B00393362	0.95	<1	9	19	58.3	1.28	0.63	2.7
*Dup B00393362	0.93	<1	7	11	47.3	1.04	0.50	2.1
B00393365	1.74	<1	22	37	88.5	2.70	0.17	4.5
B00396496	1.43	126	241	23	>10000	>15.0	0.93	12.7
B00393555	0.56	<1	2	43	494	1.18	0.14	0.6
B00393559	4.59	<1	31	13	294	8.81	1.07	6.8

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393563	1.97	<1	2	12	145	1.04	0.28	<0.5
B00393569	3.71	<1	55	128	205	10.9	0.01	12.8
B00393574	6.33	<1	53	816	77.9	8.34	0.06	2.6
B00393575	6.85	<1	52	29	394	8.41	0.38	17.3
B00393578	3.01	<1	28	55	4863	6.29	1.52	5.9
B00393579	0.06	<1	14	30	2057	1.54	0.05	<0.5
B00393585	4.20	<1	24	40	7124	5.94	1.45	9.6
B00393589	9.50	<1	65	921	118	7.19	1.65	7.1
B00393590	8.35	<1	84	1477	83.3	7.27	<0.01	9.5
B00393596	10.3	<1	61	801	244	9.09	1.96	16.7
B00393608	7.40	<1	32	335	39.6	4.08	0.29	1.2
B00393614	13.9	<1	26	105	214	7.06	0.24	524
B00396497	1.71	<1	5	62	8.4	1.48	1.27	8.6
B00393048	1.20	15	3	27	103	5.28	0.40	2.6
B00393054	1.08	<1	11	28	49.1	3.99	0.05	0.9
B00393056	4.66	<1	42	65	151	9.21	0.06	12.7
*Rep B00393339	2.69	<1	132	27	2034	4.56	0.04	1.0
*Rep B00393579	0.07	<1	17	33	2000	1.74	0.06	<0.5
*Std OREAS-903	0.63	<1	135	79	6554	4.06	3.33	38.9
*Std RTS-3A	2.02	8	120	132	2398	>15.0	0.47	9.9
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-901	0.10	<1	71	49	1386	3.92	3.67	46.7
*Bik BLANK	<0.01	<1	<1	1	N.A.	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393772	14	2.45	738	1	3.36	8	0.10	2
B00393776	4	0.37	174	3	3.41	<1	0.11	3
B00393779	3	0.23	80	72	1.14	64	0.01	19
B00393782	3	0.18	82	1	0.02	214	<0.01	2369
B00393785	<1	0.31	689	2	0.04	6	0.01	16
B00393786	3	2.94	2405	<1	0.22	2	0.02	6
B00393789	2	0.14	104	INF	0.14	145	<0.01	14
B00393792	17	2.40	885	1	1.86	5	0.10	2
B00393795	2	1.13	829	1	1.03	6	<0.01	3
B00393798	1	0.68	620	3	0.09	7	0.01	3
B00393809	3	0.31	90	4	0.31	7	0.05	191
B00393824	<1	0.44	372	6	<0.01	5	0.02	<2
B00393830	<1	0.06	83	3	0.01	9	<0.01	64
B00393831	<1	0.82	707	3	<0.01	3	<0.01	2
B00396494	51	1.19	832	5	1.45	9	0.07	17
B00393030	4	0.09	189	3	0.56	9	0.01	118
B00393031	6	0.15	309	3	0.52	9	0.01	18
B00393044	2	0.12	157	2	0.01	87	<0.01	514
B00393046	<1	0.42	540	3	<0.01	9	0.02	15
B00396495	9	0.53	261	2	2.73	22	0.02	7
B00393308	1	0.40	218	2	0.02	19	<0.01	3
B00393309	<1	0.13	98	3	0.04	558	<0.01	4
B00393310	<1	0.03	99	2	0.02	8	<0.01	<2
B00393327	<1	0.02	74	2	0.12	12	<0.01	2
B00393328	<1	0.02	66	4	0.06	205	<0.01	<2
B00393329	<1	<0.01	75	3	0.02	21	<0.01	<2
B00393330	19	2.22	1046	1	1.61	7	0.06	<2
B00393331	1	0.09	141	3	0.05	17	<0.01	4
B00393339	2	0.14	304	3	<0.01	38	<0.01	6
B00393343	31	1.31	460	3	0.18	143	0.01	3
B00393344	1	0.42	396	2	0.09	6	<0.01	<2
B00393356	14	0.46	234	3954	2.38	3	0.63	12
B00393358	<1	0.01	93	10	0.01	20	<0.01	<2
B00393359	<1	0.01	114	5	<0.01	11	<0.01	3
B00393362	2	0.08	187	4	0.09	4	<0.01	<2
*Dup B00393362	2	0.06	165	1	0.07	3	<0.01	<2
B00393365	2	0.11	154	3	0.14	6	<0.01	37
B00396496	12	1.28	610	18	0.49	10	0.06	5610
B00393555	4	0.03	178	2	0.11	4	<0.01	3
B00393559	17	1.57	1308	1	1.68	4	0.11	5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393563	<1	0.04	238	1	0.18	2	<0.01	<2
B00393569	45	3.88	1573	<1	0.80	86	0.05	7
B00393574	14	8.65	1375	<1	1.12	332	0.03	<2
B00393575	21	2.29	1100	1	1.42	16	0.12	6
B00393578	21	2.09	699	4	2.73	31	0.06	9
B00393579	<1	0.05	82	3	0.06	24	<0.01	8
B00393585	20	2.26	671	3	2.66	30	0.04	5
B00393589	4	3.20	1258	<1	0.87	336	0.06	<2
B00393590	10	8.22	1570	<1	<0.01	820	0.07	<2
B00393596	21	4.80	1352	1	0.12	382	0.13	<2
B00393608	31	3.60	731	<1	2.15	163	0.02	<2
B00393614	4	5.83	4192	<1	1.66	88	0.67	15
B00396497	9	0.53	257	4	2.74	21	0.02	8
B00393048	4	0.68	461	<1	0.01	12	0.04	177
B00393054	<1	0.40	452	2	<0.01	7	0.03	3
B00393056	31	3.64	1307	<1	2.55	73	0.08	5
*Rep B00393339	2	0.15	327	3	<0.01	38	<0.01	6
*Rep B00393579	<1	0.05	90	3	0.07	30	<0.01	10
*Std OREAS-903	20	0.72	672	4	0.03	52	0.12	13
*Std RTS-3A	17	2.46	1438	3	0.69	50	0.04	195
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-901	19	0.61	286	3	0.05	39	0.07	18
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393772	1.04	<5	28.4	<10	235	0.76	271	<10
B00393776	0.17	<5	16.2	<10	343	0.88	162	<10
B00393779	>5.00	<5	2.1	<10	36.3	0.07	INF	<10
B00393782	>5.00	85	0.7	<10	11.1	0.01	5	<10
B00393785	0.17	<5	2.9	<10	47.5	0.02	14	<10
B00393786	0.28	<5	12.8	<10	355	0.04	64	<10
B00393789	>5.00	5	<0.5	<10	18.3	0.03	INF	<10
B00393792	1.13	<5	29.0	<10	214	0.84	269	<10
B00393795	0.12	<5	7.6	<10	178	0.06	44	<10
B00393798	0.05	<5	3.4	<10	73.2	0.01	14	<10
B00393809	0.45	10	21.2	<10	53.0	0.09	127	<10
B00393824	0.50	<5	0.7	<10	10.3	<0.01	21	<10
B00393830	3.61	9	3.7	<10	2.3	0.06	38	<10
B00393831	0.15	<5	1.9	<10	26.4	<0.01	7	<10
B00396494	0.43	<5	12.1	<10	308	0.28	101	<10
B00393030	0.09	<5	1.5	<10	55.1	0.04	9	<10
B00393031	0.06	<5	1.7	<10	74.7	0.02	9	<10
B00393044	>5.00	<5	3.6	<10	3.1	0.02	22	<10
B00393046	2.16	<5	<0.5	<10	8.1	<0.01	13	<10
B00396495	<0.01	<5	5.4	<10	341	0.14	37	<10
B00393308	0.25	<5	1.7	<10	8.7	0.04	15	<10
B00393309	>5.00	<5	<0.5	<10	7.3	<0.01	7	<10
B00393310	0.12	<5	<0.5	<10	7.5	<0.01	3	<10
B00393327	0.19	<5	<0.5	<10	4.4	<0.01	<2	<10
B00393328	1.78	<5	<0.5	<10	4.3	<0.01	<2	<10
B00393329	0.17	<5	<0.5	<10	1.3	<0.01	<2	<10
B00393330	0.18	<5	20.9	<10	239	0.72	250	<10
B00393331	0.93	<5	1.9	<10	9.8	0.04	18	<10
B00393339	3.44	<5	0.9	<10	22.8	<0.01	7	<10
B00393343	1.35	20	7.1	<10	41.9	0.05	80	<10
B00393344	0.02	<5	3.1	<10	33.3	0.04	32	<10
B00393356	0.30	<5	4.6	<10	151	0.15	29	<10
B00393358	0.15	<5	<0.5	<10	2.0	<0.01	3	<10
B00393359	0.44	<5	<0.5	<10	2.2	<0.01	4	<10
B00393362	0.07	<5	1.3	<10	11.7	0.03	17	<10
*Dup B00393362	0.06	<5	1.0	<10	10.8	0.02	11	<10
B00393365	0.91	<5	1.2	<10	84.8	0.03	11	<10
B00396496	>5.00	63	7.5	<10	31.5	0.09	32	<10
B00393555	0.25	<5	1.9	<10	22.2	0.02	15	<10
B00393559	1.29	<5	28.2	<10	144	0.80	280	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393563	0.06	<5	1.3	<10	21.6	0.02	14	13
B00393569	0.03	<5	50.3	<10	269	0.80	365	<10
B00393574	0.02	<5	32.7	<10	63.1	0.43	234	<10
B00393575	0.42	<5	30.0	<10	407	1.04	283	<10
B00393578	0.59	<5	10.1	<10	296	0.43	111	<10
B00393579	0.49	<5	<0.5	<10	4.7	0.01	3	<10
B00393585	0.72	<5	15.8	<10	292	0.43	147	<10
B00393589	0.67	<5	27.5	<10	146	0.21	279	<10
B00393590	0.18	<5	17.3	<10	199	0.05	157	<10
B00393596	0.26	<5	29.1	<10	295	0.21	311	<10
B00393608	<0.01	<5	26.5	<10	80.5	0.20	159	<10
B00393614	0.01	<5	11.3	<10	1691	0.20	87	<10
B00396497	<0.01	<5	5.5	<10	340	0.14	37	<10
B00393048	2.92	<5	2.1	<10	32.2	0.02	31	<10
B00393054	1.95	<5	0.5	<10	19.8	<0.01	13	<10
B00393056	0.71	<5	31.8	<10	101	0.39	270	<10
*Rep B00393339	3.48	<5	0.9	<10	24.9	<0.01	7	<10
*Rep B00393579	0.59	<5	<0.5	<10	5.4	0.01	3	<10
*Std OREAS-903	0.49	<5	9.7	<10	72.0	0.12	73	<10
*Std RTS-3A	>5.00	<5	14.2	40	42.6	0.30	105	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-901	0.04	<5	13.2	<10	29.6	0.18	80	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au	Cu	Zn
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm
B00393772	18.0	32	91.9	0.13	N.A.	N.A.	N.A.
B00393776	24.9	9	86.9	1.80	N.A.	N.A.	N.A.
B00393779	4.3	4	24.4	13.74	N.A.	N.A.	N.A.
B00393782	0.9	122	1.7	102	20.62	>50000	N.A.
B00393785	4.1	15	6.7	1.49	N.A.	N.A.	N.A.
B00393786	20.0	58	14.9	0.62	N.A.	N.A.	N.A.
B00393789	1.6	2	8.3	10.15	N.A.	N.A.	N.A.
B00393792	19.2	45	51.9	0.58	N.A.	N.A.	N.A.
B00393795	6.2	13	14.2	0.07	N.A.	N.A.	N.A.
B00393798	5.1	19	11.3	<0.05	N.A.	N.A.	N.A.
B00393809	3.1	122	70.3	0.07	N.A.	N.A.	N.A.
B00393824	1.9	14	3.8	0.05	N.A.	N.A.	N.A.
B00393830	10.5	3	29.1	0.16	N.A.	N.A.	N.A.
B00393831	2.2	5	2.0	<0.05	N.A.	N.A.	N.A.
B00396494	9.6	69	63.4	3.83	N.A.	N.A.	N.A.
B00393030	2.3	37	37.2	0.12	N.A.	N.A.	N.A.
B00393031	1.7	39	16.0	0.06	N.A.	N.A.	N.A.
B00393044	3.2	3198	3.8	0.46	N.A.	N.A.	N.A.
B00393046	1.0	2759	4.9	0.25	N.A.	N.A.	N.A.
B00396495	5.6	20	36.8	0.13	N.A.	N.A.	N.A.
B00393308	0.6	24	1.8	0.12	N.A.	N.A.	N.A.
B00393309	<0.5	16	<0.5	1.26	N.A.	N.A.	N.A.
B00393310	<0.5	7	<0.5	0.06	N.A.	N.A.	N.A.
B00393327	<0.5	3	<0.5	<0.05	N.A.	N.A.	N.A.
B00393328	<0.5	25	<0.5	0.29	N.A.	N.A.	N.A.
B00393329	<0.5	5	<0.5	0.06	N.A.	N.A.	N.A.
B00393330	14.5	63	16.6	0.08	N.A.	N.A.	N.A.
B00393331	1.4	6	9.0	10.26	N.A.	N.A.	N.A.
B00393339	2.8	31	2.3	0.90	N.A.	N.A.	N.A.
B00393343	2.8	70	9.3	0.29	N.A.	N.A.	N.A.
B00393344	2.3	14	7.9	<0.05	N.A.	N.A.	N.A.
B00393356	160	16	122	0.40	N.A.	N.A.	N.A.
B00393358	0.7	3	4.2	0.11	N.A.	N.A.	N.A.
B00393359	0.7	5	0.6	0.24	N.A.	N.A.	N.A.
B00393362	2.0	4	28.2	<0.05	N.A.	N.A.	N.A.
*Dup B00393362	1.6	4	22.8	<0.05	N.A.	N.A.	N.A.
B00393365	3.0	39	7.7	<0.05	N.A.	N.A.	N.A.
B00396496	10.4	>10000	101	0.68	N.A.	30637	22278
B00393555	0.8	7	2.7	<0.05	N.A.	N.A.	N.A.
B00393559	18.2	70	37.0	0.26	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au	Cu	Zn
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm
B00393563	1.0	15	1.3	<0.05	N.A.	N.A.	N.A.
B00393569	19.0	101	30.3	<0.05	N.A.	N.A.	N.A.
B00393574	13.4	80	24.8	<0.05	N.A.	N.A.	N.A.
B00393575	23.9	59	73.9	0.33	N.A.	N.A.	N.A.
B00393578	6.0	82	40.9	0.71	N.A.	N.A.	N.A.
B00393579	<0.5	10	0.9	0.21	N.A.	N.A.	N.A.
B00393585	10.6	140	49.7	0.62	N.A.	N.A.	N.A.
B00393589	8.6	75	48.1	<0.05	N.A.	N.A.	N.A.
B00393590	8.6	65	72.5	<0.05	N.A.	N.A.	N.A.
B00393596	15.0	84	116	<0.05	N.A.	N.A.	N.A.
B00393608	9.1	87	14.2	<0.05	N.A.	N.A.	N.A.
B00393614	31.8	65	148	<0.05	N.A.	N.A.	N.A.
B00396497	5.6	22	43.5	<0.05	N.A.	N.A.	N.A.
B00393048	2.8	2953	10.6	0.13	N.A.	N.A.	N.A.
B00393054	1.5	12	3.2	0.77	N.A.	N.A.	N.A.
B00393056	8.8	101	81.6	<0.05	N.A.	N.A.	N.A.
*Rep B00393339	3.0	34	2.6	0.80			
*Rep B00393579	<0.5	12	0.8	0.25			
*Std OREAS-903	21.5	24	149	0.09			
*Std RTS-3A	11.4	2782	65.0	1.63			
*Std OREAS-602	N.A.	N.A.	N.A.	37.39			
*Std OREAS-901	36.2	25	174	0.06			
*Bik BLANK	<0.5	1	<0.5	<0.05			
*Rep B00393782					19.48		
*Std SQ87_30.87AU					30.35		
*Bik BLANK					N.A.		
*Bik BLANK					N.A.		
*Bik BLANK					<0.50		
*Rep B00396496						30797	22141
*Std MP-1B						31610	>50000
*Bik BLANK						<10	<10

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Certificate of Analysis
Work Order : VD1900470
[Report File No.: 000021753]

Date: September 16, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: QK-19-GRAB-01
Project No.: -
Samples: 75
Received: Aug 6, 2019
Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

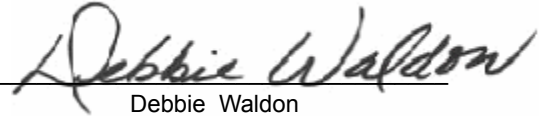
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
73	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GE_ICP90A	ICP-OES after Na2O2 fusion
1	GO_FAG505	@Au 0.5 ppm 50g, Fire assay, gravimetric finish

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79	GE_FAA515	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.001	0.005	2	0.01	3	1	0.5	5
	kg	ppm	ppm	%	ppm	ppm	ppm	ppm
B00393501	0.993	0.006	<2	2.03	69	15	<0.5	<5
B00393502	1.241	0.011	<2	0.74	<3	20	<0.5	<5
B00393504	1.317	<0.005	<2	1.23	<3	651	<0.5	<5
B00393505	1.902	<0.005	<2	0.91	6	61	<0.5	<5
B00393506	1.001	<0.005	<2	0.51	8	16	<0.5	<5
B00393507	1.039	0.006	<2	4.55	253	480	0.6	<5
B00393508	1.179	<0.005	<2	0.09	<3	9	<0.5	<5
B00393509	1.456	<0.005	<2	1.33	199	70	<0.5	<5
B00393510	0.702	<0.005	<2	3.11	4	434	3.4	<5
B00393511	1.478	0.008	<2	0.12	12	33	<0.5	<5
B00393512	0.869	0.055	<2	5.10	513	240	1.0	<5
B00393513	1.020	0.005	<2	0.27	1099	14	<0.5	<5
B00393516	1.471	<0.005	<2	2.44	6	63	<0.5	<5
B00393517	1.146	<0.005	<2	0.87	9	526	0.7	<5
B00393519	1.140	<0.005	<2	8.63	9	564	6.0	<5
B00393520	0.065	1.068	<2	5.98	<3	64	0.7	5
B00393521	1.372	<0.005	<2	3.34	502	412	<0.5	<5
B00393522	1.511	1.087	<2	0.69	47	63	<0.5	<5
B00393524	1.460	<0.005	<2	1.18	4	24	<0.5	<5
B00393525	0.895	0.114	<2	7.16	9	65	<0.5	<5
B00393526	0.911	<0.005	<2	0.86	<3	5	<0.5	<5
B00393527	1.087	0.009	<2	2.00	5	36	0.9	<5
B00393528	1.974	<0.005	<2	3.76	172	86	0.7	<5
B00393529	0.611	<0.005	<2	2.91	440	153	<0.5	<5
B00393530	0.897	<0.005	<2	0.07	<3	4	<0.5	<5
B00393251	1.157	0.023	<2	4.44	53	20	<0.5	<5
B00393252	1.006	<0.005	<2	5.32	154	314	<0.5	<5
B00393253	0.981	<0.005	<2	0.43	<3	26	<0.5	<5
B00393254	1.222	<0.005	<2	3.47	<3	861	<0.5	<5
B00393255	1.078	<0.005	<2	2.51	6	152	<0.5	<5
B00393256	1.590	<0.005	<2	4.84	<3	106	30.8	<5
B00393257	1.112	<0.005	<2	0.08	4	3	<0.5	<5
B00393258	1.139	0.006	<2	4.79	<3	7	0.6	<5
B00393259	0.918	<0.005	<2	0.10	<3	14	<0.5	<5
B00393260	0.824	<0.005	<2	0.17	<3	16	<0.5	<5
*Dup B00393260	N.A.	<0.005	<2	0.17	<3	16	<0.5	<5
B00393261	1.030	<0.005	<2	3.29	<3	20	<0.5	<5
B00393262	0.962	<0.005	<2	9.42	6	42	0.9	<5
B00393263	0.768	<0.005	<2	0.49	<3	42	<0.5	<5
B00393264	1.052	<0.005	<2	2.30	<3	57	<0.5	<5

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79 0.001 kg	GE_FAA515 0.005 ppm	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 3 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm
B00393265	0.955	<0.005	<2	7.88	8	181	3.9	<5
B00393266	0.981	<0.005	<2	0.59	<3	54	<0.5	<5
B00393267	1.221	0.014	<2	5.51	<3	10	<0.5	<5
B00393269	0.715	<0.005	<2	7.21	<3	23	0.6	<5
B00393271	1.141	<0.005	<2	0.06	<3	4	<0.5	<5
B00393272	0.737	<0.005	<2	2.00	41	209	2.9	<5
B00393273	1.038	<0.005	<2	0.26	<3	34	<0.5	<5
B00393274	0.498	<0.005	<2	3.11	<3	129	0.6	<5
B00393275	0.934	<0.005	<2	3.95	<3	11	<0.5	<5
B00393276	0.633	0.059	<2	0.16	69	17	<0.5	<5
B00393277	0.747	<0.005	<2	2.64	<3	61	2.0	<5
B00393278	1.131	0.010	<2	3.16	194	36	<0.5	<5
B00393279	0.993	0.008	<2	3.76	56	85	<0.5	<5
B00393280	0.193	<0.005	<2	6.27	<3	365	1.0	<5
B00393281	0.987	<0.005	<2	0.25	<3	30	<0.5	<5
B00393282	1.112	<0.005	<2	0.13	<3	10	<0.5	<5
B00393283	1.199	<0.005	<2	9.43	13	49	1.1	<5
B00393284	1.056	<0.005	<2	0.41	<3	9	<0.5	<5
B00393001	0.547	<0.005	<2	7.27	<3	402	1.3	<5
B00393002	0.938	0.006	<2	6.04	22	157	1.3	<5
B00393003	0.852	<0.005	<2	9.34	9	86	0.9	<5
B00393004	0.915	0.007	<2	3.73	641	360	0.5	<5
B00393005	0.656	0.010	<2	7.83	7	82	1.2	<5
B00393006	0.809	0.026	<2	10.0	5	209	0.6	<5
B00393007	0.929	0.026	<2	3.42	29	26	0.6	<5
B00393008	0.858	<0.005	<2	1.01	13	49	<0.5	<5
B00393010	0.774	<0.005	<2	7.13	<3	49	0.7	<5
B00393011	0.898	<0.005	<2	1.57	153	91	<0.5	<5
B00393012	0.858	<0.005	<2	0.21	9	7	<0.5	<5
B00393014	1.005	2.500	<2	1.71	85	51	<0.5	<5
B00393015	1.082	0.032	<2	4.80	115	215	1.0	<5
B00393016	0.915	>10.00	<2	4.05	287	29	0.9	<5
B00393017	1.170	0.124	<2	3.53	32	333	0.8	<5
B00393018	1.124	1.766	<2	0.43	125	34	<0.5	<5
B00393019	1.171	0.060	<2	1.14	72	25	0.6	<5
B00393020	0.065	1.055	2	2.99	603	72	0.7	<5
*Rep B00393527		0.009						
*Rep B00393019		0.066						
*Std OXB130		0.119						
*Std OREAS-501C		0.216						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OXB130	0.119						
*Blk BLANK	<0.005						
*Rep B00393511		<2	0.14	13	36	<0.5	<5
*Rep B00393282		<2	0.13	<3	10	<0.5	<5
*Std OREAS-602		>100	4.28	632	312	0.9	52
*Std RTS-3A		11	5.09	16	102	0.6	32
*Std OREAS-602		>100	4.47	639	175	0.9	52
*Std OREAS-903		<2	5.92	49	192	4.5	<5
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Std OXG141	0.938						

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393501	5.46	<1	35	947	2.6	5.22	0.05	1.8
B00393502	0.11	<1	4	47	899	1.35	0.09	<0.5
B00393504	0.68	<1	1	51	6.8	1.36	1.01	8.5
B00393505	0.35	<1	2	74	5.0	1.42	0.23	4.2
B00393506	1.53	<1	2	59	2.6	1.68	0.03	<0.5
B00393507	7.03	<1	42	584	80.3	6.96	1.35	5.6
B00393508	2.18	<1	<1	69	4.9	0.93	0.03	0.7
B00393509	6.59	<1	17	314	20.6	2.83	0.22	1.9
B00393510	7.72	<1	63	222	85.7	9.43	1.21	49.0
B00393511	9.74	<1	7	37	7.5	6.08	0.03	1.3
B00393512	8.20	<1	79	997	154	9.49	1.44	15.3
B00393513	5.74	<1	49	1081	1.4	3.48	0.05	0.6
B00393516	4.33	<1	9	96	7.4	3.27	0.13	5.4
B00393517	1.44	<1	14	54	34.0	7.65	0.42	8.4
B00393519	0.07	2	10	18	40.6	2.56	2.58	81.5
B00393520	3.22	<1	18	36	4502	>15.0	2.35	6.6
B00393521	8.17	<1	46	943	40.7	5.90	1.15	1.7
B00393522	9.25	<1	9	213	4.3	2.21	0.13	3.8
B00393524	2.82	<1	3	48	407	1.41	0.04	4.9
B00393525	5.76	<1	29	182	112	5.46	0.03	2.2
B00393526	1.37	<1	1	51	4.9	1.11	<0.01	<0.5
B00393527	13.9	<1	36	143	33.6	7.82	0.04	19.3
B00393528	8.83	<1	63	1016	113	8.03	0.84	9.6
B00393529	8.41	<1	39	829	43.2	6.09	0.42	<0.5
B00393530	0.14	<1	1	35	4.2	1.29	0.02	<0.5
B00393251	1.53	<1	6	42	8.2	1.79	0.08	1.8
B00393252	7.70	<1	35	524	27.7	6.22	1.57	1.5
B00393253	0.05	<1	<1	56	2.6	0.94	0.10	1.1
B00393254	0.37	2	3	32	5.9	0.94	3.99	4.0
B00393255	1.98	<1	17	123	1042	3.93	0.55	1.6
B00393256	8.70	<1	4	37	15.3	3.08	0.29	2.4
B00393257	0.21	<1	1	68	10.8	0.77	<0.01	<0.5
B00393258	5.60	<1	2	94	288	2.97	0.01	14.5
B00393259	1.51	<1	2	63	2.5	1.65	0.04	<0.5
B00393260	1.94	<1	2	68	2.0	2.17	0.08	<0.5
*Dup B00393260	2.01	<1	2	64	2.4	2.46	0.08	<0.5
B00393261	0.06	<1	12	119	<0.5	7.96	0.09	<0.5
B00393262	5.53	<1	37	57	102	7.26	0.08	3.3
B00393263	0.58	<1	2	130	4.8	2.25	0.15	2.4
B00393264	0.40	<1	5	50	9.6	3.34	0.22	4.6

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393265	6.02	<1	40	268	189	7.94	0.32	9.4
B00393266	0.06	<1	2	41	5.0	1.17	0.21	1.2
B00393267	7.09	<1	26	232	117	5.27	0.04	1.5
B00393269	6.71	<1	38	305	118	7.59	0.09	1.8
B00393271	0.86	<1	1	61	6.1	1.03	0.02	1.3
B00393272	14.3	<1	49	292	101	9.47	0.37	27.0
B00393273	0.22	<1	2	52	4.2	1.30	0.11	<0.5
B00393274	1.02	<1	53	213	27.8	5.19	0.24	9.5
B00393275	6.09	<1	12	139	26.6	3.23	0.03	0.5
B00393276	0.08	<1	1	63	8.1	3.86	0.05	<0.5
B00393277	8.99	<1	38	231	19.1	14.1	0.05	31.4
B00393278	9.75	<1	70	1271	136	6.57	0.34	5.5
B00393279	6.24	<1	25	220	93.7	4.88	0.65	4.7
B00393280	1.72	<1	6	34	7.8	1.77	1.23	8.4
B00393281	0.52	<1	2	47	6.2	1.25	0.11	0.8
B00393282	0.09	<1	1	65	5.3	0.82	0.04	<0.5
B00393283	7.39	<1	34	28	41.4	8.39	0.10	5.9
B00393284	0.07	<1	1	53	8.1	1.03	0.02	0.6
B00393001	1.69	<1	16	113	162	4.80	0.59	10.2
B00393002	4.60	9	18	116	70.3	8.40	1.29	4.8
B00393003	3.23	<1	21	165	82.5	12.2	0.24	3.9
B00393004	11.1	<1	63	1041	91.9	5.59	0.89	2.8
B00393005	2.45	<1	20	41	31.6	7.64	0.07	9.9
B00393006	8.99	<1	127	18	1543	6.82	0.33	22.8
B00393007	1.71	11	36	39	506	>15.0	0.09	11.8
B00393008	0.31	<1	5	61	1334	3.05	0.13	4.4
B00393010	7.01	<1	43	22	94.4	6.05	0.43	4.3
B00393011	6.08	<1	18	252	16.1	5.00	0.45	4.2
B00393012	1.98	<1	6	83	12.6	2.26	<0.01	0.6
B00393014	1.73	<1	17	87	194	>15.0	0.36	4.2
B00393015	7.21	<1	74	733	96.5	8.83	0.58	9.9
B00393016	1.05	<1	49	95	317	>15.0	0.58	6.3
B00393017	2.60	<1	18	85	31.6	7.36	0.34	9.4
B00393018	0.41	<1	5	84	152	14.6	0.05	<0.5
B00393019	0.25	1	30	137	357	>15.0	0.44	2.1
B00393020	3.21	<1	603	24	>10000	>15.0	2.50	140

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393511	10.9	<1	7	36	8.0	7.16	0.04	1.4
*Rep B00393282	0.09	<1	<1	70	6.0	0.82	0.04	<0.5
*Std OREAS-602	0.62	26	9	28	5040	2.19	0.66	14.0
*Std RTS-3A	2.01	8	118	143	2291	>15.0	0.44	7.9
*Std OREAS-602	0.64	26	10	27	5285	2.23	0.67	17.3
*Std OREAS-903	0.64	<1	130	80	6589	4.19	3.33	39.1
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393501	22	5.17	939	5	0.06	327	<0.01	4
B00393502	6	0.28	174	4	0.31	10	<0.01	149
B00393504	2	0.08	268	6	0.23	5	0.02	7
B00393505	1	0.08	293	8	0.35	9	0.01	22
B00393506	<1	0.24	342	5	0.32	9	0.16	3
B00393507	9	5.32	1270	<1	0.68	257	0.03	3
B00393508	<1	0.06	760	10	0.02	6	<0.01	5
B00393509	3	2.93	927	5	0.30	180	0.27	2
B00393510	18	2.81	1211	<1	0.03	196	0.31	3
B00393511	3	4.56	1090	2	0.01	52	<0.01	13
B00393512	5	2.97	1347	<1	0.64	543	0.08	3
B00393513	<1	10.8	632	1	0.03	905	<0.01	4
B00393516	7	0.98	1880	4	1.63	26	0.04	4
B00393517	<1	1.25	>10000	2	0.06	36	0.08	6
B00393519	92	0.49	85	5	4.21	30	<0.01	74
B00393520	121	0.67	2837	192	0.69	11	0.41	8
B00393521	5	6.34	1024	<1	0.23	560	<0.01	<2
B00393522	2	3.20	1299	4	0.12	94	1.30	<2
B00393524	1	0.21	465	5	0.60	7	0.05	<2
B00393525	12	3.28	998	<1	5.44	41	0.03	<2
B00393526	<1	0.73	173	6	0.53	24	<0.01	<2
B00393527	11	3.94	1676	19	1.10	179	0.05	7
B00393528	28	6.32	1694	<1	0.04	475	0.08	3
B00393529	13	7.04	1116	<1	0.49	443	0.01	3
B00393530	<1	0.07	159	6	0.02	9	<0.01	<2
B00393251	<1	0.32	328	3	3.74	15	0.01	<2
B00393252	15	3.58	1332	<1	0.99	135	0.03	<2
B00393253	<1	0.02	106	8	0.19	5	<0.01	8
B00393254	<1	0.15	112	5	0.40	11	<0.01	13
B00393255	11	1.41	493	5	0.06	32	0.02	3
B00393256	3	0.57	7806	2	0.88	7	0.02	11
B00393257	<1	0.16	134	10	0.01	13	<0.01	<2
B00393258	1	0.16	387	10	0.16	4	0.09	<2
B00393259	<1	0.11	297	6	<0.01	6	<0.01	<2
B00393260	<1	0.21	339	7	<0.01	9	<0.01	<2
*Dup B00393260	<1	0.21	373	5	<0.01	8	<0.01	<2
B00393261	95	1.48	428	7	0.04	27	<0.01	14
B00393262	12	2.40	1230	<1	2.78	31	0.06	<2
B00393263	3	0.18	844	7	0.07	6	0.04	35
B00393264	24	0.37	580	5	0.94	15	0.01	6

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393265	19	4.62	2379	<1	2.79	50	0.09	<2
B00393266	2	0.06	209	6	0.14	8	<0.01	4
B00393267	6	2.88	1029	3	0.77	67	0.02	<2
B00393269	14	5.18	1286	<1	1.73	95	0.03	<2
B00393271	<1	0.02	308	8	0.01	6	<0.01	3
B00393272	15	4.19	1735	<1	0.32	333	0.24	<2
B00393273	1	0.11	287	7	0.02	6	<0.01	<2
B00393274	11	1.79	1306	3	0.20	156	0.04	<2
B00393275	3	0.75	337	6	0.02	34	<0.01	<2
B00393276	<1	0.05	128	17	0.02	8	<0.01	13
B00393277	12	3.73	2836	<1	0.02	143	0.37	<2
B00393278	53	8.04	911	<1	0.04	707	0.03	3
B00393279	1	2.74	802	3	1.94	134	0.02	<2
B00393280	8	0.54	284	<1	2.93	19	0.02	6
B00393281	1	0.11	304	5	0.01	11	<0.01	3
B00393282	<1	0.05	90	9	0.03	8	<0.01	6
B00393283	10	2.98	1469	<1	0.98	16	0.07	<2
B00393284	1	0.02	121	7	0.30	5	0.02	27
B00393001	7	1.54	588	3	3.54	40	0.06	18
B00393002	7	3.26	2936	5	2.29	39	0.06	33
B00393003	38	5.22	1755	2	1.65	56	0.05	4
B00393004	5	4.99	1195	<1	0.92	680	0.04	<2
B00393005	7	1.29	552	<1	4.46	14	0.15	2
B00393006	<1	0.86	663	<1	2.94	22	0.15	5
B00393007	9	1.19	752	14	1.10	435	0.10	26
B00393008	1	0.08	354	4	0.31	5	0.01	17
B00393010	9	3.14	1206	<1	1.83	42	0.04	<2
B00393011	2	1.80	758	6	0.60	131	0.05	2
B00393012	1	0.93	300	8	0.03	21	<0.01	4
B00393014	5	1.35	2867	2	0.27	56	0.03	12
B00393015	28	5.23	1110	<1	0.34	469	0.07	<2
B00393016	7	0.48	796	14	1.70	86	0.08	22
B00393017	9	1.53	1085	3	0.91	28	0.08	3
B00393018	2	0.21	796	4	0.03	12	0.02	8
B00393019	<1	0.33	820	9	0.06	173	0.03	30
B00393020	18	0.97	4336	289	0.26	54	0.08	35

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00393511	3	5.08	1232	2	0.01	55	<0.01	13
*Rep B00393282	<1	0.05	90	9	0.03	8	<0.01	6
*Std OREAS-602	21	0.20	225	4	0.45	61	0.05	1033
*Std RTS-3A	15	2.36	1430	1	0.72	54	0.04	200
*Std OREAS-602	22	0.20	230	5	0.50	60	0.05	1039
*Std OREAS-903	19	0.73	690	4	0.04	51	0.10	14
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393501	0.02	<5	9.9	<10	204	0.03	96	<10
B00393502	0.09	<5	2.3	<10	8.3	0.04	16	<10
B00393504	0.02	<5	1.8	<10	41.6	0.02	6	<10
B00393505	0.05	<5	1.0	<10	29.0	0.02	10	<10
B00393506	0.02	<5	1.6	<10	28.1	<0.01	7	<10
B00393507	0.05	7	28.3	<10	189	0.08	198	<10
B00393508	<0.01	<5	<0.5	<10	84.2	<0.01	5	<10
B00393509	0.02	<5	7.9	<10	169	0.03	57	<10
B00393510	0.40	<5	22.2	<10	220	0.88	236	<10
B00393511	3.26	<5	0.5	<10	126	<0.01	31	<10
B00393512	0.26	13	31.6	<10	183	0.15	271	<10
B00393513	0.06	51	2.8	<10	793	<0.01	15	<10
B00393516	0.03	<5	7.7	<10	402	0.13	51	<10
B00393517	0.40	<5	2.5	<10	94.5	0.05	40	<10
B00393519	0.81	<5	1.2	19	35.6	0.05	10	16
B00393520	0.60	<5	6.5	75	107	0.10	56	5654
B00393521	0.02	8	19.4	<10	252	0.05	128	<10
B00393522	<0.01	<5	6.9	<10	217	<0.01	32	<10
B00393524	0.02	<5	4.1	<10	76.5	0.07	19	<10
B00393525	0.46	<5	24.4	<10	161	0.16	132	<10
B00393526	0.01	<5	1.1	<10	43.0	<0.01	21	<10
B00393527	3.91	<5	9.3	<10	555	0.47	109	<10
B00393528	0.06	26	29.7	<10	332	0.13	217	<10
B00393529	0.05	10	17.4	<10	244	0.04	119	<10
B00393530	0.03	<5	<0.5	<10	6.4	<0.01	5	<10
B00393251	0.04	<5	5.1	<10	70.2	0.08	24	<10
B00393252	0.03	7	17.0	<10	192	0.09	159	<10
B00393253	0.02	<5	0.6	<10	14.1	<0.01	5	<10
B00393254	0.07	<5	0.8	<10	74.9	<0.01	3	15
B00393255	0.18	<5	15.7	<10	10.2	0.28	120	<10
B00393256	0.05	<5	4.9	<10	68.2	0.10	83	<10
B00393257	<0.01	<5	0.6	<10	8.2	<0.01	4	<10
B00393258	0.02	<5	9.5	<10	777	0.29	11	<10
B00393259	0.02	<5	1.5	<10	25.9	<0.01	6	<10
B00393260	0.02	<5	2.2	<10	35.7	<0.01	9	<10
*Dup B00393260	0.03	<5	2.1	<10	37.8	<0.01	8	<10
B00393261	0.03	<5	1.6	<10	10.7	0.03	32	<10
B00393262	0.17	<5	33.7	<10	264	0.69	295	<10
B00393263	0.02	<5	0.8	<10	47.6	0.01	6	<10
B00393264	0.05	<5	1.8	<10	99.9	0.03	21	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393265	0.43	<5	39.1	<10	266	0.69	285	<10
B00393266	0.02	<5	<0.5	<10	6.2	<0.01	4	<10
B00393267	0.21	<5	27.2	<10	29.1	0.33	181	<10
B00393269	0.04	<5	38.8	<10	173	0.47	262	<10
B00393271	0.03	<5	<0.5	<10	61.9	<0.01	2	<10
B00393272	0.09	<5	13.8	<10	636	1.54	218	<10
B00393273	0.02	<5	<0.5	<10	10.7	<0.01	5	<10
B00393274	0.05	<5	9.5	<10	68.7	0.30	60	<10
B00393275	0.19	<5	9.4	<10	27.9	0.12	59	<10
B00393276	2.39	<5	<0.5	<10	4.7	0.01	50	<10
B00393277	0.18	5	11.4	<10	447	1.74	189	<10
B00393278	0.20	8	29.3	<10	253	0.12	167	<10
B00393279	0.45	<5	15.4	<10	181	0.10	114	<10
B00393280	0.02	<5	5.7	<10	371	0.13	37	<10
B00393281	0.04	<5	<0.5	<10	19.6	0.02	5	<10
B00393282	0.01	<5	<0.5	<10	7.4	<0.01	4	<10
B00393283	0.04	<5	29.8	<10	421	0.72	275	<10
B00393284	0.02	<5	0.6	<10	25.4	<0.01	2	<10
B00393001	1.19	<5	14.5	<10	141	0.38	86	<10
B00393002	1.97	5	28.3	<10	99.8	0.43	192	<10
B00393003	0.64	<5	62.4	<10	158	0.86	403	<10
B00393004	0.27	57	20.0	<10	212	0.18	150	<10
B00393005	3.42	<5	26.7	<10	172	1.07	180	<10
B00393006	1.43	<5	16.2	<10	261	0.47	140	<10
B00393007	>5.00	<5	8.6	<10	40.6	0.18	176	19
B00393008	1.13	5	2.0	<10	19.3	0.02	7	<10
B00393010	1.82	<5	39.1	<10	28.9	0.41	305	<10
B00393011	0.26	<5	6.7	<10	108	0.06	61	<10
B00393012	0.35	<5	0.5	<10	14.3	<0.01	10	<10
B00393014	>5.00	<5	4.6	<10	50.3	0.05	90	<10
B00393015	0.40	<5	27.7	<10	142	0.34	247	<10
B00393016	>5.00	<5	20.6	<10	31.8	0.19	203	<10
B00393017	0.61	<5	18.4	<10	70.5	0.25	132	<10
B00393018	>5.00	<5	1.1	<10	6.4	<0.01	25	<10
B00393019	>5.00	8	5.8	<10	13.0	0.02	140	<10
B00393020	3.57	9	6.3	<10	169	0.24	113	140

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00393511	3.49	<5	0.6	<10	149	<0.01	34	<10
*Rep B00393282	<0.01	<5	<0.5	<10	7.4	<0.01	4	<10
*Std OREAS-602	2.06	81	4.1	<10	418	0.18	33	18
*Std RTS-3A	>5.00	6	14.5	39	45.9	0.29	114	16
*Std OREAS-602	2.14	82	4.2	<10	482	0.19	33	19
*Std OREAS-903	0.47	<5	10.1	<10	79.2	0.14	70	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	@Au
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GO_FAG505
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	0.5 ppm
B00393501	2.8	59	26.2	<0.05	N.A.	N.A.
B00393502	1.6	37	5.4	1.58	N.A.	N.A.
B00393504	1.8	24	25.5	0.24	N.A.	N.A.
B00393505	1.7	16	18.3	<0.05	N.A.	N.A.
B00393506	4.0	11	1.2	<0.05	N.A.	N.A.
B00393507	6.4	59	56.4	<0.05	N.A.	N.A.
B00393508	5.9	31	1.5	<0.05	N.A.	N.A.
B00393509	4.9	24	6.6	<0.05	N.A.	N.A.
B00393510	15.5	90	118	<0.05	N.A.	N.A.
B00393511	2.2	28	28.9	0.08	N.A.	N.A.
B00393512	10.4	91	92.8	0.05	N.A.	N.A.
B00393513	1.1	83	3.6	<0.05	N.A.	N.A.
B00393516	7.0	36	30.5	<0.05	N.A.	N.A.
B00393517	13.0	74	15.3	0.15	N.A.	N.A.
B00393519	54.6	289	682	0.08	N.A.	N.A.
B00393520	6.8	290	34.4	0.50	N.A.	N.A.
B00393521	4.7	49	24.6	<0.05	N.A.	N.A.
B00393522	6.9	20	0.7	<0.05	N.A.	N.A.
B00393524	5.0	9	28.8	<0.05	N.A.	N.A.
B00393525	2.7	42	12.9	<0.05	N.A.	N.A.
B00393526	<0.5	5	1.1	<0.05	N.A.	N.A.
B00393527	7.9	54	149	<0.05	N.A.	N.A.
B00393528	9.4	73	81.2	<0.05	N.A.	N.A.
B00393529	4.6	50	25.0	<0.05	N.A.	N.A.
B00393530	<0.5	3	2.0	<0.05	N.A.	N.A.
B00393251	2.6	9	18.2	<0.05	N.A.	N.A.
B00393252	6.4	64	21.6	<0.05	N.A.	N.A.
B00393253	<0.5	4	3.2	<0.05	N.A.	N.A.
B00393254	1.3	865	43.3	<0.05	N.A.	N.A.
B00393255	5.5	45	19.8	<0.05	N.A.	N.A.
B00393256	8.0	115	21.9	<0.05	N.A.	N.A.
B00393257	<0.5	4	0.8	<0.05	N.A.	N.A.
B00393258	24.2	9	128	<0.05	N.A.	N.A.
B00393259	<0.5	4	1.7	<0.05	N.A.	N.A.
B00393260	0.6	7	1.9	<0.05	N.A.	N.A.
*Dup B00393260	0.7	5	2.2	<0.05	N.A.	N.A.
B00393261	1.0	173	5.2	<0.05	N.A.	N.A.
B00393262	15.6	88	32.6	0.07	N.A.	N.A.
B00393263	6.2	16	8.7	0.06	N.A.	N.A.
B00393264	2.0	65	22.5	<0.05	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	@Au
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GO_FAG505
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	0.5 ppm
B00393265	20.8	84	75.7	<0.05	N.A.	N.A.
B00393266	<0.5	8	11.4	<0.05	N.A.	N.A.
B00393267	9.7	50	21.3	<0.05	N.A.	N.A.
B00393269	14.3	79	27.6	<0.05	N.A.	N.A.
B00393271	1.3	8	0.9	<0.05	N.A.	N.A.
B00393272	13.4	97	169	<0.05	N.A.	N.A.
B00393273	1.5	10	9.9	<0.05	N.A.	N.A.
B00393274	6.5	130	57.3	<0.05	N.A.	N.A.
B00393275	3.5	26	11.1	<0.05	N.A.	N.A.
B00393276	<0.5	9	5.0	<0.05	N.A.	N.A.
B00393277	12.7	115	362	<0.05	N.A.	N.A.
B00393278	6.8	60	48.5	<0.05	N.A.	N.A.
B00393279	5.7	36	58.8	<0.05	N.A.	N.A.
B00393280	5.4	22	39.9	<0.05	N.A.	N.A.
B00393281	1.1	4	8.6	<0.05	N.A.	N.A.
B00393282	<0.5	5	2.5	<0.05	N.A.	N.A.
B00393283	13.4	96	24.3	<0.05	N.A.	N.A.
B00393284	0.6	10	2.2	0.06	N.A.	N.A.
B00393001	18.3	102	132	0.44	N.A.	N.A.
B00393002	15.6	2414	47.5	0.16	N.A.	N.A.
B00393003	24.1	152	52.6	0.10	N.A.	N.A.
B00393004	6.6	140	41.7	<0.05	N.A.	N.A.
B00393005	10.7	43	50.7	0.24	N.A.	N.A.
B00393006	99.4	31	64.9	0.16	N.A.	N.A.
B00393007	28.0	3222	118	0.99	N.A.	N.A.
B00393008	3.1	40	28.1	<0.05	N.A.	N.A.
B00393010	19.3	127	70.4	0.06	N.A.	N.A.
B00393011	6.0	52	32.2	<0.05	N.A.	N.A.
B00393012	2.1	41	9.2	<0.05	N.A.	N.A.
B00393014	3.6	145	47.5	0.24	N.A.	N.A.
B00393015	10.9	111	85.7	<0.05	N.A.	N.A.
B00393016	14.1	112	97.2	0.47	N.A.	14.86
B00393017	11.4	78	98.9	<0.05	N.A.	N.A.
B00393018	0.8	19	6.5	0.09	N.A.	N.A.
B00393019	4.5	478	29.1	0.61	N.A.	N.A.
B00393020	14.2	40	97.6	1.80	16391	N.A.

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Element	@Y	@Zn	@Zr	@Te	Cu	@Au
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GO_FAG505
Det.Lim.	0.5	1	0.5	0.05	10	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm
*Rep B00393511	2.3	34	31.0	0.06		
*Rep B00393282	<0.5	5	2.4	<0.05		
*Std OREAS-602	5.6	4034	80.8	34.92		
*Std RTS-3A	11.2	2595	66.5	2.11		
*Std OREAS-602	5.7	4299	82.7	35.55		
*Std OREAS-903	21.2	25	152	<0.05		
*Blk BLANK	<0.5	<1	<0.5	<0.05		
*Rep B00393020					17161	
*Std MP-1B					30944	
*Blk BLANK					<10	
*Rep B00393016						14.66
*Blk BLANK						N.A.
*Blk BLANK						<0.50
*Std OREAS-229B						11.49

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Certificate of Analysis
Work Order : VD1900471
[Report File No.: 000021702]

Date: September 10, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: QK-19-GRAB-01
Project No.: -
Samples: 75
Received: Aug 6, 2019
Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
72	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79 0.001 kg	GE_FAA515 0.005 ppm	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 3 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm
B00393021	1.311	0.049	<2	0.10	4	4	<0.5	<5
B00393023	0.912	<0.005	<2	0.21	<3	12	<0.5	<5
B00393024	1.023	0.029	<2	1.94	26	33	<0.5	<5
B00393025	0.704	<0.005	<2	0.09	5	2	<0.5	<5
B00393026	1.069	0.052	<2	0.13	<3	7	<0.5	<5
B00393751	1.739	<0.005	<2	0.25	<3	23	<0.5	<5
B00393752	1.018	<0.005	<2	0.07	4	5	<0.5	<5
B00393753	1.146	<0.005	<2	0.11	<3	17	<0.5	<5
B00393754	0.627	0.009	<2	6.06	<3	25	0.9	<5
B00393755	0.894	<0.005	<2	0.79	<3	49	<0.5	<5
B00393756	0.656	<0.005	<2	4.48	<3	99	0.9	<5
B00393757	1.308	<0.005	<2	1.82	33	347	2.3	<5
B00393758	0.786	0.188	<2	0.80	<3	185	<0.5	<5
B00393759	1.767	0.010	<2	2.32	<3	36	6.3	<5
B00393760	0.183	<0.005	<2	6.55	<3	361	1.0	<5
B00393761	0.891	0.007	<2	7.08	<3	184	1.4	<5
B00393762	0.671	<0.005	<2	2.98	4	260	0.9	<5
B00393763	0.751	<0.005	<2	0.25	<3	97	<0.5	<5
B00393764	0.671	<0.005	<2	0.09	<3	7	<0.5	<5
B00393765	0.711	<0.005	<2	3.14	5	226	<0.5	<5
B00393767	0.980	<0.005	<2	0.14	<3	17	<0.5	<5
B00393768	0.885	<0.005	<2	5.60	3	120	0.9	<5
B00393769	0.733	<0.005	<2	0.28	<3	35	<0.5	<5
B00393770	0.767	<0.005	<2	1.09	5	108	<0.5	<5
B00393771	0.867	<0.005	<2	8.11	<3	79	1.2	<5
B00393773	0.696	<0.005	<2	9.02	<3	251	1.2	<5
B00393774	1.073	<0.005	<2	9.11	<3	41	1.6	<5
B00393775	0.765	<0.005	<2	0.75	6	6	<0.5	<5
B00393777	0.938	<0.005	<2	9.67	<3	92	1.7	<5
B00393778	0.995	0.014	<2	9.42	<3	217	1.6	<5
B00393780	0.066	0.380	<2	4.91	347	250	1.1	<5
B00393781	0.751	0.009	<2	6.76	19	174	1.1	<5
B00393783	1.298	<0.005	<2	0.78	<3	76	<0.5	<5
B00393784	0.941	0.012	<2	8.74	3	232	1.6	<5
B00393787	1.126	<0.005	<2	7.47	<3	585	1.2	<5
*Dup B00393787	N.A.	<0.005	<2	7.45	<3	582	1.2	<5
B00393788	0.948	0.010	<2	8.50	5	282	2.0	<5
B00393790	0.975	<0.005	<2	4.81	9	22	0.6	<5
B00393791	0.859	<0.005	<2	0.14	<3	5	<0.5	<5
B00393793	1.029	0.008	<2	7.73	37	274	1.1	<5

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79 0.001 kg	GE_FAA515 0.005 ppm	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 3 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm
B00393794	1.004	<0.005	<2	0.12	<3	8	<0.5	<5
B00393796	0.898	<0.005	<2	0.17	5	19	<0.5	<5
B00393797	1.081	1.227	<2	6.41	1348	232	0.9	<5
B00393799	0.846	<0.005	<2	0.06	<3	12	<0.5	<5
B00393800	0.207	<0.005	<2	6.27	<3	356	1.1	<5
B00393801	0.976	0.010	<2	3.63	35	1116	3.8	<5
B00393802	0.776	0.012	<2	0.21	73	26	<0.5	<5
B00393803	1.060	<0.005	<2	0.15	135	25	<0.5	<5
B00393804	0.937	<0.005	<2	0.14	<3	29	<0.5	<5
B00393805	0.932	<0.005	<2	8.61	38	251	1.4	<5
B00393806	0.946	<0.005	<2	3.55	<3	73	0.5	<5
B00393807	1.042	<0.005	<2	0.55	<3	580	<0.5	<5
B00393808	0.803	<0.005	<2	7.03	3	84	1.1	<5
B00393810	1.620	<0.005	<2	7.42	3	16	0.7	<5
B00393285	1.029	0.010	<2	4.26	85	75	0.8	<5
B00393286	1.214	<0.005	<2	8.15	<3	262	1.0	<5
B00393287	1.206	0.008	<2	0.08	8	4	<0.5	<5
B00393288	0.962	0.057	<2	0.80	<3	25	<0.5	<5
B00393289	1.269	<0.005	<2	7.74	41	130	0.8	<5
B00393290	0.698	0.032	<2	4.19	386	481	<0.5	<5
B00393291	1.093	<0.005	<2	0.08	<3	28	<0.5	<5
B00393292	0.831	<0.005	<2	3.58	<3	11	2.1	<5
B00393293	1.594	<0.005	<2	0.77	<3	7	<0.5	7
B00393294	1.046	<0.005	<2	8.59	16	51	1.4	<5
B00393295	0.845	0.008	<2	7.86	16	30	0.8	<5
B00393296	1.236	<0.005	<2	3.46	96	108	<0.5	<5
B00393297	0.834	0.011	<2	6.55	<3	27	0.9	<5
B00393298	1.125	<0.005	<2	0.05	<3	2	<0.5	<5
B00393299	0.560	<0.005	<2	7.88	11	182	0.7	<5
B00393300	0.203	<0.005	<2	6.05	<3	346	1.1	<5
B00393301	0.995	<0.005	<2	8.35	27	317	1.0	<5
B00393302	0.925	<0.005	<2	8.20	5	67	1.4	<5
B00393303	0.920	0.312	3	5.42	7	316	0.9	<5
B00393304	1.307	0.005	<2	0.21	8	4	<0.5	<5
B00393305	0.972	<0.005	<2	0.88	<3	35	<0.5	<5
B00393306	0.969	<0.005	<2	0.88	4	62	<0.5	<5
*Rep B00393767		<0.005						
*Rep B00393287		0.008						
*Std OXB130		0.116						
*Std OXG141		0.943						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OXB130	0.121						
*Blk BLANK	<0.005						
*Rep B00393783		<2	0.78	<3	78	<0.5	<5
*Rep B00393295		<2	7.71	14	30	0.8	<5
*Std OREAS-602		>100	4.39	631	225	1.0	53
*Std RTS-3A		12	5.17	13	103	0.6	32
*Std OREAS-602		>100	4.26	662	95	0.9	50
*Std RTS-3A		11	4.99	18	98	0.6	29
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393021	0.08	<1	<1	70	26.3	0.87	0.01	<0.5
B00393023	0.86	<1	4	84	22.9	1.96	0.03	<0.5
B00393024	0.58	<1	5	79	3.2	2.08	0.13	1.3
B00393025	0.03	<1	<1	78	10.7	1.08	0.02	<0.5
B00393026	0.01	<1	1	73	1936	2.07	0.07	<0.5
B00393751	0.87	<1	2	122	27.0	1.14	0.11	1.1
B00393752	0.29	<1	2	88	19.2	1.29	0.01	<0.5
B00393753	0.73	<1	2	54	14.2	1.71	<0.01	<0.5
B00393754	5.10	<1	56	100	339	11.6	0.04	7.7
B00393755	0.55	<1	1	100	4.2	1.03	0.24	1.6
B00393756	6.48	<1	14	100	24.8	5.52	0.26	4.0
B00393757	11.7	<1	32	148	8.7	9.37	0.70	29.2
B00393758	0.47	<1	11	118	203	10.5	0.35	1.9
B00393759	2.53	<1	4	57	3.6	1.79	0.10	0.9
B00393760	1.79	<1	6	37	8.0	2.01	1.38	9.0
B00393761	4.79	<1	51	350	78.4	10.4	0.61	7.6
B00393762	11.5	<1	19	29	5.2	6.07	1.79	20.8
B00393763	2.92	<1	1	60	4.6	2.61	0.04	1.1
B00393764	1.63	<1	<1	56	2.4	1.11	0.02	<0.5
B00393765	0.08	3	2	18	4.9	2.68	3.72	2.9
B00393767	0.05	<1	<1	100	1.6	0.89	0.07	<0.5
B00393768	5.43	<1	4	15	7.8	3.47	0.35	65.0
B00393769	0.99	<1	3	70	16.9	2.16	0.15	1.3
B00393770	0.25	<1	4	58	48.9	1.65	0.13	2.1
B00393771	3.63	<1	38	51	50.8	9.09	0.31	10.5
B00393773	4.55	<1	9	31	71.7	4.55	1.07	18.4
B00393774	7.68	<1	17	53	85.7	8.37	0.15	17.6
B00393775	1.16	<1	11	69	34.9	1.34	<0.01	2.9
B00393777	6.33	<1	15	16	118	9.76	0.46	15.1
B00393778	2.59	<1	105	60	253	9.93	1.44	8.2
B00393780	3.67	<1	341	31	6351	>15.0	3.35	152
B00393781	1.74	<1	30	33	306	3.05	0.86	2.0
B00393783	0.03	<1	<1	67	4.2	1.00	0.38	3.0
B00393784	6.43	<1	26	28	373	9.28	0.55	19.0
B00393787	1.83	<1	16	41	101	3.33	1.39	15.6
*Dup B00393787	1.84	<1	15	31	99.8	3.25	1.39	14.2
B00393788	2.76	<1	40	23	261	9.62	1.45	9.3
B00393790	1.93	<1	12	101	128	3.71	0.06	3.2
B00393791	0.26	<1	1	56	29.4	1.31	0.02	<0.5
B00393793	5.53	<1	22	25	1.2	6.95	1.82	12.9

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00393794	1.97	<1	1	87	2.1	2.22	0.02	4.4
B00393796	0.51	<1	3	50	2.2	1.55	0.05	1.1
B00393797	1.32	<1	625	21	2116	>15.0	1.07	1.3
B00393799	0.02	<1	<1	45	3.2	0.90	0.05	<0.5
B00393800	1.68	<1	5	31	6.8	1.89	1.31	9.5
B00393801	10.5	<1	36	177	237	8.72	1.48	180
B00393802	2.67	<1	7	54	1.6	3.91	0.07	19.8
B00393803	0.98	<1	2	68	7.0	2.25	0.05	4.3
B00393804	0.06	<1	<1	42	2.2	0.85	0.17	<0.5
B00393805	4.64	<1	35	23	33.9	10.6	1.81	16.0
B00393806	2.94	<1	15	101	25.7	3.69	0.29	4.1
B00393807	3.75	<1	1	49	2.2	1.16	0.25	2.4
B00393808	2.50	<1	7	33	706	1.67	0.19	15.0
B00393810	5.87	<1	30	20	135	7.16	0.02	6.3
B00393285	5.46	2	22	118	274	>15.0	0.31	2.4
B00393286	3.32	<1	27	31	101	8.00	0.81	7.7
B00393287	0.09	<1	2	75	10.4	1.26	0.01	<0.5
B00393288	0.83	<1	6	38	35.1	2.46	0.03	<0.5
B00393289	5.68	<1	48	105	66.8	8.09	0.34	2.9
B00393290	8.74	<1	65	819	83.1	6.58	1.05	4.5
B00393291	0.45	<1	2	50	41.8	1.35	0.02	1.7
B00393292	5.01	<1	82	63	331	4.77	0.02	<0.5
B00393293	0.15	1	77	35	701	>15.0	0.01	<0.5
B00393294	0.34	<1	14	29	26.7	7.45	0.25	2.1
B00393295	3.79	<1	32	59	64.5	10.4	0.04	8.2
B00393296	8.17	<1	52	786	97.0	6.74	0.22	3.1
B00393297	3.85	3	46	90	241	12.7	0.10	7.2
B00393298	0.24	<1	<1	62	4.4	0.87	<0.01	<0.5
B00393299	5.73	<1	58	113	49.3	9.00	0.94	4.0
B00393300	1.61	<1	5	47	7.5	1.96	1.26	9.3
B00393301	4.26	<1	21	15	67.0	6.27	2.01	13.7
B00393302	4.72	1	33	44	210	8.96	0.11	12.3
B00393303	8.92	3	33	49	>10000	7.71	0.48	15.5
B00393304	0.38	<1	14	58	219	1.27	<0.01	<0.5
B00393305	0.71	<1	5	58	149	1.82	0.10	1.8
B00393306	0.52	<1	3	57	82.1	1.90	0.15	2.0

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393783	0.03	<1	<1	71	3.2	1.00	0.38	3.1
*Rep B00393295	3.80	<1	32	57	65.1	10.3	0.04	8.2
*Std OREAS-602	0.61	27	10	37	5246	2.19	0.71	19.0
*Std RTS-3A	1.98	8	123	138	2342	>15.0	0.48	9.2
*Std OREAS-602	0.60	26	9	26	5069	2.15	0.69	17.7
*Std RTS-3A	1.93	8	117	139	2343	>15.0	0.48	8.7
*Bik BLANK	<0.01	<1	<1	<1	0.8	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393021	<1	0.02	100	6	0.02	4	<0.01	19
B00393023	<1	0.15	682	7	0.05	6	<0.01	<2
B00393024	<1	0.03	338	6	1.55	10	0.01	2
B00393025	<1	<0.01	104	7	0.03	4	<0.01	<2
B00393026	<1	0.01	120	79	0.04	15	<0.01	3
B00393751	1	0.05	541	7	0.02	7	<0.01	3
B00393752	<1	0.01	302	8	0.04	18	<0.01	13
B00393753	<1	0.14	443	6	0.03	4	<0.01	3
B00393754	<1	2.31	632	19	3.38	130	0.05	9
B00393755	4	0.12	153	5	0.22	6	0.11	16
B00393756	<1	0.93	1026	5	0.25	8	0.07	<2
B00393757	18	4.61	2185	<1	0.12	68	0.22	4
B00393758	<1	0.40	2930	6	0.02	33	0.03	6
B00393759	1	0.22	1371	5	0.18	4	<0.01	<2
B00393760	9	0.61	346	<1	2.95	19	0.02	7
B00393761	21	3.90	897	<1	1.44	105	0.08	<2
B00393762	26	5.70	2396	15	0.26	25	0.02	13
B00393763	<1	1.02	151	4	0.02	19	0.01	<2
B00393764	<1	0.48	181	8	0.01	4	<0.01	<2
B00393765	<1	0.03	97	11	0.14	4	<0.01	439
B00393767	1	0.02	105	6	<0.01	4	<0.01	<2
B00393768	3	1.08	1517	2	4.13	5	0.07	12
B00393769	2	0.21	2093	5	<0.01	11	0.04	4
B00393770	3	0.29	165	4	0.31	10	0.01	2
B00393771	7	1.31	151	2	2.99	20	0.05	<2
B00393773	20	2.04	654	2	2.69	3	0.06	<2
B00393774	9	2.35	984	<1	1.87	10	0.13	<2
B00393775	<1	0.16	165	6	0.04	13	0.01	<2
B00393777	11	1.61	1050	<1	2.37	5	0.12	<2
B00393778	22	2.05	378	1	3.15	29	0.05	2
B00393780	19	1.15	3138	129	0.99	66	0.08	14
B00393781	5	0.33	177	4	2.91	4	0.04	2
B00393783	2	0.06	105	3	0.02	2	<0.01	<2
B00393784	12	2.03	1820	<1	2.40	10	0.13	<2
B00393787	11	0.63	220	4	2.46	3	0.03	3
*Dup B00393787	10	0.61	221	4	2.50	3	0.03	3
B00393788	17	1.45	407	1	2.67	6	0.16	<2
B00393790	7	0.93	356	4	1.94	4	0.03	<2
B00393791	<1	0.06	119	5	0.04	3	<0.01	<2
B00393793	4	1.42	1246	<1	3.11	8	0.09	<2

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393794	<1	0.48	412	8	0.04	4	<0.01	<2
B00393796	2	0.09	231	4	0.05	4	<0.01	<2
B00393797	24	2.95	776	1	0.23	7	0.11	4
B00393799	<1	<0.01	91	6	0.01	4	<0.01	<2
B00393800	9	0.55	311	<1	2.63	19	0.02	7
B00393801	37	4.83	1986	<1	0.60	56	0.26	5
B00393802	1	0.48	1680	4	0.04	4	<0.01	5
B00393803	2	0.21	396	6	0.02	6	<0.01	<2
B00393804	<1	0.02	111	7	<0.01	3	<0.01	<2
B00393805	49	3.82	1085	<1	0.41	42	0.11	<2
B00393806	6	1.92	612	10	1.08	34	0.04	<2
B00393807	5	1.90	323	5	0.18	4	0.02	<2
B00393808	4	0.30	171	4	3.02	3	0.02	<2
B00393810	9	2.67	1106	<1	1.37	32	0.05	<2
B00393285	3	3.13	1239	10	0.44	294	0.19	13
B00393286	10	2.13	1063	<1	3.44	38	0.09	<2
B00393287	<1	0.04	151	8	0.02	10	<0.01	2
B00393288	2	0.18	515	5	0.15	5	0.01	<2
B00393289	12	4.73	1112	<1	2.41	76	0.04	<2
B00393290	12	3.88	1158	<1	0.80	576	0.04	<2
B00393291	<1	0.04	197	5	0.01	6	0.18	2
B00393292	1	0.50	1431	3	0.14	36	<0.01	<2
B00393293	9	0.95	140	6	0.01	174	0.03	34
B00393294	15	1.45	543	<1	4.68	11	0.13	4
B00393295	11	2.12	877	2	2.70	28	0.09	4
B00393296	82	7.45	1134	<1	0.25	567	0.03	2
B00393297	11	2.67	783	10	1.71	159	0.05	16
B00393298	<1	0.02	111	7	0.02	4	<0.01	<2
B00393299	18	3.02	1418	<1	1.41	77	0.03	<2
B00393300	8	0.53	308	<1	2.55	20	0.02	6
B00393301	12	1.20	1213	1	2.12	4	0.07	<2
B00393302	11	2.96	2591	1	0.75	24	0.08	7
B00393303	16	1.74	1451	3	1.50	6	0.08	13
B00393304	<1	0.05	125	6	0.08	10	<0.01	<2
B00393305	1	0.19	268	6	0.22	4	0.01	<2
B00393306	<1	0.14	235	5	0.22	4	0.01	3

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00393783	2	0.06	106	3	0.02	3	<0.01	<2
*Rep B00393295	10	2.10	872	2	2.66	28	0.09	3
*Std OREAS-602	22	0.21	242	4	0.44	61	0.06	991
*Std RTS-3A	16	2.49	1495	<1	0.67	56	0.04	207
*Std OREAS-602	21	0.20	227	4	0.42	60	0.05	996
*Std RTS-3A	16	2.48	1449	<1	0.65	55	0.04	198
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393021	0.01	<5	<0.5	<10	4.2	<0.01	4	<10
B00393023	0.01	<5	2.3	<10	14.6	<0.01	9	<10
B00393024	<0.01	<5	6.2	<10	13.2	0.04	15	<10
B00393025	0.04	<5	<0.5	<10	1.7	<0.01	3	<10
B00393026	0.16	<5	<0.5	<10	1.6	0.01	12	<10
B00393751	0.01	<5	0.6	<10	32.1	<0.01	7	<10
B00393752	0.10	<5	<0.5	<10	5.7	<0.01	4	<10
B00393753	0.08	<5	0.8	<10	20.4	<0.01	5	<10
B00393754	>5.00	<5	30.1	<10	132	0.71	456	<10
B00393755	0.04	<5	1.0	<10	24.3	0.02	9	<10
B00393756	0.13	<5	19.0	<10	303	0.54	143	<10
B00393757	0.08	<5	11.5	<10	494	0.42	111	<10
B00393758	2.80	<5	2.7	<10	12.4	0.03	40	<10
B00393759	<0.01	<5	3.5	<10	158	0.06	56	<10
B00393760	<0.01	<5	6.0	<10	348	0.14	38	<10
B00393761	0.21	5	31.4	<10	276	0.94	301	<10
B00393762	0.23	<5	3.4	<10	197	0.11	24	<10
B00393763	0.23	<5	<0.5	<10	33.5	<0.01	11	<10
B00393764	0.02	<5	<0.5	<10	20.1	<0.01	4	<10
B00393765	1.56	<5	<0.5	<10	112	<0.01	5	10
B00393767	<0.01	<5	<0.5	<10	2.1	<0.01	5	<10
B00393768	0.02	<5	5.6	<10	286	0.19	7	<10
B00393769	0.12	<5	<0.5	<10	95.1	0.02	4	<10
B00393770	0.13	<5	1.2	<10	28.5	0.06	17	<10
B00393771	>5.00	<5	23.0	<10	280	0.62	217	<10
B00393773	0.27	<5	18.1	<10	193	0.42	129	<10
B00393774	0.59	<5	30.7	<10	313	0.98	265	<10
B00393775	0.07	<5	1.8	<10	50.2	0.13	24	<10
B00393777	0.70	<5	25.3	<10	347	0.97	231	<10
B00393778	4.17	<5	17.2	<10	303	0.59	210	<10
B00393780	1.79	6	12.6	<10	151	0.33	209	77
B00393781	0.90	<5	4.9	<10	238	0.22	43	<10
B00393783	0.01	<5	0.8	<10	6.4	0.02	8	<10
B00393784	0.38	<5	30.8	<10	639	0.97	272	<10
B00393787	0.54	<5	4.5	<10	230	0.17	34	<10
*Dup B00393787	0.48	<5	4.2	<10	234	0.17	31	<10
B00393788	1.94	<5	30.5	<10	289	0.93	271	<10
B00393790	0.27	<5	14.7	<10	122	0.38	104	<10
B00393791	0.02	<5	<0.5	<10	7.9	0.01	5	<10
B00393793	0.03	<5	27.4	<10	261	0.50	242	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393794	0.02	<5	2.7	<10	66.6	<0.01	10	<10
B00393796	<0.01	<5	0.8	<10	25.9	<0.01	7	<10
B00393797	0.97	<5	25.9	<10	27.5	0.78	254	<10
B00393799	0.02	<5	<0.5	<10	2.4	<0.01	3	<10
B00393800	<0.01	<5	5.5	<10	357	0.14	38	<10
B00393801	0.15	<5	28.7	<10	1326	0.82	255	<10
B00393802	0.02	<5	4.2	<10	41.3	<0.01	11	<10
B00393803	0.02	<5	1.5	<10	30.9	0.01	9	<10
B00393804	<0.01	<5	<0.5	<10	5.2	<0.01	3	<10
B00393805	0.05	<5	25.0	<10	96.7	0.59	246	<10
B00393806	0.01	<5	12.4	<10	86.3	0.28	91	<10
B00393807	0.02	<5	0.7	<10	59.0	0.02	9	<10
B00393808	0.35	<5	3.7	<10	264	0.12	21	<10
B00393810	1.00	7	27.9	<10	418	0.54	233	<10
B00393285	>5.00	<5	19.1	<10	12.1	0.29	228	13
B00393286	3.05	<5	31.6	<10	123	0.76	297	<10
B00393287	0.12	<5	<0.5	<10	2.7	<0.01	5	<10
B00393288	0.11	<5	2.8	<10	25.7	0.02	33	<10
B00393289	1.07	<5	49.3	<10	42.0	0.68	318	<10
B00393290	0.20	11	23.6	<10	200	0.12	184	<10
B00393291	0.05	<5	<0.5	<10	8.5	<0.01	4	<10
B00393292	1.43	<5	2.6	<10	207	0.06	57	<10
B00393293	>5.00	7	2.7	<10	3.4	0.14	65	<10
B00393294	2.38	<5	21.8	<10	173	0.86	218	<10
B00393295	>5.00	<5	24.3	<10	252	0.59	199	<10
B00393296	0.28	13	20.2	<10	189	0.15	141	<10
B00393297	>5.00	<5	38.5	<10	119	0.71	420	<10
B00393298	0.04	<5	<0.5	<10	7.3	<0.01	4	<10
B00393299	0.04	<5	32.7	<10	65.2	0.52	244	<10
B00393300	0.02	<5	5.4	<10	347	0.13	39	<10
B00393301	0.16	<5	24.3	<10	207	0.37	201	<10
B00393302	0.80	8	30.7	<10	264	0.75	294	<10
B00393303	1.56	<5	17.3	<10	228	0.53	95	<10
B00393304	0.25	<5	<0.5	<10	6.8	0.01	4	<10
B00393305	0.05	<5	2.4	<10	33.9	0.07	20	<10
B00393306	0.16	<5	2.3	<10	39.2	0.08	18	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00393783	0.02	<5	0.9	<10	6.4	0.02	9	<10
*Rep B00393295	>5.00	<5	24.2	<10	247	0.58	197	<10
*Std OREAS-602	2.12	86	4.0	<10	454	0.20	34	19
*Std RTS-3A	>5.00	5	14.5	40	43.6	0.29	117	16
*Std OREAS-602	2.05	83	3.9	<10	442	0.20	33	19
*Std RTS-3A	>5.00	6	13.9	38	43.6	0.28	112	15
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GE_ICP90A 10 ppm
B00393021	<0.5	69	2.1	<0.05	N.A.
B00393023	1.8	24	1.9	<0.05	N.A.
B00393024	2.2	7	9.3	<0.05	N.A.
B00393025	<0.5	41	0.8	<0.05	N.A.
B00393026	<0.5	2	1.4	0.27	N.A.
B00393751	2.9	10	3.7	<0.05	N.A.
B00393752	<0.5	12	<0.5	<0.05	N.A.
B00393753	0.8	7	0.7	<0.05	N.A.
B00393754	25.4	60	102	0.39	N.A.
B00393755	2.1	11	5.0	<0.05	N.A.
B00393756	9.0	34	27.4	<0.05	N.A.
B00393757	16.8	108	230	0.06	N.A.
B00393758	2.4	53	16.8	0.15	N.A.
B00393759	1.8	15	3.5	<0.05	N.A.
B00393760	6.0	21	40.5	<0.05	N.A.
B00393761	15.5	104	55.6	0.06	N.A.
B00393762	9.8	46	69.9	0.20	N.A.
B00393763	1.9	7	18.0	0.06	N.A.
B00393764	0.5	7	2.7	<0.05	N.A.
B00393765	1.5	653	66.5	<0.05	N.A.
B00393767	<0.5	4	4.2	<0.05	N.A.
B00393768	35.4	25	359	<0.05	N.A.
B00393769	3.1	16	4.4	<0.05	N.A.
B00393770	1.2	11	7.4	<0.05	N.A.
B00393771	14.9	6	59.0	0.31	N.A.
B00393773	21.6	41	105	0.10	N.A.
B00393774	31.4	51	122	0.31	N.A.
B00393775	2.1	5	6.8	0.08	N.A.
B00393777	27.4	44	87.6	0.58	N.A.
B00393778	16.7	34	105	1.41	N.A.
B00393780	19.1	25	123	0.98	N.A.
B00393781	5.6	11	81.5	0.88	N.A.
B00393783	<0.5	6	7.2	<0.05	N.A.
B00393784	29.1	104	43.2	0.14	N.A.
B00393787	6.9	28	105	0.33	N.A.
*Dup B00393787	6.4	28	101	0.38	N.A.
B00393788	27.7	21	103	2.41	N.A.
B00393790	9.3	19	40.9	0.14	N.A.
B00393791	<0.5	3	1.2	0.09	N.A.
B00393793	12.8	20	57.3	0.08	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm
B00393794	3.1	6	1.4	<0.05	N.A.
B00393796	0.7	6	0.9	<0.05	N.A.
B00393797	13.7	83	112	1.00	N.A.
B00393799	<0.5	1	0.6	<0.05	N.A.
B00393800	6.1	20	46.2	<0.05	N.A.
B00393801	27.9	83	260	<0.05	N.A.
B00393802	8.3	15	1.0	<0.05	N.A.
B00393803	3.2	8	2.4	<0.05	N.A.
B00393804	<0.5	2	2.1	<0.05	N.A.
B00393805	11.8	77	58.1	0.06	N.A.
B00393806	9.1	40	16.6	<0.05	N.A.
B00393807	5.0	6	17.5	<0.05	N.A.
B00393808	11.3	12	124	<0.05	N.A.
B00393810	23.6	80	51.1	<0.05	N.A.
B00393285	21.0	819	44.4	0.35	N.A.
B00393286	23.3	59	81.1	<0.05	N.A.
B00393287	<0.5	25	0.8	<0.05	N.A.
B00393288	1.1	26	4.9	0.19	N.A.
B00393289	21.1	87	42.9	0.17	N.A.
B00393290	8.8	48	57.2	0.06	N.A.
B00393291	4.2	7	4.9	<0.05	N.A.
B00393292	4.9	40	6.1	0.05	N.A.
B00393293	6.3	491	41.9	7.29	N.A.
B00393294	7.2	108	141	0.61	N.A.
B00393295	11.6	80	21.1	0.37	N.A.
B00393296	7.0	64	38.9	0.09	N.A.
B00393297	22.9	609	90.1	0.24	N.A.
B00393298	<0.5	6	0.6	<0.05	N.A.
B00393299	9.3	69	36.5	<0.05	N.A.
B00393300	5.8	21	38.2	<0.05	N.A.
B00393301	13.3	79	36.1	0.05	N.A.
B00393302	20.0	646	29.0	0.75	N.A.
B00393303	22.8	194	35.9	0.40	13314
B00393304	<0.5	20	<0.5	0.05	N.A.
B00393305	2.3	40	3.1	<0.05	N.A.
B00393306	2.7	11	4.6	<0.05	N.A.

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Element	@Y	@Zn	@Zr	@Te	Cu
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
Det.Lim.	0.5	1	0.5	0.05	10
Units	ppm	ppm	ppm	ppm	ppm
*Rep B00393783	<0.5	5	7.9	<0.05	
*Rep B00393295	11.6	80	22.1	0.32	
*Std OREAS-602	6.0	4276	80.1	35.53	
*Std RTS-3A	12.7	2716	68.6	1.67	
*Std OREAS-602	6.0	4182	79.4	34.30	
*Std RTS-3A	11.6	2707	64.5	2.09	
*Bik BLANK	<0.5	<1	<0.5	<0.05	
*Rep B00393303					13304
*Std MP-1B					31106
*Bik BLANK					<10

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Certificate of Analysis
Work Order : VD1900472
[Report File No.: 0000021701]

Date: September 10, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: QK-19-GRAB-01
Project No.: -
Samples: 75
Received: Aug 6, 2019
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
72	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Assays not suitable for commercial exchange.

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393307	1.301	<0.005	<2	9.00	<3	88	1.3	<5
B00393311	0.893	0.105	<2	8.91	<3	522	1.5	<5
B00393312	1.172	<0.005	<2	8.68	<3	393	1.2	<5
B00393313	0.997	<0.005	<2	9.40	<3	209	1.3	<5
B00393314	1.472	<0.005	<2	6.11	<3	282	1.1	<5
B00393315	1.354	<0.005	<2	8.39	<3	219	1.5	<5
B00393316	0.946	<0.005	<2	7.81	11	73	1.2	6
B00393317	0.882	<0.005	<2	8.82	5	49	1.4	6
B00393318	1.352	0.314	<2	7.12	<3	310	0.7	<5
B00393319	1.029	<0.005	<2	0.15	<3	12	<0.5	<5
B00393320	1.081	<0.005	<2	0.18	<3	14	<0.5	<5
B00393321	1.061	<0.005	<2	9.45	<3	203	1.3	<5
B00393322	0.931	<0.005	<2	3.57	6	8	0.6	5
B00393323	0.938	0.025	<2	0.65	65	3	<0.5	<5
B00393324	0.836	<0.005	<2	8.74	<3	605	1.7	7
B00393325	0.858	0.043	<2	5.29	8	254	4.6	<5
B00393326	1.027	<0.005	<2	3.48	<3	17	0.9	<5
B00393332	0.947	<0.005	<2	1.03	<3	20	<0.5	<5
B00393333	0.922	0.615	6	2.34	50	32	<0.5	<5
B00393334	0.908	<0.005	<2	11.0	5	335	1.1	<5
B00393531	1.235	<0.005	<2	2.38	4	166	1.8	<5
B00393532	0.981	<0.005	<2	0.12	<3	5	<0.5	<5
B00393533	0.622	<0.005	<2	8.73	<3	40	1.4	6
B00393534	0.447	0.880	<2	0.96	<3	5	<0.5	10
B00393535	1.053	<0.005	<2	1.57	<3	97	<0.5	<5
B00393537	1.231	<0.005	<2	0.36	<3	40	<0.5	<5
B00393538	0.667	0.029	<2	0.62	<3	117	0.5	<5
B00393540	0.065	2.454	4	3.51	17	193	0.8	<5
B00393542	0.781	0.041	<2	3.63	322	144	0.7	<5
B00393543	0.887	<0.005	<2	2.79	161	92	0.5	<5
B00393544	0.925	<0.005	<2	6.09	10	82	1.0	<5
B00393545	0.486	<0.005	<2	6.66	3	11	0.8	<5
B00393546	0.915	0.005	<2	3.96	24	55	<0.5	<5
B00393547	0.712	<0.005	<2	6.11	<3	28	1.2	<5
B00393548	0.819	0.023	<2	6.35	228	468	0.9	<5
*Dup B00393548	N.A.	0.023	<2	6.26	220	468	0.9	<5
B00393549	0.619	<0.005	<2	6.95	43	409	1.9	<5
B00393550	1.444	<0.005	<2	8.69	3	233	0.9	<5
B00393551	1.141	<0.005	<2	5.39	88	290	0.9	<5
B00393552	1.023	0.046	<2	6.10	124	311	0.7	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393553	0.995	<0.005	<2	1.60	<3	11	<0.5	<5
B00393554	1.045	0.014	<2	6.60	148	236	0.9	<5
B00393556	0.957	<0.005	<2	0.48	<3	28	<0.5	<5
B00393557	0.925	0.011	<2	0.71	<3	39	<0.5	<5
B00393558	0.977	<0.005	<2	0.72	3	57	<0.5	<5
B00393560	0.626	<0.005	<2	6.86	22	421	1.0	<5
B00393561	0.868	<0.005	<2	4.31	55	149	<0.5	<5
B00393562	0.897	<0.005	<2	7.31	<3	144	1.2	<5
B00393564	0.456	<0.005	<2	7.94	8	113	1.2	<5
B00393565	0.813	<0.005	<2	7.54	<3	545	1.2	<5
B00393566	1.379	0.046	<2	0.75	167	3	<0.5	<5
B00393567	1.375	0.361	<2	7.23	<3	483	1.8	7
B00393568	0.928	<0.005	<2	5.84	15	1287	10.5	<5
B00393570	0.993	<0.005	<2	5.49	3	170	0.7	<5
B00393571	1.050	<0.005	<2	3.68	6	110	1.7	<5
B00393572	0.966	<0.005	<2	7.69	<3	525	1.5	<5
B00393573	1.495	0.025	<2	3.54	50	7	<0.5	<5
B00393576	0.962	0.023	<2	7.71	<3	177	1.4	<5
B00393577	0.861	0.099	<2	5.86	937	161	0.7	<5
B00393580	0.223	<0.005	<2	5.97	<3	356	1.0	<5
B00393581	1.523	<0.005	<2	8.59	<3	201	1.1	5
B00393582	1.273	<0.005	<2	0.74	5	5	<0.5	<5
B00393583	0.943	0.035	<2	7.26	30	98	0.7	<5
B00393584	1.091	<0.005	<2	8.77	12	162	0.9	<5
B00393586	0.753	<0.005	<2	8.31	<3	290	1.2	<5
B00393587	1.590	<0.005	<2	2.29	19	48	<0.5	<5
B00393588	2.029	<0.005	<2	0.54	18	4	<0.5	<5
B00393591	1.415	<0.005	<2	4.23	63	180	1.1	<5
B00393592	1.359	0.011	<2	1.59	13	53	0.7	<5
B00393593	0.930	0.006	<2	1.41	19	113	0.5	<5
B00393594	0.833	<0.005	<2	2.54	<3	39	<0.5	<5
B00393595	1.382	<0.005	<2	0.23	<3	4	<0.5	<5
B00393597	1.033	<0.005	<2	2.04	10	18	0.5	<5
B00393598	1.129	<0.005	<2	0.68	<3	62	<0.5	<5
B00393599	1.154	<0.005	<2	2.34	5	193	0.8	<5
B00393600	0.131	0.862	45	4.06	108	119	0.8	<5
*Rep B00393333		0.565						
*Rep B00393560		<0.005						
*Std OREAS-217		0.316						
*Std OREAS-221		1.058						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-222	1.211						
*Blk BLANK	<0.005						
*Rep B00393546		<2	4.17	27	56	<0.5	<5
*Rep B00393558		<2	0.72	4	57	<0.5	<5
*Std OREAS-602		>100	4.28	654	255	0.9	54
*Std RTS-3A		10	4.87	15	98	0.6	36
*Std OREAS-602		>100	4.15	635	237	0.9	54
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393307	5.54	<1	24	22	94.5	7.66	0.28	14.2
B00393311	3.83	<1	42	27	3995	8.77	1.86	16.5
B00393312	4.74	<1	26	21	94.2	7.58	1.24	11.4
B00393313	4.68	<1	45	10	694	8.36	0.49	12.5
B00393314	1.88	<1	14	39	275	1.72	0.86	21.3
B00393315	4.86	<1	30	32	186	8.27	0.67	15.8
B00393316	7.19	<1	25	35	40.2	8.08	0.19	10.4
B00393317	5.20	<1	35	18	110	7.86	0.04	13.6
B00393318	3.79	<1	24	42	1218	10.0	0.87	3.4
B00393319	0.24	<1	1	56	3.6	0.97	0.05	2.6
B00393320	0.31	<1	1	94	11.8	0.94	0.05	2.9
B00393321	5.86	<1	37	27	250	9.65	0.84	15.7
B00393322	3.45	<1	4	87	19.4	2.88	0.01	11.2
B00393323	0.20	<1	42	69	682	2.56	<0.01	<0.5
B00393324	3.62	<1	31	15	248	7.75	2.41	18.5
B00393325	2.34	<1	2	37	16.5	2.25	2.85	96.7
B00393326	11.3	<1	15	56	89.1	5.61	0.04	8.0
B00393332	0.71	<1	4	56	50.8	1.41	0.06	2.3
B00393333	2.65	<1	224	21	>10000	>15.0	0.10	3.5
B00393334	3.15	<1	37	11	581	7.51	1.13	3.6
B00393531	>15.0	<1	48	306	224	6.44	1.31	37.9
B00393532	0.04	<1	<1	42	42.1	1.09	0.02	<0.5
B00393533	9.82	<1	29	10	36.1	8.15	0.11	13.0
B00393534	0.60	<1	35	34	780	>15.0	<0.01	<0.5
B00393535	0.18	<1	4	131	21.0	1.87	0.38	4.1
B00393537	0.32	<1	3	120	23.6	1.40	0.18	0.9
B00393538	3.57	<1	3	53	124	12.8	0.21	4.9
B00393540	10.1	<1	7	18	75.1	1.83	1.61	8.9
B00393542	8.28	<1	56	993	283	7.03	0.86	6.2
B00393543	9.36	<1	63	1245	118	6.47	0.65	5.1
B00393544	6.58	<1	36	254	126	7.65	0.15	4.9
B00393545	5.86	<1	41	135	141	7.28	0.01	5.2
B00393546	4.73	<1	57	1412	66.3	6.57	0.12	1.9
B00393547	6.07	<1	45	224	81.8	7.61	0.02	10.0
B00393548	6.40	<1	32	197	6.2	5.24	2.57	12.0
*Dup B00393548	6.67	<1	31	181	4.7	5.20	2.57	12.1
B00393549	1.48	<1	18	74	108	5.97	2.32	17.8
B00393550	2.44	<1	25	5	97.1	4.86	1.47	9.3
B00393551	8.72	<1	23	86	2.2	5.77	1.79	10.1
B00393552	5.56	<1	25	229	39.5	5.05	1.90	7.7

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393553	1.28	<1	5	61	5.7	2.60	0.03	2.5
B00393554	6.24	<1	28	20	64.3	7.08	2.02	7.3
B00393556	0.08	<1	1	59	36.8	1.74	0.20	<0.5
B00393557	0.43	<1	1	50	48.4	2.44	0.21	1.1
B00393558	0.11	<1	12	131	70.8	3.19	0.20	1.0
B00393560	4.76	<1	29	13	126	8.12	1.73	5.9
B00393561	6.48	<1	50	682	131	6.01	0.43	2.5
B00393562	5.61	<1	25	19	7.9	7.70	0.47	14.1
B00393564	7.15	<1	36	56	124	7.95	0.42	7.8
B00393565	0.88	<1	14	40	257	5.74	5.56	42.2
B00393566	0.06	<1	108	49	385	6.93	<0.01	<0.5
B00393567	1.95	<1	5	17	28.9	3.06	2.86	12.9
B00393568	6.71	<1	16	7	12.5	6.09	3.92	86.1
B00393570	6.47	<1	30	108	121	6.63	0.94	12.2
B00393571	6.35	<1	47	100	39.8	13.4	1.86	11.7
B00393572	3.56	<1	20	18	43.1	6.92	1.90	16.2
B00393573	8.67	<1	45	654	16.3	6.04	0.03	3.0
B00393576	4.54	<1	148	52	2262	10.9	0.67	12.9
B00393577	9.81	1	21	38	179	5.61	0.83	9.5
B00393580	1.72	<1	6	29	7.5	1.69	1.28	8.4
B00393581	4.37	<1	16	19	101	5.81	0.88	12.1
B00393582	0.38	<1	2	44	5.8	1.79	0.01	1.0
B00393583	3.30	<1	29	14	185	7.69	2.15	13.5
B00393584	4.74	<1	32	40	1.7	7.72	0.73	9.4
B00393586	2.93	<1	15	26	142	6.66	0.75	9.0
B00393587	6.09	<1	14	154	4.3	3.22	0.31	3.9
B00393588	6.50	<1	13	185	7.6	2.88	<0.01	1.3
B00393591	7.92	<1	42	390	136	8.70	1.25	15.6
B00393592	10.3	<1	6	84	124	12.7	0.05	9.1
B00393593	6.19	<1	29	271	73.8	5.64	0.57	5.5
B00393594	7.19	<1	61	940	65.9	7.73	0.27	4.2
B00393595	2.89	<1	1	42	9.5	0.86	<0.01	<0.5
B00393597	8.19	<1	9	34	13.0	13.4	0.03	25.8
B00393598	>15.0	<1	1	18	10.2	1.76	0.63	5.6
B00393599	2.90	<1	17	120	142	4.89	0.38	76.6
B00393600	1.42	129	227	22	>10000	14.1	0.96	11.8

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393546	4.99	<1	60	1167	69.2	6.93	0.12	2.0
*Rep B00393558	0.11	<1	12	97	75.0	3.15	0.20	1.0
*Std OREAS-602	0.65	27	9	26	5103	2.19	0.71	16.6
*Std RTS-3A	2.01	8	112	146	2308	>15.0	0.47	7.8
*Std OREAS-602	0.63	26	9	26	5116	2.10	0.69	16.8
*Blk BLANK	<0.01	<1	<1	<1	0.8	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393307	8	2.05	981	<1	3.48	5	0.11	<2
B00393311	34	2.71	894	18	2.06	11	0.16	<2
B00393312	17	2.53	861	<1	2.44	8	0.10	<2
B00393313	12	1.93	1244	<1	2.81	5	0.11	<2
B00393314	5	0.21	193	3	2.75	9	0.01	3
B00393315	6	1.52	804	<1	2.98	14	0.12	<2
B00393316	3	2.73	1317	2	2.40	9	0.09	<2
B00393317	6	2.29	1060	1	2.58	13	0.10	<2
B00393318	19	2.93	1316	1	0.86	9	0.04	4
B00393319	<1	0.03	120	7	0.02	4	<0.01	<2
B00393320	<1	0.04	122	6	0.02	3	<0.01	<2
B00393321	12	1.98	1095	<1	2.56	16	0.09	<2
B00393322	2	0.34	334	6	0.80	4	0.08	<2
B00393323	1	0.25	152	6	0.20	36	<0.01	2
B00393324	24	1.65	627	<1	2.74	8	0.13	<2
B00393325	2	0.58	861	14	2.85	4	0.12	32
B00393326	11	1.47	1605	1	1.03	23	0.05	<2
B00393332	1	0.20	149	8	0.31	5	<0.01	2
B00393333	10	2.19	416	213	0.30	42	0.10	25
B00393334	29	3.57	579	7	2.57	8	0.02	<2
B00393531	4	1.98	1218	<1	0.03	244	0.18	12
B00393532	<1	0.04	108	6	0.05	4	<0.01	10
B00393533	35	1.44	1735	<1	1.64	14	0.18	<2
B00393534	4	0.68	120	65	0.02	577	0.01	20
B00393535	10	0.24	165	7	0.25	14	<0.01	16
B00393537	2	0.08	370	7	0.02	9	<0.01	103
B00393538	<1	1.90	923	1	0.03	13	0.10	7
B00393540	44	0.57	558	2	0.57	10	0.04	10
B00393542	51	5.89	1157	<1	0.20	603	0.04	<2
B00393543	30	5.85	1047	<1	0.05	765	0.04	<2
B00393544	23	3.81	1217	<1	2.00	82	0.05	2
B00393545	25	3.79	1281	<1	2.09	72	0.04	<2
B00393546	32	8.09	1048	<1	0.70	695	0.02	<2
B00393547	15	3.40	1080	1	1.34	118	0.06	<2
B00393548	4	2.29	1265	<1	1.31	60	0.06	4
*Dup B00393548	4	2.31	1251	<1	1.27	58	0.06	2
B00393549	14	0.69	1393	<1	1.87	29	0.07	3
B00393550	20	2.60	376	<1	3.30	5	0.07	2
B00393551	6	2.86	1745	<1	1.69	33	0.06	<2
B00393552	9	2.55	1137	<1	1.70	75	0.04	2

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393553	5	0.75	349	6	0.55	6	0.01	4
B00393554	4	1.38	1391	<1	2.11	11	0.12	<2
B00393556	<1	0.11	127	45	0.02	6	<0.01	<2
B00393557	1	0.15	157	4	0.04	5	0.01	3
B00393558	2	0.14	142	7	0.13	27	0.01	3
B00393560	17	1.72	1231	<1	1.79	6	0.10	<2
B00393561	52	8.26	1023	<1	0.11	263	0.04	3
B00393562	17	2.29	1360	<1	1.16	5	0.07	2
B00393564	8	1.91	1467	<1	1.93	19	0.13	<2
B00393565	21	1.70	361	<1	1.53	28	0.04	11
B00393566	<1	0.55	238	8	0.02	43	<0.01	8
B00393567	10	0.55	529	2	1.61	2	0.05	8
B00393568	155	6.52	1062	<1	1.19	8	0.60	<2
B00393570	14	3.11	1370	<1	1.08	85	0.06	6
B00393571	10	4.25	1059	<1	0.14	155	0.08	5
B00393572	22	2.08	1262	<1	1.52	7	0.07	9
B00393573	17	8.40	1462	1	0.01	517	0.02	3
B00393576	13	2.45	1167	7	2.37	58	0.10	5
B00393577	13	1.59	1245	<1	2.40	19	0.06	<2
B00393580	8	0.56	282	<1	2.63	23	0.02	6
B00393581	17	2.25	1039	1	1.94	7	0.04	<2
B00393582	5	0.74	282	6	0.02	15	<0.01	<2
B00393583	17	1.40	662	2	1.60	13	0.06	3
B00393584	16	2.24	1205	2	1.46	17	0.05	<2
B00393586	16	1.81	771	2	2.45	10	0.05	<2
B00393587	11	3.22	880	4	0.43	98	0.02	<2
B00393588	4	4.05	673	3	0.04	110	<0.01	<2
B00393591	18	4.43	1421	1	0.05	208	0.13	3
B00393592	11	1.74	1465	<1	<0.01	24	0.10	9
B00393593	7	1.86	1057	5	0.04	231	0.14	3
B00393594	37	7.19	1098	<1	0.15	606	0.04	<2
B00393595	<1	0.10	544	6	0.08	5	0.01	<2
B00393597	11	2.93	5992	4	<0.01	5	0.12	15
B00393598	8	10.5	710	<1	0.02	5	<0.01	3
B00393599	7	1.10	1119	5	0.19	46	0.16	6
B00393600	10	1.22	587	15	0.46	16	0.05	5810

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00393546	34	8.60	1107	<1	0.74	711	0.02	3
*Rep B00393558	2	0.15	142	7	0.13	27	0.01	3
*Std OREAS-602	21	0.20	236	5	0.44	60	0.05	994
*Std RTS-3A	15	2.31	1373	<1	0.66	54	0.04	204
*Std OREAS-602	20	0.19	219	4	0.43	59	0.05	1056
*Blk BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	3

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393307	1.17	<5	23.6	<10	364	0.79	236	<10
B00393311	0.20	<5	39.2	<10	264	1.09	290	<10
B00393312	0.87	5	24.7	<10	351	0.79	242	<10
B00393313	1.54	<5	22.9	<10	326	0.81	246	<10
B00393314	0.51	<5	3.1	<10	145	0.11	16	<10
B00393315	1.41	<5	28.3	<10	343	0.88	251	<10
B00393316	>5.00	<5	23.3	<10	406	0.70	225	<10
B00393317	2.58	9	25.8	<10	343	0.79	229	<10
B00393318	0.38	<5	17.4	<10	103	0.47	187	<10
B00393319	0.02	<5	<0.5	<10	7.2	<0.01	4	<10
B00393320	0.01	<5	<0.5	<10	8.3	<0.01	3	<10
B00393321	0.84	6	28.2	<10	367	0.79	268	<10
B00393322	0.03	<5	14.7	<10	213	0.52	111	<10
B00393323	0.94	<5	1.1	<10	18.1	0.03	12	<10
B00393324	0.61	6	28.0	<10	306	0.95	218	<10
B00393325	0.12	<5	2.1	<10	201	0.07	22	<10
B00393326	0.05	<5	19.9	<10	164	0.60	216	<10
B00393332	0.08	<5	1.2	<10	53.3	0.03	19	<10
B00393333	>5.00	<5	30.9	12	35.9	0.15	341	<10
B00393334	1.29	<5	12.7	<10	252	0.21	383	<10
B00393531	0.09	<5	18.2	<10	275	0.16	179	<10
B00393532	0.02	<5	<0.5	<10	5.0	0.01	6	<10
B00393533	0.10	<5	22.5	<10	932	1.20	221	<10
B00393534	>5.00	6	5.1	<10	7.6	0.07	245	<10
B00393535	0.10	<5	2.0	<10	27.0	0.02	11	<10
B00393537	0.09	<5	<0.5	<10	30.6	0.02	4	<10
B00393538	3.66	<5	1.4	<10	21.2	0.05	32	<10
B00393540	0.59	<5	6.6	<10	238	0.16	61	<10
B00393542	0.20	11	29.4	<10	131	0.13	192	<10
B00393543	0.30	9	25.7	<10	167	0.10	161	<10
B00393544	0.24	<5	32.7	<10	203	0.29	230	<10
B00393545	0.31	<5	41.1	<10	55.0	0.60	278	<10
B00393546	0.02	6	23.4	<10	88.4	0.05	161	<10
B00393547	0.18	<5	30.4	<10	462	0.90	265	<10
B00393548	0.63	<5	32.6	<10	330	0.19	216	<10
*Dup B00393548	0.61	<5	33.0	<10	344	0.18	213	<10
B00393549	0.17	<5	24.1	<10	74.2	0.34	177	<10
B00393550	4.15	<5	10.8	<10	139	0.24	120	<10
B00393551	0.05	<5	23.9	<10	504	0.27	187	<10
B00393552	0.08	7	26.7	<10	180	0.21	207	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393553	0.02	<5	6.0	<10	30.8	0.05	66	<10
B00393554	0.81	5	25.5	<10	193	0.44	231	<10
B00393556	0.10	<5	1.9	<10	2.7	0.03	40	<10
B00393557	0.13	<5	2.7	<10	12.4	0.06	55	<10
B00393558	0.50	<5	2.8	<10	4.4	0.04	38	<10
B00393560	0.85	5	28.4	<10	170	0.64	282	<10
B00393561	0.16	14	28.8	<10	295	0.14	169	<10
B00393562	0.03	<5	36.3	<10	234	0.66	306	<10
B00393564	0.65	5	38.1	<10	384	1.07	358	<10
B00393565	0.48	<5	8.7	<10	70.3	0.26	47	<10
B00393566	4.99	<5	2.7	<10	4.7	0.03	48	<10
B00393567	0.14	<5	7.9	<10	175	0.23	41	16
B00393568	0.32	<5	3.4	<10	564	0.30	166	<10
B00393570	0.35	<5	25.2	<10	116	0.19	214	<10
B00393571	0.06	<5	16.3	<10	123	0.07	193	<10
B00393572	0.10	<5	26.5	<10	275	0.52	208	<10
B00393573	0.08	<5	19.8	<10	285	0.03	137	<10
B00393576	3.56	<5	30.5	<10	352	0.80	278	<10
B00393577	0.20	5	17.9	<10	323	0.34	150	<10
B00393580	<0.01	<5	5.7	<10	353	0.13	38	<10
B00393581	0.91	<5	25.0	<10	215	0.42	210	<10
B00393582	0.02	<5	2.5	<10	16.8	<0.01	36	<10
B00393583	>5.00	<5	19.6	<10	151	0.13	162	<10
B00393584	3.93	5	19.0	<10	254	0.27	193	<10
B00393586	1.13	<5	22.2	<10	210	0.56	192	<10
B00393587	0.03	<5	9.5	<10	133	0.05	48	<10
B00393588	0.05	<5	5.3	<10	249	0.01	44	<10
B00393591	0.28	<5	25.2	<10	201	0.15	251	<10
B00393592	3.03	<5	5.9	<10	126	0.06	71	<10
B00393593	0.49	<5	8.3	<10	99.9	0.08	104	<10
B00393594	0.21	5	15.5	<10	182	0.19	147	<10
B00393595	0.02	<5	0.9	<10	32.9	<0.01	5	<10
B00393597	1.52	<5	9.1	<10	255	0.36	29	<10
B00393598	0.11	<5	0.8	<10	127	0.02	8	<10
B00393599	0.02	<5	18.9	<10	214	0.32	86	<10
B00393600	>5.00	66	6.9	<10	33.6	0.09	36	21

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00393546	0.02	6	23.5	<10	92.8	0.05	170	<10
*Rep B00393558	0.50	<5	2.8	<10	4.7	0.04	43	<10
*Std OREAS-602	2.05	84	3.9	<10	458	0.19	34	19
*Std RTS-3A	>5.00	7	13.7	37	43.9	0.29	112	16
*Std OREAS-602	2.08	82	4.0	<10	447	0.19	33	19
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
B00393307	21.4	47	65.5	0.07	N.A.	N.A.
B00393311	25.0	91	98.4	0.21	N.A.	N.A.
B00393312	17.5	48	67.1	0.13	N.A.	N.A.
B00393313	20.3	50	86.0	0.34	N.A.	N.A.
B00393314	12.1	10	115	0.06	N.A.	N.A.
B00393315	23.6	32	55.1	0.23	N.A.	N.A.
B00393316	18.8	47	86.0	0.81	N.A.	N.A.
B00393317	21.4	88	99.7	0.63	N.A.	N.A.
B00393318	8.2	68	73.8	0.94	N.A.	N.A.
B00393319	0.8	2	1.3	<0.05	N.A.	N.A.
B00393320	0.8	2	2.0	<0.05	N.A.	N.A.
B00393321	17.2	64	60.7	0.22	N.A.	N.A.
B00393322	14.0	11	39.7	<0.05	N.A.	N.A.
B00393323	0.5	22	3.5	0.07	N.A.	N.A.
B00393324	24.8	53	60.0	0.24	N.A.	N.A.
B00393325	40.5	71	108	<0.05	N.A.	N.A.
B00393326	9.4	69	51.8	<0.05	N.A.	N.A.
B00393332	1.3	7	3.7	<0.05	N.A.	N.A.
B00393333	9.5	63	20.7	3.05	41610	N.A.
B00393334	2.9	57	130	0.17	N.A.	N.A.
B00393531	13.8	77	127	0.15	N.A.	N.A.
B00393532	<0.5	3	2.1	<0.05	N.A.	N.A.
B00393533	14.8	91	28.2	<0.05	N.A.	N.A.
B00393534	8.9	74	21.8	0.42	N.A.	N.A.
B00393535	1.8	20	24.7	<0.05	N.A.	N.A.
B00393537	1.0	9	2.2	0.27	N.A.	N.A.
B00393538	12.3	28	16.0	0.17	N.A.	N.A.
B00393540	6.6	37	45.0	1.86	N.A.	N.A.
B00393542	8.8	65	53.8	0.19	N.A.	N.A.
B00393543	7.2	55	46.6	<0.05	N.A.	N.A.
B00393544	8.0	83	55.3	<0.05	N.A.	N.A.
B00393545	18.4	86	50.1	<0.05	N.A.	N.A.
B00393546	6.0	71	34.4	<0.05	N.A.	N.A.
B00393547	12.4	79	55.7	<0.05	N.A.	N.A.
B00393548	11.4	21	77.0	<0.05	N.A.	N.A.
*Dup B00393548	11.3	20	76.3	<0.05	N.A.	N.A.
B00393549	12.2	40	82.3	<0.05	N.A.	N.A.
B00393550	12.0	35	67.0	0.60	N.A.	N.A.
B00393551	15.3	27	27.9	<0.05	N.A.	N.A.
B00393552	8.0	72	41.0	<0.05	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
B00393553	2.5	32	6.5	<0.05	N.A.	N.A.
B00393554	10.3	48	38.1	<0.05	N.A.	N.A.
B00393556	0.5	11	7.2	0.06	N.A.	N.A.
B00393557	2.8	37	15.4	0.21	N.A.	N.A.
B00393558	1.3	30	10.5	0.12	N.A.	N.A.
B00393560	10.5	76	37.7	0.06	N.A.	N.A.
B00393561	4.3	67	7.8	<0.05	N.A.	N.A.
B00393562	16.4	96	64.0	<0.05	N.A.	N.A.
B00393564	19.1	97	26.1	<0.05	N.A.	N.A.
B00393565	6.6	85	149	<0.05	N.A.	N.A.
B00393566	0.5	32	7.7	0.60	N.A.	N.A.
B00393567	6.3	39	85.6	0.78	N.A.	N.A.
B00393568	27.7	212	348	<0.05	N.A.	N.A.
B00393570	14.1	81	89.7	<0.05	N.A.	N.A.
B00393571	10.8	139	125	0.25	N.A.	N.A.
B00393572	17.7	95	69.9	0.11	N.A.	N.A.
B00393573	8.1	82	39.2	<0.05	N.A.	N.A.
B00393576	21.4	89	76.7	0.74	N.A.	N.A.
B00393577	13.8	39	51.8	<0.05	N.A.	N.A.
B00393580	5.4	22	35.0	<0.05	N.A.	N.A.
B00393581	17.4	48	52.7	0.06	N.A.	N.A.
B00393582	0.7	40	1.3	<0.05	N.A.	N.A.
B00393583	8.4	20	52.7	0.26	N.A.	N.A.
B00393584	13.2	37	33.1	0.09	N.A.	N.A.
B00393586	12.7	48	73.8	0.37	N.A.	N.A.
B00393587	6.0	38	14.4	<0.05	N.A.	N.A.
B00393588	3.9	16	9.4	<0.05	N.A.	N.A.
B00393591	11.9	70	95.2	<0.05	N.A.	N.A.
B00393592	9.5	29	55.8	0.29	N.A.	N.A.
B00393593	7.7	37	36.9	0.05	N.A.	N.A.
B00393594	5.4	69	55.5	<0.05	N.A.	N.A.
B00393595	1.3	5	1.2	<0.05	N.A.	N.A.
B00393597	25.5	120	161	<0.05	N.A.	N.A.
B00393598	6.6	10	19.2	<0.05	N.A.	N.A.
B00393599	28.4	64	27.7	<0.05	N.A.	N.A.
B00393600	10.5	>10000	103	0.96	30644	21378

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Element	@Y	@Zn	@Zr	@Te	Cu	Zn
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
Det.Lim.	0.5	1	0.5	0.05	10	10
Units	ppm	ppm	ppm	ppm	ppm	ppm
*Rep B00393546	6.1	75	35.0	<0.05		
*Rep B00393558	1.3	31	10.3	0.10		
*Std OREAS-602	5.6	4170	79.7	37.77		
*Std RTS-3A	10.7	2670	63.6	1.91		
*Std OREAS-602	5.5	4223	79.5	37.61		
*Bik BLANK	<0.5	<1	<0.5	<0.05		
*Std MP-1B					29717	>50000
*Bik BLANK					<10	<10

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Certificate of Analysis
Work Order : VD1900473
[Report File No.: 000021729]

Date: September 13, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 75
Received: Aug 6, 2019
Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

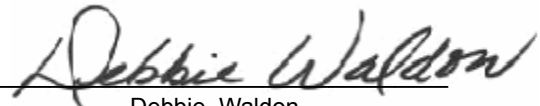
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
72	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.
 Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393601	0.908	<0.005	<2	0.71	<3	61	2.2	<5
B00393602	0.729	<0.005	<2	8.77	<3	45	0.8	7
B00393603	1.329	<0.005	<2	6.84	<3	2206	<0.5	<5
B00393604	1.066	<0.005	<2	0.85	40	82	<0.5	<5
B00393605	1.727	<0.005	<2	8.67	<3	393	1.1	6
B00393606	0.745	0.042	<2	0.14	<3	5	<0.5	<5
B00393607	1.888	<0.005	<2	5.08	<3	920	1.1	6
B00393609	0.355	0.012	<2	8.77	27	42	0.6	<5
B00393610	0.949	<0.005	<2	8.05	32	75	<0.5	<5
B00393611	1.036	<0.005	<2	0.48	<3	8	<0.5	<5
B00393612	0.809	0.020	<2	2.26	<3	11	<0.5	<5
B00393811	1.465	<0.005	<2	2.03	269	28	<0.5	<5
B00393812	0.864	0.119	<2	3.64	59	16	<0.5	<5
B00393813	1.502	<0.005	<2	8.54	<3	380	1.0	<5
B00393814	1.714	0.018	<2	8.91	<3	405	0.6	<5
B00393815	1.108	0.006	<2	6.18	11	24	<0.5	<5
B00393816	1.221	0.011	<2	1.28	11	61	0.6	<5
B00393817	0.869	4.261	6	5.57	2275	212	0.7	<5
B00393818	1.456	4.483	<2	1.67	2277	189	<0.5	<5
B00393819	0.860	0.662	<2	0.15	4995	9	<0.5	<5
B00393820	1.216	0.451	<2	0.05	3528	3	<0.5	<5
B00393821	1.087	0.066	<2	0.03	11	3	<0.5	<5
B00393822	0.986	0.014	<2	0.10	7	2	<0.5	<5
B00393823	1.448	0.014	<2	0.21	55	9	<0.5	<5
B00393825	0.682	0.360	<2	0.90	72	88	<0.5	<5
B00393826	1.167	<0.005	<2	0.28	6	8	<0.5	<5
B00393827	1.735	<0.005	<2	0.10	11	4	<0.5	<5
B00393828	1.755	<0.005	<2	0.78	<3	87	<0.5	<5
B00393829	0.855	<0.005	<2	0.80	<3	101	<0.5	<5
B00393027	0.860	0.005	<2	5.75	121	102	0.6	<5
B00393028	0.926	0.010	<2	9.07	13	18	0.6	6
B00393029	1.013	<0.005	<2	2.10	31	122	<0.5	<5
B00393032	1.227	<0.005	<2	0.39	<3	4	<0.5	<5
B00393033	1.275	<0.005	<2	7.49	<3	35	0.5	<5
B00393034	1.319	0.063	<2	2.33	<3	83	0.9	<5
*Dup B00393034	N.A.	0.084	<2	2.32	<3	103	0.8	<5
B00393035	1.022	0.043	<2	1.69	89	285	0.7	<5
B00393036	0.986	0.235	<2	0.25	13	14	<0.5	<5
B00393037	1.219	0.005	<2	1.86	6	154	0.6	<5
B00393038	1.337	0.244	<2	0.06	574	7	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393039	1.963	0.271	<2	0.12	628	6	<0.5	<5
B00393040	0.065	1.116	<2	6.09	<3	65	0.7	8
B00393041	0.852	0.113	<2	0.12	439	5	<0.5	<5
B00393042	0.700	0.092	<2	0.93	4	52	0.5	<5
B00393043	0.686	0.115	<2	3.76	182	39	0.6	<5
B00393045	0.961	0.908	<2	3.94	101	57	0.6	<5
B00393047	0.761	0.070	<2	0.62	39	16	<0.5	<5
B00393049	0.791	0.009	<2	0.11	10	7	<0.5	<5
B00393050	0.858	0.027	<2	0.11	185	4	<0.5	<5
B00393051	1.028	<0.005	<2	0.03	<3	3	<0.5	<5
B00393052	0.668	<0.005	<2	0.08	7	9	<0.5	<5
B00393053	0.755	<0.005	<2	1.53	31	80	<0.5	6
B00393055	1.553	0.012	<2	7.35	7	272	0.6	<5
B00393335	0.916	<0.005	<2	7.27	153	397	0.6	<5
B00393336	0.613	<0.005	<2	2.54	30	110	<0.5	<5
B00393337	1.064	<0.005	<2	5.53	24	340	0.7	<5
B00393338	0.973	<0.005	<2	3.84	11	182	<0.5	<5
B00393340	0.183	0.007	<2	6.09	<3	364	1.2	<5
B00393341	1.017	<0.005	<2	0.31	<3	14	<0.5	<5
B00393342	1.201	<0.005	<2	4.65	6	109	0.8	<5
B00393345	0.835	<0.005	<2	6.85	<3	345	1.0	<5
B00393346	0.811	<0.005	<2	0.24	<3	5	<0.5	<5
B00393347	0.873	<0.005	<2	9.29	8	128	1.1	<5
B00393348	1.073	<0.005	<2	6.46	6	102	0.9	<5
B00393349	1.156	<0.005	<2	7.53	<3	125	0.8	<5
B00393350	0.926	<0.005	<2	0.04	29	218	<0.5	<5
B00393351	0.926	<0.005	<2	0.05	<3	5	<0.5	<5
B00393352	1.239	<0.005	<2	6.72	12	336	0.8	<5
B00393353	0.883	<0.005	<2	7.91	4	105	1.2	<5
B00393354	0.581	<0.005	<2	0.70	<3	17	<0.5	<5
B00393355	0.488	<0.005	<2	0.09	<3	8	<0.5	<5
B00393357	0.974	<0.005	<2	0.39	<3	47	<0.5	<5
B00393360	0.065	1.045	2	2.96	638	66	0.6	<5
B00393361	0.846	<0.005	<2	1.41	3	155	<0.5	<5
B00393363	0.638	<0.005	<2	0.09	6	9	<0.5	<5
B00393364	1.104	0.007	<2	7.42	54	324	0.8	<5
*Rep B00393828		<0.005						
*Rep B00393049		0.008						
*Std OREAS-217		0.334						
*Std OREAS-221		1.051						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-222	1.211						
*Rep B00393610		<2	8.05	33	77	<0.5	<5
*Rep B00393042		<2	0.95	4	54	0.5	<5
*Std OREAS-602		>100	4.04	625	123	0.9	54
*Std RTS-3A		11	4.93	12	104	0.5	36
*Std OREAS-602		>100	4.45	681	114	0.9	56
*Std RTS-3A		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK		<2	0.01	<3	<1	<0.5	<5
*Bik BLANK	<0.005						
*Std OREAS-217	0.328						
*Bik BLANK	<0.005						
*Std OXB130	0.124						
*Rep B00393825	0.263						

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393601	1.75	<1	4	16	22.7	1.13	0.24	3.2
B00393602	3.32	<1	26	4	33.9	8.63	0.05	13.2
B00393603	0.94	<1	<1	5	2.5	0.83	3.16	2.9
B00393604	>15.0	1	38	9	4.6	4.07	0.58	7.5
B00393605	5.06	<1	35	41	158	8.51	1.88	7.4
B00393606	0.17	<1	2	10	158	1.21	<0.01	<0.5
B00393607	2.68	<1	18	11	174	5.29	2.10	14.2
B00393609	3.84	<1	27	11	152	6.11	0.14	8.3
B00393610	7.23	<1	33	410	71.7	3.77	0.35	1.1
B00393611	1.97	<1	2	13	32.5	1.03	0.02	<0.5
B00393612	2.17	<1	6	22	21.4	2.16	<0.01	1.8
B00393811	6.86	2	19	247	19.1	3.63	0.06	2.4
B00393812	3.14	<1	41	109	535	11.5	0.04	3.6
B00393813	3.83	<1	15	21	128	5.43	1.44	6.4
B00393814	0.64	<1	6	3	837	5.21	0.75	10.2
B00393815	9.19	<1	29	17	294	6.52	0.04	3.0
B00393816	8.55	<1	6	23	55.2	5.31	0.67	5.9
B00393817	0.08	9	4	17	60.2	2.64	2.53	5.1
B00393818	0.40	9	3	92	33.1	1.60	0.94	<0.5
B00393819	0.02	10	18	24	22.3	2.26	0.08	<0.5
B00393820	0.05	8	11	24	13.9	1.59	0.02	<0.5
B00393821	0.02	<1	<1	32	18.1	1.79	<0.01	<0.5
B00393822	0.86	<1	1	21	14.0	0.98	0.01	<0.5
B00393823	0.87	<1	3	26	33.8	3.03	0.04	<0.5
B00393825	0.53	<1	13	67	320	13.7	0.13	8.9
B00393826	0.16	<1	5	19	21.0	1.63	0.01	0.7
B00393827	1.87	<1	3	43	21.7	2.60	0.05	0.8
B00393828	0.10	<1	6	37	32.4	3.45	0.45	<0.5
B00393829	0.05	<1	<1	28	6.9	0.99	0.47	1.5
B00393027	0.33	<1	41	256	41.3	13.3	1.57	1.8
B00393028	4.83	<1	37	211	133	9.62	0.01	3.1
B00393029	3.43	<1	18	19	7.6	4.94	0.96	1.0
B00393032	0.08	<1	1	15	4.7	0.91	<0.01	<0.5
B00393033	4.85	<1	33	164	127	7.15	0.13	2.9
B00393034	4.11	3	58	82	514	>15.0	0.53	19.3
*Dup B00393034	4.13	3	60	87	554	>15.0	0.52	19.4
B00393035	0.37	<1	18	39	120	12.7	0.79	16.4
B00393036	4.41	<1	2	20	23.9	9.49	0.04	0.7
B00393037	3.89	<1	11	91	116	13.1	0.38	8.2
B00393038	3.63	2	3	20	15.9	3.68	0.02	<0.5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393039	0.25	14	2	28	26.3	2.01	0.06	<0.5
B00393040	3.40	<1	15	29	4734	>15.0	2.66	6.7
B00393041	0.55	10	2	29	29.4	3.84	0.06	<0.5
B00393042	1.19	<1	4	35	79.9	5.00	0.34	2.3
B00393043	0.03	<1	9	42	45.0	10.3	0.53	20.3
B00393045	0.07	<1	18	93	107	11.2	0.92	8.6
B00393047	0.05	<1	2	26	16.7	3.42	0.12	2.9
B00393049	0.50	<1	2	18	11.0	1.75	0.03	3.2
B00393050	0.29	<1	6	46	25.6	1.91	0.06	0.7
B00393051	1.54	<1	4	43	36.8	2.00	<0.01	<0.5
B00393052	5.81	<1	<1	28	18.9	3.46	0.02	<0.5
B00393053	3.54	<1	25	78	433	>15.0	0.08	13.3
B00393055	1.27	<1	4	15	31.6	2.12	0.35	11.1
B00393335	7.14	<1	42	159	0.6	7.89	2.38	2.7
B00393336	2.48	<1	12	57	1.9	3.43	0.74	2.3
B00393337	3.46	<1	31	30	357	5.71	1.93	13.3
B00393338	1.13	<1	23	29	614	3.70	0.83	8.0
B00393340	1.67	<1	5	86	8.3	1.47	1.30	8.4
B00393341	0.36	<1	7	13	4.8	0.89	0.03	0.7
B00393342	0.99	<1	5	13	68.8	1.39	0.44	15.8
B00393345	1.63	<1	3	14	3.7	1.86	1.69	21.6
B00393346	0.09	<1	3	12	91.4	1.31	0.01	<0.5
B00393347	5.64	<1	24	31	2.8	7.34	0.24	13.0
B00393348	1.30	<1	7	15	49.9	2.87	0.61	8.3
B00393349	1.93	<1	12	21	<0.5	4.69	0.41	4.2
B00393350	0.15	<1	3	16	3.9	6.58	0.02	<0.5
B00393351	0.01	<1	1	13	8.2	0.79	<0.01	<0.5
B00393352	9.54	<1	21	32	72.5	8.03	1.82	13.3
B00393353	3.73	<1	9	19	71.9	3.85	0.15	22.9
B00393354	1.46	<1	8	31	3.2	2.68	0.07	<0.5
B00393355	0.09	<1	1	12	8.5	0.76	0.03	<0.5
B00393357	0.49	<1	3	26	11.9	1.42	0.25	<0.5
B00393360	3.12	<1	584	23	>10000	>15.0	2.63	112
B00393361	0.35	<1	3	13	44.4	1.03	0.52	3.6
B00393363	0.05	<1	2	31	6.1	1.06	0.04	<0.5
B00393364	5.55	<1	67	16	796	7.75	2.07	8.4

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393610	7.21	<1	34	478	73.4	3.74	0.35	1.2
*Rep B00393042	1.22	<1	4	24	81.4	5.16	0.34	2.3
*Std OREAS-602	0.60	26	9	26	4921	2.12	0.68	15.6
*Std RTS-3A	2.02	8	123	158	2354	>15.0	0.48	8.2
*Std OREAS-602	0.65	28	10	26	5304	2.31	0.73	17.2
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<0.01	<1	<1	<1	0.6	0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393601	2	0.14	473	<1	0.05	7	0.02	2
B00393602	11	2.51	1246	<1	4.13	<1	0.08	<2
B00393603	7	0.09	100	<1	3.02	1	<0.01	14
B00393604	7	9.21	2568	<1	0.02	21	0.04	20
B00393605	18	2.97	1104	<1	2.28	14	0.09	<2
B00393606	<1	0.02	218	2	0.04	4	<0.01	<2
B00393607	4	1.10	789	<1	1.09	5	0.10	<2
B00393609	13	1.83	821	<1	3.42	17	0.07	2
B00393610	23	3.27	656	<1	3.67	189	0.01	<2
B00393611	1	0.23	164	<1	0.23	6	<0.01	3
B00393612	7	0.97	357	<1	0.98	14	0.03	2
B00393811	6	4.52	968	<1	1.12	208	0.02	17
B00393812	11	2.20	795	7	0.03	116	0.14	10
B00393813	10	2.07	917	<1	3.14	13	0.06	<2
B00393814	6	1.19	251	<1	6.04	1	0.10	3
B00393815	5	1.29	992	<1	0.43	25	0.03	<2
B00393816	6	3.50	1708	<1	0.01	8	0.03	5
B00393817	3	0.29	56	<1	0.36	6	0.02	1424
B00393818	1	0.21	107	<1	0.02	20	<0.01	100
B00393819	<1	0.02	81	2	<0.01	11	<0.01	4
B00393820	<1	0.01	67	3	<0.01	7	<0.01	2
B00393821	<1	0.01	102	2	<0.01	3	<0.01	2
B00393822	<1	0.14	221	2	<0.01	3	<0.01	<2
B00393823	<1	0.34	397	2	<0.01	6	<0.01	2
B00393825	<1	0.94	558	6	0.62	85	0.05	57
B00393826	2	0.29	464	2	<0.01	20	<0.01	<2
B00393827	<1	0.76	599	7	<0.01	8	<0.01	7
B00393828	8	0.09	436	2	0.02	24	0.02	2
B00393829	5	0.08	111	12	0.01	4	0.02	<2
B00393027	13	2.41	665	5	0.03	323	0.05	6
B00393028	12	3.11	1210	<1	2.41	64	0.04	<2
B00393029	2	1.03	939	<1	0.08	13	0.02	<2
B00393032	<1	0.04	220	2	0.29	4	<0.01	16
B00393033	17	4.28	1216	<1	3.83	87	0.04	<2
B00393034	4	0.53	2484	7	0.03	87	0.05	37
*Dup B00393034	4	0.53	2459	8	0.03	92	0.05	40
B00393035	6	1.16	2056	<1	0.05	23	0.01	12
B00393036	1	1.05	943	<1	0.03	6	0.08	5
B00393037	4	2.58	1555	<1	0.34	35	0.05	7
B00393038	<1	1.54	939	2	<0.01	7	<0.01	9

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393039	<1	0.09	165	2	<0.01	5	0.02	16
B00393040	122	0.70	2963	150	0.72	11	0.44	10
B00393041	<1	0.19	331	2	<0.01	8	0.01	10
B00393042	3	0.42	3623	1	<0.01	6	0.04	5
B00393043	12	1.79	303	2	0.02	11	0.03	9
B00393045	16	2.39	213	3	0.02	21	0.04	42
B00393047	2	0.27	348	2	<0.01	6	0.02	3
B00393049	<1	0.20	199	2	<0.01	5	<0.01	3
B00393050	<1	0.10	191	3	<0.01	8	<0.01	3
B00393051	<1	0.49	563	2	<0.01	11	0.02	2
B00393052	<1	2.68	1126	1	0.01	6	<0.01	5
B00393053	2	4.10	9960	2	1.09	80	0.23	32
B00393055	3	0.47	296	<1	5.73	5	0.03	<2
B00393335	39	3.53	1353	<1	0.31	108	0.02	<2
B00393336	14	1.26	550	2	0.14	34	<0.01	<2
B00393337	18	1.28	741	3	0.33	18	0.07	<2
B00393338	7	0.57	375	4	1.26	17	0.03	8
B00393340	9	0.52	254	<1	2.76	21	0.02	7
B00393341	<1	0.03	123	2	0.15	3	<0.01	2
B00393342	2	0.09	164	3	2.81	4	<0.01	3
B00393345	8	0.43	249	2	2.09	2	0.02	3
B00393346	<1	0.01	120	2	0.14	4	<0.01	<2
B00393347	12	2.99	693	2	2.82	15	0.09	<2
B00393348	16	0.79	252	5	2.14	4	0.01	2
B00393349	9	1.50	140	4	3.60	7	0.04	<2
B00393350	<1	0.04	126	2	<0.01	50	<0.01	8
B00393351	<1	<0.01	76	2	0.02	4	<0.01	<2
B00393352	19	2.67	1847	<1	0.94	12	0.09	3
B00393353	6	1.03	384	2	3.01	7	0.04	2
B00393354	2	1.21	392	2	0.09	26	0.02	6
B00393355	<1	0.02	78	2	0.01	2	<0.01	<2
B00393357	2	0.26	167	3	0.05	12	<0.01	<2
B00393360	17	0.94	4214	295	0.25	56	0.09	36
B00393361	<1	0.05	168	2	0.28	4	<0.01	<2
B00393363	<1	<0.01	106	3	<0.01	7	<0.01	<2
B00393364	16	1.48	970	<1	1.51	25	0.06	5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00393610	23	3.30	660	<1	3.65	194	0.01	<2
*Rep B00393042	3	0.43	3785	1	<0.01	6	0.04	5
*Std OREAS-602	20	0.19	224	4	0.44	58	0.06	979
*Std RTS-3A	15	2.41	1441	<1	0.71	56	0.04	208
*Std OREAS-602	22	0.20	234	5	0.47	64	0.06	1041
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393601	0.05	<5	2.4	<10	16.3	0.09	16	<10
B00393602	1.05	<5	28.0	<10	202	0.76	165	<10
B00393603	0.02	<5	0.6	<10	314	0.03	4	<10
B00393604	0.17	<5	1.8	<10	380	0.03	12	<10
B00393605	2.58	<5	33.3	<10	149	0.81	336	<10
B00393606	0.01	<5	1.0	<10	4.4	<0.01	7	<10
B00393607	0.19	<5	19.7	<10	132	0.69	163	<10
B00393609	1.29	9	9.2	<10	278	0.42	93	<10
B00393610	0.02	<5	40.6	<10	111	0.28	219	<10
B00393611	0.03	<5	1.9	<10	12.4	0.02	13	<10
B00393612	0.05	<5	5.4	<10	47.8	0.09	56	<10
B00393811	0.07	<5	10.9	<10	304	0.01	45	<10
B00393812	>5.00	10	10.2	<10	148	0.16	123	<10
B00393813	0.46	<5	20.6	<10	185	0.53	182	<10
B00393814	1.57	<5	1.9	<10	326	0.23	20	<10
B00393815	0.73	8	25.8	<10	291	0.33	199	<10
B00393816	0.16	<5	7.7	<10	75.0	0.21	75	<10
B00393817	0.86	20	20.9	<10	24.7	0.13	144	13
B00393818	0.87	20	8.6	<10	7.8	0.03	48	12
B00393819	1.16	<5	0.7	<10	0.6	<0.01	16	<10
B00393820	0.65	<5	<0.5	<10	0.9	<0.01	6	<10
B00393821	0.20	<5	<0.5	<10	0.7	<0.01	8	<10
B00393822	0.02	<5	<0.5	<10	4.1	<0.01	6	<10
B00393823	0.91	<5	0.7	<10	10.6	<0.01	16	<10
B00393825	>5.00	<5	3.5	<10	18.1	0.03	79	<10
B00393826	0.03	<5	1.3	<10	3.9	<0.01	19	<10
B00393827	0.67	<5	<0.5	<10	16.3	<0.01	12	<10
B00393828	1.70	<5	0.6	<10	6.0	0.02	22	<10
B00393829	0.09	<5	<0.5	<10	3.9	0.02	13	<10
B00393027	>5.00	<5	24.3	<10	3.9	0.39	229	<10
B00393028	2.03	<5	37.9	<10	182	0.65	309	<10
B00393029	0.02	<5	14.9	<10	73.0	0.18	274	<10
B00393032	0.03	<5	<0.5	<10	25.5	0.04	5	<10
B00393033	1.26	<5	44.3	<10	152	0.48	268	<10
B00393034	>5.00	<5	9.4	<10	154	0.26	246	<10
*Dup B00393034	>5.00	<5	9.6	<10	158	0.26	251	<10
B00393035	1.17	<5	5.7	<10	19.5	0.05	84	<10
B00393036	0.74	<5	1.1	<10	62.2	0.01	17	<10
B00393037	2.13	<5	6.7	<10	98.1	0.05	74	<10
B00393038	1.61	6	<0.5	<10	19.5	<0.01	8	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393039	0.65	6	<0.5	<10	2.9	<0.01	11	<10
B00393040	0.62	<5	5.0	80	107	0.11	52	1622
B00393041	0.72	<5	<0.5	<10	4.3	<0.01	11	<10
B00393042	0.23	<5	4.4	<10	15.2	0.09	46	<10
B00393043	1.64	<5	14.4	<10	2.7	0.23	115	<10
B00393045	>5.00	6	20.6	<10	3.6	0.11	181	<10
B00393047	0.42	<5	2.9	<10	1.4	0.08	39	<10
B00393049	0.72	<5	<0.5	<10	5.9	<0.01	16	<10
B00393050	0.57	<5	<0.5	<10	4.0	<0.01	22	<10
B00393051	0.29	<5	<0.5	<10	27.1	<0.01	6	<10
B00393052	0.52	<5	<0.5	<10	70.8	<0.01	18	<10
B00393053	>5.00	<5	4.0	<10	166	0.06	133	<10
B00393055	0.10	<5	4.1	<10	130	0.07	29	<10
B00393335	0.02	<5	17.5	<10	145	0.12	135	<10
B00393336	<0.01	<5	5.4	<10	52.8	0.05	47	<10
B00393337	0.58	<5	18.7	<10	72.7	0.30	173	<10
B00393338	0.64	<5	6.7	<10	63.8	0.14	69	<10
B00393340	<0.01	<5	5.4	<10	362	0.14	38	<10
B00393341	<0.01	<5	0.6	<10	11.6	0.03	4	<10
B00393342	0.05	<5	2.2	<10	133	0.06	10	<10
B00393345	0.01	<5	3.3	<10	119	0.15	17	<10
B00393346	0.06	<5	<0.5	<10	12.0	<0.01	4	<10
B00393347	>5.00	<5	24.3	<10	391	0.71	226	<10
B00393348	0.07	<5	5.4	<10	137	0.09	23	<10
B00393349	3.65	<5	11.0	<10	208	0.27	107	<10
B00393350	>5.00	<5	<0.5	<10	18.5	<0.01	8	<10
B00393351	0.05	<5	<0.5	<10	1.0	<0.01	2	<10
B00393352	0.34	<5	24.6	<10	159	0.34	174	<10
B00393353	1.22	<5	10.7	<10	309	0.26	81	<10
B00393354	<0.01	<5	1.8	<10	6.4	0.03	24	<10
B00393355	<0.01	<5	<0.5	<10	3.8	<0.01	4	<10
B00393357	0.01	<5	1.6	<10	7.3	0.04	13	<10
B00393360	3.49	12	6.1	10	154	0.24	115	150
B00393361	0.05	<5	1.0	<10	16.8	0.03	11	<10
B00393363	0.02	<5	<0.5	<10	2.3	<0.01	4	<10
B00393364	1.76	<5	22.8	<10	157	0.39	225	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00393610	0.02	<5	42.0	<10	111	0.28	222	<10
*Rep B00393042	0.24	<5	4.6	<10	15.6	0.09	47	<10
*Std OREAS-602	2.11	80	3.9	<10	418	0.19	33	19
*Std RTS-3A	>5.00	7	14.5	40	43.2	0.28	115	17
*Std OREAS-602	2.18	85	4.1	<10	482	0.20	35	20
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GE_ICP90A 10 ppm
B00393601	3.2	15	26.1	<0.05	N.A.
B00393602	21.2	75	79.6	<0.05	N.A.
B00393603	1.5	17	24.6	0.11	N.A.
B00393604	8.6	1335	24.3	<0.05	N.A.
B00393605	15.1	63	61.1	0.18	N.A.
B00393606	0.6	8	0.8	<0.05	N.A.
B00393607	19.5	75	104	<0.05	N.A.
B00393609	12.8	74	57.1	0.05	N.A.
B00393610	11.4	76	19.1	<0.05	N.A.
B00393611	0.8	9	1.2	<0.05	N.A.
B00393612	3.2	19	14.9	0.07	N.A.
B00393811	5.3	61	22.5	<0.05	N.A.
B00393812	12.9	61	32.6	0.46	N.A.
B00393813	13.2	57	84.8	0.10	N.A.
B00393814	16.3	27	164	0.17	N.A.
B00393815	18.5	39	26.6	0.16	N.A.
B00393816	7.9	44	55.1	<0.05	N.A.
B00393817	4.0	895	68.4	0.08	N.A.
B00393818	1.0	863	8.6	<0.05	N.A.
B00393819	<0.5	2	6.0	0.15	N.A.
B00393820	<0.5	1	3.7	0.09	N.A.
B00393821	<0.5	3	1.2	0.05	N.A.
B00393822	0.9	9	7.4	<0.05	N.A.
B00393823	1.0	11	4.4	<0.05	N.A.
B00393825	6.6	38	29.1	0.69	N.A.
B00393826	0.7	12	2.7	0.05	N.A.
B00393827	1.4	142	4.0	0.05	N.A.
B00393828	2.4	38	10.1	0.08	N.A.
B00393829	1.1	8	18.4	<0.05	N.A.
B00393027	12.7	394	76.4	0.37	N.A.
B00393028	12.4	83	24.5	0.84	N.A.
B00393029	4.5	48	14.3	<0.05	N.A.
B00393032	1.0	7	1.7	<0.05	N.A.
B00393033	18.3	214	44.6	0.06	N.A.
B00393034	23.0	303	56.3	1.48	N.A.
*Dup B00393034	22.9	311	57.0	1.29	N.A.
B00393035	5.8	48	28.1	0.09	N.A.
B00393036	2.3	23	4.3	<0.05	N.A.
B00393037	8.7	38	66.5	0.14	N.A.
B00393038	1.3	175	3.1	0.11	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm
B00393039	<0.5	2159	3.1	0.85	N.A.
B00393040	6.9	308	39.8	0.25	N.A.
B00393041	0.6	1421	3.4	0.44	N.A.
B00393042	2.8	31	13.4	<0.05	N.A.
B00393043	8.0	81	126	0.14	N.A.
B00393045	6.2	205	73.6	0.12	N.A.
B00393047	1.9	26	24.3	<0.05	N.A.
B00393049	0.9	122	3.8	<0.05	N.A.
B00393050	0.7	72	17.3	0.05	N.A.
B00393051	1.1	9	0.9	<0.05	N.A.
B00393052	1.9	9	2.2	<0.05	N.A.
B00393053	12.1	115	55.4	0.12	N.A.
B00393055	4.6	20	98.6	<0.05	N.A.
B00393335	5.8	66	17.7	<0.05	N.A.
B00393336	2.6	28	18.4	<0.05	N.A.
B00393337	6.7	43	52.3	0.12	N.A.
B00393338	4.1	31	41.8	0.49	N.A.
B00393340	5.6	21	39.1	<0.05	N.A.
B00393341	0.7	4	1.7	<0.05	N.A.
B00393342	9.9	22	83.5	0.07	N.A.
B00393345	12.4	16	119	0.16	N.A.
B00393346	<0.5	2	3.5	<0.05	N.A.
B00393347	13.4	30	93.7	0.54	N.A.
B00393348	6.3	27	110	0.06	N.A.
B00393349	16.6	14	175	0.06	N.A.
B00393350	0.7	8	42.3	<0.05	N.A.
B00393351	<0.5	1	2.4	<0.05	N.A.
B00393352	12.0	73	88.2	<0.05	N.A.
B00393353	21.3	17	171	0.08	N.A.
B00393354	1.1	59	1.9	<0.05	N.A.
B00393355	<0.5	2	1.3	<0.05	N.A.
B00393357	1.0	7	1.4	<0.05	N.A.
B00393360	14.7	39	98.2	1.40	17339
B00393361	2.1	4	28.6	<0.05	N.A.
B00393363	<0.5	1	1.3	<0.05	N.A.
B00393364	8.1	27	41.6	0.27	N.A.

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Element Method	@Y	@Zn	@Zr	@Te	Cu
Det.Lim.	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
Units	0.5	1	0.5	0.05	10
	ppm	ppm	ppm	ppm	ppm
*Rep B00393610	11.6	76	19.0	<0.05	
*Rep B00393042	3.0	30	13.9	<0.05	
*Std OREAS-602	5.5	4075	80.1	39.63	
*Std RTS-3A	11.2	2677	69.9	2.17	
*Std OREAS-602	5.9	4417	84.8	39.31	
*Std RTS-3A	N.A.	N.A.	N.A.	1.63	
*Bik BLANK	<0.5	<1	<0.5	<0.05	
*Rep B00393360					16870
*Std MP-1B					30094
*Bik BLANK					<10

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Certificate of Analysis
Work Order : VD1900474
[Report File No.: 0000021666]

Date: September 06, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: QK-19-GRAB-01
Project No.: -
Samples: 7
Received: Aug 6, 2019
Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
7	SHIP	Shipping
7	G_WGH79	Weighing of samples and reporting of weights
7	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
7	GE_FAA515	@Au, FAS, AAS, 50g-5ml
7	GE_ICP40B	@ICP-OES after Multi-Acid Digest
7	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393366	0.751	<0.005	<2	8.28	<3	239	1.2	<5
B00393367	0.846	<0.005	<2	0.05	<3	2	<0.5	<5
B00393368	0.965	<0.005	<2	6.53	<3	132	1.7	<5
B00393369	0.817	<0.005	<2	2.43	<3	116	<0.5	<5
B00393370	1.013	0.008	<2	7.10	<3	286	1.3	<5
B00393371	0.896	<0.005	<2	6.92	<3	1163	5.0	<5
B00393201	1.503	<0.005	<2	3.36	4	51	<0.5	<5
*Rep B00393367		<0.005						
*Std OXG141		0.934						
*Rep B00393368			<2	6.61	<3	131	1.8	<5
*Std OREAS-602			>100	4.52	642	365	0.9	52
*Std RTS-3A			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	1	1	1	0.5	0.01	0.01	0.5
	%	ppm	ppm	ppm	ppm	%	%	ppm
B00393366	2.57	<1	13	24	244	2.24	1.49	19.8
B00393367	0.02	<1	<1	43	2.7	1.01	<0.01	<0.5
B00393368	1.59	<1	2	18	52.8	0.99	0.22	16.3
B00393369	2.32	<1	8	64	14.8	2.44	0.35	4.8
B00393370	1.27	<1	5	16	148	2.37	1.12	11.7
B00393371	10.2	<1	27	67	70.8	10.7	2.62	13.4
B00393201	2.78	<1	28	295	331	14.3	0.20	6.1
*Rep B00393368	1.60	<1	2	25	53.4	1.03	0.22	16.6
*Std OREAS-602	0.63	27	9	26	5285	2.29	0.69	17.4
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393366	12	0.77	186	12	2.58	22	0.03	14
B00393367	<1	0.03	96	3	<0.01	4	<0.01	<2
B00393368	2	0.13	101	4	3.37	4	<0.01	5
B00393369	7	0.86	404	3	0.76	25	0.01	<2
B00393370	10	0.38	192	5	3.28	3	0.03	3
B00393371	10	2.33	1945	<1	0.21	40	0.10	<2
B00393201	24	4.84	1769	<1	0.58	147	0.16	2
*Rep B00393368	2	0.13	104	4	3.48	4	<0.01	4
*Std OREAS-602	21	0.21	220	5	0.45	60	0.06	1005
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	5	0.5	10	0.5	0.01	2	10
	%	ppm	ppm	ppm	ppm	%	ppm	ppm
B00393366	0.14	<5	3.3	<10	130	0.16	31	<10
B00393367	<0.01	<5	<0.5	<10	1.1	<0.01	3	<10
B00393368	0.07	<5	0.9	<10	180	0.07	11	<10
B00393369	<0.01	<5	4.8	<10	72.5	0.23	41	<10
B00393370	0.05	<5	2.7	<10	172	0.12	29	<10
B00393371	0.73	<5	35.9	<10	149	0.28	354	<10
B00393201	1.93	<5	16.3	<10	108	0.10	140	<10
*Rep B00393368	0.08	<5	0.9	<10	182	0.08	12	<10
*Std OREAS-602	2.10	80	3.9	<10	470	0.19	34	19
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
B00393366	9.9	31	87.7	0.10
B00393367	<0.5	2	0.6	<0.05
B00393368	4.8	8	110	0.05
B00393369	3.0	20	20.7	<0.05
B00393370	10.0	27	107	0.06
B00393371	13.9	112	115	0.15
B00393201	10.9	90	72.6	0.24
*Rep B00393368	4.9	9	113	0.12
*Std OREAS-602	5.6	4248	80.3	33.97
*Std RTS-3A	N.A.	N.A.	N.A.	2.14

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Certificate of Analysis
Work Order : VD1900485
[Report File No.: 000021772]

Date: September 17, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 56
Received: Aug 12, 2019
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
56	SHIP	Shipping
55	G_WGH79	Weighing of samples and reporting of weights
52	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
56	GE_FAA515	@Au, FAS, AAS, 50g-5ml
56	GE_ICP40B	@ICP-OES after Multi-Acid Digest
56	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	GO_FAG505	@Au 0.5 ppm 50g, Fire assay, gravimetric finish
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Assays not suitable for commercial exchange.
Sample B00396491 has been exhausted and no over range can be reported

Certified By :

Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395057	2.544	<0.005	<2	6.54	5	302	1.0	<5
B00395058	2.356	0.270	<2	7.64	35	218	0.9	<5
B00395059	2.416	0.117	<2	7.84	57	200	0.8	<5
B00395060	N.A.	0.112	<2	7.75	51	186	0.7	<5
B00395061	2.946	0.040	<2	7.32	60	94	<0.5	<5
B00395062	2.510	2.454	6	6.11	146	185	0.5	<5
B00395063	1.406	0.026	<2	6.15	55	103	<0.5	<5
B00395064	2.698	0.023	<2	7.10	39	158	<0.5	<5
B00395065	2.686	1.203	3	8.33	148	214	0.5	<5
B00395066	2.396	0.008	<2	7.62	13	155	0.9	<5
B00395067	2.387	0.011	<2	7.86	13	197	1.0	<5
B00395068	2.544	0.014	<2	7.65	14	195	1.0	<5
B00395069	2.133	0.006	<2	7.95	7	193	0.9	<5
B00396493	0.233	<0.005	<2	6.27	<3	372	1.0	<5
B00393636	1.448	<0.005	<2	2.70	10	110	1.0	<5
B00393637	1.164	0.075	<2	3.04	793	115	<0.5	<5
B00393673	1.533	0.006	<2	4.23	460	278	<0.5	<5
B00393674	1.848	0.050	<2	2.09	898	210	<0.5	<5
B00393675	1.424	0.023	<2	4.84	45	14	<0.5	<5
B00393681	1.707	0.015	<2	1.51	810	49	<0.5	<5
B00396491	0.064	1.193	42	4.01	117	75	0.7	50
B00393427	1.366	0.041	<2	3.86	408	200	<0.5	<5
B00393431	0.850	0.006	<2	2.16	75	58	0.8	<5
B00393433	1.146	0.020	<2	3.97	25	10	<0.5	<5
B00393434	0.875	>10.00	18	0.05	10	4	<0.5	<5
B00393669	1.073	0.451	<2	4.26	755	130	0.8	<5
B00393670	1.074	0.171	<2	1.87	496	57	<0.5	<5
B00393678	1.067	0.022	<2	3.43	512	138	0.7	<5
B00393687	0.900	3.899	<2	0.21	12	4	<0.5	<5
B00393688	0.912	0.190	<2	0.43	19	8	<0.5	<5
B00396492	0.064	0.225	<2	4.63	363	262	0.9	7
B00393863	0.888	0.022	2	6.06	41	328	0.7	<5
B00393667	1.545	0.007	<2	7.23	32	79	1.9	<5
B00393872	1.428	3.504	9	0.08	82	4	<0.5	<5
B00393887	1.047	0.757	<2	4.91	>10000	24	<0.5	<5
*Dup B00393887	N.A.	0.618	<2	4.58	>10000	20	<0.5	<5
B00393888	1.465	0.255	<2	3.16	5080	43	<0.5	<5
B00393889	1.256	0.160	<2	4.59	3507	108	<0.5	<5
B00393890	1.123	>10.00	18	0.07	14	5	<0.5	<5
B00393893	1.517	0.017	<2	5.28	123	126	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393894	1.446	0.089	<2	6.96	555	292	0.6	<5
B00393895	0.901	0.014	<2	6.10	597	405	0.6	<5
B00393902	1.281	0.165	<2	3.67	730	121	0.7	<5
B00393903	1.065	0.015	<2	0.96	152	42	<0.5	<5
B00393648	1.305	0.007	<2	6.56	49	204	1.6	<5
B00393649	2.181	<0.005	<2	0.70	<3	181	<0.5	<5
B00393650	1.296	0.006	<2	4.46	<3	8	<0.5	<5
B00393651	1.536	<0.005	<2	0.21	<3	25	<0.5	<5
B00393652	0.684	<0.005	<2	0.06	<3	4	<0.5	<5
B00393202	1.035	<0.005	<2	0.32	<3	4	<0.5	<5
B00393204	0.868	<0.005	<2	0.33	<3	27	<0.5	<5
B00393205	1.296	<0.005	<2	0.03	<3	4	<0.5	<5
B00393208	0.991	0.009	<2	0.34	<3	4	<0.5	<5
B00393210	1.236	<0.005	<2	0.05	4	8	<0.5	<5
B00393211	1.498	0.008	<2	0.03	<3	7	<0.5	<5
B00393212	2.236	<0.005	5	3.12	19	506	<0.5	<5
B00396490	0.256	0.006	<2	6.28	<3	371	1.0	<5
*Rep B00393637		0.093						
*Rep B00396490		<0.005						
*Std OREAS-221		1.068						
*Blk BLANK		<0.005						
*Rep B00393890			17	0.07	13	5	<0.5	<5
*Rep B00393893			<2	5.26	130	131	<0.5	<5
*Std OREAS-602			>100	4.31	668	177	0.8	63
*Std RTS-3A			11	4.97	27	100	<0.5	35
*Std OREAS-903			<2	5.57	54	192	4.7	<5
*Std OREAS-901			<2	6.67	75	229	6.4	<5
*Blk BLANK		N.A.						
*Std OREAS-221		1.036						
*Std OREAS-217		0.341						
*Std OXE150		0.656						
*Blk BLANK		<0.005						
*Std OREAS-222		1.237						

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395057	3.48	<1	3	4	65.2	2.41	1.69	9.8
B00395058	2.57	<1	9	6	73.6	4.25	1.51	9.6
B00395059	0.17	<1	15	24	34.4	2.33	1.57	10.4
B00395060	0.18	<1	14	49	33.9	2.77	1.50	11.6
B00395061	4.35	<1	28	15	43.4	7.66	0.88	7.1
B00395062	0.10	3	19	27	60.2	3.19	1.52	8.1
B00395063	2.67	<1	12	25	57.6	13.1	1.02	3.8
B00395064	3.82	<1	17	47	69.8	9.39	1.03	4.9
B00395065	1.17	1	31	107	102	3.89	1.92	5.5
B00395066	2.76	<1	7	13	49.6	4.10	0.83	9.7
B00395067	2.68	<1	6	8	34.0	4.46	0.97	9.0
B00395068	3.09	<1	9	45	52.3	4.52	0.93	8.8
B00395069	2.80	<1	7	7	47.4	3.23	0.88	9.9
B00396493	1.75	<1	5	121	12.3	1.47	1.32	7.8
B00393636	14.7	<1	8	25	4.6	4.55	0.90	8.3
B00393637	13.0	<1	81	952	83.2	7.47	0.89	6.1
B00393673	8.77	<1	58	725	107	6.03	0.40	5.3
B00393674	2.48	<1	85	1487	39.1	8.46	0.52	4.0
B00393675	1.80	6	55	111	1025	>15.0	0.07	5.7
B00393681	5.43	<1	66	972	85.7	6.30	0.39	3.0
B00396491	1.40	130	235	19	>10000	14.1	0.94	12.4
B00393427	8.19	<1	29	85	143	5.71	2.01	1.4
B00393431	11.3	<1	42	604	54.8	7.43	0.33	9.0
B00393433	6.19	<1	30	208	121	10.2	0.03	1.3
B00393434	0.16	<1	<1	50	255	1.08	0.01	<0.5
B00393669	10.1	<1	64	695	187	8.52	0.66	9.5
B00393670	4.24	<1	70	912	85.3	6.95	0.34	3.8
B00393678	11.4	<1	49	585	133	7.15	0.43	6.2
B00393687	0.18	<1	2	60	12.5	1.21	0.02	<0.5
B00393688	0.23	<1	1	76	33.5	1.31	0.03	<0.5
B00396492	3.69	<1	335	27	6160	>15.0	3.29	135
B00393863	1.85	23	22	15	132	11.0	0.85	18.3
B00393667	1.66	<1	37	146	196	12.8	0.26	18.1
B00393872	0.12	13	<1	57	144	1.50	0.02	<0.5
B00393887	2.14	2	12	37	7.0	2.85	0.10	1.8
*Dup B00393887	2.04	2	10	29	4.9	2.73	0.09	1.6
B00393888	3.50	<1	15	62	28.2	3.11	0.39	1.3
B00393889	7.35	<1	20	120	8.7	5.73	1.17	2.2
B00393890	0.02	5	<1	65	78.5	0.86	0.02	<0.5
B00393893	10.2	<1	26	66	11.2	7.25	0.88	1.8

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	1	1	1	0.5	0.01	0.01	0.5
	%	ppm	ppm	ppm	ppm	%	%	ppm
B00393894	6.66	<1	35	86	71.1	7.17	2.37	2.1
B00393895	4.77	<1	58	635	36.0	10.1	1.16	9.3
B00393902	9.85	<1	61	596	115	7.43	0.69	7.3
B00393903	2.89	<1	15	125	21.8	2.80	0.22	1.6
B00393648	1.52	<1	81	123	111	8.19	0.38	29.9
B00393649	0.22	<1	<1	41	0.8	0.31	0.81	1.0
B00393650	5.93	<1	15	102	55.6	2.82	0.03	1.0
B00393651	0.01	<1	<1	15	1.1	0.75	0.12	<0.5
B00393652	0.08	<1	<1	25	4.3	0.92	0.02	<0.5
B00393202	0.75	<1	<1	39	<0.5	0.84	0.01	1.5
B00393204	12.7	<1	10	26	2.2	4.23	0.14	1.4
B00393205	0.32	<1	<1	13	1.4	0.57	0.01	<0.5
B00393208	0.05	<1	3	17	162	1.74	0.02	1.3
B00393210	1.33	<1	<1	21	9.0	14.3	<0.01	<0.5
B00393211	0.99	<1	<1	19	4.3	3.63	<0.01	<0.5
B00393212	0.01	12	7	18	21.7	3.07	4.19	5.2
B00396490	1.72	<1	5	100	7.7	1.49	1.32	8.0
*Rep B00393890	0.03	5	<1	82	80.3	0.86	0.02	<0.5
*Rep B00393893	10.0	<1	27	70	11.0	7.16	0.88	1.8
*Std OREAS-602	0.63	26	9	34	5277	2.21	0.71	15.5
*Std RTS-3A	2.01	9	113	134	2430	>15.0	0.50	9.3
*Std OREAS-903	0.61	<1	132	78	6408	3.96	3.41	35.7
*Std OREAS-901	0.09	<1	71	46	1406	3.95	3.80	43.7

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395057	7	0.37	843	<1	1.06	<1	0.06	8
B00395058	13	0.72	811	2	0.97	3	0.07	164
B00395059	10	0.18	71	1	1.28	15	0.05	42
B00395060	12	0.37	130	1	1.21	20	0.05	40
B00395061	24	2.92	1984	<1	0.61	22	0.09	129
B00395062	5	0.11	55	2	0.86	24	0.01	836
B00395063	7	0.29	389	2	2.02	7	0.04	20
B00395064	12	1.17	614	1	1.78	16	0.04	19
B00395065	10	0.80	380	1	1.14	49	0.04	158
B00395066	11	0.45	440	1	2.62	6	0.05	7
B00395067	12	0.42	504	<1	2.26	4	0.05	7
B00395068	12	0.59	646	1	2.27	8	0.06	7
B00395069	12	0.43	556	<1	2.75	2	0.06	8
B00396493	9	0.52	255	2	2.79	21	0.02	9
B00393636	13	7.88	1540	<1	1.14	14	0.07	66
B00393637	4	6.42	1567	<1	0.36	781	0.08	<2
B00393673	13	4.30	1048	<1	1.01	499	0.04	<2
B00393674	4	11.8	1209	<1	0.28	842	<0.01	2
B00393675	10	1.27	671	36	0.01	119	0.05	14
B00393681	3	8.65	1080	2	0.14	640	<0.01	5
B00396491	11	1.20	580	16	0.48	12	0.05	5933
B00393427	2	2.66	1301	2	0.08	38	0.02	<2
B00393431	16	4.72	1441	2	<0.01	298	0.07	2
B00393433	6	2.88	1034	5	0.38	114	0.02	2
B00393434	<1	0.08	107	4	0.01	9	<0.01	34
B00393669	10	3.68	1238	1	0.89	488	0.10	3
B00393670	8	9.14	974	1	0.24	686	0.02	2
B00393678	7	4.28	1192	<1	0.77	367	0.05	<2
B00393687	2	0.12	176	4	0.05	11	<0.01	29
B00393688	<1	0.04	140	6	0.31	8	<0.01	4
B00396492	19	1.07	2947	135	1.02	60	0.08	10
B00393863	23	2.02	1280	2	0.97	<1	0.09	5414
B00393667	45	2.28	1644	3	2.16	75	0.09	7
B00393872	<1	<0.01	88	5	0.06	4	<0.01	2012
B00393887	<1	0.52	404	1	4.12	19	<0.01	27
*Dup B00393887	<1	0.50	375	1	3.87	18	<0.01	23
B00393888	<1	1.11	590	3	1.96	21	<0.01	15
B00393889	1	2.07	1252	1	2.02	43	0.01	5
B00393890	<1	<0.01	84	10	0.03	4	<0.01	4661
B00393893	2	3.36	1355	<1	3.22	27	<0.01	4

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393894	3	2.86	1187	<1	2.03	40	0.01	4
B00393895	9	1.92	1526	<1	1.18	467	0.06	<2
B00393902	8	3.67	1064	1	0.73	508	0.07	<2
B00393903	1	1.38	383	1	0.14	121	0.01	2
B00393648	32	1.51	6510	1	2.78	58	0.05	13
B00393649	2	0.12	51	4	0.02	4	<0.01	<2
B00393650	5	1.21	343	3	0.02	77	<0.01	<2
B00393651	2	0.02	70	2	0.01	2	<0.01	<2
B00393652	<1	0.03	94	4	<0.01	6	<0.01	<2
B00393202	<1	0.03	424	2	0.20	2	0.04	<2
B00393204	1	6.04	1645	2	0.04	25	<0.01	<2
B00393205	<1	<0.01	101	2	<0.01	2	<0.01	3
B00393208	<1	0.02	106	3	0.26	8	<0.01	<2
B00393210	<1	0.27	380	4	<0.01	<1	<0.01	<2
B00393211	<1	0.34	273	2	<0.01	<1	<0.01	<2
B00393212	<1	0.01	57	55	0.22	7	<0.01	516
B00396490	9	0.53	252	<1	2.85	22	0.02	8
*Rep B00393890	<1	<0.01	84	9	0.03	4	<0.01	4525
*Rep B00393893	2	3.37	1357	<1	3.19	28	<0.01	2
*Std OREAS-602	22	0.20	228	5	0.47	62	0.06	1126
*Std RTS-3A	16	2.40	1408	5	0.71	49	0.04	208
*Std OREAS-903	19	0.69	659	4	0.03	55	0.11	12
*Std OREAS-901	18	0.60	284	3	0.04	39	0.06	19

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395057	0.03	<5	16.9	<10	137	0.10	13	<10
B00395058	1.33	12	19.7	<10	161	0.12	74	<10
B00395059	1.87	15	17.6	<10	164	0.11	108	<10
B00395060	1.47	13	19.2	<10	156	0.12	116	<10
B00395061	0.71	21	27.4	<10	101	0.49	270	<10
B00395062	3.27	17	38.4	<10	93.0	0.08	102	<10
B00395063	>5.00	<5	17.6	<10	132	0.08	148	<10
B00395064	>5.00	<5	24.5	<10	148	0.14	192	<10
B00395065	2.30	30	27.6	<10	127	0.21	192	<10
B00395066	2.08	<5	24.8	<10	191	0.10	40	<10
B00395067	2.27	<5	15.2	<10	210	0.10	42	<10
B00395068	2.07	<5	17.4	<10	202	0.10	55	<10
B00395069	0.62	<5	15.3	<10	187	0.10	38	<10
B00396493	<0.01	<5	5.6	<10	361	0.14	38	<10
B00393636	0.05	<5	4.2	<10	816	0.04	19	<10
B00393637	0.78	11	18.1	<10	289	0.11	182	<10
B00393673	0.04	7	28.2	<10	203	0.18	207	<10
B00393674	0.02	27	12.5	<10	106	0.05	116	<10
B00393675	>5.00	<5	22.7	<10	71.7	0.45	535	<10
B00393681	0.03	20	10.4	<10	312	0.03	95	<10
B00396491	>5.00	58	7.3	<10	33.6	0.09	28	<10
B00393427	0.12	<5	30.0	<10	140	0.06	230	<10
B00393431	0.07	<5	19.6	<10	211	0.46	155	<10
B00393433	>5.00	<5	24.8	<10	17.6	0.31	187	<10
B00393434	0.17	<5	<0.5	<10	4.7	0.01	4	<10
B00393669	0.63	13	24.6	<10	230	0.19	236	<10
B00393670	0.04	38	11.8	<10	341	0.04	112	<10
B00393678	0.18	36	20.1	<10	296	0.15	181	<10
B00393687	<0.01	<5	1.0	<10	5.4	0.03	10	<10
B00393688	0.05	<5	0.8	<10	6.5	0.01	10	<10
B00396492	1.82	5	13.0	<10	152	0.34	207	89
B00393863	3.84	7	17.9	<10	79.1	0.50	116	<10
B00393667	2.43	<5	33.0	<10	52.9	0.86	291	<10
B00393872	0.62	50	<0.5	<10	5.4	<0.01	3	<10
B00393887	0.75	8	7.3	<10	69.2	0.10	24	<10
*Dup B00393887	0.68	6	6.4	<10	65.0	0.08	22	<10
B00393888	0.45	6	12.5	<10	78.7	0.10	78	<10
B00393889	0.17	<5	24.6	<10	127	0.27	191	<10
B00393890	0.11	<5	<0.5	<10	3.2	<0.01	7	<10
B00393893	0.22	<5	33.8	<10	491	0.21	161	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393894	0.20	<5	36.1	<10	265	0.25	267	<10
B00393895	0.32	15	30.2	<10	159	0.40	269	<10
B00393902	0.58	25	20.6	<10	188	0.23	201	<10
B00393903	0.15	<5	6.0	<10	63.3	0.03	57	<10
B00393648	0.09	<5	21.0	<10	55.1	0.44	99	<10
B00393649	<0.01	<5	<0.5	<10	15.5	<0.01	4	<10
B00393650	0.24	<5	11.6	<10	10.5	0.15	84	<10
B00393651	0.02	<5	<0.5	<10	1.3	<0.01	4	<10
B00393652	0.03	<5	<0.5	<10	1.8	<0.01	<2	<10
B00393202	<0.01	<5	1.0	<10	35.7	0.04	3	<10
B00393204	0.01	<5	3.2	<10	108	<0.01	34	<10
B00393205	<0.01	<5	<0.5	<10	20.9	<0.01	<2	<10
B00393208	0.01	<5	<0.5	<10	5.1	<0.01	<2	<10
B00393210	<0.01	<5	<0.5	<10	19.1	<0.01	13	<10
B00393211	0.62	<5	<0.5	<10	9.5	<0.01	3	<10
B00393212	2.19	<5	<0.5	<10	39.3	<0.01	3	<10
B00396490	<0.01	<5	5.6	<10	366	0.14	38	<10
*Rep B00393890	0.11	<5	<0.5	<10	3.4	<0.01	7	<10
*Rep B00393893	0.24	<5	35.0	<10	481	0.18	165	<10
*Std OREAS-602	2.15	84	4.0	<10	464	0.20	33	19
*Std RTS-3A	>5.00	<5	14.5	40	43.7	0.29	107	<10
*Std OREAS-903	0.51	<5	9.8	<10	72.7	0.14	73	<10
*Std OREAS-901	0.04	<5	13.5	<10	30.0	0.17	82	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au	Cu	Zn	As
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm	GE_ICP90A 30 ppm
B00395057	10.1	49	131	<0.05	N.A.	N.A.	N.A.	N.A.
B00395058	12.1	378	144	<0.05	N.A.	N.A.	N.A.	N.A.
B00395059	13.1	79	170	<0.05	N.A.	N.A.	N.A.	N.A.
B00395060	13.7	132	163	0.36	N.A.	N.A.	N.A.	N.A.
B00395061	8.4	346	80.8	0.10	N.A.	N.A.	N.A.	N.A.
B00395062	8.8	1994	118	<0.05	N.A.	N.A.	N.A.	N.A.
B00395063	5.9	134	69.3	<0.05	N.A.	N.A.	N.A.	N.A.
B00395064	5.9	139	75.1	<0.05	N.A.	N.A.	N.A.	N.A.
B00395065	8.3	650	111	0.06	N.A.	N.A.	N.A.	N.A.
B00395066	10.4	73	134	<0.05	N.A.	N.A.	N.A.	N.A.
B00395067	10.4	64	142	<0.05	N.A.	N.A.	N.A.	N.A.
B00395068	10.4	66	135	<0.05	N.A.	N.A.	N.A.	N.A.
B00395069	11.1	60	141	<0.05	N.A.	N.A.	N.A.	N.A.
B00396493	5.7	26	37.7	<0.05	N.A.	N.A.	N.A.	N.A.
B00393636	9.5	69	24.1	<0.05	N.A.	N.A.	N.A.	N.A.
B00393637	9.3	81	74.1	<0.05	N.A.	N.A.	N.A.	N.A.
B00393673	7.3	63	49.3	<0.05	N.A.	N.A.	N.A.	N.A.
B00393674	3.8	181	44.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393675	18.6	454	68.7	0.28	N.A.	N.A.	N.A.	N.A.
B00393681	4.1	65	29.4	<0.05	N.A.	N.A.	N.A.	N.A.
B00396491	10.5	>10000	98.6	0.89	N.A.	N.A.	N.A.	N.A.
B00393427	6.2	55	35.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00393431	12.4	55	96.7	<0.05	N.A.	N.A.	N.A.	N.A.
B00393433	8.8	49	26.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00393434	<0.5	7	1.6	<0.05	79.37	N.A.	N.A.	N.A.
B00393669	10.7	95	81.9	0.07	N.A.	N.A.	N.A.	N.A.
B00393670	4.1	61	36.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393678	9.0	70	64.2	<0.05	N.A.	N.A.	N.A.	N.A.
B00393687	0.8	18	3.8	<0.05	N.A.	N.A.	N.A.	N.A.
B00393688	<0.5	5	2.4	<0.05	N.A.	N.A.	N.A.	N.A.
B00396492	17.9	19	118	0.74	N.A.	N.A.	N.A.	N.A.
B00393863	10.6	4896	117	0.13	N.A.	N.A.	N.A.	N.A.
B00393667	33.5	164	133	0.12	N.A.	N.A.	N.A.	N.A.
B00393872	<0.5	2065	<0.5	0.11	N.A.	N.A.	N.A.	N.A.
B00393887	2.4	50	9.3	0.11	N.A.	N.A.	N.A.	11933
*Dup B00393887	2.0	44	9.1	0.09	N.A.	N.A.	N.A.	10596
B00393888	2.8	44	17.4	<0.05	N.A.	N.A.	N.A.	N.A.
B00393889	7.0	47	28.0	0.06	N.A.	N.A.	N.A.	N.A.
B00393890	<0.5	483	<0.5	0.44	59.55	N.A.	N.A.	N.A.
B00393893	8.6	44	24.9	<0.05	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au	Cu	Zn	As
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GO_FAG505	GE_ICP90A	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	0.5 ppm	10 ppm	10 ppm	30 ppm
B00393894	7.3	74	23.9	<0.05	N.A.	N.A.	N.A.	N.A.
B00393895	9.1	96	74.7	<0.05	N.A.	N.A.	N.A.	N.A.
B00393902	8.8	75	69.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00393903	2.6	18	22.0	<0.05	N.A.	N.A.	N.A.	N.A.
B00393648	21.1	77	108	0.54	N.A.	N.A.	N.A.	N.A.
B00393649	0.8	4	13.8	<0.05	N.A.	N.A.	N.A.	N.A.
B00393650	3.9	29	12.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393651	<0.5	2	3.9	<0.05	N.A.	N.A.	N.A.	N.A.
B00393652	<0.5	4	<0.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393202	3.0	6	6.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00393204	3.5	62	8.0	<0.05	N.A.	N.A.	N.A.	N.A.
B00393205	0.8	3	0.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00393208	0.6	3	1.7	<0.05	N.A.	N.A.	N.A.	N.A.
B00393210	0.6	3	<0.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393211	<0.5	4	0.5	<0.05	N.A.	N.A.	N.A.	N.A.
B00393212	1.2	2606	81.6	<0.05	N.A.	N.A.	N.A.	N.A.
B00396490	5.9	21	44.4	<0.05	N.A.	N.A.	N.A.	N.A.
*Rep B00393890	<0.5	494	<0.5	0.44				
*Rep B00393893	8.6	45	25.6	<0.05				
*Std OREAS-602	5.9	4349	81.6	39.34				
*Std RTS-3A	11.8	2858	63.6	2.00				
*Std OREAS-903	21.6	26	150	<0.05				
*Std OREAS-901	36.5	27	172	<0.05				
*Blk BLANK					<0.50			
*Blk BLANK					N.A.			
*Rep B00393434					79.31			
*Std SQ87_30.87AU					30.67			
*Std MP-1B						N.A.	N.A.	24071
*Blk BLANK						N.A.	N.A.	<30
*Blk BLANK						N.A.	N.A.	N.A.

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Certificate of Analysis
Work Order : VD1900486
[Report File No.: 000021763]

Date: September 17, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 43
 Received: Aug 9, 2019
 Pages: Page 1 to 11
 (Inclusive of Cover Sheet)

Methods Summary

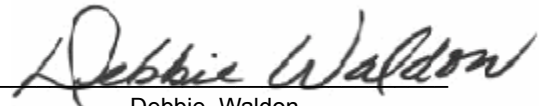
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
43	SHIP	Shipping
42	G_WGH79	Weighing of samples and reporting of weights
40	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
43	GE_FAA515	@Au, FAS, AAS, 50g-5ml
43	GE_ICP40B	@ICP-OES after Multi-Acid Digest
43	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395001	2.947	<0.005	<2	7.02	<3	187	1.0	<5
B00395002	1.236	0.016	<2	7.51	6	202	1.1	<5
B00395003	2.124	<0.005	<2	6.86	<3	212	1.0	<5
B00395004	1.559	0.027	<2	7.38	9	208	1.0	<5
B00395005	1.405	0.029	<2	5.75	14	191	0.9	<5
B00395006	1.451	0.025	<2	7.98	14	268	1.1	<5
B00395007	2.369	0.019	<2	6.81	11	209	0.8	<5
B00395008	3.186	0.006	<2	7.05	13	187	0.7	<5
B00395009	2.226	0.008	<2	7.22	15	83	0.6	<5
B00395010	0.063	0.376	<2	4.64	321	220	1.0	<5
B00395011	2.388	<0.005	<2	7.08	7	232	0.6	<5
B00395012	2.326	<0.005	<2	7.49	3	189	0.6	<5
B00395013	2.292	0.013	<2	7.49	4	141	0.6	<5
B00395014	2.216	<0.005	<2	8.14	4	141	0.6	<5
B00395015	2.184	0.012	<2	7.33	7	145	0.6	<5
B00395016	2.468	0.023	<2	8.06	13	146	0.6	<5
B00395017	2.272	0.033	<2	7.87	17	144	0.7	<5
B00395018	2.210	0.009	<2	6.90	10	123	0.6	<5
B00395019	1.957	0.006	<2	7.52	4	96	0.8	<5
B00395020	0.122	0.006	<2	6.03	<3	362	1.0	<5
B00395021	2.031	0.012	<2	7.51	12	125	0.8	<5
B00395022	1.781	0.040	<2	8.37	25	112	0.8	<5
B00395023	2.129	0.030	<2	9.21	26	113	0.9	<5
B00395024	2.239	0.030	<2	8.50	17	112	1.0	<5
B00395025	2.293	0.019	<2	8.44	23	128	1.0	<5
B00395026	1.913	0.019	<2	6.99	17	80	0.7	<5
B00395027	2.330	0.016	<2	7.42	18	117	0.8	<5
B00395028	2.252	<0.005	<2	7.51	11	117	0.7	<5
B00395029	2.564	<0.005	<2	7.51	9	112	0.8	<5
B00395030	N.A.	<0.005	<2	7.68	12	124	0.9	<5
B00395031	2.303	<0.005	<2	7.33	5	211	0.8	<5
B00395032	2.265	0.007	<2	7.62	7	287	1.0	<5
B00395033	2.289	0.008	<2	7.47	7	261	0.9	<5
B00395034	2.201	0.015	<2	7.65	16	213	1.0	<5
B00395035	2.376	0.007	<2	7.77	10	278	1.1	<5
B00395036	2.161	<0.005	<2	7.78	6	275	1.0	<5
B00395037	2.377	<0.005	<2	7.69	8	228	0.9	<5
B00395038	2.160	<0.005	<2	7.54	12	151	0.8	<5
B00395039	2.452	<0.005	<2	7.60	13	242	0.9	<5
B00395040	0.061	1.091	<2	5.98	<3	66	0.7	7

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395041	2.421	<0.005	<2	7.90	12	258	1.0	<5
B00395042	1.675	0.007	<2	7.47	13	267	0.9	<5
B00395043	2.093	<0.005	<2	6.94	20	79	0.8	<5
*Rep B00395027		0.016						
*Rep B00395041		<0.005						
*Std OREAS-222		1.199						
*Std OREAS-235		1.567						
*Blk BLANK		<0.005						
*Rep B00395029			<2	7.54	7	110	0.8	<5
*Rep B00395040			<2	6.01	<3	67	0.7	6
*Std OREAS-602			>100	4.16	628	261	0.9	55
*Std RTS-3A			12	4.91	15	102	0.5	35
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK		<0.005						
*Std OREAS-235		1.555						

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00395001	2.78	<1	8	8	17.3	3.75	0.99	12.9
B00395002	2.25	<1	14	13	14.5	5.45	0.99	10.6
B00395003	2.60	<1	8	10	5.4	3.46	0.98	10.8
B00395004	2.56	<1	13	17	29.1	4.82	0.89	10.4
B00395005	6.99	<1	16	27	35.4	4.22	0.88	5.9
B00395006	3.47	<1	22	33	62.4	4.52	1.32	7.5
B00395007	4.34	<1	29	127	78.8	6.46	0.55	5.1
B00395008	3.78	<1	32	113	83.2	7.02	0.49	5.4
B00395009	4.36	<1	24	156	94.4	8.15	0.27	6.2
B00395010	3.74	<1	336	31	5915	>15.0	3.31	134
B00395011	5.28	<1	24	67	53.0	6.47	1.15	6.1
B00395012	4.32	<1	24	88	63.0	6.23	0.91	6.6
B00395013	5.06	<1	32	91	60.0	6.96	0.64	6.1
B00395014	4.96	<1	25	15	65.6	7.62	0.71	5.6
B00395015	5.07	<1	28	20	61.3	5.04	0.75	5.3
B00395016	3.46	<1	33	35	81.7	7.41	0.82	3.6
B00395017	4.38	<1	23	120	38.4	6.36	0.87	6.2
B00395018	5.86	<1	22	63	31.1	5.82	0.78	5.8
B00395019	6.02	<1	11	3	15.9	6.20	0.62	9.2
B00395020	1.69	<1	5	95	8.7	1.42	1.30	8.4
B00395021	2.67	<1	6	7	29.5	3.75	0.98	8.9
B00395022	1.09	<1	9	8	33.5	4.80	0.92	8.5
B00395023	3.27	<1	12	6	44.5	5.47	0.98	11.0
B00395024	2.20	<1	6	7	27.4	3.57	0.93	10.2
B00395025	3.24	<1	9	7	37.5	3.64	1.00	10.7
B00395026	2.52	<1	9	4	39.4	4.61	0.66	7.0
B00395027	5.01	<1	19	3	44.0	7.12	0.69	7.4
B00395028	5.44	<1	20	2	50.4	6.72	0.59	7.8
B00395029	5.49	<1	19	2	26.8	6.41	0.59	7.5
B00395030	4.96	<1	20	3	36.4	6.42	0.67	7.7
B00395031	3.29	<1	12	4	39.6	3.77	1.24	9.6
B00395032	2.71	<1	11	5	40.9	3.84	1.76	10.6
B00395033	2.61	<1	11	4	60.3	3.51	1.62	10.4
B00395034	2.25	<1	13	4	50.3	4.98	1.35	10.8
B00395035	2.14	<1	11	4	59.6	4.23	1.78	10.7
B00395036	3.49	<1	7	3	45.4	3.45	1.74	10.5
B00395037	3.28	<1	12	5	45.8	4.78	1.44	9.9
B00395038	3.99	<1	18	7	33.9	5.81	0.99	8.1
B00395039	3.00	<1	9	5	52.6	4.56	1.45	10.2
B00395040	3.35	<1	16	32	4449	>15.0	2.60	6.8

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	1	1	1	0.5	0.01	0.01	0.5
	%	ppm	ppm	ppm	ppm	%	%	ppm
B00395041	3.22	<1	7	5	46.2	3.81	1.58	10.7
B00395042	2.66	<1	8	4	40.2	4.54	1.44	10.3
B00395043	5.65	<1	22	60	69.0	5.68	0.49	5.1
*Rep B00395029	5.50	<1	19	2	28.7	6.47	0.61	7.4
*Rep B00395040	3.36	<1	15	32	4479	>15.0	2.63	6.8
*Std OREAS-602	0.62	26	10	28	4860	2.09	0.69	17.0
*Std RTS-3A	2.01	8	121	144	2355	>15.0	0.49	8.1
*Bik BLANK	<0.01	<1	<1	1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395001	7	0.66	788	<1	2.56	5	0.05	4
B00395002	11	0.94	744	<1	2.12	9	0.06	5
B00395003	7	0.58	614	<1	2.45	5	0.05	4
B00395004	10	0.85	715	<1	2.44	23	0.06	5
B00395005	8	0.83	1454	1	1.55	20	0.06	6
B00395006	11	1.09	905	1	2.11	28	0.06	7
B00395007	17	2.77	1425	<1	1.69	109	0.05	6
B00395008	19	3.03	1162	<1	1.53	87	0.06	7
B00395009	20	2.77	1385	2	1.54	100	0.07	7
B00395010	18	1.08	2987	134	0.99	62	0.08	12
B00395011	11	1.54	1458	<1	1.48	29	0.06	4
B00395012	13	1.75	1210	<1	2.07	29	0.06	3
B00395013	15	2.16	1251	<1	1.93	41	0.06	3
B00395014	20	1.50	2102	<1	0.97	25	0.05	5
B00395015	18	1.12	1445	<1	1.15	33	0.06	8
B00395016	20	1.31	1676	<1	1.08	69	0.05	11
B00395017	20	1.38	1318	<1	1.08	51	0.07	17
B00395018	19	1.87	1625	<1	0.76	24	0.05	12
B00395019	21	1.89	1264	<1	0.85	1	0.10	12
B00395020	8	0.51	253	3	2.75	20	0.02	6
B00395021	15	1.17	1741	<1	1.14	6	0.05	20
B00395022	21	1.10	921	<1	1.30	6	0.05	32
B00395023	25	1.44	2425	<1	1.45	11	0.06	30
B00395024	21	0.95	1585	<1	1.46	3	0.05	24
B00395025	16	0.70	1175	1	1.53	7	0.06	19
B00395026	20	1.30	1657	<1	1.04	3	0.05	20
B00395027	16	1.01	1137	<1	1.03	9	0.08	35
B00395028	16	1.22	1291	<1	1.59	4	0.08	6
B00395029	16	1.41	1353	<1	1.58	3	0.07	6
B00395030	16	1.47	1278	<1	1.59	4	0.07	6
B00395031	8	0.59	760	<1	2.17	2	0.07	5
B00395032	6	0.35	572	<1	1.89	7	0.06	7
B00395033	6	0.39	566	<1	2.00	4	0.06	6
B00395034	7	0.39	509	<1	2.17	7	0.07	7
B00395035	7	0.48	595	<1	1.58	3	0.07	7
B00395036	7	0.49	804	<1	1.76	1	0.06	6
B00395037	9	0.84	868	<1	1.73	3	0.07	5
B00395038	12	1.23	1095	<1	1.80	4	0.07	6
B00395039	6	0.41	687	<1	2.24	2	0.07	5
B00395040	118	0.68	2843	186	0.66	11	0.44	10

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395041	6	0.47	717	<1	2.33	2	0.07	4
B00395042	6	0.57	630	<1	2.23	3	0.07	4
B00395043	16	2.43	1056	<1	1.19	18	0.05	3
*Rep B00395029	16	1.45	1365	<1	1.58	3	0.07	5
*Rep B00395040	117	0.68	2866	189	0.67	12	0.44	12
*Std OREAS-602	20	0.19	228	4	0.45	60	0.06	1005
*Std RTS-3A	16	2.44	1424	<1	0.69	53	0.04	197
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395001	0.01	<5	14.3	<10	119	0.12	64	<10
B00395002	0.21	<5	14.0	<10	129	0.10	68	<10
B00395003	0.06	<5	13.2	<10	120	0.12	57	<10
B00395004	0.33	<5	18.0	<10	124	0.14	93	<10
B00395005	0.54	<5	21.4	<10	170	0.14	118	<10
B00395006	0.94	<5	26.9	<10	182	0.16	165	<10
B00395007	0.65	<5	30.0	<10	169	0.09	202	<10
B00395008	0.61	<5	30.6	<10	137	0.10	222	<10
B00395009	0.88	<5	27.2	<10	153	0.08	157	<10
B00395010	1.81	9	12.2	<10	143	0.32	207	73
B00395011	0.22	<5	31.8	<10	104	0.16	256	<10
B00395012	0.10	<5	32.2	<10	98.3	0.15	256	<10
B00395013	0.51	<5	34.7	<10	116	0.17	258	<10
B00395014	0.27	<5	35.0	<10	152	0.13	219	<10
B00395015	1.07	6	26.7	<10	168	0.10	210	<10
B00395016	1.93	<5	38.5	<10	148	0.11	267	<10
B00395017	1.91	6	22.6	<10	159	0.15	142	<10
B00395018	0.45	8	27.6	<10	111	0.27	197	<10
B00395019	0.03	8	17.8	<10	147	0.35	80	<10
B00395020	<0.01	<5	5.6	<10	334	0.13	35	<10
B00395021	0.38	6	11.4	<10	120	0.08	49	<10
B00395022	0.84	11	16.8	<10	122	0.08	64	<10
B00395023	0.85	7	23.3	<10	147	0.13	102	<10
B00395024	0.46	5	12.5	<10	150	0.12	50	<10
B00395025	1.27	5	13.2	<10	182	0.10	48	<10
B00395026	0.35	8	13.5	<10	115	0.08	52	<10
B00395027	1.95	<5	18.8	<10	176	0.12	149	<10
B00395028	0.25	<5	20.2	<10	176	0.15	178	<10
B00395029	0.23	5	20.1	<10	174	0.15	172	<10
B00395030	0.30	6	20.2	<10	172	0.17	174	<10
B00395031	0.65	<5	13.5	<10	156	0.08	64	<10
B00395032	1.54	<5	13.9	<10	158	0.08	43	<10
B00395033	1.22	<5	14.6	<10	158	0.08	39	<10
B00395034	3.02	<5	16.7	<10	185	0.08	44	<10
B00395035	1.51	<5	15.0	<10	177	0.08	44	<10
B00395036	0.47	<5	16.8	<10	180	0.08	39	<10
B00395037	0.70	5	18.5	<10	163	0.07	96	<10
B00395038	0.69	6	20.9	<10	169	0.08	148	<10
B00395039	1.86	<5	15.1	<10	180	0.07	44	<10
B00395040	0.65	<5	5.1	78	100	0.11	56	2017

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
B00395041	1.06	<5	15.3	<10	170	0.07	42	<10
B00395042	2.09	<5	22.4	<10	147	0.09	41	<10
B00395043	0.11	19	37.1	<10	175	0.39	219	<10
*Rep B00395029	0.24	<5	19.8	<10	175	0.15	170	<10
*Rep B00395040	0.66	<5	5.1	79	101	0.11	56	1708
*Std OREAS-602	2.13	80	4.0	<10	438	0.19	33	18
*Std RTS-3A	>5.00	7	14.0	39	41.1	0.29	112	15
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395001	11.7	61	162	<0.05
B00395002	10.8	90	160	<0.05
B00395003	11.8	64	158	<0.05
B00395004	10.3	76	158	0.07
B00395005	11.5	74	84.6	0.09
B00395006	8.3	83	118	0.07
B00395007	6.9	144	87.4	0.07
B00395008	6.5	155	87.2	0.10
B00395009	8.0	273	90.1	0.19
B00395010	16.8	26	122	0.62
B00395011	6.5	78	87.6	<0.05
B00395012	6.8	82	90.2	<0.05
B00395013	6.6	93	89.7	<0.05
B00395014	9.0	84	87.3	<0.05
B00395015	6.9	78	73.5	<0.05
B00395016	7.1	82	87.2	<0.05
B00395017	11.7	140	103	<0.05
B00395018	7.8	152	79.3	<0.05
B00395019	12.1	111	106	0.25
B00395020	5.5	20	37.0	<0.05
B00395021	11.8	126	151	<0.05
B00395022	12.2	191	177	0.06
B00395023	13.5	184	174	<0.05
B00395024	13.0	120	186	<0.05
B00395025	12.5	110	171	<0.05
B00395026	10.0	187	136	<0.05
B00395027	8.9	100	101	<0.05
B00395028	8.7	98	96.5	<0.05
B00395029	8.8	102	99.7	<0.05
B00395030	8.7	105	102	<0.05
B00395031	10.1	69	130	<0.05
B00395032	10.4	57	138	<0.05
B00395033	10.3	66	138	<0.05
B00395034	9.7	67	141	<0.05
B00395035	13.8	65	143	<0.05
B00395036	18.9	71	129	<0.05
B00395037	19.5	83	126	<0.05
B00395038	18.0	103	95.7	<0.05
B00395039	20.1	71	123	<0.05
B00395040	6.8	312	34.3	0.19

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
B00395041	21.3	83	126	<0.05
B00395042	20.2	110	126	<0.05
B00395043	17.9	99	56.8	<0.05
*Rep B00395029	8.9	106	98.3	<0.05
*Rep B00395040	6.8	312	33.8	0.18
*Std OREAS-602	5.5	4225	80.8	38.37
*Std RTS-3A	10.7	2851	69.8	1.63
*Bik BLANK	<0.5	<1	<0.5	<0.05

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Certificate of Analysis
Work Order : VD1900504
[Report File No.: 000021585]

Date: August 29, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 7
Received: Aug 16, 2019
Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

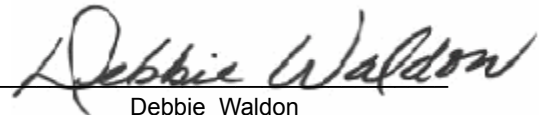
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
7	SHIP	Shipping
7	G_WGH79	Weighing of samples and reporting of weights
6	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
7	GE_FAA515	@Au, FAS, AAS, 50g-5ml
7	GE_ICP40B	@ICP-OES after Multi-Acid Digest
7	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395133	2.292	<0.005	<2	7.25	95	1436	0.7	<5
B00395134	3.092	3.238	<2	4.70	595	174	1.2	<5
B00395135	1.509	0.346	<2	7.32	467	596	1.6	<5
B00395136	2.635	0.358	<2	7.16	420	502	1.0	<5
B00395137	2.068	0.086	<2	7.15	97	718	1.7	<5
B00395138	2.053	0.175	<2	7.61	67	668	1.5	<5
B00396489	0.066	1.123	<2	6.52	19	71	0.6	<5
*Rep B00395137		0.087						
*Std OREAS-501C		0.226						
*Rep B00395135			<2	7.29	476	617	1.7	<5
*Std OREAS-602			>100	4.50	659	141	0.9	53
*Std RTS-3A			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01	1	1	1	0.5	0.01	0.01	0.5
	%	ppm	ppm	ppm	ppm	%	%	ppm
B00395133	5.01	<1	30	120	105	7.17	3.05	4.6
B00395134	1.55	<1	7	104	56.2	6.03	2.28	24.2
B00395135	1.23	<1	5	49	24.2	4.57	2.44	43.6
B00395136	5.32	<1	18	39	56.5	6.90	2.45	6.6
B00395137	1.12	<1	6	40	24.2	4.40	2.71	42.1
B00395138	1.18	<1	6	35	22.3	3.96	2.64	36.4
B00396489	3.76	<1	16	30	4965	>15.0	2.61	8.0
*Rep B00395135	1.22	<1	5	43	25.8	4.90	2.40	44.3
*Std OREAS-602	0.65	26	9	28	4989	2.13	0.69	16.1
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395133	6	3.99	1380	<1	1.12	44	0.06	<2
B00395134	6	0.75	772	5	0.37	13	0.05	24
B00395135	7	0.76	874	4	2.50	8	0.04	16
B00395136	4	1.42	1608	3	2.13	5	0.07	9
B00395137	7	0.74	982	4	2.03	9	0.04	24
B00395138	7	0.65	885	6	2.21	9	0.05	14
B00396489	118	0.82	3114	196	0.73	3	0.49	4
*Rep B00395135	6	0.78	912	4	2.48	8	0.04	16
*Std OREAS-602	20	0.20	229	5	0.45	68	0.06	996
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
B00395133	0.08	7	28.9	<10	315	0.09	213	<10
B00395134	2.90	5	11.5	<10	109	0.06	58	<10
B00395135	0.39	<5	13.6	<10	86.7	0.08	49	<10
B00395136	0.74	<5	16.6	<10	280	0.16	185	<10
B00395137	0.11	<5	12.7	<10	86.3	0.09	55	<10
B00395138	0.28	<5	11.7	<10	90.0	0.11	51	<10
B00396489	0.70	<5	5.7	82	117	0.11	55	1599
*Rep B00395135	0.40	<5	14.0	<10	86.6	0.10	50	<10
*Std OREAS-602	2.25	77	4.0	<10	465	0.20	32	22
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm
B00395133	4.3	67	37.7	<0.05
B00395134	8.3	73	124	0.15
B00395135	13.8	89	231	0.12
B00395136	6.5	88	49.1	0.17
B00395137	12.6	91	210	0.06
B00395138	12.0	77	193	0.05
B00396489	7.1	312	30.5	0.29
*Rep B00395135	14.3	91	240	0.12
*Std OREAS-602	5.7	4118	82.0	38.03
*Std RTS-3A	N.A.	N.A.	N.A.	1.78

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Certificate of Analysis
Work Order : VD1900521 [Revision 1]
[Report File No.: 000022104]

Date: October 07, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 75
 Received: Aug 16, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
73	G_WGH79	Weighing of samples and reporting of weights
70	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.
 Addition of Co to report

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg	@Au	@Ag	@Al	@As	@Ba	@Be	@Bi
	G_WGH79 0.001 kg	GE_FAA515 0.005 ppm	GE_ICP40B 2 ppm	GE_ICP40B 0.01 %	GE_ICP40B 3 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 5 ppm
B00395044	2.054	<0.005	<2	7.57	15	170	0.8	<5
B00395045	2.284	<0.005	<2	8.05	12	285	1.0	<5
B00395046	2.285	<0.005	<2	7.81	15	216	0.9	<5
B00395047	2.114	<0.005	<2	8.18	9	198	0.9	<5
B00395048	2.168	<0.005	<2	8.03	8	170	0.8	<5
B00395049	2.196	<0.005	<2	8.04	10	249	0.8	<5
B00395050	0.158	<0.005	<2	6.17	<3	358	0.8	<5
B00395051	2.484	<0.005	<2	7.91	15	224	0.8	<5
B00395052	2.185	<0.005	<2	8.17	<3	224	0.8	<5
B00395053	2.347	<0.005	<2	7.08	7	138	0.7	<5
B00395054	2.275	<0.005	<2	8.05	9	236	0.9	<5
B00395055	2.223	<0.005	<2	8.11	<3	238	1.0	<5
B00395056	2.281	<0.005	<2	7.59	8	159	0.7	<5
B00395070	0.063	2.485	4	3.83	17	200	0.6	<5
B00395071	2.335	0.006	<2	8.49	11	242	0.9	<5
B00395072	2.473	<0.005	<2	7.25	5	218	0.6	<5
B00395073	2.340	<0.005	<2	7.94	8	260	0.7	<5
B00395074	2.393	<0.005	<2	8.16	8	194	0.7	<5
B00395075	2.439	<0.005	<2	7.54	6	223	0.7	<5
B00395076	2.454	<0.005	<2	7.99	5	279	0.6	<5
B00395077	2.651	<0.005	<2	7.50	4	178	0.6	<5
B00395078	2.913	<0.005	<2	7.85	150	330	0.9	<5
B00395079	2.424	<0.005	<2	7.56	4	84	<0.5	<5
B00395080	0.269	<0.005	<2	6.75	<3	371	0.9	<5
B00395081	2.355	<0.005	<2	7.49	6	31	0.7	<5
B00395082	2.465	<0.005	<2	8.80	7	47	<0.5	<5
B00395083	2.547	<0.005	<2	8.69	7	44	<0.5	<5
B00395084	2.408	<0.005	<2	8.27	6	62	0.6	<5
B00395085	2.447	<0.005	<2	9.69	<3	63	<0.5	<5
B00395086	2.441	<0.005	<2	9.42	11	27	<0.5	<5
B00395087	2.570	<0.005	<2	9.04	5	40	<0.5	<5
B00395088	2.382	<0.005	<2	9.43	5	28	<0.5	<5
B00395089	2.222	<0.005	<2	7.93	7	243	<0.5	<5
B00395090	N.A.	<0.005	<2	8.45	4	235	<0.5	<5
B00395091	2.152	<0.005	<2	7.80	13	303	0.6	<5
*Dup B00395091	N.A.	<0.005	<2	7.50	7	255	0.7	<5
B00395092	2.314	<0.005	<2	7.50	36	221	0.7	<5
B00395093	2.077	<0.005	<2	8.52	31	49	<0.5	<5
B00395094	2.641	<0.005	<2	8.11	38	49	<0.5	<5
B00395095	2.500	<0.005	<2	8.96	10	33	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395096	2.127	<0.005	<2	8.87	<3	35	0.6	<5
B00395097	2.879	<0.005	<2	8.85	<3	64	<0.5	<5
B00395098	2.568	<0.005	<2	9.03	4	39	0.7	<5
B00395099	2.728	<0.005	<2	9.21	5	128	<0.5	<5
B00395100	0.065	0.376	4	4.93	342	167	0.8	<5
B00395101	2.424	<0.005	<2	9.12	<3	143	0.5	<5
B00395102	2.490	<0.005	<2	8.25	8	174	0.7	<5
B00395103	1.919	<0.005	<2	8.49	9	318	<0.5	<5
B00395104	2.306	<0.005	<2	8.96	6	67	<0.5	<5
B00395105	2.265	<0.005	<2	8.29	15	237	<0.5	<5
B00395106	2.750	<0.005	<2	8.46	8	127	<0.5	<5
B00395107	2.487	<0.005	<2	8.94	8	85	<0.5	<5
B00395108	2.466	<0.005	<2	8.56	10	91	<0.5	<5
B00395109	2.401	<0.005	<2	7.84	15	56	<0.5	<5
B00395110	0.259	<0.005	<2	6.62	<3	384	0.9	<5
B00395111	3.186	0.024	<2	7.75	46	204	<0.5	<5
B00395112	2.740	<0.005	<2	9.00	18	176	<0.5	<5
B00395113	2.572	0.095	<2	8.45	67	109	<0.5	<5
B00395114	1.682	<0.005	<2	8.84	23	47	<0.5	<5
B00395115	2.129	<0.005	<2	7.40	37	202	<0.5	<5
B00395116	2.273	<0.005	<2	8.34	21	182	<0.5	<5
B00395117	1.502	<0.005	<2	9.38	20	236	<0.5	<5
B00395118	2.403	0.014	<2	8.08	26	186	<0.5	<5
B00395119	2.301	<0.005	<2	8.58	43	421	0.6	<5
B00395120	N.A.	<0.005	<2	8.77	43	394	0.5	<5
B00395121	2.109	<0.005	<2	7.62	20	581	0.5	<5
B00395122	2.751	<0.005	<2	8.63	25	575	0.6	<5
B00395123	2.113	0.024	<2	7.93	41	438	0.7	<5
B00395124	1.739	0.015	<2	8.13	50	367	0.9	<5
B00395125	2.645	0.107	<2	5.98	40	390	0.6	<5
B00395126	2.425	0.022	<2	6.23	98	481	0.7	<5
B00395127	2.331	0.018	<2	6.74	83	549	0.9	<5
B00395128	1.861	0.007	<2	6.83	103	604	0.9	<5
B00395129	2.265	0.250	<2	8.51	1367	661	1.1	<5
B00395130	0.064	1.007	<2	6.44	9	70	0.6	<5
B00395131	2.374	0.009	<2	8.18	75	962	0.7	<5
*Rep B00395082		<0.005						
*Rep B00395119		<0.005						
*Std OXG141		0.926						
*Std OREAS-221		1.041						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-222	1.215						
*Blk BLANK	<0.005						
*Rep B00395044		<2	7.10	10	172	0.8	<5
*Rep B00395095		<2	8.91	9	33	<0.5	<5
*Std OREAS-602		>100	4.46	628	141	0.7	52
*Std RTS-3A		13	4.97	20	109	<0.5	29
*Std OREAS-602		>100	4.55	656	132	0.7	54
*Std RTS-3A		12	5.04	27	111	<0.5	29
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00395044	4.44	<1	6	14	55.0	3.65	1.02	8.3
B00395045	2.89	<1	8	5	57.9	4.33	1.52	11.1
B00395046	4.01	<1	11	26	61.4	4.56	1.12	8.8
B00395047	4.22	<1	14	4	30.1	5.77	1.32	9.3
B00395048	3.24	<1	7	8	49.6	3.59	0.95	10.0
B00395049	3.16	<1	7	4	73.0	3.25	1.74	10.2
B00395050	1.63	<1	3	29	7.1	1.64	1.24	7.1
B00395051	5.16	<1	12	4	44.4	5.31	1.60	9.8
B00395052	3.83	<1	7	2	67.2	5.16	1.59	11.0
B00395053	2.12	<1	4	4	74.0	3.52	0.72	11.0
B00395054	3.41	<1	7	4	73.0	4.96	1.29	12.1
B00395055	2.62	<1	5	4	78.0	3.92	1.41	13.6
B00395056	3.40	<1	8	5	66.5	4.77	0.93	10.3
B00395070	10.8	<1	5	11	79.3	1.87	1.69	8.1
B00395071	4.07	<1	14	22	52.7	4.88	1.08	8.6
B00395072	4.69	<1	13	76	67.1	5.28	0.91	6.9
B00395073	4.42	<1	15	123	74.3	5.96	1.00	9.5
B00395074	4.66	<1	17	103	46.7	6.28	0.76	9.5
B00395075	4.62	<1	22	159	59.8	5.85	0.90	8.1
B00395076	3.76	<1	16	41	65.3	6.24	1.06	6.0
B00395077	3.46	<1	21	23	59.6	7.34	0.67	5.5
B00395078	4.79	<1	14	29	55.8	5.99	1.49	15.5
B00395079	6.82	<1	32	168	106	7.39	0.29	4.9
B00395080	1.76	<1	4	28	8.0	1.67	1.35	8.2
B00395081	5.41	<1	25	33	124	9.75	0.07	12.9
B00395082	6.77	<1	28	62	109	7.82	0.08	4.5
B00395083	6.44	<1	23	19	142	8.91	0.13	7.1
B00395084	7.32	<1	24	13	110	8.45	0.22	5.1
B00395085	6.95	<1	25	16	127	9.46	0.04	4.9
B00395086	7.49	<1	34	110	103	9.05	0.04	3.6
B00395087	7.90	<1	33	88	114	8.18	0.07	3.6
B00395088	6.30	<1	35	87	121	9.83	0.06	4.5
B00395089	6.66	<1	27	71	79.5	7.40	1.08	5.8
B00395090	6.19	<1	28	69	109	7.80	1.03	5.5
B00395091	6.21	<1	23	53	61.0	7.80	1.24	9.0
*Dup B00395091	5.62	<1	17	38	49.4	7.16	1.00	13.3
B00395092	5.84	<1	25	54	77.5	7.59	1.04	10.1
B00395093	6.36	<1	31	70	121	8.49	0.10	6.7
B00395094	8.07	<1	31	90	123	8.43	0.12	9.1
B00395095	7.25	<1	21	19	83.0	7.74	0.04	9.8

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395096	6.89	<1	21	38	63.5	8.16	0.05	10.0
B00395097	7.98	<1	33	131	96.6	8.31	0.18	6.5
B00395098	8.03	<1	21	26	38.9	7.42	0.05	10.0
B00395099	5.63	<1	35	136	80.4	9.20	0.45	6.8
B00395100	3.93	<1	327	36	6036	>15.0	3.22	120
B00395101	4.63	<1	12	2	15.6	8.61	0.44	11.7
B00395102	6.67	<1	24	30	56.3	8.60	0.61	8.5
B00395103	5.28	<1	20	27	99.6	8.07	1.42	8.2
B00395104	6.14	<1	28	5	106	10.6	0.23	8.5
B00395105	8.45	<1	25	38	196	8.69	1.12	7.4
B00395106	7.67	<1	32	62	83.0	7.86	0.50	4.2
B00395107	7.16	<1	34	59	82.3	8.30	0.29	4.1
B00395108	6.41	<1	32	64	91.7	8.80	0.29	4.5
B00395109	6.73	<1	33	102	141	7.86	0.18	2.8
B00395110	1.73	<1	4	29	7.9	1.65	1.32	8.2
B00395111	8.49	<1	23	28	102	8.16	0.40	8.3
B00395112	6.14	<1	32	84	101	8.37	0.53	4.8
B00395113	7.33	<1	25	37	83.5	7.68	0.35	3.4
B00395114	5.30	<1	27	37	112	8.94	0.11	5.2
B00395115	11.0	<1	27	44	76.4	7.19	0.61	3.1
B00395116	8.97	<1	23	44	22.8	7.20	0.58	3.3
B00395117	4.17	<1	31	69	60.2	9.10	0.92	4.2
B00395118	7.07	<1	37	65	164	9.59	0.66	4.7
B00395119	4.92	<1	36	62	116	8.80	1.57	4.3
B00395120	5.89	<1	34	46	77.9	8.86	1.51	4.1
B00395121	6.84	<1	22	21	58.9	7.03	2.20	5.6
B00395122	6.16	<1	28	16	74.3	8.27	2.36	8.7
B00395123	7.52	<1	24	10	67.8	7.56	1.88	10.7
B00395124	5.59	<1	20	3	55.8	8.31	1.79	14.1
B00395125	6.75	<1	12	11	51.1	6.93	2.03	8.0
B00395126	7.63	<1	26	102	119	6.63	2.43	4.8
B00395127	6.70	<1	23	76	64.7	6.97	2.83	8.7
B00395128	5.62	<1	31	139	30.0	8.10	3.29	3.6
B00395129	4.98	<1	22	61	99.3	7.18	2.62	7.5
B00395130	3.64	<1	3	31	4849	>15.0	2.67	8.7
B00395131	4.88	<1	25	85	71.4	6.81	2.72	4.5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395044	4.26	<1	7	15	54.0	3.44	0.96	8.6
*Rep B00395095	7.25	<1	20	18	80.9	7.69	0.05	9.7
*Std OREAS-602	0.63	26	8	25	5130	2.16	0.70	14.6
*Std RTS-3A	2.03	10	124	149	2301	>15.0	0.48	10.0
*Std OREAS-602	0.64	28	9	33	5215	2.21	0.72	15.4
*Std RTS-3A	2.06	10	126	151	2320	>15.0	0.47	10.0
*Bik BLANK	<0.01	<1	<1	<1	0.6	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395044	6	0.71	742	1	2.04	5	0.06	<2
B00395045	6	0.52	659	<1	2.01	3	0.07	4
B00395046	11	1.17	891	1	1.67	9	0.06	<2
B00395047	13	1.23	1130	1	1.71	2	0.08	2
B00395048	7	0.64	698	<1	2.86	4	0.07	<2
B00395049	6	0.43	700	<1	2.40	4	0.08	<2
B00395050	7	0.50	272	<1	2.61	18	0.02	3
B00395051	11	0.98	1276	<1	1.53	4	0.09	<2
B00395052	9	0.82	1095	<1	1.79	1	0.09	<2
B00395053	5	0.30	667	<1	3.49	1	0.09	<2
B00395054	9	0.76	994	1	2.30	1	0.08	3
B00395055	6	0.36	791	<1	2.55	1	0.09	<2
B00395056	8	0.74	944	<1	2.67	2	0.09	3
B00395070	44	0.63	588	3	0.59	9	0.05	8
B00395071	12	1.09	945	<1	2.08	12	0.05	3
B00395072	9	1.32	1130	1	1.87	27	0.06	4
B00395073	11	1.87	1263	<1	2.39	33	0.07	3
B00395074	12	2.32	1255	<1	2.29	35	0.07	<2
B00395075	15	2.51	1136	<1	1.81	49	0.06	2
B00395076	13	2.45	1123	<1	1.76	22	0.06	<2
B00395077	18	2.76	1269	<1	1.58	16	0.07	<2
B00395078	20	1.56	1269	<1	1.98	13	0.08	2
B00395079	31	4.46	1418	<1	1.86	58	0.05	5
B00395080	8	0.56	278	<1	2.87	19	0.02	3
B00395081	25	2.60	1635	<1	2.08	22	0.12	3
B00395082	24	3.03	1432	<1	2.36	29	0.07	<2
B00395083	22	1.97	1677	<1	2.43	13	0.08	<2
B00395084	22	1.90	1548	<1	2.64	11	0.08	<2
B00395085	18	2.21	1647	<1	2.07	11	0.08	<2
B00395086	23	3.41	1503	<1	1.74	35	0.05	<2
B00395087	20	3.01	1478	<1	2.12	40	0.05	<2
B00395088	24	2.97	1811	<1	1.90	42	0.06	<2
B00395089	28	2.97	1506	<1	1.48	26	0.07	<2
B00395090	29	2.99	1440	<1	1.73	27	0.07	<2
B00395091	26	2.48	1596	<1	1.50	20	0.08	<2
*Dup B00395091	22	2.06	1481	<1	1.88	14	0.11	<2
B00395092	26	2.70	1409	<1	1.50	20	0.10	<2
B00395093	30	3.73	1554	<1	2.46	30	0.09	<2
B00395094	21	3.07	1369	<1	1.82	29	0.10	2
B00395095	16	2.24	1393	<1	2.78	7	0.09	<2

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395096	15	2.41	1553	<1	2.17	12	0.10	<2
B00395097	16	3.67	1498	<1	1.77	40	0.08	<2
B00395098	14	2.12	1432	<1	3.14	8	0.10	<2
B00395099	24	3.96	1692	<1	1.81	46	0.09	<2
B00395100	17	1.17	3080	145	0.95	70	0.08	22
B00395101	17	1.69	1853	<1	3.14	<1	0.13	<2
B00395102	22	2.59	1728	<1	2.21	16	0.09	<2
B00395103	24	2.25	1268	1	1.15	9	0.08	<2
B00395104	32	2.51	1658	<1	1.88	13	0.10	2
B00395105	36	3.03	1405	<1	1.82	21	0.08	<2
B00395106	35	3.38	1438	<1	2.13	31	0.05	<2
B00395107	34	3.35	1372	<1	1.90	27	0.05	5
B00395108	32	4.13	1427	<1	1.91	24	0.06	<2
B00395109	31	4.13	1462	<1	1.95	35	0.04	<2
B00395110	8	0.55	277	<1	2.71	19	0.02	3
B00395111	28	2.48	1393	1	2.99	13	0.10	5
B00395112	30	3.61	1462	<1	3.04	32	0.06	<2
B00395113	35	2.91	1359	<1	3.56	18	0.07	3
B00395114	26	2.86	1530	<1	3.50	17	0.07	<2
B00395115	37	3.28	1428	<1	2.10	27	0.06	<2
B00395116	33	3.35	1322	<1	2.62	24	0.05	<2
B00395117	41	4.20	1297	<1	2.51	33	0.08	<2
B00395118	36	3.65	1493	<1	1.90	37	0.07	6
B00395119	43	4.51	1355	<1	1.36	37	0.07	<2
B00395120	41	4.21	1315	<1	1.43	28	0.07	3
B00395121	33	2.79	1101	<1	0.47	16	0.07	<2
B00395122	42	3.06	1171	<1	0.62	19	0.07	<2
B00395123	35	2.34	1452	<1	1.61	11	0.09	4
B00395124	32	1.66	1432	<1	1.83	2	0.13	2
B00395125	10	1.89	1725	<1	0.97	2	0.09	5
B00395126	12	3.25	1380	<1	0.70	36	0.05	4
B00395127	4	2.91	1487	<1	1.06	24	0.08	<2
B00395128	8	3.96	1842	<1	0.38	49	0.05	3
B00395129	4	2.30	1397	1	2.76	19	0.08	3
B00395130	118	0.81	3101	199	0.67	14	0.47	15
B00395131	7	3.73	1354	<1	2.18	36	0.05	<2

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00395044	6	0.66	698	1	1.93	5	0.06	<2
*Rep B00395095	16	2.24	1374	<1	2.77	6	0.10	<2
*Std OREAS-602	20	0.20	227	5	0.43	58	0.05	999
*Std RTS-3A	14	2.41	1448	3	0.65	60	0.04	230
*Std OREAS-602	21	0.20	231	5	0.44	61	0.06	1054
*Std RTS-3A	14	2.45	1449	3	0.65	61	0.04	233
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395044	0.58	6	14.8	<10	210	0.26	59	<10
B00395045	1.23	<5	13.9	<10	217	0.25	47	<10
B00395046	0.30	8	21.7	<10	212	0.24	110	<10
B00395047	0.22	<5	18.6	<10	162	0.10	118	<10
B00395048	0.46	<5	16.0	<10	184	0.13	50	<10
B00395049	0.14	<5	18.5	<10	129	0.08	38	<10
B00395050	<0.01	<5	5.2	<10	336	0.13	36	<10
B00395051	0.15	<5	20.4	<10	144	0.10	86	<10
B00395052	0.08	<5	20.1	<10	126	0.10	54	<10
B00395053	0.11	<5	14.3	<10	112	0.09	16	<10
B00395054	0.09	<5	17.7	<10	127	0.09	50	<10
B00395055	0.04	<5	17.7	<10	132	0.13	22	<10
B00395056	0.11	<5	16.8	<10	134	0.07	52	<10
B00395070	0.65	<5	6.4	<10	232	0.16	60	<10
B00395071	0.70	<5	22.9	<10	174	0.13	134	<10
B00395072	0.02	<5	22.1	<10	145	0.13	148	<10
B00395073	0.02	<5	24.0	<10	156	0.13	169	<10
B00395074	0.01	<5	24.9	<10	163	0.18	158	<10
B00395075	0.05	<5	29.0	<10	145	0.11	195	<10
B00395076	0.15	<5	25.7	<10	129	0.16	189	<10
B00395077	0.02	<5	31.0	<10	114	0.11	249	<10
B00395078	0.24	<5	16.7	<10	157	0.30	99	<10
B00395079	0.05	<5	32.8	<10	170	0.44	252	<10
B00395080	<0.01	<5	5.4	<10	364	0.14	37	<10
B00395081	0.09	<5	26.5	<10	190	0.89	222	<10
B00395082	0.02	<5	34.7	<10	371	0.75	304	<10
B00395083	0.03	<5	28.5	<10	326	0.76	253	<10
B00395084	0.04	<5	28.9	<10	259	0.83	300	<10
B00395085	0.10	<5	32.0	<10	558	0.85	315	<10
B00395086	0.03	<5	39.1	<10	361	0.69	339	<10
B00395087	0.06	<5	36.0	<10	365	0.70	331	<10
B00395088	0.04	<5	35.2	<10	344	0.75	355	<10
B00395089	0.08	<5	28.8	<10	157	0.57	217	<10
B00395090	0.08	<5	29.8	<10	162	0.62	228	<10
B00395091	0.18	<5	26.5	<10	95.3	0.60	171	<10
*Dup B00395091	0.21	<5	22.6	<10	109	0.56	135	<10
B00395092	0.30	<5	27.6	<10	113	0.61	174	<10
B00395093	0.08	<5	35.2	<10	162	0.74	283	<10
B00395094	0.20	<5	31.3	<10	305	0.82	262	<10
B00395095	0.15	<5	18.1	<10	366	0.72	143	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00395096	0.04	<5	19.3	<10	403	0.69	144	<10
B00395097	0.01	<5	36.3	<10	372	0.73	299	<10
B00395098	0.09	<5	17.8	<10	303	0.68	124	<10
B00395099	0.02	<5	35.1	<10	275	0.71	283	<10
B00395100	1.86	<5	13.2	<10	139	0.32	214	87
B00395101	0.07	<5	16.7	<10	266	0.72	60	<10
B00395102	0.05	<5	26.6	<10	182	0.80	195	<10
B00395103	0.04	<5	21.3	<10	204	0.83	230	<10
B00395104	0.10	<5	26.4	<10	323	1.04	324	<10
B00395105	0.24	<5	27.4	<10	118	0.73	213	<10
B00395106	0.03	<5	33.4	<10	177	0.56	253	<10
B00395107	0.02	<5	35.0	<10	233	0.57	272	<10
B00395108	0.07	<5	39.0	<10	206	0.64	298	<10
B00395109	0.06	<5	36.7	<10	215	0.44	250	<10
B00395110	<0.01	<5	5.7	<10	360	0.14	39	<10
B00395111	0.43	<5	26.3	<10	181	0.73	245	<10
B00395112	0.03	<5	36.5	<10	149	0.58	272	<10
B00395113	0.43	<5	29.2	<10	308	0.59	211	<10
B00395114	0.03	<5	33.5	<10	122	0.66	289	<10
B00395115	0.11	<5	30.8	<10	748	0.51	230	<10
B00395116	0.06	<5	27.4	<10	393	0.48	212	<10
B00395117	0.04	<5	37.8	<10	97.2	0.68	307	<10
B00395118	0.42	<5	38.3	<10	344	0.71	299	<10
B00395119	0.10	<5	34.6	<10	241	0.62	278	<10
B00395120	0.20	<5	32.3	<10	310	0.60	257	<10
B00395121	0.06	<5	23.7	<10	188	0.42	209	<10
B00395122	0.06	<5	28.3	<10	117	0.29	233	<10
B00395123	0.13	<5	21.8	<10	285	0.34	164	<10
B00395124	0.14	<5	22.5	<10	127	0.58	126	<10
B00395125	0.25	<5	13.9	<10	232	0.27	73	<10
B00395126	0.24	<5	25.7	<10	368	0.19	182	<10
B00395127	0.25	<5	26.3	<10	318	0.22	190	<10
B00395128	0.08	<5	28.3	<10	328	0.16	214	<10
B00395129	0.36	5	24.7	<10	307	0.31	228	<10
B00395130	0.69	<5	6.1	85	109	0.12	53	1206
B00395131	0.07	17	28.7	<10	338	0.13	208	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395044	0.62	7	15.1	<10	200	0.25	60	<10
*Rep B00395095	0.15	<5	17.8	<10	364	0.72	144	<10
*Std OREAS-602	2.14	80	3.9	<10	444	0.20	32	14
*Std RTS-3A	>5.00	<5	15.0	38	41.8	0.29	113	17
*Std OREAS-602	2.25	85	4.1	<10	457	0.20	34	18
*Std RTS-3A	>5.00	<5	15.3	38	42.7	0.29	115	16
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395044	19.1	55	94.5	<0.05
B00395045	23.8	62	121	<0.05
B00395046	21.3	84	97.1	<0.05
B00395047	19.3	99	97.8	<0.05
B00395048	20.7	58	120	<0.05
B00395049	17.1	58	137	<0.05
B00395050	5.3	18	40.7	<0.05
B00395051	15.9	107	115	<0.05
B00395052	14.8	79	124	<0.05
B00395053	13.4	68	133	0.05
B00395054	11.6	76	144	<0.05
B00395055	14.2	75	160	<0.05
B00395056	11.4	70	126	0.06
B00395070	6.4	35	43.9	1.92
B00395071	9.2	70	113	<0.05
B00395072	7.7	65	109	0.06
B00395073	9.0	74	126	<0.05
B00395074	8.9	79	122	<0.05
B00395075	7.6	83	107	<0.05
B00395076	6.9	79	85.2	<0.05
B00395077	5.9	91	76.6	<0.05
B00395078	16.4	271	156	0.06
B00395079	12.0	82	34.8	<0.05
B00395080	5.5	20	38.4	<0.05
B00395081	32.0	117	125	<0.05
B00395082	14.6	87	22.2	0.05
B00395083	19.1	102	37.5	<0.05
B00395084	15.3	106	28.4	<0.05
B00395085	15.3	92	18.8	<0.05
B00395086	13.6	90	19.0	<0.05
B00395087	13.2	91	17.7	<0.05
B00395088	14.5	97	28.0	<0.05
B00395089	15.0	82	47.0	<0.05
B00395090	15.2	85	47.3	<0.05
B00395091	20.8	86	99.3	<0.05
*Dup B00395091	24.4	90	124	<0.05
B00395092	21.7	87	95.5	<0.05
B00395093	15.6	93	55.0	0.07
B00395094	18.4	91	76.1	<0.05
B00395095	24.6	86	67.6	0.06

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395096	23.9	95	68.8	<0.05
B00395097	13.5	85	37.4	0.05
B00395098	24.7	74	65.0	<0.05
B00395099	14.8	97	43.4	<0.05
B00395100	18.2	20	124	0.54
B00395101	27.4	125	101	<0.05
B00395102	20.8	104	74.6	<0.05
B00395103	21.0	88	74.7	<0.05
B00395104	21.1	108	63.9	<0.05
B00395105	19.1	85	71.2	<0.05
B00395106	13.1	81	26.7	<0.05
B00395107	12.6	81	20.7	<0.05
B00395108	15.0	81	23.1	0.06
B00395109	10.7	77	15.3	0.05
B00395110	5.9	19	41.8	<0.05
B00395111	19.5	86	93.3	<0.05
B00395112	14.0	90	28.5	<0.05
B00395113	15.7	88	45.7	<0.05
B00395114	16.2	105	27.1	<0.05
B00395115	14.3	68	29.1	<0.05
B00395116	11.6	69	25.2	0.07
B00395117	15.7	85	35.8	<0.05
B00395118	17.4	88	53.8	0.18
B00395119	13.8	96	44.7	0.06
B00395120	15.0	86	49.3	0.06
B00395121	13.0	77	47.3	<0.05
B00395122	10.0	109	59.4	0.05
B00395123	13.1	131	84.5	<0.05
B00395124	15.3	133	104	<0.05
B00395125	9.9	82	64.1	<0.05
B00395126	7.9	81	36.2	0.05
B00395127	9.8	78	76.5	<0.05
B00395128	5.6	89	25.1	<0.05
B00395129	7.8	81	64.6	0.15
B00395130	7.5	313	33.8	0.20
B00395131	5.2	58	33.0	<0.05

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm
*Rep B00395044	19.3	53	95.8	<0.05
*Rep B00395095	24.4	85	66.4	<0.05
*Std OREAS-602	5.5	4108	77.0	36.59
*Std RTS-3A	11.9	2770	67.8	N.A.
*Std OREAS-602	5.9	4169	83.1	36.05
*Std RTS-3A	12.0	2717	70.1	N.A.
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Std RTS-3A				2.04
*Std OREAS-903				<0.05
*Std RTS-3A				2.05

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Certificate of Analysis
Work Order : VD1900522
[Report File No.: 000021812]

Date: September 20, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 29
Received: Aug 16, 2019
Pages: Page 1 to 6
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
29	SHIP	Shipping
28	G_WGH79	Weighing of samples and reporting of weights
27	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
29	GE_FAA515	@Au, FAS, AAS, 50g-5ml
29	GE_ICP40B	@ICP-OES after Multi-Acid Digest
29	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Assays not suitable for commercial exchange.

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395132	2.878	<0.005	<2	7.31	97	1610	0.8	<5
B00395139	2.300	0.177	<2	6.69	78	721	1.1	<5
B00395140	0.224	<0.005	<2	6.66	<3	362	0.8	<5
B00395141	1.950	0.024	<2	7.45	54	739	1.5	<5
B00395142	2.327	<0.005	<2	7.22	16	603	1.2	<5
B00395143	1.793	0.346	<2	7.18	74	877	1.8	<5
B00395144	1.544	<0.005	<2	7.08	24	864	1.3	<5
B00395145	1.910	0.030	<2	6.31	16	967	1.4	<5
B00395146	1.941	0.087	<2	6.92	27	958	1.0	<5
B00395147	1.749	<0.005	<2	6.59	7	1346	1.5	<5
B00395148	1.934	<0.005	<2	7.64	13	735	1.6	<5
B00395149	1.933	<0.005	<2	6.81	<3	581	1.6	<5
B00395150	N.A.	<0.005	<2	6.52	6	485	1.4	<5
B00395151	1.792	<0.005	<2	7.70	18	697	1.9	<5
B00395152	1.994	<0.005	<2	7.04	10	647	1.7	<5
B00395153	1.241	<0.005	<2	7.89	10	719	1.9	<5
B00395154	1.628	<0.005	<2	7.50	10	637	1.8	<5
B00395155	1.573	<0.005	<2	7.89	10	693	2.0	<5
B00395156	1.536	<0.005	<2	7.10	11	561	1.8	<5
B00395157	0.704	<0.005	<2	9.00	21	848	2.3	<5
B00395158	1.690	0.020	<2	6.72	36	483	1.6	<5
B00395159	1.661	0.007	<2	7.48	14	613	2.0	<5
B00395160	0.062	0.359	4	4.87	346	507	0.7	<5
B00395161	0.994	<0.005	<2	8.81	19	619	1.8	<5
B00395162	1.927	<0.005	<2	8.05	15	697	1.9	<5
B00395163	1.914	<0.005	<2	9.15	14	956	2.5	<5
B00395164	1.494	<0.005	<2	6.74	16	474	1.6	<5
B00395165	1.828	<0.005	<2	8.72	11	886	2.3	<5
B00395166	1.815	<0.005	<2	8.38	14	905	2.3	<5
*Rep B00395158		0.019						
*Std OREAS-235		1.556						
*Std OREAS-501C		0.218						
*Rep B00395145			<2	6.40	13	909	1.4	<5
*Std OREAS-602			>100	4.45	675	427	0.7	54
*Std RTS-3A			12	4.85	24	101	<0.5	32

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00395132	4.83	<1	24	159	70.7	6.51	3.49	3.7
B00395139	1.78	<1	5	21	32.2	4.25	2.25	36.8
B00395140	1.78	<1	3	27	8.3	1.81	1.27	8.0
B00395141	1.48	<1	6	23	28.8	5.21	2.70	36.7
B00395142	0.99	<1	4	25	11.6	3.57	1.86	38.2
B00395143	0.72	<1	1	21	12.8	3.77	2.60	47.6
B00395144	2.94	<1	10	29	105	5.20	2.09	42.1
B00395145	0.58	<1	<1	14	21.4	2.45	2.32	51.0
B00395146	1.85	<1	2	18	20.4	3.60	2.05	52.9
B00395147	0.98	<1	<1	14	162	3.52	2.89	80.6
B00395148	2.22	<1	4	22	40.7	4.09	2.16	40.6
B00395149	1.98	<1	5	14	30.0	4.71	1.72	39.2
B00395150	1.28	<1	3	11	29.8	3.93	1.59	43.9
B00395151	0.50	<1	8	50	25.6	4.00	2.82	41.0
B00395152	0.41	<1	7	53	19.3	3.59	2.35	40.7
B00395153	0.34	<1	9	59	25.1	4.76	2.86	41.9
B00395154	0.44	<1	7	69	26.6	4.21	2.60	41.9
B00395155	0.46	<1	8	56	22.8	3.99	2.74	41.6
B00395156	0.49	<1	7	48	20.9	3.64	2.32	41.8
B00395157	0.21	<1	10	66	28.8	5.02	3.63	45.7
B00395158	0.16	<1	7	43	20.6	3.41	2.35	36.4
B00395159	0.21	<1	8	64	36.2	4.18	2.94	39.2
B00395160	3.89	<1	302	28	6139	>15.0	3.09	130
B00395161	0.49	<1	10	47	21.9	5.29	2.86	31.8
B00395162	0.40	<1	9	54	26.8	4.23	2.94	39.3
B00395163	0.22	<1	9	80	27.5	5.03	3.70	47.8
B00395164	0.24	<1	7	47	16.3	3.14	1.95	39.0
B00395165	0.12	<1	8	68	30.6	4.78	3.45	49.4
B00395166	0.14	<1	8	71	20.3	4.76	3.22	51.0
*Rep B00395145	0.59	<1	<1	13	23.4	2.47	2.36	48.8
*Std OREAS-602	0.63	26	8	27	5097	2.18	0.68	15.0
*Std RTS-3A	1.97	9	117	140	2282	>15.0	0.46	9.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395132	7	4.02	1251	<1	0.22	57	0.05	<2
B00395139	7	0.79	929	4	2.69	7	0.05	14
B00395140	8	0.56	270	<1	3.06	18	0.02	2
B00395141	16	0.97	849	2	2.33	9	0.06	11
B00395142	7	0.71	769	<1	3.61	8	0.05	6
B00395143	10	0.53	572	2	2.80	6	0.03	13
B00395144	20	1.39	1049	1	2.79	14	0.04	98
B00395145	5	0.32	422	2	2.77	4	0.02	9
B00395146	7	0.63	636	125	3.60	5	0.03	18
B00395147	14	0.58	602	2	2.40	4	0.03	104
B00395148	22	0.84	859	1	2.74	9	0.05	33
B00395149	18	0.75	847	1	2.58	5	0.07	25
B00395150	16	0.64	676	1	2.88	4	0.06	25
B00395151	22	0.82	462	1	1.15	25	0.05	19
B00395152	23	0.76	381	<1	1.34	21	0.05	18
B00395153	33	0.97	379	1	1.28	27	0.05	14
B00395154	30	0.86	385	<1	1.17	24	0.05	41
B00395155	28	0.84	349	3	1.30	26	0.05	23
B00395156	26	0.77	375	<1	1.35	24	0.05	19
B00395157	36	0.98	341	<1	0.95	32	0.06	18
B00395158	13	0.57	347	1	1.39	23	0.04	21
B00395159	30	0.82	324	1	0.89	27	0.05	14
B00395160	17	1.18	2943	131	1.00	66	0.08	19
B00395161	41	1.03	438	<1	1.78	20	0.06	24
B00395162	30	0.85	339	1	1.04	26	0.04	12
B00395163	39	1.03	240	1	0.93	32	0.05	12
B00395164	23	0.63	206	<1	1.73	22	0.05	12
B00395165	35	0.99	221	<1	1.02	31	0.06	19
B00395166	33	0.91	269	1	1.20	27	0.06	24
*Rep B00395145	5	0.32	427	2	2.81	3	0.02	10
*Std OREAS-602	20	0.20	216	5	0.45	58	0.06	991
*Std RTS-3A	15	2.39	1348	2	0.67	58	0.05	215

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395132	0.06	8	28.2	<10	297	0.10	199	<10
B00395139	0.34	<5	14.9	<10	121	0.16	72	<10
B00395140	<0.01	<5	5.3	<10	379	0.14	37	<10
B00395141	0.22	<5	17.4	<10	101	0.22	86	<10
B00395142	0.05	<5	11.2	<10	100	0.11	49	<10
B00395143	0.55	<5	12.5	<10	71.2	0.14	30	<10
B00395144	0.08	<5	19.9	<10	131	0.21	106	<10
B00395145	0.10	<5	11.8	<10	50.7	0.10	24	<10
B00395146	0.20	<5	14.2	<10	119	0.15	44	<10
B00395147	0.10	<5	16.0	<10	78.9	0.18	24	<10
B00395148	0.02	<5	14.8	<10	84.7	0.27	60	<10
B00395149	0.22	<5	15.6	<10	66.4	0.35	44	<10
B00395150	0.20	<5	14.3	<10	58.0	0.28	36	<10
B00395151	0.08	<5	11.6	<10	89.7	0.19	75	<10
B00395152	0.06	<5	10.0	<10	97.2	0.18	66	<10
B00395153	0.08	<5	12.9	<10	81.8	0.19	83	<10
B00395154	0.06	<5	11.5	<10	96.7	0.20	73	<10
B00395155	0.08	<5	12.3	<10	93.3	0.21	80	<10
B00395156	0.07	<5	10.4	<10	96.1	0.19	67	<10
B00395157	0.13	<5	16.3	<10	73.6	0.22	104	<10
B00395158	0.41	<5	9.6	<10	73.3	0.19	62	<10
B00395159	0.10	<5	12.7	<10	64.0	0.21	84	<10
B00395160	1.85	<5	12.2	<10	151	0.32	193	80
B00395161	0.08	<5	13.3	<10	144	0.32	95	<10
B00395162	0.15	<5	12.8	<10	83.8	0.24	84	<10
B00395163	0.17	<5	16.9	<10	64.0	0.22	112	<10
B00395164	0.04	<5	9.2	<10	96.4	0.17	60	<10
B00395165	0.08	<5	15.5	<10	58.5	0.24	101	<10
B00395166	0.06	<5	13.7	<10	90.9	0.23	92	<10
*Rep B00395145	0.10	<5	11.5	<10	51.1	0.11	24	<10
*Std OREAS-602	2.24	62	3.9	<10	439	0.20	31	16
*Std RTS-3A	>5.00	<5	14.1	39	41.8	0.28	104	21

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395132	4.4	64	31.9	<0.05
B00395139	11.2	87	186	<0.05
B00395140	5.4	20	40.8	<0.05
B00395141	15.5	87	194	<0.05
B00395142	11.8	49	170	<0.05
B00395143	16.8	60	257	<0.05
B00395144	12.6	257	153	0.05
B00395145	14.5	61	233	<0.05
B00395146	13.7	104	228	<0.05
B00395147	17.1	272	277	<0.05
B00395148	30.8	78	241	<0.05
B00395149	32.9	86	249	<0.05
B00395150	31.4	83	257	0.21
B00395151	9.0	78	163	0.07
B00395152	8.8	68	182	0.06
B00395153	9.2	88	156	<0.05
B00395154	9.2	86	151	<0.05
B00395155	9.9	79	170	<0.05
B00395156	10.2	70	206	0.07
B00395157	13.4	101	133	<0.05
B00395158	8.9	66	142	0.08
B00395159	9.3	77	132	<0.05
B00395160	16.8	21	114	0.52
B00395161	11.9	94	136	<0.05
B00395162	10.4	75	150	<0.05
B00395163	10.5	96	125	<0.05
B00395164	10.0	65	201	<0.05
B00395165	10.1	92	146	0.06
B00395166	9.5	77	180	<0.05
*Rep B00395145	14.2	63	221	<0.05
*Std OREAS-602	5.5	4150	79.2	36.72
*Std RTS-3A	11.4	2732	68.0	1.86

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Certificate of Analysis
Work Order : VD1900559
[Report File No.: 000022190]

Date: October 11, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 65
Received: Sep 3, 2019
Pages: Page 1 to 12
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
65	SHIP	Shipping
63	G_WGH79	Weighing of samples and reporting of weights
65	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
65	GE_FAA515	@Au, FAS, AAS, 50g-5ml
65	GE_ICP40B	@ICP-OES after Multi-Acid Digest
65	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395450	0.131	1.140	46	4.06	105	73	0.7	<5
B00395451	2.087	0.016	<2	5.66	177	154	0.8	<5
B00395452	2.076	0.017	<2	8.78	18	555	2.2	<5
B00395453	1.913	0.179	<2	11.3	14	870	3.4	<5
B00395454	2.049	0.234	<2	4.95	50	236	1.2	<5
B00395455	2.119	1.365	<2	2.85	200	72	0.6	<5
B00395456	2.016	0.076	<2	1.75	212	32	<0.5	<5
B00395457	1.464	0.320	<2	0.22	99	6	<0.5	<5
B00395458	1.768	0.043	<2	0.13	33	4	<0.5	<5
B00395459	N.A.	0.006	<2	0.10	6	6	<0.5	<5
B00395460	1.844	0.021	<2	0.21	23	8	<0.5	<5
B00395461	1.901	0.055	<2	0.14	32	5	<0.5	<5
B00395462	2.060	0.040	<2	0.40	14	13	<0.5	<5
B00395463	1.397	0.060	<2	0.37	16	12	<0.5	<5
B00395464	1.642	0.074	3	1.33	146	52	<0.5	5
B00395465	3.446	0.065	<2	4.61	418	118	1.1	<5
B00395466	2.641	0.907	<2	5.74	67	187	1.5	<5
B00395467	1.976	0.028	<2	6.26	59	356	2.4	<5
B00395468	1.649	0.018	<2	6.58	53	406	2.5	<5
B00395469	1.944	0.005	<2	6.93	55	558	2.5	<5
B00395470	0.202	<0.005	<2	6.01	<3	341	1.0	<5
B00395471	1.613	0.038	<2	7.45	14	564	2.4	<5
B00395472	2.317	0.010	<2	7.40	21	571	2.9	<5
B00395473	2.154	0.072	<2	6.72	18	505	2.4	<5
B00395474	2.033	0.039	<2	6.89	38	492	2.2	<5
B00395475	2.354	0.117	<2	6.04	12	431	2.3	<5
B00395476	1.989	0.515	<2	6.47	41	404	2.4	<5
B00395477	1.762	0.625	<2	6.67	98	347	2.4	<5
B00395478	1.731	0.098	<2	2.39	426	116	0.9	<5
B00395479	2.877	0.061	<2	1.14	255	23	<0.5	<5
B00395480	0.066	0.380	<2	4.70	312	186	1.0	6
B00395481	2.323	0.148	<2	2.19	220	26	0.5	<5
B00395482	2.620	0.146	<2	0.16	148	3	<0.5	<5
B00395483	1.427	0.255	<2	0.15	199	3	<0.5	<5
B00395484	1.434	0.039	<2	0.08	109	1	<0.5	<5
*Dup B00395484	N.A.	0.075	<2	0.08	148	2	<0.5	<5
B00395485	1.099	0.509	<2	0.40	321	8	<0.5	<5
B00395486	1.148	0.155	<2	0.11	203	5	<0.5	<5
B00395487	2.043	0.178	<2	2.77	1040	65	0.7	<5
B00395488	2.349	0.066	<2	1.38	643	30	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395489	2.048	0.504	<2	0.66	611	11	<0.5	<5
B00395490	N.A.	0.535	<2	0.65	635	11	<0.5	<5
B00395491	1.877	0.246	<2	2.03	503	27	<0.5	<5
B00395492	2.639	0.588	<2	2.01	488	17	<0.5	6
B00395493	2.238	0.566	2	0.95	470	13	<0.5	<5
B00395494	2.221	0.300	<2	1.55	286	21	<0.5	<5
B00395495	2.336	0.108	<2	1.80	209	20	<0.5	<5
B00395496	2.292	0.187	<2	1.66	144	14	<0.5	<5
B00395497	2.286	0.400	<2	1.56	1089	15	<0.5	<5
B00395498	2.346	0.573	<2	1.60	648	12	<0.5	<5
B00395499	1.522	2.394	<2	1.17	8223	10	<0.5	<5
B00395500	0.186	<0.005	<2	6.21	4	358	1.1	<5
B00395501	3.064	2.346	<2	1.16	>10000	16	<0.5	<5
B00395502	0.130	9.026	10	5.56	14	319	1.1	<5
B00395503	1.221	2.895	<2	6.46	36	81	1.4	<5
B00395504	2.901	3.118	<2	4.44	808	33	0.9	<5
B00395505	2.295	3.268	<2	4.32	527	57	1.0	<5
B00395506	2.402	0.590	<2	3.19	950	56	0.5	<5
B00395507	2.291	0.471	<2	2.44	737	46	<0.5	<5
B00395508	2.654	0.174	<2	2.22	398	22	<0.5	<5
B00395509	1.733	0.069	<2	0.92	17	39	<0.5	<5
B00395510	0.063	1.108	<2	6.29	<3	64	0.7	8
B00395511	2.001	0.429	<2	1.38	122	64	<0.5	<5
B00395512	2.012	1.215	<2	6.23	378	130	0.9	<5
B00395513	2.499	0.068	<2	6.32	56	95	1.0	<5
B00395514	2.259	0.017	<2	6.42	51	129	1.0	<5
*Rep B00395461		0.063						
*Rep B00395489		0.521						
*Std OREAS-235		1.567						
*Std OREAS-217		0.336						
*Std OREAS-222		1.211						
*Blk BLANK		<0.005						
*Rep B00395452			<2	8.87	19	570	2.4	<5
*Rep B00395512			<2	6.26	348	131	0.9	<5
*Std OREAS-602			>100	4.25	646	228	0.9	54
*Std RTS-3A			N.A.	5.08	14	99	0.6	33
*Std OREAS-602			>100	4.32	671	168	1.0	51
*Std RTS-3A			10	5.10	16	102	0.6	35
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395450	1.41	127	220	25	>10000	13.7	0.86	10.7
B00395451	4.66	<1	35	650	33.4	5.96	1.00	20.3
B00395452	0.41	<1	12	80	31.8	4.42	3.09	48.1
B00395453	0.77	<1	15	112	40.2	5.55	5.27	60.0
B00395454	2.70	<1	18	90	98.6	11.1	1.73	19.5
B00395455	2.05	<1	23	323	155	14.9	0.72	11.9
B00395456	1.68	<1	16	227	192	>15.0	0.50	8.4
B00395457	0.26	<1	12	123	75.4	12.6	0.06	1.3
B00395458	0.84	<1	6	117	21.0	2.87	0.04	0.6
B00395459	1.64	<1	3	159	21.2	2.56	0.04	0.6
B00395460	1.14	<1	8	96	60.6	4.55	0.08	1.1
B00395461	0.62	<1	7	114	56.9	3.86	0.05	0.7
B00395462	0.40	1	12	106	174	12.2	0.15	5.5
B00395463	0.44	2	14	112	172	11.6	0.13	5.3
B00395464	1.98	<1	25	101	289	>15.0	0.61	9.6
B00395465	2.00	<1	33	361	123	9.41	1.50	12.0
B00395466	1.04	1	32	501	89.9	9.97	1.72	16.6
B00395467	3.29	<1	41	220	72.4	9.20	2.50	20.3
B00395468	3.56	<1	39	357	96.1	11.3	2.30	17.7
B00395469	1.72	<1	45	103	106	9.77	2.78	19.4
B00395470	1.68	<1	5	28	8.7	1.86	1.17	8.2
B00395471	1.29	<1	39	67	88.1	10.1	2.84	24.0
B00395472	1.30	<1	39	98	95.5	8.56	3.37	20.2
B00395473	2.35	<1	34	192	152	9.26	2.89	17.4
B00395474	2.07	<1	37	148	172	8.86	2.73	17.9
B00395475	1.20	<1	35	377	156	9.29	2.60	20.9
B00395476	2.05	<1	36	345	113	9.99	2.74	25.4
B00395477	3.18	<1	61	491	102	8.79	3.12	24.6
B00395478	1.40	<1	26	158	194	10.7	1.20	13.3
B00395479	1.45	1	16	187	198	12.9	0.40	5.8
B00395480	3.80	<1	298	32	6016	>15.0	3.09	130
B00395481	2.45	<1	14	209	252	>15.0	0.58	11.1
B00395482	1.82	<1	5	155	26.0	3.86	0.04	1.2
B00395483	0.93	8	5	115	40.8	3.50	0.04	0.8
B00395484	1.15	<1	2	151	11.0	1.49	0.02	<0.5
*Dup B00395484	1.44	<1	2	179	11.5	1.65	0.02	<0.5
B00395485	1.46	1	12	107	122	11.6	0.11	4.7
B00395486	0.89	<1	6	117	29.0	3.42	0.03	0.5
B00395487	2.08	2	20	186	135	10.7	1.05	11.4
B00395488	2.35	<1	19	90	262	>15.0	0.63	6.1

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00395489	1.14	<1	12	163	61.8	9.44	0.23	4.6
B00395490	1.11	<1	12	147	63.9	9.81	0.23	4.8
B00395491	2.37	<1	14	218	128	14.3	0.65	13.0
B00395492	2.12	<1	26	177	120	>15.0	0.40	15.0
B00395493	3.59	<1	22	57	120	13.5	0.29	9.1
B00395494	1.94	<1	21	98	267	>15.0	0.57	14.7
B00395495	2.62	<1	11	283	199	>15.0	0.57	9.8
B00395496	2.30	<1	9	269	246	>15.0	0.36	8.8
B00395497	1.23	1	19	235	166	>15.0	0.35	9.0
B00395498	2.06	<1	16	159	138	14.0	0.32	9.5
B00395499	0.54	13	21	85	127	13.6	0.18	9.1
B00395500	1.78	<1	5	35	5.6	1.73	1.24	8.7
B00395501	0.69	20	12	81	74.2	7.88	0.30	6.6
B00395502	4.41	<1	10	15	69.9	3.09	1.81	10.8
B00395503	0.68	<1	42	43	128	10.5	1.54	13.4
B00395504	0.71	<1	29	48	119	13.1	0.82	13.4
B00395505	2.20	<1	26	91	126	>15.0	1.33	9.1
B00395506	2.63	3	20	92	154	>15.0	0.94	9.3
B00395507	2.83	<1	17	69	175	>15.0	0.59	9.5
B00395508	3.21	<1	15	92	148	>15.0	0.53	11.8
B00395509	1.29	<1	6	85	42.9	6.47	0.47	9.2
B00395510	3.47	<1	13	30	4722	>15.0	2.53	6.8
B00395511	6.26	1	7	25	29.4	3.61	0.71	3.6
B00395512	5.58	<1	45	37	172	9.21	1.32	11.4
B00395513	6.44	<1	39	25	146	8.99	0.88	11.0
B00395514	5.99	<1	37	28	144	8.71	1.08	11.3
*Rep B00395452	0.41	<1	13	87	28.4	4.43	3.12	49.6
*Rep B00395512	5.63	<1	42	37	174	9.29	1.33	11.6
*Std OREAS-602	0.62	26	9	26	4957	2.09	0.65	17.5
*Std RTS-3A	2.06	8	115	155	2413	>15.0	0.47	8.0
*Std OREAS-602	0.64	27	9	28	5119	2.14	0.68	17.1
*Std RTS-3A	2.05	8	116	150	2376	>15.0	0.47	8.7
*Blk BLANK	<0.01	<1	<1	2	0.6	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395450	10	1.20	573	14	0.48	14	0.05	5447
B00395451	32	5.94	1116	<1	0.48	191	0.08	8
B00395452	16	1.25	404	<1	1.74	28	0.05	28
B00395453	23	1.49	679	2	0.45	38	0.06	42
B00395454	13	1.93	2113	1	0.03	41	0.05	18
B00395455	10	1.92	2302	2	0.02	82	0.06	28
B00395456	5	1.18	1171	4	0.01	61	0.06	35
B00395457	<1	0.14	433	13	<0.01	47	0.01	42
B00395458	<1	0.34	322	9	<0.01	19	<0.01	11
B00395459	<1	0.61	519	8	<0.01	12	<0.01	7
B00395460	<1	0.44	546	5	<0.01	29	<0.01	17
B00395461	<1	0.25	271	8	<0.01	23	<0.01	15
B00395462	<1	0.20	271	12	<0.01	75	0.01	49
B00395463	<1	0.22	298	12	<0.01	70	0.01	46
B00395464	3	1.01	823	12	0.01	134	0.03	128
B00395465	18	2.91	2048	<1	0.03	126	0.05	15
B00395466	21	2.75	1811	2	0.03	108	0.07	20
B00395467	19	2.03	6982	<1	0.04	98	0.07	3
B00395468	22	2.25	6140	<1	0.05	124	0.08	5
B00395469	19	1.57	6124	<1	1.71	58	0.06	18
B00395470	8	0.50	288	<1	2.73	17	0.02	6
B00395471	18	1.40	4049	<1	2.41	42	0.04	26
B00395472	27	1.44	3099	<1	0.95	45	0.04	23
B00395473	23	1.77	3586	<1	0.44	54	0.05	11
B00395474	21	1.65	2610	<1	0.77	52	0.05	7
B00395475	20	1.41	1787	3	0.07	71	0.05	11
B00395476	18	1.64	4118	<1	0.08	77	0.07	6
B00395477	21	2.40	4499	<1	0.05	121	0.08	6
B00395478	7	0.89	963	5	0.02	62	0.04	70
B00395479	3	0.91	762	5	0.01	55	0.04	49
B00395480	18	1.07	2853	126	1.08	59	0.08	15
B00395481	6	1.80	1349	2	0.02	58	0.06	48
B00395482	<1	0.75	489	8	<0.01	18	<0.01	18
B00395483	<1	0.34	278	7	<0.01	15	0.01	17
B00395484	<1	0.36	315	7	<0.01	5	<0.01	4
*Dup B00395484	<1	0.38	339	10	<0.01	6	<0.01	5
B00395485	<1	0.28	298	8	<0.01	49	<0.01	64
B00395486	<1	0.34	287	9	<0.01	21	<0.01	15
B00395487	9	1.59	1043	8	0.02	45	0.05	30
B00395488	4	1.19	896	5	0.02	71	0.05	39

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395489	1	0.60	559	6	<0.01	37	0.03	40
B00395490	1	0.59	542	7	<0.01	40	0.03	43
B00395491	5	1.63	1178	1	0.02	60	0.11	45
B00395492	5	1.60	1268	6	0.01	95	0.08	81
B00395493	2	1.75	1496	8	0.01	58	0.06	53
B00395494	3	1.09	843	7	0.02	65	0.16	46
B00395495	5	1.69	1245	1	0.02	46	0.06	27
B00395496	5	1.74	1220	1	0.01	50	0.06	40
B00395497	4	1.09	908	2	0.01	66	0.05	52
B00395498	5	1.47	1126	3	0.01	59	0.05	72
B00395499	4	0.79	304	4	<0.01	52	0.05	72
B00395500	9	0.53	277	<1	2.88	18	0.02	7
B00395501	4	0.83	257	3	0.01	28	0.04	32
B00395502	49	1.19	820	5	1.52	10	0.07	16
B00395503	34	4.19	599	<1	0.07	40	0.13	11
B00395504	24	3.09	501	1	0.04	42	0.09	35
B00395505	17	2.50	1000	3	0.09	52	0.05	49
B00395506	13	2.26	1314	3	0.18	41	0.06	55
B00395507	9	2.00	1473	2	0.20	43	0.08	55
B00395508	9	2.26	1707	6	0.02	35	0.07	26
B00395509	2	0.57	381	15	0.02	21	0.02	18
B00395510	129	0.71	2880	153	0.73	11	0.43	13
B00395511	3	2.57	1951	2	0.17	8	0.10	3
B00395512	19	3.00	1485	<1	1.28	40	0.06	5
B00395513	21	3.28	1562	<1	1.33	37	0.06	3
B00395514	20	3.43	1487	<1	1.19	38	0.07	<2
*Rep B00395452	16	1.22	408	<1	1.77	30	0.05	28
*Rep B00395512	19	3.04	1491	<1	1.28	39	0.06	7
*Std OREAS-602	21	0.19	223	4	0.46	56	0.06	991
*Std RTS-3A	17	2.48	1404	<1	0.72	53	0.04	193
*Std OREAS-602	22	0.20	224	4	0.47	58	0.06	998
*Std RTS-3A	16	2.44	1406	<1	0.73	52	0.04	195
*Blk BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395450	>5.00	56	6.7	<10	30.2	0.09	35	20
B00395451	0.02	13	19.9	<10	210	0.09	144	<10
B00395452	0.29	<5	14.5	<10	33.1	0.27	95	<10
B00395453	0.71	<5	19.0	<10	33.3	0.40	134	<10
B00395454	4.52	7	14.5	<10	62.7	0.36	140	<10
B00395455	>5.00	9	11.5	<10	53.9	0.12	117	<10
B00395456	>5.00	11	6.2	<10	40.0	0.04	97	<10
B00395457	>5.00	13	0.9	<10	3.2	0.01	59	<10
B00395458	1.77	<5	0.6	<10	9.4	<0.01	18	<10
B00395459	0.89	<5	<0.5	<10	17.8	<0.01	17	<10
B00395460	2.29	<5	0.8	<10	12.6	<0.01	34	<10
B00395461	2.30	<5	0.6	<10	7.1	<0.01	28	<10
B00395462	>5.00	7	1.7	<10	6.1	0.01	84	<10
B00395463	>5.00	7	1.6	<10	6.7	0.01	80	<10
B00395464	>5.00	13	4.6	<10	29.0	0.04	152	<10
B00395465	4.64	6	19.4	<10	38.6	0.18	191	<10
B00395466	3.22	6	24.2	<10	20.6	0.51	201	<10
B00395467	0.98	5	24.8	<10	57.1	0.94	232	<10
B00395468	0.84	8	28.2	<10	68.1	1.01	226	<10
B00395469	0.57	6	27.0	<10	47.0	0.95	185	<10
B00395470	<0.01	<5	5.1	<10	341	0.13	37	<10
B00395471	1.34	5	26.4	<10	41.0	1.00	119	<10
B00395472	1.86	6	29.8	<10	35.7	0.95	178	<10
B00395473	1.52	7	26.8	<10	54.3	0.96	200	<10
B00395474	0.92	5	28.1	<10	44.6	0.84	229	<10
B00395475	1.90	<5	24.1	<10	26.4	0.80	189	<10
B00395476	1.32	7	24.9	<10	37.2	0.98	191	<10
B00395477	2.31	7	27.1	<10	56.0	0.67	208	<10
B00395478	>5.00	9	9.1	<10	22.6	0.11	110	<10
B00395479	>5.00	12	4.1	<10	20.6	0.03	67	<10
B00395480	1.82	7	11.7	<10	149	0.35	205	73
B00395481	>5.00	19	8.2	<10	31.4	0.06	117	<10
B00395482	2.92	7	0.7	<10	14.6	<0.01	26	<10
B00395483	2.95	7	<0.5	<10	7.9	<0.01	18	<10
B00395484	0.48	<5	<0.5	<10	11.0	<0.01	8	<10
*Dup B00395484	0.59	<5	0.5	<10	15.9	<0.01	9	<10
B00395485	>5.00	49	2.0	<10	19.6	<0.01	68	<10
B00395486	2.66	10	<0.5	<10	7.7	<0.01	18	<10
B00395487	>5.00	14	11.7	<10	26.0	0.10	120	<10
B00395488	>5.00	13	5.5	<10	24.7	0.05	98	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395489	>5.00	14	2.1	<10	9.9	0.02	47	<10
B00395490	>5.00	15	2.1	<10	9.7	0.02	48	<10
B00395491	>5.00	17	7.4	<10	23.9	0.05	100	<10
B00395492	>5.00	29	7.5	<10	19.0	0.06	128	<10
B00395493	>5.00	27	3.9	<10	29.6	0.04	82	<10
B00395494	>5.00	26	5.3	<10	20.6	0.05	106	<10
B00395495	>5.00	13	7.3	<10	25.2	0.04	91	<10
B00395496	>5.00	14	6.9	<10	22.2	0.04	86	<10
B00395497	>5.00	29	6.1	<10	11.9	0.04	82	<10
B00395498	>5.00	30	6.5	<10	20.5	0.05	84	<10
B00395499	>5.00	80	3.5	<10	6.2	0.05	74	<10
B00395500	0.01	<5	5.5	<10	353	0.14	39	<10
B00395501	>5.00	79	3.7	<10	7.5	0.04	64	<10
B00395502	0.47	<5	12.0	<10	317	0.27	105	<10
B00395503	3.23	9	33.4	<10	10.1	0.28	424	<10
B00395504	>5.00	11	20.9	<10	9.8	0.22	251	<10
B00395505	>5.00	9	20.2	<10	20.3	0.14	187	<10
B00395506	>5.00	17	13.8	<10	27.0	0.07	142	<10
B00395507	>5.00	16	9.9	<10	26.4	0.07	119	<10
B00395508	>5.00	10	8.7	<10	29.9	0.06	132	<10
B00395509	3.97	<5	2.6	<10	11.5	0.03	81	<10
B00395510	0.67	<5	4.8	72	107	0.10	55	1082
B00395511	0.63	<5	6.2	<10	46.4	0.08	62	<10
B00395512	1.42	<5	33.0	<10	60.2	0.43	314	<10
B00395513	0.33	<5	33.9	<10	71.9	0.56	318	<10
B00395514	0.31	<5	33.4	<10	71.5	0.51	321	<10
*Rep B00395452	0.29	<5	14.8	<10	33.2	0.27	99	<10
*Rep B00395512	1.44	<5	33.2	<10	60.6	0.40	315	<10
*Std OREAS-602	2.13	81	3.8	<10	449	0.20	33	19
*Std RTS-3A	>5.00	<5	13.4	38	43.2	0.30	114	17
*Std OREAS-602	2.23	78	3.9	<10	446	0.19	35	18
*Std RTS-3A	>5.00	7	13.8	38	43.1	0.30	118	15
*Blk BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	As	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	30 ppm	10 ppm	10 ppm
B00395450	10.3	>10000	101	0.64	N.A.	30695	23995
B00395451	8.6	92	108	<0.05	N.A.	N.A.	N.A.
B00395452	10.0	89	140	0.05	N.A.	N.A.	N.A.
B00395453	12.3	121	154	<0.05	N.A.	N.A.	N.A.
B00395454	7.6	79	83.0	0.20	N.A.	N.A.	N.A.
B00395455	6.4	90	60.4	0.31	N.A.	N.A.	N.A.
B00395456	6.6	70	41.2	0.30	N.A.	N.A.	N.A.
B00395457	2.1	35	10.9	0.33	N.A.	N.A.	N.A.
B00395458	1.0	10	5.5	0.08	N.A.	N.A.	N.A.
B00395459	1.2	14	6.1	<0.05	N.A.	N.A.	N.A.
B00395460	1.6	65	9.4	<0.05	N.A.	N.A.	N.A.
B00395461	1.1	52	7.3	0.05	N.A.	N.A.	N.A.
B00395462	2.7	315	17.3	0.19	N.A.	N.A.	N.A.
B00395463	2.8	397	17.4	0.15	N.A.	N.A.	N.A.
B00395464	7.4	110	37.7	0.55	N.A.	N.A.	N.A.
B00395465	8.1	194	106	0.26	N.A.	N.A.	N.A.
B00395466	6.8	347	111	0.10	N.A.	N.A.	N.A.
B00395467	9.7	99	147	<0.05	N.A.	N.A.	N.A.
B00395468	8.8	108	130	0.07	N.A.	N.A.	N.A.
B00395469	7.8	103	125	0.26	N.A.	N.A.	N.A.
B00395470	5.3	19	37.7	<0.05	N.A.	N.A.	N.A.
B00395471	8.4	119	139	0.27	N.A.	N.A.	N.A.
B00395472	7.0	96	125	0.30	N.A.	N.A.	N.A.
B00395473	6.7	100	119	0.31	N.A.	N.A.	N.A.
B00395474	6.7	100	111	0.41	N.A.	N.A.	N.A.
B00395475	6.8	93	115	0.20	N.A.	N.A.	N.A.
B00395476	10.4	105	169	0.10	N.A.	N.A.	N.A.
B00395477	13.2	92	206	0.10	N.A.	N.A.	N.A.
B00395478	7.0	159	79.0	0.42	N.A.	N.A.	N.A.
B00395479	4.4	207	29.2	0.29	N.A.	N.A.	N.A.
B00395480	16.7	25	117	0.57	N.A.	N.A.	N.A.
B00395481	8.1	68	56.3	0.25	N.A.	N.A.	N.A.
B00395482	1.3	105	5.7	0.10	N.A.	N.A.	N.A.
B00395483	1.1	1360	6.0	0.08	N.A.	N.A.	N.A.
B00395484	1.0	41	7.2	0.07	N.A.	N.A.	N.A.
*Dup B00395484	1.2	32	7.2	0.21	N.A.	N.A.	N.A.
B00395485	3.8	224	18.3	0.46	N.A.	N.A.	N.A.
B00395486	1.1	129	8.2	0.19	N.A.	N.A.	N.A.
B00395487	6.2	308	53.0	0.70	N.A.	N.A.	N.A.
B00395488	5.9	105	33.5	0.22	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	As	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	30 ppm	10 ppm	10 ppm
B00395489	3.9	34	20.5	0.26	N.A.	N.A.	N.A.
B00395490	4.1	33	16.8	0.33	N.A.	N.A.	N.A.
B00395491	10.0	46	50.6	0.72	N.A.	N.A.	N.A.
B00395492	10.5	74	60.7	0.32	N.A.	N.A.	N.A.
B00395493	8.0	42	35.8	0.42	N.A.	N.A.	N.A.
B00395494	14.0	132	52.2	0.26	N.A.	N.A.	N.A.
B00395495	7.4	109	40.8	0.13	N.A.	N.A.	N.A.
B00395496	7.1	50	38.7	0.10	N.A.	N.A.	N.A.
B00395497	7.5	50	34.2	0.36	N.A.	N.A.	N.A.
B00395498	7.9	30	37.8	0.27	N.A.	N.A.	N.A.
B00395499	7.3	103	32.3	1.62	N.A.	N.A.	N.A.
B00395500	5.7	20	44.1	<0.05	N.A.	N.A.	N.A.
B00395501	5.5	345	29.6	1.79	12780	N.A.	N.A.
B00395502	9.3	72	62.1	4.07	N.A.	N.A.	N.A.
B00395503	11.3	148	164	<0.05	N.A.	N.A.	N.A.
B00395504	9.7	151	126	0.24	N.A.	N.A.	N.A.
B00395505	7.1	97	76.6	0.18	N.A.	N.A.	N.A.
B00395506	7.8	361	59.4	0.43	N.A.	N.A.	N.A.
B00395507	7.5	86	55.1	0.34	N.A.	N.A.	N.A.
B00395508	9.3	61	57.5	0.24	N.A.	N.A.	N.A.
B00395509	5.0	22	39.9	0.07	N.A.	N.A.	N.A.
B00395510	7.0	303	28.3	0.13	N.A.	N.A.	N.A.
B00395511	5.9	281	19.3	0.08	N.A.	N.A.	N.A.
B00395512	7.8	118	86.9	<0.05	N.A.	N.A.	N.A.
B00395513	8.2	103	84.6	<0.05	N.A.	N.A.	N.A.
B00395514	8.5	111	88.0	<0.05	N.A.	N.A.	N.A.
*Rep B00395452	10.1	86	145	<0.05			
*Rep B00395512	8.3	119	87.3	<0.05			
*Std OREAS-602	5.6	3966	79.4	38.48			
*Std RTS-3A	10.9	2715	69.0	1.91			
*Std OREAS-602	5.7	4090	81.0	38.57			
*Std RTS-3A	11.3	2687	70.3	1.66			
*Blk BLANK	<0.5	<1	<0.5	<0.05			
*Rep B00395450					N.A.	30746	23277

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Final : VD1900559 Order:

Report File No.: 0000022190

Element	As	Cu	Zn
Method	GE_ICP90A	GE_ICP90A	GE_ICP90A
Det.Lim.	30	10	10
Units	ppm	ppm	ppm
*Std MP-1B	23704	30466	>50000
*Blk BLANK	<30	13	13

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Certificate of Analysis
Work Order : VD1900560
[Report File No.: 0000022007]

Date: October 02, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 75
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

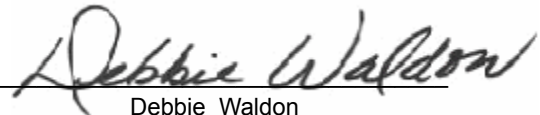
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
75	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393372	0.926	0.006	<2	5.22	25	180	0.8	<5
B00393373	1.086	<0.005	<2	5.00	31	271	0.6	<5
B00393374	0.933	0.479	<2	5.57	9	135	1.2	<5
B00393375	0.905	<0.005	<2	7.55	<3	216	1.6	<5
B00393376	0.670	0.026	<2	0.19	223	6	0.7	<5
B00393377	1.241	<0.005	<2	3.61	<3	288	0.7	<5
B00393378	0.853	<0.005	<2	3.08	<3	780	0.8	<5
B00393379	0.802	<0.005	<2	5.25	3	6	<0.5	<5
B00393380	0.765	0.008	<2	8.03	8	17	0.6	<5
B00393381	0.680	0.056	<2	2.13	42	93	<0.5	<5
B00393382	0.781	<0.005	<2	5.41	<3	149	19.1	<5
B00393383	0.861	2.827	<2	0.55	46	70	<0.5	<5
B00393384	0.878	<0.005	<2	0.59	<3	12	<0.5	<5
B00393385	1.281	<0.005	<2	2.87	5	151	3.9	<5
B00393386	0.572	<0.005	<2	2.40	<3	532	<0.5	<5
B00393387	0.959	0.029	<2	1.03	169	14	<0.5	<5
B00393388	1.117	<0.005	<2	0.82	<3	48	<0.5	<5
B00393389	0.975	<0.005	<2	1.54	<3	8	<0.5	<5
B00393390	0.513	<0.005	<2	4.31	360	245	0.5	<5
B00393391	1.191	<0.005	<2	9.18	4	139	1.2	<5
B00393392	1.237	<0.005	<2	9.19	22	450	0.9	<5
B00393393	0.779	<0.005	<2	0.15	<3	5	<0.5	<5
B00393394	0.876	<0.005	<2	2.12	4	73	<0.5	<5
B00393395	1.070	<0.005	<2	8.77	22	436	1.7	<5
B00393396	0.759	<0.005	<2	0.33	<3	25	<0.5	<5
B00393397	0.690	<0.005	<2	0.20	<3	87	<0.5	<5
B00393398	1.084	0.016	<2	0.25	<3	3	<0.5	<5
B00393399	1.015	0.159	<2	8.42	<3	900	1.4	<5
B00393400	0.266	<0.005	<2	6.46	<3	371	1.3	<5
B00393401	1.405	<0.005	<2	8.81	21	431	2.0	<5
B00393402	1.166	<0.005	<2	0.25	<3	9	<0.5	<5
B00393403	0.731	<0.005	<2	2.58	<3	19	<0.5	<5
B00393404	0.983	<0.005	<2	0.80	9	4	<0.5	<5
B00393405	0.922	0.007	<2	0.63	4	18	<0.5	<5
B00393406	0.924	<0.005	<2	7.41	<3	57	<0.5	<5
*Dup B00393406	N.A.	<0.005	<2	7.19	<3	58	<0.5	<5
B00393407	0.989	0.014	<2	0.36	3	4	<0.5	<5
B00393408	1.125	<0.005	<2	2.65	<3	11	4.5	<5
B00393409	0.554	<0.005	<2	6.69	7	436	3.0	<5
B00393410	0.644	<0.005	<2	0.05	<3	2	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393411	0.738	<0.005	<2	0.01	<3	3	<0.5	<5
B00393412	0.604	<0.005	<2	0.28	<3	23	<0.5	<5
B00393413	1.090	0.008	<2	7.19	77	403	1.0	<5
B00393414	1.118	0.016	<2	6.75	122	93	0.7	<5
B00393415	0.855	<0.005	<2	4.76	<3	51	4.3	<5
B00393416	0.897	0.008	<2	2.55	<3	5	<0.5	<5
B00393417	0.577	<0.005	<2	0.89	<3	40	<0.5	<5
B00393418	0.792	<0.005	<2	7.56	<3	211	1.0	<5
B00393419	1.022	<0.005	<2	8.81	7	510	2.8	<5
B00393420	0.230	<0.005	<2	6.28	<3	364	1.1	<5
B00393421	0.432	<0.005	<2	6.10	24	166	<0.5	<5
B00393422	0.808	0.013	<2	6.07	<3	7	<0.5	<5
B00393423	0.785	<0.005	<2	0.40	<3	43	<0.5	<5
B00393832	0.956	0.015	<2	4.08	564	175	0.7	<5
B00393833	1.124	<0.005	<2	6.98	<3	31	0.6	<5
B00393834	0.983	0.008	<2	3.75	174	23	<0.5	<5
B00393835	1.227	<0.005	<2	0.66	56	74	<0.5	<5
B00393836	1.386	<0.005	<2	0.36	<3	4	<0.5	<5
B00393837	0.961	0.006	<2	2.45	59	109	0.6	<5
B00393838	1.411	0.030	<2	3.28	<3	24	1.0	<5
B00393839	1.328	0.006	<2	2.19	564	54	<0.5	<5
B00393840	0.065	0.383	<2	4.80	325	107	1.1	<5
B00393841	1.089	0.013	<2	5.14	154	134	0.6	<5
B00393842	1.079	0.007	<2	8.39	6	361	0.9	<5
B00393843	1.044	<0.005	<2	0.73	5	34	<0.5	<5
B00393844	1.180	<0.005	<2	0.12	<3	6	<0.5	<5
B00393845	1.232	1.391	<2	0.04	99	2	<0.5	<5
B00393846	0.948	0.006	<2	0.31	<3	15	<0.5	<5
B00393847	0.673	<0.005	<2	0.09	<3	17	<0.5	<5
B00393848	1.195	<0.005	<2	0.66	<3	13	3.8	<5
B00393849	1.387	<0.005	<2	4.05	196	243	<0.5	<5
B00393850	1.396	<0.005	<2	6.42	<3	19	0.5	<5
B00393851	0.966	<0.005	<2	5.43	<3	43	1.3	<5
B00393852	1.187	<0.005	<2	6.53	3	558	0.6	<5
B00393853	0.898	<0.005	<2	3.68	<3	59	<0.5	<5
B00393854	0.774	0.070	<2	2.50	34	145	<0.5	<5
*Rep B00393390		<0.005						
*Rep B00393837		<0.005						
*Std OREAS-217		0.330						
*Std OREAS-221		1.086						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-501C	0.224						
*Rep B00393380		<2	7.86	6	16	0.6	<5
*Rep B00393421		<2	6.20	22	167	<0.5	<5
*Std OREAS-602		>100	4.41	671	184	1.0	56
*Std RTS-3A		10	5.04	17	101	0.6	32
*Std OREAS-602		>100	4.34	651	152	0.9	55
*Std RTS-3A		9	4.65	14	95	0.6	32
*Bik BLANK		<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393372	0.87	<1	5	41	20.2	2.56	0.96	7.6
B00393373	3.83	<1	42	568	183	9.28	0.93	10.1
B00393374	3.27	<1	36	198	227	12.2	0.35	14.9
B00393375	4.58	<1	28	151	140	6.48	0.66	17.7
B00393376	0.07	<1	13	33	26.3	5.31	<0.01	<0.5
B00393377	11.9	<1	64	1079	105	6.36	1.69	6.7
B00393378	0.06	<1	1	30	4.6	1.57	1.80	3.5
B00393379	8.17	<1	33	74	131	5.35	<0.01	1.4
B00393380	7.61	<1	41	174	122	7.34	0.01	3.1
B00393381	9.46	<1	17	34	377	3.45	0.38	2.5
B00393382	10.2	<1	3	10	3.8	3.57	0.46	2.4
B00393383	0.06	2	<1	54	8.5	1.53	0.27	<0.5
B00393384	0.04	<1	<1	31	2.3	1.21	0.05	1.7
B00393385	2.48	<1	<1	44	4.5	1.83	1.11	82.7
B00393386	0.11	<1	<1	13	1.7	0.60	3.52	3.7
B00393387	1.30	<1	2	26	31.6	1.48	0.07	1.9
B00393388	0.46	<1	4	16	13.1	1.28	0.18	2.6
B00393389	1.74	<1	2	35	122	1.30	0.03	1.4
B00393390	8.71	<1	49	1236	142	6.35	0.31	3.9
B00393391	5.92	<1	29	34	160	7.56	0.39	17.5
B00393392	3.84	<1	34	70	97.6	7.43	1.13	5.0
B00393393	0.11	<1	<1	14	3.1	0.80	<0.01	<0.5
B00393394	7.52	<1	4	11	2.5	2.38	0.33	4.2
B00393395	2.01	<1	29	10	17.6	8.84	2.06	19.1
B00393396	0.05	<1	<1	48	20.8	2.61	0.16	2.5
B00393397	0.01	<1	<1	24	2.2	0.72	0.24	<0.5
B00393398	0.17	<1	<1	28	1055	1.12	0.02	<0.5
B00393399	5.53	<1	31	135	167	8.43	2.52	14.5
B00393400	1.74	<1	5	89	7.9	1.48	1.44	9.1
B00393401	0.34	<1	7	5	21.7	6.00	3.24	33.2
B00393402	0.19	<1	<1	18	2.8	0.75	0.03	<0.5
B00393403	3.95	<1	6	27	17.1	2.09	0.02	1.7
B00393404	1.68	<1	15	40	2474	1.56	0.01	<0.5
B00393405	0.06	<1	<1	40	7.4	1.17	0.08	3.8
B00393406	2.55	<1	13	86	12.3	5.00	0.13	5.6
*Dup B00393406	2.40	<1	11	59	9.6	4.74	0.13	5.9
B00393407	0.04	<1	1	24	4.7	1.28	0.01	0.7
B00393408	6.82	<1	16	33	638	3.72	0.02	1.3
B00393409	0.25	<1	<1	11	4.7	2.30	1.49	80.5
B00393410	0.11	<1	<1	43	2.1	0.58	<0.01	<0.5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393411	<0.01	<1	<1	45	2.0	0.60	<0.01	<0.5
B00393412	0.25	<1	<1	57	9.6	0.80	0.09	0.9
B00393413	6.43	<1	33	154	153	7.36	3.18	6.1
B00393414	6.29	<1	46	43	214	9.39	0.78	5.5
B00393415	4.07	<1	13	15	31.5	3.88	0.09	5.3
B00393416	6.25	<1	3	24	54.2	1.43	0.04	<0.5
B00393417	2.76	<1	4	31	64.6	1.38	0.17	<0.5
B00393418	5.36	<1	18	81	69.6	8.52	0.57	16.8
B00393419	2.95	<1	66	23	94.2	9.43	0.89	12.7
B00393420	1.74	<1	5	75	9.1	1.49	1.40	9.0
B00393421	5.99	<1	44	341	184	6.08	0.38	2.9
B00393422	9.43	<1	45	417	102	6.66	0.02	1.3
B00393423	0.92	<1	2	42	4.5	2.18	0.04	0.6
B00393832	9.54	<1	63	770	99.9	7.59	2.03	9.7
B00393833	6.96	<1	43	348	129	7.56	0.13	2.2
B00393834	7.86	<1	37	564	124	6.06	0.47	9.9
B00393835	9.72	<1	4	37	49.0	13.9	0.03	5.7
B00393836	1.33	<1	2	29	5.1	2.06	0.02	<0.5
B00393837	6.22	<1	17	191	25.6	4.07	1.29	1.9
B00393838	2.74	<1	23	121	114	7.78	0.08	10.4
B00393839	8.46	<1	69	846	51.1	6.63	0.36	5.0
B00393840	3.69	<1	311	36	6121	>15.0	3.63	96.4
B00393841	6.65	<1	48	650	117	7.18	0.81	6.4
B00393842	5.40	<1	18	195	40.6	7.22	0.95	5.4
B00393843	1.72	<1	2	61	43.8	7.96	0.02	5.6
B00393844	0.02	<1	<1	48	4.7	1.46	0.04	<0.5
B00393845	0.07	<1	<1	32	35.2	4.56	<0.01	<0.5
B00393846	0.10	<1	1	36	4.0	1.24	0.07	<0.5
B00393847	0.07	<1	<1	36	255	0.91	0.05	<0.5
B00393848	1.03	<1	<1	21	52.1	1.00	0.02	<0.5
B00393849	7.67	<1	32	671	52.8	5.07	1.60	2.5
B00393850	8.47	<1	29	229	43.9	5.75	0.04	2.1
B00393851	7.36	<1	23	106	110	5.69	0.08	4.0
B00393852	4.04	<1	19	15	71.1	5.51	1.32	14.8
B00393853	2.02	<1	13	83	20.7	6.06	0.10	1.7
B00393854	5.17	<1	8	44	90.8	3.64	1.12	2.8

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393380	7.51	<1	39	174	119	7.15	0.01	3.1
*Rep B00393421	6.19	<1	44	382	186	6.21	0.39	3.0
*Std OREAS-602	0.63	27	9	26	5134	2.18	0.77	18.5
*Std RTS-3A	1.97	8	116	150	2303	>15.0	0.51	8.9
*Std OREAS-602	0.63	27	9	29	5146	2.19	0.77	17.3
*Std RTS-3A	1.86	7	111	133	2182	>15.0	0.49	8.4
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393372	6	0.23	510	<1	3.00	21	0.03	66
B00393373	55	4.28	1194	<1	0.23	247	0.05	8
B00393374	47	2.02	1870	<1	1.62	103	0.06	20
B00393375	6	2.82	970	<1	4.77	62	0.10	11
B00393376	<1	0.03	225	14	0.01	15	0.01	3
B00393377	6	4.12	1240	<1	0.16	751	0.04	2
B00393378	21	0.19	87	1	0.13	4	0.01	3
B00393379	<1	1.15	706	<1	0.08	59	0.02	<2
B00393380	5	2.48	1043	<1	1.08	61	0.04	<2
B00393381	8	0.79	1154	<1	0.60	34	0.03	<2
B00393382	2	0.43	8111	<1	0.29	<1	0.02	<2
B00393383	<1	0.04	111	4	0.05	5	<0.01	4
B00393384	2	0.03	161	2	0.38	5	<0.01	3
B00393385	5	0.95	593	7	1.75	5	0.01	12
B00393386	<1	0.06	78	2	0.06	2	<0.01	35
B00393387	<1	0.28	319	2	0.78	3	0.04	<2
B00393388	3	0.14	186	1	0.50	7	<0.01	3
B00393389	2	0.10	467	3	1.07	2	0.02	<2
B00393390	72	7.28	1034	<1	1.15	615	0.15	<2
B00393391	13	2.64	989	<1	3.24	12	0.14	<2
B00393392	20	3.38	1208	<1	2.52	43	0.07	<2
B00393393	<1	0.05	109	2	0.04	3	<0.01	<2
B00393394	4	0.47	2707	<1	0.89	1	0.05	9
B00393395	23	1.66	1228	<1	1.78	2	0.15	13
B00393396	3	0.04	147	7	0.02	7	0.01	15
B00393397	<1	<0.01	66	2	0.03	3	<0.01	<2
B00393398	2	0.09	136	2	0.05	5	<0.01	5
B00393399	13	2.43	1214	4	2.15	56	0.12	6
B00393400	9	0.54	253	<1	3.06	19	0.02	6
B00393401	8	0.70	426	2	1.61	<1	0.12	17
B00393402	<1	0.04	118	2	0.03	2	<0.01	<2
B00393403	4	0.71	396	<1	1.49	6	0.03	<2
B00393404	3	0.32	194	3	0.38	12	<0.01	4
B00393405	1	0.02	147	2	0.40	4	0.02	4
B00393406	12	2.14	779	<1	4.17	22	0.04	<2
*Dup B00393406	11	2.00	738	<1	4.03	17	0.05	<2
B00393407	4	0.06	117	2	0.20	4	0.01	7
B00393408	7	1.10	3478	<1	0.03	19	0.02	<2
B00393409	11	0.36	740	1	4.18	2	<0.01	27
B00393410	<1	<0.01	101	3	0.04	2	0.03	2

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393411	<1	<0.01	65	5	<0.01	4	<0.01	<2
B00393412	1	0.09	82	5	<0.01	5	0.02	<2
B00393413	29	3.21	1340	<1	0.69	55	0.07	<2
B00393414	17	3.25	1011	<1	3.43	45	0.05	4
B00393415	6	1.04	1919	1	1.15	2	0.04	<2
B00393416	3	0.22	236	2	0.02	9	<0.01	<2
B00393417	2	0.27	212	2	0.12	4	<0.01	<2
B00393418	8	2.96	1459	8	3.06	32	0.14	<2
B00393419	22	2.14	942	4	3.07	50	0.15	<2
B00393420	9	0.55	255	2	3.01	19	0.02	6
B00393421	24	5.52	1073	<1	2.17	93	0.01	3
B00393422	7	4.50	1244	<1	0.17	161	0.02	<2
B00393423	2	0.85	327	3	<0.01	16	<0.01	<2
B00393832	6	4.57	1270	<1	0.15	440	0.06	2
B00393833	12	5.58	1240	<1	2.46	105	0.03	<2
B00393834	14	3.74	1098	<1	2.08	252	0.26	2
B00393835	3	1.17	1697	<1	0.07	14	0.18	7
B00393836	2	0.17	339	2	<0.01	4	<0.01	<2
B00393837	2	2.19	818	1	0.07	79	0.06	<2
B00393838	16	1.03	1139	2	0.87	53	0.06	17
B00393839	5	7.30	973	<1	0.46	486	0.05	3
B00393840	19	1.10	2967	130	1.10	59	0.08	14
B00393841	20	4.55	1258	<1	1.49	310	0.05	3
B00393842	20	5.59	1432	<1	2.42	54	0.06	2
B00393843	3	0.54	371	2	0.01	8	0.02	5
B00393844	1	0.05	132	2	0.02	5	<0.01	<2
B00393845	<1	0.02	148	3	<0.01	3	0.02	7
B00393846	2	0.03	272	3	0.12	7	<0.01	6
B00393847	<1	0.02	106	3	<0.01	3	<0.01	3
B00393848	<1	0.09	1328	3	<0.01	3	<0.01	<2
B00393849	10	3.26	1123	<1	0.24	151	0.04	<2
B00393850	9	3.22	1182	<1	0.91	62	0.03	<2
B00393851	7	3.15	1805	<1	0.57	47	0.04	2
B00393852	12	0.81	656	<1	2.10	2	0.07	8
B00393853	13	2.68	834	1	0.35	29	0.01	2
B00393854	4	1.59	960	1	0.05	8	0.07	2

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00393380	5	2.44	1019	<1	1.05	61	0.04	<2
*Rep B00393421	24	5.62	1085	<1	2.19	93	0.01	<2
*Std OREAS-602	23	0.20	225	5	0.48	57	0.06	1033
*Std RTS-3A	16	2.36	1401	<1	0.74	50	0.04	193
*Std OREAS-602	22	0.20	226	5	0.50	57	0.06	1035
*Std RTS-3A	15	2.27	1305	<1	0.68	48	0.04	186
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393372	0.06	<5	5.8	<10	84.5	0.10	41	<10
B00393373	0.97	<5	21.0	<10	74.3	0.23	185	<10
B00393374	3.24	5	23.0	<10	59.7	0.35	230	<10
B00393375	0.99	5	21.0	<10	432	0.58	187	<10
B00393376	0.81	<5	<0.5	<10	2.0	<0.01	17	<10
B00393377	0.13	7	20.5	<10	165	0.32	208	<10
B00393378	0.05	<5	0.9	<10	18.7	0.05	26	<10
B00393379	1.36	<5	15.2	<10	159	0.28	143	<10
B00393380	1.50	<5	32.1	<10	160	0.60	276	<10
B00393381	0.32	13	13.0	<10	237	0.08	94	<10
B00393382	0.01	<5	2.8	<10	110	0.11	26	<10
B00393383	0.01	<5	1.8	<10	3.3	0.02	41	<10
B00393384	<0.01	<5	<0.5	<10	23.9	<0.01	4	<10
B00393385	0.09	<5	<0.5	<10	122	0.05	5	<10
B00393386	0.04	<5	<0.5	<10	13.0	<0.01	<2	<10
B00393387	0.05	21	3.6	<10	64.5	<0.01	11	<10
B00393388	0.11	<5	<0.5	<10	32.4	0.01	4	<10
B00393389	0.02	<5	2.6	<10	49.8	0.12	15	<10
B00393390	0.02	15	22.5	<10	227	0.19	200	<10
B00393391	1.25	<5	30.9	<10	276	1.07	285	<10
B00393392	2.66	<5	36.5	<10	230	0.70	333	<10
B00393393	0.02	<5	<0.5	<10	6.4	<0.01	7	<10
B00393394	0.17	<5	11.7	<10	190	0.10	23	<10
B00393395	1.12	<5	18.4	<10	92.7	0.39	151	<10
B00393396	0.10	<5	1.1	<10	5.7	0.03	44	<10
B00393397	<0.01	<5	<0.5	<10	9.1	<0.01	2	<10
B00393398	0.08	<5	0.8	<10	1.9	0.02	9	<10
B00393399	1.49	<5	25.6	<10	520	0.65	240	<10
B00393400	<0.01	<5	5.6	<10	363	0.14	39	<10
B00393401	1.93	<5	15.7	<10	58.0	0.11	17	<10
B00393402	<0.01	<5	0.7	<10	23.3	<0.01	13	<10
B00393403	<0.01	<5	5.8	<10	33.9	0.10	47	<10
B00393404	0.27	<5	1.8	<10	5.5	0.03	23	<10
B00393405	0.04	<5	<0.5	<10	34.6	0.02	4	<10
B00393406	0.13	<5	11.5	<10	67.8	0.27	59	<10
*Dup B00393406	0.08	<5	11.2	<10	68.1	0.27	58	<10
B00393407	0.02	<5	<0.5	<10	18.1	<0.01	3	<10
B00393408	0.09	<5	12.7	<10	17.0	0.15	91	<10
B00393409	0.02	<5	2.6	<10	61.0	0.09	7	<10
B00393410	<0.01	<5	<0.5	<10	15.6	<0.01	<2	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393411	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
B00393412	0.03	<5	1.2	<10	2.2	0.04	15	<10
B00393413	0.11	6	30.6	<10	360	0.43	276	<10
B00393414	2.19	5	37.7	<10	376	0.41	322	<10
B00393415	0.30	<5	8.2	<10	149	0.24	44	<10
B00393416	0.07	<5	1.3	<10	10.1	0.02	36	<10
B00393417	0.17	<5	1.2	<10	37.4	0.02	18	<10
B00393418	1.11	<5	22.4	<10	338	0.70	213	<10
B00393419	2.45	<5	29.4	<10	176	2.14	491	<10
B00393420	<0.01	<5	5.7	<10	349	0.14	38	<10
B00393421	0.08	<5	41.2	<10	136	0.14	213	<10
B00393422	0.55	<5	35.5	<10	16.7	0.36	229	<10
B00393423	0.05	<5	<0.5	<10	8.5	0.01	11	<10
B00393832	0.34	14	22.2	<10	195	0.23	224	<10
B00393833	0.34	<5	40.4	<10	92.3	0.53	278	<10
B00393834	0.11	<5	18.7	<10	188	0.13	168	<10
B00393835	2.30	<5	1.8	<10	142	0.03	38	<10
B00393836	0.03	<5	0.7	<10	25.9	<0.01	10	<10
B00393837	0.05	<5	10.6	<10	125	0.13	100	<10
B00393838	1.88	<5	13.9	<10	17.3	0.34	144	<10
B00393839	0.32	32	13.2	<10	171	0.10	126	<10
B00393840	1.81	7	12.0	<10	119	0.33	204	76
B00393841	0.28	6	29.7	<10	188	0.14	228	<10
B00393842	1.11	<5	33.1	<10	442	0.57	258	<10
B00393843	0.29	<5	2.1	<10	43.8	0.05	27	<10
B00393844	0.12	<5	<0.5	<10	2.0	<0.01	6	<10
B00393845	2.29	<5	<0.5	<10	2.3	<0.01	8	<10
B00393846	0.02	<5	<0.5	<10	9.3	<0.01	6	<10
B00393847	0.03	<5	<0.5	<10	1.1	<0.01	3	<10
B00393848	<0.01	<5	<0.5	<10	3.1	<0.01	6	<10
B00393849	0.02	6	18.1	<10	191	0.15	127	<10
B00393850	0.32	<5	29.0	<10	21.4	0.41	218	<10
B00393851	0.31	<5	24.7	<10	320	0.41	188	<10
B00393852	0.45	6	6.4	<10	569	0.34	25	<10
B00393853	0.07	<5	10.0	<10	80.7	0.17	88	<10
B00393854	0.09	30	9.3	<10	252	0.09	81	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00393380	1.49	<5	31.8	<10	157	0.59	275	<10
*Rep B00393421	0.09	<5	40.0	<10	138	0.12	210	<10
*Std OREAS-602	2.27	86	4.1	<10	457	0.20	35	20
*Std RTS-3A	>5.00	8	13.8	39	42.5	0.29	115	16
*Std OREAS-602	2.24	84	4.0	<10	433	0.20	34	19
*Std RTS-3A	>5.00	6	13.0	35	39.9	0.27	109	14
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00393372	8.1	69	89.7	<0.05
B00393373	9.1	85	67.3	0.09
B00393374	13.6	187	91.8	0.39
B00393375	20.8	210	133	0.10
B00393376	1.3	17	6.1	0.06
B00393377	9.0	99	66.3	<0.05
B00393378	1.5	31	89.8	<0.05
B00393379	5.3	35	16.0	0.43
B00393380	10.6	74	26.0	0.29
B00393381	6.3	71	19.0	0.07
B00393382	3.1	146	15.5	<0.05
B00393383	0.7	341	4.2	<0.05
B00393384	0.9	11	9.5	<0.05
B00393385	142	226	1020	<0.05
B00393386	0.6	3	23.0	<0.05
B00393387	2.0	37	7.7	<0.05
B00393388	1.3	12	22.8	<0.05
B00393389	3.9	13	16.7	0.25
B00393390	9.0	54	48.5	0.11
B00393391	32.3	96	145	0.28
B00393392	13.6	87	45.6	<0.05
B00393393	<0.5	3	0.9	<0.05
B00393394	35.4	38	50.8	<0.05
B00393395	15.7	183	132	<0.05
B00393396	2.8	33	16.4	0.09
B00393397	<0.5	3	2.0	<0.05
B00393398	<0.5	15	1.3	<0.05
B00393399	23.7	227	110	0.10
B00393400	5.6	20	36.6	<0.05
B00393401	20.7	93	277	0.07
B00393402	0.7	3	1.3	<0.05
B00393403	2.8	22	8.6	<0.05
B00393404	1.0	44	2.8	0.36
B00393405	1.2	7	23.6	<0.05
B00393406	10.0	111	49.5	<0.05
*Dup B00393406	10.1	114	52.6	<0.05
B00393407	<0.5	8	1.2	<0.05
B00393408	8.0	74	13.3	<0.05
B00393409	55.7	111	279	<0.05
B00393410	1.0	2	0.8	<0.05

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00393411	<0.5	2	4.5	<0.05
B00393412	1.7	3	6.1	<0.05
B00393413	10.5	74	52.0	<0.05
B00393414	9.5	58	57.2	<0.05
B00393415	10.2	50	37.7	<0.05
B00393416	1.9	9	2.6	<0.05
B00393417	0.6	9	1.4	<0.05
B00393418	24.1	129	132	0.06
B00393419	23.3	134	218	<0.05
B00393420	5.7	21	41.3	<0.05
B00393421	4.4	57	22.0	<0.05
B00393422	10.7	63	33.0	<0.05
B00393423	2.1	12	8.0	<0.05
B00393832	8.4	88	71.9	<0.05
B00393833	14.5	84	37.0	0.08
B00393834	10.2	54	75.5	0.26
B00393835	9.8	20	21.8	0.13
B00393836	0.8	13	6.3	<0.05
B00393837	5.1	34	48.2	<0.05
B00393838	13.6	102	57.7	0.18
B00393839	6.2	65	49.9	<0.05
B00393840	17.1	25	120	0.84
B00393841	8.0	63	73.7	<0.05
B00393842	10.1	79	37.1	0.06
B00393843	3.9	24	21.4	0.07
B00393844	<0.5	5	4.5	<0.05
B00393845	0.6	4	1.2	0.12
B00393846	0.5	21	1.3	<0.05
B00393847	<0.5	6	<0.5	<0.05
B00393848	<0.5	28	1.1	<0.05
B00393849	5.8	81	20.7	<0.05
B00393850	17.3	57	33.9	<0.05
B00393851	8.5	79	25.8	0.06
B00393852	17.6	50	56.4	<0.05
B00393853	3.4	87	12.8	<0.05
B00393854	6.2	263	13.4	<0.05

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
*Rep B00393380	10.5	70	25.0	0.43
*Rep B00393421	4.4	58	20.1	<0.05
*Std OREAS-602	5.8	4161	83.5	36.90
*Std RTS-3A	11.2	2593	70.0	1.96
*Std OREAS-602	5.7	4144	83.5	35.43
*Std RTS-3A	11.0	2503	64.8	2.05
*Bik BLANK	<0.5	<1	<0.5	<0.05

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Certificate of Analysis
Work Order : VD1900561
[Report File No.: 000022103]

Date: October 07, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 75
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

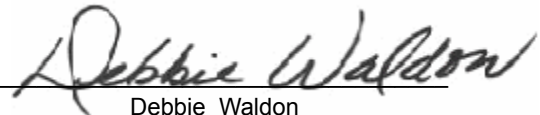
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
75	G_WGH79	Weighing of samples and reporting of weights
75	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.
 Where INF indicated, Pb and Ag not determined due to sample matrix interference

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393855	1.377	0.236	<2	7.02	85	107	3.0	<5
B00393856	0.754	<0.005	<2	6.86	54	49	<0.5	<5
B00393857	0.918	<0.005	<2	8.05	19	196	<0.5	<5
B00393858	0.812	<0.005	<2	0.71	7	7	<0.5	<5
B00393859	1.213	<0.005	<2	7.64	<3	158	0.8	<5
B00393860	0.064	2.485	4	3.75	17	208	0.7	<5
B00393861	0.780	<0.005	<2	7.55	94	249	<0.5	<5
B00393865	0.983	<0.005	<2	5.34	<3	22	<0.5	<5
B00393866	1.276	<0.005	<2	9.06	6	55	<0.5	<5
B00393867	1.313	<0.005	<2	0.36	<3	4	<0.5	<5
B00393868	0.634	<0.005	<2	0.28	<3	11	<0.5	<5
B00393869	1.151	0.012	<2	9.08	12	108	0.6	<5
B00393870	0.637	0.006	<2	3.46	230	314	<0.5	<5
B00393874	0.972	0.077	<2	0.73	6	58	<0.5	<5
B00393875	0.972	<0.005	<2	3.11	4	28	<0.5	<5
B00393616	0.666	0.098	<2	3.87	<3	99	7.1	<5
B00393617	1.443	0.015	<2	8.68	5	147	0.9	<5
B00393618	0.707	<0.005	<2	9.80	3	561	1.0	<5
B00393619	1.255	<0.005	<2	0.06	<3	9	<0.5	<5
B00393620	0.722	<0.005	<2	0.04	<3	6	<0.5	<5
B00393621	1.275	<0.005	<2	8.13	<3	245	1.1	<5
B00393622	1.856	<0.005	<2	0.06	4	4	<0.5	<5
B00393623	1.303	0.029	<2	3.35	245	137	0.7	<5
B00393624	2.554	0.035	<2	0.58	<3	89	<0.5	<5
B00393625	0.430	<0.005	<2	4.62	11	265	<0.5	<5
B00393626	1.369	<0.005	INF	0.44	27	187	1.0	<5
B00393627	1.202	<0.005	<2	9.67	19	57	0.6	<5
B00393628	0.946	<0.005	<2	0.13	<3	47	<0.5	<5
B00393629	2.179	0.044	<2	3.55	267	254	<0.5	<5
B00393630	0.691	<0.005	<2	8.27	3	156	1.2	<5
B00393631	1.063	0.012	<2	7.56	4	346	1.8	<5
B00393632	0.776	<0.005	<2	8.26	<3	37	0.6	<5
B00393633	0.625	0.022	2	1.80	52	48	<0.5	<5
B00393634	1.156	<0.005	<2	3.94	<3	32	<0.5	<5
B00393639	0.969	0.012	<2	0.39	<3	63	0.8	<5
*Dup B00393639	N.A.	0.019	<2	0.41	<3	64	0.8	<5
B00393640	0.114	<0.005	<2	6.20	<3	368	0.9	<5
B00393641	1.201	<0.005	<2	5.68	94	238	1.1	<5
B00393642	1.384	<0.005	<2	3.21	110	181	0.6	<5
B00393643	1.897	0.006	<2	1.46	<3	70	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393644	1.627	<0.005	<2	2.95	18	8	<0.5	<5
B00393645	1.535	0.016	<2	4.96	110	304	1.0	<5
B00393646	0.547	<0.005	<2	6.91	<3	77	0.6	<5
B00393654	1.645	<0.005	<2	0.59	<3	60	<0.5	<5
B00393655	0.950	<0.005	<2	5.66	37	243	0.6	<5
B00393656	1.908	<0.005	<2	0.50	<3	89	<0.5	<5
B00393657	1.196	0.011	<2	2.92	19	128	<0.5	<5
B00393658	1.218	0.177	<2	6.91	577	518	0.8	<5
B00393659	1.103	0.091	<2	0.15	<3	42	<0.5	<5
B00393660	0.063	1.027	<2	6.45	<3	68	0.6	6
B00393661	1.565	<0.005	<2	3.22	6	168	0.7	<5
B00393662	2.684	<0.005	<2	0.69	<3	20	<0.5	<5
B00393663	0.925	<0.005	<2	1.08	4	133	0.9	<5
B00393664	1.118	0.013	<2	2.09	943	82	<0.5	<5
B00393665	1.144	0.036	<2	0.40	7	4	<0.5	<5
B00393683	1.978	0.007	<2	0.35	3	17	<0.5	<5
B00393684	0.918	1.414	<2	0.09	<3	5	<0.5	<5
B00393685	1.411	<0.005	<2	7.20	7	105	0.8	<5
B00393424	0.730	<0.005	<2	0.57	<3	15	<0.5	<5
B00393425	0.966	<0.005	<2	5.02	5	103	0.8	<5
B00393429	0.614	0.019	<2	1.88	15	7	<0.5	<5
B00393436	0.776	0.056	<2	7.26	502	229	<0.5	<5
B00393437	0.916	<0.005	<2	0.26	<3	24	<0.5	<5
B00393438	0.912	0.007	<2	6.90	4	454	1.4	<5
B00393439	1.052	0.007	<2	6.55	<3	8	<0.5	<5
B00393440	0.862	0.019	<2	7.42	<3	6	<0.5	<5
B00393441	0.641	<0.005	<2	6.82	7	64	0.5	<5
B00393442	0.635	<0.005	<2	2.62	324	40	<0.5	<5
B00393876	1.074	<0.005	<2	8.14	8	194	1.0	<5
B00393877	0.960	<0.005	<2	7.15	<3	59	<0.5	<5
B00393878	1.588	<0.005	INF	6.84	<3	177	13.8	<5
B00393879	0.923	<0.005	<2	7.10	<3	88	<0.5	<5
B00393880	0.984	<0.005	<2	7.09	<3	81	<0.5	<5
B00393881	1.260	0.008	<2	0.71	10	22	<0.5	<5
B00393882	0.963	0.006	<2	6.88	10	98	0.5	<5
B00393883	1.089	0.120	<2	0.03	7	2	<0.5	<5
*Rep B00393639		0.017						
*Rep B00393876		<0.005						
*Std OREAS-501C		0.221						
*Std OXE150		0.659						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-235	1.578						
*Blk BLANK	<0.005						
*Rep B00393625		<2	4.18	10	257	<0.5	<5
*Rep B00393437		<2	0.25	<3	24	<0.5	<5
*Std OREAS-602		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A		13	4.97	18	107	<0.5	29
*Std OREAS-602		>100	4.43	632	209	0.8	50
*Std RTS-3A		11	5.13	17	102	<0.5	31
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-903		<2	6.12	52	191	4.4	10
*Std RTS-3A		10	5.26	18	102	<0.5	25

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393855	4.67	<1	84	57	104	11.0	0.63	6.7
B00393856	7.35	<1	37	267	83.3	5.93	0.73	4.7
B00393857	3.44	<1	19	79	108	7.30	0.50	7.3
B00393858	0.10	<1	1	49	3.6	1.08	0.02	0.5
B00393859	3.37	<1	16	133	80.4	5.18	0.47	8.9
B00393860	10.0	<1	7	17	72.1	1.94	1.60	8.9
B00393861	5.93	<1	38	83	34.4	7.31	2.56	2.6
B00393865	4.51	<1	19	64	82.9	4.61	0.02	3.1
B00393866	7.46	<1	42	111	59.0	8.23	0.06	4.6
B00393867	0.88	<1	2	35	312	1.27	<0.01	<0.5
B00393868	0.75	<1	1	29	17.1	1.42	0.02	<0.5
B00393869	2.84	<1	33	49	69.1	11.6	0.80	7.9
B00393870	11.5	<1	50	1379	62.1	6.25	0.78	2.7
B00393874	0.11	<1	<1	22	7.5	0.96	0.12	<0.5
B00393875	0.29	<1	1	41	2.0	1.09	0.08	3.9
B00393616	5.80	<1	19	34	155	9.13	0.24	9.1
B00393617	3.66	<1	25	24	68.3	8.35	1.14	14.0
B00393618	5.06	<1	28	21	216	7.89	1.53	14.9
B00393619	0.06	<1	<1	51	28.2	0.71	0.01	<0.5
B00393620	0.17	<1	<1	19	2.7	0.89	0.01	<0.5
B00393621	3.25	<1	14	7	237	7.20	0.96	32.4
B00393622	0.89	<1	<1	50	28.8	3.77	0.01	<0.5
B00393623	8.68	<1	56	795	81.9	7.59	0.71	9.3
B00393624	0.22	<1	2	22	31.0	0.98	0.30	2.1
B00393625	1.23	<1	15	60	45.0	4.57	1.68	4.1
B00393626	>15.0	<1	3	3	1.8	10.0	0.64	514
B00393627	3.15	<1	13	9	36.9	5.99	0.12	9.3
B00393628	1.12	<1	1	19	56.6	2.75	0.03	1.2
B00393629	9.21	<1	56	825	120	6.76	1.21	6.7
B00393630	5.22	1	28	71	202	8.47	0.62	17.4
B00393631	6.01	<1	20	72	123	10.3	0.67	20.6
B00393632	4.87	<1	23	32	310	7.38	0.02	11.6
B00393633	0.26	8	33	75	418	>15.0	0.60	1.5
B00393634	4.54	<1	6	17	111	3.31	0.12	2.1
B00393639	0.55	<1	3	31	36.2	>15.0	0.19	1.8
*Dup B00393639	0.64	<1	3	23	43.8	>15.0	0.20	2.2
B00393640	1.67	<1	5	46	4.9	1.94	1.23	8.6
B00393641	8.04	<1	52	581	102	7.25	1.09	15.1
B00393642	9.46	<1	64	1007	78.0	7.90	0.62	8.6
B00393643	9.81	<1	9	86	48.4	10.2	0.52	9.9

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393644	6.04	<1	42	800	75.5	7.86	<0.01	8.7
B00393645	11.4	<1	28	416	101	7.17	0.24	18.2
B00393646	4.36	<1	38	66	210	9.18	0.12	8.2
B00393654	>15.0	<1	1	4	2.1	1.48	0.52	2.6
B00393655	5.55	<1	36	90	144	8.38	2.10	7.4
B00393656	0.72	<1	3	18	8.1	1.04	0.25	11.4
B00393657	1.13	<1	14	55	157	12.5	0.12	6.2
B00393658	7.54	2	25	153	165	5.60	2.98	5.7
B00393659	4.36	<1	7	14	84.4	6.89	0.05	1.6
B00393660	3.46	<1	13	27	4852	>15.0	2.58	6.9
B00393661	0.41	<1	6	63	23.0	2.74	0.84	16.9
B00393662	0.44	<1	<1	31	3.4	1.44	0.07	1.4
B00393663	11.9	<1	6	30	3.2	7.70	0.54	14.9
B00393664	6.74	4	82	1144	88.1	7.99	0.63	4.0
B00393665	0.42	<1	1	27	6.4	1.32	0.02	0.7
B00393683	2.00	<1	2	21	<0.5	2.75	0.12	<0.5
B00393684	0.24	<1	<1	23	2.4	1.07	0.02	<0.5
B00393685	1.10	<1	29	13	37.6	11.1	0.20	10.9
B00393424	0.78	<1	2	26	32.2	1.61	0.07	1.1
B00393425	5.20	<1	24	62	288	6.00	0.31	15.5
B00393429	0.62	<1	11	25	20.4	4.42	0.04	1.4
B00393436	7.27	2	34	172	65.1	6.53	2.16	1.3
B00393437	0.60	<1	12	34	93.6	2.51	0.11	0.7
B00393438	4.70	<1	19	5	29.4	9.20	0.72	24.6
B00393439	8.99	<1	21	159	294	4.83	0.05	0.9
B00393440	9.49	<1	26	264	362	5.19	<0.01	1.0
B00393441	4.52	<1	42	7	33.2	10.6	0.09	3.0
B00393442	3.16	<1	98	2216	84.1	9.34	0.15	3.9
B00393876	4.25	<1	25	28	35.2	6.31	0.93	43.6
B00393877	7.31	<1	46	68	135	9.75	0.12	6.3
B00393878	7.71	<1	3	11	4.0	4.70	0.57	4.3
B00393879	6.99	<1	37	56	128	9.64	0.18	5.3
B00393880	7.76	<1	45	54	119	9.49	0.16	5.1
B00393881	0.40	<1	9	23	131	2.83	0.18	<0.5
B00393882	3.35	<1	24	17	249	6.64	0.89	11.1
B00393883	0.54	<1	1	39	10.0	4.67	<0.01	<0.5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
*Rep B00393625	1.17	<1	15	53	44.0	4.33	1.64	3.8
*Rep B00393437	0.59	<1	12	38	87.7	2.50	0.11	0.7
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	1.93	8	116	140	2243	>15.0	0.46	7.9
*Std OREAS-602	0.63	28	9	27	5205	2.19	0.68	16.6
*Std RTS-3A	2.02	8	117	134	2382	>15.0	0.46	8.0
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5
*Bik BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-903	0.64	<1	122	76	6392	4.11	3.42	36.4
*Std RTS-3A	2.09	9	111	139	2239	>15.0	0.46	9.4

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393855	7	2.11	2721	<1	2.87	30	0.06	120
B00393856	14	3.16	1078	<1	2.37	145	0.05	3
B00393857	10	2.52	923	1	4.33	16	0.08	9
B00393858	1	0.03	193	3	0.53	5	0.01	<2
B00393859	7	2.37	850	<1	4.58	22	0.07	5
B00393860	44	0.62	574	3	0.60	9	0.04	12
B00393861	7	2.95	1602	<1	0.93	63	0.04	4
B00393865	4	1.85	930	<1	1.07	24	0.02	3
B00393866	6	3.59	1350	<1	1.77	43	0.05	3
B00393867	<1	0.16	172	2	0.06	3	0.02	<2
B00393868	<1	0.14	425	2	0.05	3	<0.01	<2
B00393869	14	2.88	961	2	2.52	21	0.10	10
B00393870	7	5.01	1238	<1	0.70	472	0.04	3
B00393874	<1	0.03	102	2	0.49	6	<0.01	50
B00393875	<1	0.03	166	2	2.42	6	0.04	7
B00393616	11	1.34	3418	<1	0.27	17	0.12	22
B00393617	12	1.08	454	<1	3.49	10	0.11	9
B00393618	16	1.80	1104	2	1.61	14	0.11	9
B00393619	<1	0.01	81	3	0.01	3	0.01	<2
B00393620	<1	0.01	115	2	<0.01	3	<0.01	<2
B00393621	7	1.40	923	43	4.12	<1	0.33	15
B00393622	<1	0.03	199	3	<0.01	13	<0.01	2
B00393623	28	5.80	1153	<1	0.02	529	0.06	2
B00393624	<1	0.05	115	2	0.01	3	0.02	<2
B00393625	7	1.33	1080	1	0.88	23	0.04	6
B00393626	109	6.16	>10000	69	0.01	<1	0.87	INF
B00393627	12	1.47	1261	<1	4.30	2	0.08	2
B00393628	<1	0.11	390	2	0.01	3	0.01	<2
B00393629	13	4.27	1105	<1	0.44	584	0.05	3
B00393630	8	1.86	1092	1	2.92	106	0.14	22
B00393631	12	1.66	1901	2	0.28	22	0.19	18
B00393632	11	2.05	1126	<1	2.67	11	0.10	3
B00393633	5	0.33	292	41	0.32	645	0.02	20
B00393634	13	1.22	611	<1	1.67	3	0.05	<2
B00393639	<1	0.59	538	<1	<0.01	5	0.03	5
*Dup B00393639	<1	0.63	555	<1	<0.01	5	0.03	6
B00393640	8	0.55	294	<1	2.67	20	0.02	9
B00393641	9	3.27	1058	<1	2.00	231	0.10	2
B00393642	20	5.42	1334	<1	0.08	535	0.06	3
B00393643	1	0.95	1897	2	0.12	42	0.27	3

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00393644	19	9.12	1136	<1	<0.01	476	0.09	3
B00393645	12	3.46	977	<1	1.16	64	0.11	4
B00393646	12	2.80	1489	1	2.82	23	0.10	4
B00393654	2	12.1	623	<1	0.12	2	<0.01	3
B00393655	8	2.31	1531	1	0.86	65	0.07	6
B00393656	2	0.06	199	2	0.03	7	<0.01	238
B00393657	23	2.05	1087	9	0.25	29	0.05	15
B00393658	3	3.06	1093	<1	0.22	46	0.05	5
B00393659	<1	0.96	904	<1	0.02	7	0.13	3
B00393660	118	0.77	2965	191	0.66	12	0.44	7
B00393661	27	0.44	464	2	0.87	19	0.02	112
B00393662	2	0.04	300	3	0.41	6	0.04	37
B00393663	1	3.30	8289	<1	0.02	12	0.03	4
B00393664	2	10.7	1369	<1	0.17	835	<0.01	2
B00393665	1	0.08	282	3	0.22	9	0.06	<2
B00393683	<1	0.42	496	2	0.06	11	<0.01	<2
B00393684	<1	0.03	139	3	<0.01	5	<0.01	<2
B00393685	18	1.87	1159	<1	3.04	5	0.17	3
B00393424	3	0.32	182	5	0.08	5	0.01	<2
B00393425	7	2.35	916	3	0.93	29	0.10	4
B00393429	8	0.42	410	2	0.69	3	0.04	7
B00393436	23	3.39	1124	<1	1.06	53	0.02	3
B00393437	1	0.04	176	2	0.02	40	<0.01	10
B00393438	14	2.30	1422	1	1.44	7	0.30	4
B00393439	3	1.32	344	2	0.02	57	0.01	3
B00393440	3	1.47	400	5	0.01	171	0.02	3
B00393441	43	3.02	1338	<1	2.55	13	0.05	6
B00393442	32	10.6	1421	<1	0.12	888	0.04	2
B00393876	85	2.87	1254	<1	2.80	26	0.24	14
B00393877	7	3.36	1095	<1	2.27	59	0.07	3
B00393878	3	0.45	>10000	<1	0.65	1	0.03	5
B00393879	6	3.21	1054	<1	2.18	50	0.06	4
B00393880	4	3.13	1009	<1	2.06	61	0.07	3
B00393881	2	0.12	195	2	0.07	4	<0.01	4
B00393882	26	1.24	797	2	1.67	7	0.10	8
B00393883	<1	0.02	137	3	<0.01	15	<0.01	<2

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00393625	7	1.30	1030	1	0.86	23	0.04	6
*Rep B00393437	1	0.04	177	2	0.02	40	<0.01	9
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	14	2.47	1392	1	0.66	56	0.04	201
*Std OREAS-602	20	0.22	225	5	0.43	59	0.06	1073
*Std RTS-3A	15	2.52	1408	2	0.64	55	0.04	197
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Bik BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-903	18	0.73	664	4	0.03	52	0.11	12
*Std RTS-3A	15	2.38	1412	2	0.72	52	0.04	178

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393855	>5.00	11	25.9	<10	351	0.63	219	<10
B00393856	0.03	5	23.8	<10	157	0.44	177	<10
B00393857	0.18	8	22.9	<10	242	0.49	203	<10
B00393858	<0.01	<5	1.0	<10	7.8	0.01	7	<10
B00393859	0.78	5	15.2	<10	368	0.43	162	<10
B00393860	0.60	<5	6.6	<10	232	0.16	65	<10
B00393861	0.44	15	35.8	<10	193	0.40	263	<10
B00393865	0.01	<5	17.5	<10	312	0.32	189	<10
B00393866	0.64	<5	36.7	<10	274	0.59	300	<10
B00393867	0.03	<5	<0.5	<10	7.0	0.01	10	<10
B00393868	<0.01	<5	1.8	<10	12.4	<0.01	8	<10
B00393869	>5.00	7	26.0	<10	164	0.64	221	<10
B00393870	0.06	258	20.5	<10	243	0.10	171	<10
B00393874	0.01	<5	0.6	<10	7.2	<0.01	10	<10
B00393875	0.01	<5	1.4	<10	114	<0.01	7	<10
B00393616	2.07	<5	5.7	<10	220	0.19	59	<10
B00393617	3.95	8	32.6	<10	233	0.95	312	<10
B00393618	1.27	5	30.9	<10	303	0.87	277	<10
B00393619	0.01	<5	<0.5	<10	1.7	<0.01	3	<10
B00393620	<0.01	<5	<0.5	<10	1.3	<0.01	2	<10
B00393621	1.70	<5	29.6	<10	139	1.19	44	<10
B00393622	2.03	<5	<0.5	<10	27.8	<0.01	9	<10
B00393623	0.08	12	18.8	<10	217	0.10	193	<10
B00393624	0.16	<5	0.8	<10	8.2	0.02	5	<10
B00393625	0.01	<5	12.3	<10	60.1	0.29	105	<10
B00393626	0.03	<5	4.4	<10	2705	0.09	91	<10
B00393627	0.59	<5	7.2	<10	296	0.37	73	<10
B00393628	0.76	<5	1.4	<10	12.6	<0.01	29	<10
B00393629	0.51	20	20.5	<10	211	0.18	182	<10
B00393630	2.56	6	22.9	<10	753	0.62	218	<10
B00393631	1.31	6	15.9	<10	1553	0.50	132	<10
B00393632	0.15	<5	22.2	<10	261	0.75	215	<10
B00393633	>5.00	8	6.5	<10	5.5	0.12	382	<10
B00393634	0.29	<5	3.0	<10	95.1	0.14	42	<10
B00393639	0.17	<5	1.7	<10	10.2	0.02	23	<10
*Dup B00393639	0.22	<5	1.8	<10	11.9	0.01	23	<10
B00393640	<0.01	<5	5.5	<10	341	0.13	40	<10
B00393641	0.29	11	29.4	<10	244	0.52	324	<10
B00393642	0.13	13	17.2	<10	215	0.07	182	<10
B00393643	1.20	<5	6.1	<10	191	0.03	65	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00393644	0.07	12	23.1	<10	214	0.12	177	<10
B00393645	0.06	11	22.5	<10	126	0.62	261	<10
B00393646	1.52	6	36.1	<10	118	0.75	208	<10
B00393654	<0.01	<5	<0.5	<10	85.9	<0.01	<2	<10
B00393655	1.26	<5	21.1	<10	137	0.19	228	<10
B00393656	<0.01	<5	0.5	<10	8.6	<0.01	11	<10
B00393657	2.36	5	11.1	<10	30.5	0.35	179	<10
B00393658	0.31	33	28.7	<10	328	0.10	206	<10
B00393659	1.58	<5	<0.5	<10	10.4	<0.01	8	<10
B00393660	0.67	<5	5.5	81	112	0.10	48	3003
B00393661	0.03	<5	4.5	<10	73.5	0.09	35	<10
B00393662	<0.01	<5	0.6	<10	70.1	<0.01	5	<10
B00393663	0.23	<5	4.9	<10	341	0.02	15	<10
B00393664	0.02	66	12.7	<10	372	0.02	108	<10
B00393665	<0.01	<5	1.4	<10	13.3	<0.01	7	<10
B00393683	0.03	<5	<0.5	<10	29.7	<0.01	8	<10
B00393684	<0.01	<5	<0.5	<10	5.4	<0.01	8	<10
B00393685	1.10	7	30.6	<10	71.9	1.08	211	<10
B00393424	0.02	<5	2.2	<10	3.8	0.08	24	<10
B00393425	0.14	6	15.3	<10	627	0.49	138	<10
B00393429	0.69	<5	2.2	<10	13.0	0.03	7	<10
B00393436	0.21	6	35.4	<10	126	0.13	217	<10
B00393437	0.86	<5	<0.5	<10	15.7	<0.01	5	<10
B00393438	0.58	<5	11.6	<10	135	0.57	17	<10
B00393439	0.26	<5	20.4	<10	12.4	0.25	164	<10
B00393440	0.36	<5	22.4	<10	12.9	0.27	176	<10
B00393441	0.55	<5	37.5	<10	104	0.41	668	<10
B00393442	0.28	62	17.4	<10	157	0.03	154	<10
B00393876	0.35	<5	21.3	<10	482	0.43	214	<10
B00393877	1.30	7	45.1	<10	249	0.97	337	<10
B00393878	0.08	<5	2.4	<10	124	0.12	12	<10
B00393879	1.01	6	46.8	<10	230	0.95	371	<10
B00393880	1.24	6	42.3	<10	308	0.89	364	<10
B00393881	0.32	<5	0.7	<10	17.1	0.03	18	<10
B00393882	0.99	7	13.4	<10	156	0.60	126	<10
B00393883	0.09	<5	<0.5	<10	5.1	<0.01	6	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
*Rep B00393625	<0.01	<5	12.1	<10	56.4	0.29	103	<10
*Rep B00393437	0.86	<5	<0.5	<10	15.7	<0.01	5	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	>5.00	6	13.8	41	42.0	0.27	109	16
*Std OREAS-602	2.07	80	4.0	<10	440	0.19	32	21
*Std RTS-3A	>5.00	6	14.3	39	46.3	0.29	107	19
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Bik BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-903	0.48	<5	9.8	<10	74.7	0.15	68	<10
*Std RTS-3A	>5.00	<5	14.5	37	43.3	0.32	101	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00393855	12.1	71	39.5	1.90
B00393856	5.4	86	28.7	<0.05
B00393857	13.6	73	65.4	0.11
B00393858	1.0	7	3.4	<0.05
B00393859	12.5	52	72.7	<0.05
B00393860	7.0	39	49.7	2.12
B00393861	9.1	63	32.6	<0.05
B00393865	6.2	44	13.6	<0.05
B00393866	10.4	82	42.3	<0.05
B00393867	<0.5	8	0.8	<0.05
B00393868	1.1	10	3.9	<0.05
B00393869	13.0	86	39.6	2.94
B00393870	8.8	44	51.7	<0.05
B00393874	<0.5	53	1.5	<0.05
B00393875	3.4	13	18.5	0.26
B00393616	11.9	93	57.8	0.28
B00393617	22.5	74	119	1.01
B00393618	24.9	1191	148	0.41
B00393619	<0.5	2	1.0	<0.05
B00393620	<0.5	2	0.9	<0.05
B00393621	47.7	54	237	0.36
B00393622	0.6	23	3.0	<0.05
B00393623	10.0	78	82.3	<0.05
B00393624	2.5	21	13.1	<0.05
B00393625	11.2	67	48.1	<0.05
B00393626	142	166	27.5	0.08
B00393627	14.8	41	91.8	<0.05
B00393628	1.0	4	1.9	<0.05
B00393629	8.2	51	60.6	<0.05
B00393630	25.3	474	127	0.19
B00393631	25.3	104	135	0.28
B00393632	24.5	73	115	<0.05
B00393633	10.7	1740	59.4	0.62
B00393634	3.7	45	15.7	<0.05
B00393639	4.4	30	19.2	0.21
*Dup B00393639	4.5	31	19.1	0.23
B00393640	5.9	20	41.6	0.05
B00393641	14.1	92	109	<0.05
B00393642	8.2	71	66.8	<0.05
B00393643	12.2	29	23.3	0.09

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00393644	8.6	63	95.8	<0.05
B00393645	14.7	90	151	<0.05
B00393646	43.4	93	104	<0.05
B00393654	1.3	12	6.0	<0.05
B00393655	13.8	95	90.4	0.10
B00393656	2.1	14	2.6	0.10
B00393657	11.5	35	61.2	0.21
B00393658	6.6	54	36.9	0.07
B00393659	5.1	18	5.6	0.11
B00393660	7.0	316	35.9	0.24
B00393661	4.8	88	60.9	<0.05
B00393662	1.8	15	2.5	<0.05
B00393663	8.7	65	21.5	<0.05
B00393664	5.3	55	39.7	<0.05
B00393665	2.5	33	3.6	<0.05
B00393683	0.9	20	2.1	<0.05
B00393684	0.7	3	0.8	<0.05
B00393685	35.7	129	202	<0.05
B00393424	2.5	11	13.9	<0.05
B00393425	19.2	73	107	0.06
B00393429	3.3	170	20.1	0.11
B00393436	6.6	56	17.1	0.25
B00393437	0.5	45	6.0	0.05
B00393438	27.6	99	162	<0.05
B00393439	7.3	41	21.6	<0.05
B00393440	8.1	59	24.3	<0.05
B00393441	9.2	104	44.6	<0.05
B00393442	4.8	93	48.1	<0.05
B00393876	16.3	89	146	<0.05
B00393877	26.1	80	73.2	<0.05
B00393878	6.5	172	23.8	<0.05
B00393879	24.3	68	61.7	<0.05
B00393880	23.9	86	57.1	<0.05
B00393881	1.0	9	4.9	<0.05
B00393882	18.8	58	91.2	<0.05
B00393883	<0.5	2	2.6	<0.05

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm
*Rep B00393625	10.7	65	42.4	<0.05
*Rep B00393437	0.5	43	6.1	<0.05
*Std OREAS-602	N.A.	N.A.	N.A.	40.05
*Std RTS-3A	11.5	2625	73.4	2.07
*Std OREAS-602	5.7	4252	79.4	37.69
*Std RTS-3A	11.6	2709	73.7	1.92
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Blk BLANK	N.A.	N.A.	N.A.	
*Std OREAS-903	21.2	27	153	
*Std RTS-3A				1.81
*Std RTS-3A	11.9	2731	67.2	

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Certificate of Analysis
Work Order : VD1900562
[Report File No.: 0000022087]

Date: October 07, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 22
 Received: Sep 3, 2019
 Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
22	SHIP	Shipping
22	G_WGH79	Weighing of samples and reporting of weights
22	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
22	GE_FAA515	@Au, FAS, AAS, 50g-5ml
22	GE_ICP40B	@ICP-OES after Multi-Acid Digest
22	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GO_FAG505	@Au 0.5 ppm 50g, Fire assay, gravimetric finish

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393884	1.067	0.010	17	3.17	10	704	4.3	<5
B00393885	0.721	<0.005	<2	0.07	<3	41	<0.5	<5
B00393897	1.515	0.027	<2	3.06	<3	7	<0.5	<5
B00393898	1.302	<0.005	<2	0.67	<3	4	<0.5	<5
B00393899	0.974	<0.005	<2	3.00	340	183	<0.5	<5
B00393900	0.228	<0.005	<2	6.02	<3	364	1.0	<5
B00393057	0.912	0.055	<2	0.07	7	21	<0.5	<5
B00393058	0.518	0.024	<2	0.41	43	6	<0.5	<5
B00393059	0.984	<0.005	<2	0.03	9	2	<0.5	<5
B00393060	0.738	<0.005	<2	0.03	7	2	<0.5	<5
B00393061	0.742	<0.005	<2	5.85	<3	5	5.6	<5
B00393062	0.782	>10.00	22	0.32	328	22	<0.5	<5
B00393063	1.009	0.561	<2	0.49	14	19	<0.5	<5
B00393064	0.997	0.011	<2	3.69	20	65	<0.5	<5
B00393065	0.877	0.110	<2	1.08	17	42	<0.5	<5
B00393066	1.033	<0.005	<2	3.04	4	3	2.9	<5
B00393067	0.973	0.033	<2	2.50	65	43	<0.5	<5
B00393068	1.068	0.011	<2	8.88	7	93	<0.5	<5
B00393069	1.551	5.435	4	0.79	131	29	<0.5	<5
B00393070	0.920	0.010	<2	2.67	27	101	<0.5	<5
B00393071	1.232	0.029	<2	0.24	5	5	<0.5	<5
B00393072	1.109	0.061	2	5.39	114	194	0.9	<5
*Rep B00393060		<0.005						
*Std OREAS-217		0.337						
*Rep B00393064			<2	3.80	22	67	<0.5	<5
*Std OREAS-602			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A			11	4.82	19	104	<0.5	30

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393884	0.21	<1	2	20	5.7	2.23	2.89	132
B00393885	4.13	<1	2	15	2.0	0.95	0.02	2.1
B00393897	4.68	2	12	77	38.8	2.48	0.01	<0.5
B00393898	0.61	<1	<1	18	9.0	1.30	0.01	<0.5
B00393899	11.0	1	56	826	73.7	6.47	0.84	2.6
B00393900	1.73	<1	5	29	5.2	1.74	1.22	9.1
B00393057	0.51	<1	<1	37	59.4	2.95	0.03	<0.5
B00393058	2.45	<1	6	33	59.0	6.47	<0.01	4.3
B00393059	0.10	<1	2	56	60.7	4.39	<0.01	<0.5
B00393060	0.12	<1	1	44	83.7	3.68	<0.01	<0.5
B00393061	8.64	<1	25	29	243	4.37	<0.01	1.4
B00393062	0.10	4	2	23	133	3.64	0.09	<0.5
B00393063	0.68	8	3	33	14.6	1.57	0.07	0.8
B00393064	2.36	<1	23	21	111	8.46	0.72	8.1
B00393065	1.02	<1	2	21	4.6	2.01	0.26	1.2
B00393066	8.21	5	13	21	97.6	3.17	<0.01	0.6
B00393067	3.02	<1	9	45	<0.5	3.33	0.17	3.2
B00393068	4.59	<1	43	73	39.2	7.90	0.04	8.5
B00393069	0.06	<1	3	21	14.0	2.35	0.10	0.6
B00393070	7.36	<1	19	37	53.1	4.27	0.23	2.0
B00393071	0.18	3	<1	16	33.0	0.92	0.01	<0.5
B00393072	0.74	2	31	45	222	13.1	1.40	5.6
*Rep B00393064	2.39	<1	24	20	116	8.75	0.74	7.9
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	2.02	9	120	149	2212	>15.0	0.46	7.8

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393884	3	0.41	248	2	0.46	5	<0.01	51
B00393885	<1	0.04	377	2	0.02	7	<0.01	2
B00393897	2	0.38	159	1	0.02	39	<0.01	<2
B00393898	<1	0.03	295	2	0.53	4	<0.01	<2
B00393899	5	5.31	1068	<1	0.33	626	0.04	3
B00393900	8	0.54	279	<1	2.62	20	0.02	7
B00393057	<1	0.05	291	3	<0.01	10	<0.01	3
B00393058	4	0.61	519	1	<0.01	25	0.05	7
B00393059	<1	<0.01	95	3	<0.01	62	0.01	11
B00393060	<1	<0.01	86	2	<0.01	73	0.01	7
B00393061	2	1.15	3720	<1	0.07	47	0.01	5
B00393062	<1	0.03	120	2	0.13	6	<0.01	2658
B00393063	<1	0.11	278	3	0.29	8	<0.01	20
B00393064	33	1.81	1208	1	0.09	3	0.13	5
B00393065	1	0.19	422	2	0.46	7	<0.01	5
B00393066	3	0.69	4857	1	0.03	14	<0.01	2
B00393067	<1	0.69	586	2	1.90	19	<0.01	2
B00393068	3	0.81	440	1	3.91	41	0.04	5
B00393069	<1	0.02	112	4	0.54	13	<0.01	41
B00393070	9	1.07	934	<1	0.95	23	0.02	<2
B00393071	<1	0.01	133	3	0.17	4	<0.01	44
B00393072	12	1.36	524	2	1.34	95	0.04	86
*Rep B00393064	33	1.85	1235	1	0.10	3	0.13	5
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	15	2.40	1411	2	0.65	57	0.04	197

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393884	0.10	<5	0.8	10	23.6	0.10	14	<10
B00393885	0.11	<5	2.7	<10	74.4	<0.01	2	<10
B00393897	0.12	<5	10.7	<10	7.2	0.12	72	<10
B00393898	<0.01	<5	1.3	<10	10.3	<0.01	3	<10
B00393899	0.12	14	17.4	<10	225	0.12	160	<10
B00393900	<0.01	<5	5.6	<10	387	0.14	39	<10
B00393057	1.03	<5	<0.5	<10	9.9	<0.01	7	<10
B00393058	2.05	6	2.5	<10	161	<0.01	31	<10
B00393059	2.30	<5	<0.5	<10	2.8	<0.01	6	<10
B00393060	1.95	<5	<0.5	<10	3.1	<0.01	4	<10
B00393061	0.14	<5	6.7	<10	251	0.07	108	<10
B00393062	2.51	29	1.6	<10	7.8	0.02	19	<10
B00393063	0.15	6	2.6	<10	23.5	0.04	17	<10
B00393064	0.10	<5	21.8	<10	64.9	0.27	137	<10
B00393065	0.10	<5	5.4	<10	36.1	0.05	40	<10
B00393066	0.07	<5	5.2	<10	17.3	0.08	55	<10
B00393067	0.11	<5	9.8	<10	106	0.15	79	<10
B00393068	3.51	6	37.4	<10	501	0.66	321	<10
B00393069	1.23	8	1.1	<10	6.9	0.02	18	<10
B00393070	0.04	<5	12.4	<10	244	0.16	140	<10
B00393071	0.05	7	0.5	<10	7.8	<0.01	4	<10
B00393072	>5.00	11	17.3	<10	21.6	0.27	122	<10
*Rep B00393064	0.10	<5	22.2	<10	65.6	0.22	141	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	>5.00	8	14.3	41	47.8	0.29	108	22

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm
B00393884	135	150	1733	<0.05	N.A.
B00393885	1.9	4	2.3	<0.05	N.A.
B00393897	4.1	17	12.3	0.06	N.A.
B00393898	1.3	5	2.8	<0.05	N.A.
B00393899	5.9	47	49.3	<0.05	N.A.
B00393900	5.8	22	41.5	<0.05	N.A.
B00393057	<0.5	10	3.2	0.25	N.A.
B00393058	7.1	28	9.4	0.20	N.A.
B00393059	<0.5	14	3.2	<0.05	N.A.
B00393060	<0.5	9	2.6	<0.05	N.A.
B00393061	14.0	74	10.8	0.41	N.A.
B00393062	0.5	405	4.9	0.36	65.78
B00393063	1.1	1293	4.4	<0.05	N.A.
B00393064	17.1	99	136	0.10	N.A.
B00393065	2.6	22	13.1	<0.05	N.A.
B00393066	5.6	512	7.9	0.05	N.A.
B00393067	4.4	15	28.7	<0.05	N.A.
B00393068	13.3	34	46.8	1.13	N.A.
B00393069	0.6	47	6.2	0.05	N.A.
B00393070	7.2	54	26.1	<0.05	N.A.
B00393071	<0.5	582	1.1	0.07	N.A.
B00393072	30.3	729	171	2.26	N.A.
*Rep B00393064	17.1	101	139	<0.05	
*Std OREAS-602	N.A.	N.A.	N.A.	39.73	
*Std RTS-3A	11.7	2697	77.8	1.70	
*Std SQ87_30.87AU					30.15
*Bik BLANK					<0.50

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Certificate of Analysis
Provisional : Work Order : VD1900563
[Report File No.: 000022042]

Date: October 03, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 75
Received: Sep 3, 2019
Pages: Page 1 to 3
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
70	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
3	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site Assays not suitable for commercial exchange.

Certified By : _____
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element	WtKg	@Au
Method	G_WGH79	GE_FAA515
Det.Lim.	0.001	0.005
Units	kg	ppm
B00395167	1.286	0.013
B00395168	1.540	<0.005
B00395169	2.026	<0.005
B00395170	0.294	<0.005
B00395171	2.127	<0.005
B00395172	1.590	0.005
B00395173	1.606	<0.005
B00395174	2.420	<0.005
B00395175	2.048	0.006
B00395176	1.743	<0.005
B00395177	2.169	<0.005
B00395178	1.287	<0.005
B00395179	2.117	<0.005
B00395180	N.A.	<0.005
B00395181	2.082	<0.005
B00395182	2.065	<0.005
B00395183	1.993	0.005
B00395184	1.870	<0.005
B00395185	1.983	<0.005
B00395186	2.151	<0.005
B00395187	2.085	<0.005
B00395188	1.939	<0.005
B00395189	1.995	<0.005
B00395190	0.063	2.534
B00395191	1.794	<0.005
B00395192	1.806	<0.005
B00395193	1.961	0.007
B00395194	2.041	<0.005
B00395195	1.928	0.008
B00395196	1.906	<0.005
B00395197	1.878	<0.005
B00395198	1.836	<0.005
B00395199	1.916	0.107
B00395200	0.236	<0.005
B00395201	2.106	<0.005
*Dup B00395201	N.A.	<0.005
B00395202	2.197	<0.005
B00395203	2.176	<0.005
B00395204	2.049	<0.005
B00395205	2.358	<0.005

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Provisional : VD1900563 Order:

Report File No.: 0000022042

Element	WtKg	@Au
Method	G_WGH79	GE_FAA515
Det.Lim.	0.001	0.005
Units	kg	ppm
B00395206	2.134	<0.005
B00395207	1.945	<0.005
B00395208	2.275	<0.005
B00395209	2.052	<0.005
B00395210	N.A.	<0.005
B00395211	2.147	<0.005
B00395212	2.147	<0.005
B00395213	2.366	<0.005
B00395214	1.905	0.006
B00395215	2.074	<0.005
B00395216	2.008	<0.005
B00395217	2.003	<0.005
B00395218	1.904	<0.005
B00395219	1.890	<0.005
B00395220	0.061	0.372
B00395221	2.062	0.005
B00395222	2.074	<0.005
B00395223	1.927	<0.005
B00395224	2.080	<0.005
B00395225	1.811	<0.005
B00395226	2.124	<0.005
B00395227	1.857	<0.005
B00395228	2.025	0.014
B00395229	1.839	<0.005
B00395230	0.221	<0.005
B00395231	2.084	<0.005
B00395232	2.063	<0.005
B00395233	1.923	<0.005
B00395234	2.038	<0.005
B00395235	2.118	<0.005
B00395236	2.189	<0.005
B00395237	1.741	<0.005
B00395238	2.148	<0.005
B00395239	2.062	<0.005
B00395240	N.A.	<0.005
B00395241	1.971	<0.005

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Certificate of Analysis
Work Order : VD1900564
[Report File No.: 000022118]

Date: October 08, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 75
Received: Sep 3, 2019
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
73	G_WGH79	Weighing of samples and reporting of weights
72	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site Assays not suitable for commercial exchange.

Certified By : 
Debbie Waldon
Project Coordinator

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Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395242	2.039	<0.005	<2	6.18	18	559	1.9	<5
B00395243	2.059	<0.005	<2	5.95	12	510	1.8	<5
B00395244	2.207	<0.005	<2	7.07	33	645	2.1	<5
B00395245	2.195	<0.005	<2	6.76	20	575	2.0	<5
B00395246	2.134	<0.005	<2	4.96	15	141	0.7	<5
B00395247	2.110	<0.005	<2	4.16	21	49	<0.5	<5
B00395248	2.193	<0.005	<2	6.10	15	598	1.9	<5
B00395249	2.308	<0.005	<2	5.97	20	527	1.7	<5
B00395250	0.064	1.060	<2	6.07	5	70	0.6	6
B00395251	2.193	<0.005	<2	6.41	15	542	1.9	<5
B00395252	2.018	<0.005	<2	6.36	18	542	1.9	<5
B00395253	2.029	<0.005	<2	7.76	16	701	2.2	<5
B00395254	2.215	<0.005	<2	6.52	14	663	1.8	<5
B00395255	2.076	<0.005	<2	6.43	22	528	1.5	<5
B00395256	2.159	<0.005	<2	5.08	14	601	1.1	<5
B00395257	2.688	<0.005	<2	5.75	3	166	0.7	<5
B00395258	1.686	<0.005	<2	5.42	19	408	0.8	<5
B00395259	1.833	<0.005	<2	6.28	4	657	1.0	<5
B00395260	0.230	<0.005	<2	6.10	<3	372	1.0	<5
B00395261	1.624	<0.005	<2	5.61	3	859	0.6	<5
B00395262	2.493	<0.005	<2	4.19	15	29	<0.5	<5
B00395263	1.765	<0.005	<2	5.16	<3	37	0.5	<5
B00395264	2.623	<0.005	<2	4.95	5	159	0.6	<5
B00395265	1.276	<0.005	<2	5.04	10	137	0.8	<5
B00395266	2.101	<0.005	<2	6.43	<3	257	1.2	<5
B00395267	1.694	<0.005	<2	6.23	6	183	1.1	<5
B00395268	2.006	<0.005	<2	6.36	10	177	1.3	<5
B00395269	2.000	<0.005	<2	6.29	13	70	1.1	<5
B00395270	N.A.	<0.005	<2	6.23	12	72	1.1	<5
B00395271	1.971	<0.005	<2	5.35	9	260	0.9	<5
B00395272	1.946	<0.005	<2	6.76	5	311	1.1	<5
B00395273	1.807	<0.005	<2	6.88	<3	77	0.8	<5
B00395274	1.810	<0.005	<2	6.27	<3	530	0.9	<5
B00395275	2.039	<0.005	<2	6.78	<3	117	0.7	<5
B00395276	1.939	<0.005	<2	7.22	<3	20	0.5	<5
*Dup B00395276	N.A.	<0.005	<2	7.23	<3	21	<0.5	<5
B00395277	1.999	<0.005	<2	7.04	<3	34	0.5	<5
B00395278	2.068	<0.005	<2	7.51	<3	57	0.5	<5
B00395279	2.055	<0.005	<2	7.05	<3	44	<0.5	<5
B00395280	0.067	1.054	5	2.91	649	98	0.5	14

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395281	1.835	<0.005	<2	6.22	<3	236	0.6	<5
B00395282	1.897	<0.005	<2	6.63	<3	190	0.5	<5
B00395283	1.885	0.054	<2	6.97	26	96	<0.5	<5
B00395284	1.774	<0.005	<2	6.22	<3	73	<0.5	<5
B00395285	1.707	<0.005	<2	6.05	7	197	<0.5	<5
B00395286	1.752	0.229	<2	4.44	60	157	0.5	<5
B00395287	1.993	0.082	<2	3.18	197	349	0.6	<5
B00395288	2.023	<0.005	<2	5.01	6	105	<0.5	<5
B00395289	1.706	<0.005	<2	5.00	40	16	<0.5	<5
B00395290	0.176	<0.005	<2	6.05	<3	372	1.0	<5
B00395291	2.203	<0.005	<2	4.28	48	88	<0.5	<5
B00395292	1.784	<0.005	<2	3.90	7	51	<0.5	<5
B00395293	2.235	<0.005	<2	4.82	<3	68	<0.5	<5
B00395294	1.819	0.023	<2	4.62	<3	59	<0.5	<5
B00395295	1.976	<0.005	<2	3.62	<3	35	<0.5	<5
B00395296	1.697	<0.005	<2	3.67	<3	47	<0.5	<5
B00395297	1.783	0.007	<2	4.83	48	149	<0.5	<5
B00395298	1.790	<0.005	<2	4.07	6	138	<0.5	<5
B00395299	1.521	<0.005	<2	3.60	<3	101	<0.5	6
B00395300	N.A.	<0.005	<2	3.72	<3	103	<0.5	6
B00395301	2.020	0.014	<2	3.50	7	73	<0.5	6
B00395302	1.837	<0.005	<2	3.85	<3	73	<0.5	7
B00395303	2.155	<0.005	<2	2.83	16	51	<0.5	6
B00395304	1.704	<0.005	<2	4.18	<3	106	<0.5	6
B00395305	2.025	<0.005	<2	3.74	<3	116	<0.5	6
B00395306	1.622	<0.005	<2	3.89	121	122	<0.5	6
B00395307	1.858	0.016	<2	3.30	210	147	<0.5	8
B00395308	2.022	<0.005	<2	3.74	57	116	<0.5	6
B00395309	2.183	<0.005	<2	3.86	13	85	<0.5	6
B00395310	0.072	1.035	<2	6.24	<3	70	0.6	6
B00395311	2.041	<0.005	<2	4.02	4	98	<0.5	<5
B00395312	1.958	<0.005	<2	3.96	3	92	<0.5	7
B00395313	1.835	<0.005	<2	4.14	<3	5	<0.5	6
B00395314	1.907	<0.005	<2	4.13	<3	67	<0.5	5
B00395315	1.935	<0.005	<2	4.64	4	5	<0.5	7
B00395316	1.610	<0.005	<2	4.23	<3	4	<0.5	6
*Rep B00395258		<0.005						
*Rep B00395296		<0.005						
*Std OXE150		0.643						
*Std OREAS-221		1.040						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-217	0.270						
*Blk BLANK	<0.005						
*Rep B00395258		<2	5.45	17	416	0.8	<5
*Rep B00395298		<2	4.03	5	137	<0.5	<5
*Std OREAS-602		>100	4.22	662	166	0.8	57
*Std RTS-3A		11	4.96	17	104	<0.5	30
*Std OREAS-602		>100	4.35	668	244	0.8	43
*Std RTS-3A		11	4.93	13	104	<0.5	38
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395242	1.10	<1	9	48	13.3	3.25	3.03	39.9
B00395243	1.15	<1	8	49	10.6	3.05	2.78	45.7
B00395244	0.93	<1	11	54	20.4	3.77	3.85	43.2
B00395245	1.40	<1	10	49	17.5	3.70	3.15	46.9
B00395246	4.46	<1	46	668	54.5	6.21	0.55	13.4
B00395247	5.34	<1	49	777	77.3	6.19	0.21	12.6
B00395248	0.98	<1	9	43	13.5	3.29	2.57	41.0
B00395249	1.31	<1	8	33	13.9	3.12	2.57	40.7
B00395250	3.36	<1	1	28	4715	>15.0	2.53	6.7
B00395251	1.07	<1	9	42	18.3	3.50	2.77	44.5
B00395252	0.99	<1	9	35	16.2	3.46	2.75	43.3
B00395253	0.65	<1	11	43	17.3	4.41	3.57	45.4
B00395254	0.62	<1	9	41	16.7	3.36	2.83	43.4
B00395255	2.71	<1	24	249	32.9	5.52	1.87	26.6
B00395256	6.80	<1	32	313	47.9	8.37	0.86	9.7
B00395257	3.65	<1	39	48	21.3	10.8	0.09	5.3
B00395258	6.41	<1	55	689	78.1	8.37	0.73	4.8
B00395259	4.59	<1	27	90	46.9	9.21	0.60	18.7
B00395260	1.70	<1	5	25	6.7	1.75	1.25	8.5
B00395261	5.61	<1	42	378	90.9	8.33	0.52	8.6
B00395262	6.72	<1	59	835	77.8	7.60	0.01	4.0
B00395263	9.06	<1	49	496	93.9	7.69	0.03	4.7
B00395264	7.98	<1	50	616	95.8	8.36	0.10	6.6
B00395265	8.13	<1	39	509	80.7	9.29	0.09	9.1
B00395266	4.27	<1	29	129	34.6	9.01	0.27	17.6
B00395267	4.66	<1	33	88	58.5	10.3	0.17	10.3
B00395268	3.90	<1	34	95	74.2	11.3	0.16	14.0
B00395269	3.92	<1	37	108	66.8	11.4	0.09	9.6
B00395270	3.83	<1	36	108	84.0	11.4	0.09	10.7
B00395271	3.77	<1	35	181	96.2	11.9	0.24	10.1
B00395272	4.08	<1	32	28	26.5	10.7	0.33	11.0
B00395273	5.50	<1	44	77	56.2	10.8	0.11	3.4
B00395274	4.80	<1	27	18	28.8	10.1	0.46	11.1
B00395275	5.14	<1	52	42	84.4	12.2	0.13	4.5
B00395276	7.32	<1	48	66	209	10.9	0.04	2.7
*Dup B00395276	7.29	<1	45	92	212	10.6	0.05	2.4
B00395277	7.12	<1	54	87	68.6	11.7	0.06	2.1
B00395278	7.23	<1	49	7	67.6	11.0	0.09	2.4
B00395279	7.53	<1	43	143	143	9.03	0.09	3.0
B00395280	3.17	<1	592	24	>10000	>15.0	2.50	101

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	1 ppm	1 ppm	1 ppm	0.5 ppm	0.01 %	0.01 %	0.5 ppm
B00395281	6.52	<1	47	74	74.3	11.2	0.18	2.3
B00395282	6.38	<1	46	4	30.4	10.6	0.13	2.1
B00395283	6.64	<1	39	15	70.8	9.18	0.07	1.7
B00395284	7.82	<1	38	149	149	8.45	0.06	1.7
B00395285	5.38	<1	42	148	66.2	9.35	0.18	5.0
B00395286	2.24	2	34	140	128	13.3	0.23	10.2
B00395287	7.17	7	41	291	759	9.84	0.83	5.5
B00395288	5.95	<1	52	745	61.7	7.18	0.24	5.3
B00395289	4.86	<1	62	954	84.5	7.57	0.02	3.4
B00395290	1.69	<1	5	35	5.4	1.94	1.28	8.4
B00395291	5.31	<1	64	944	74.6	8.11	0.38	3.9
B00395292	6.27	<1	56	1182	61.6	6.93	0.20	3.2
B00395293	7.13	<1	50	741	84.5	6.84	0.42	3.7
B00395294	7.28	<1	52	746	80.3	7.38	0.35	3.5
B00395295	6.47	<1	54	719	76.6	6.90	0.18	3.8
B00395296	6.83	<1	51	729	61.6	6.62	0.08	2.5
B00395297	7.80	<1	54	824	83.5	7.10	0.56	2.1
B00395298	5.81	<1	55	920	75.9	7.50	0.55	0.5
B00395299	5.12	<1	56	985	59.2	7.01	0.43	0.9
B00395300	5.27	<1	59	918	68.0	7.08	0.46	1.0
B00395301	5.55	<1	56	850	62.7	6.88	0.28	0.9
B00395302	4.63	<1	60	1012	118	7.62	0.28	1.9
B00395303	5.34	<1	48	629	49.5	6.17	0.21	0.9
B00395304	4.33	<1	55	1205	96.7	7.13	0.53	<0.5
B00395305	5.18	<1	55	986	96.7	6.61	0.61	<0.5
B00395306	4.20	<1	59	986	70.6	6.97	0.55	<0.5
B00395307	4.41	2	36	661	133	9.81	0.55	0.9
B00395308	5.85	<1	56	1042	71.7	6.88	0.51	<0.5
B00395309	4.58	<1	55	1041	72.5	6.82	0.41	<0.5
B00395310	3.39	<1	3	33	4755	>15.0	2.47	6.5
B00395311	5.19	<1	56	1237	79.7	6.83	0.46	1.6
B00395312	5.65	<1	57	1037	71.1	6.90	0.34	1.6
B00395313	5.34	<1	61	1171	83.2	7.25	<0.01	2.4
B00395314	5.64	<1	56	1193	72.2	6.69	0.18	1.7
B00395315	5.18	<1	62	1147	105	7.23	<0.01	2.5
B00395316	5.86	<1	54	1006	90.9	6.78	<0.01	2.2

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395258	6.38	<1	53	682	76.1	8.52	0.74	4.9
*Rep B00395298	5.76	<1	55	881	71.7	7.42	0.53	0.6
*Std OREAS-602	0.62	28	9	26	5211	2.23	0.68	15.3
*Std RTS-3A	2.01	8	121	143	2361	>15.0	0.48	7.8
*Std OREAS-602	0.63	27	10	28	5208	2.29	0.70	16.2
*Std RTS-3A	1.98	8	119	156	2296	>15.0	0.47	7.9
*Bik BLANK	<0.01	<1	<1	<1	0.6	0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395242	13	0.84	369	<1	1.22	21	0.04	23
B00395243	14	0.81	370	<1	1.36	20	0.05	22
B00395244	14	1.02	400	<1	1.28	26	0.04	19
B00395245	23	1.05	457	<1	1.18	26	0.05	24
B00395246	49	6.59	1068	<1	0.75	453	0.03	6
B00395247	49	6.86	1021	<1	0.57	471	0.04	6
B00395248	10	0.97	395	<1	1.32	23	0.04	22
B00395249	8	0.87	389	<1	1.36	21	0.04	32
B00395250	115	0.71	2906	194	0.67	5	0.43	8
B00395251	11	0.93	415	<1	1.26	24	0.05	25
B00395252	10	0.92	418	<1	1.34	24	0.05	20
B00395253	11	1.02	410	<1	1.56	26	0.05	15
B00395254	9	0.77	375	<1	1.40	21	0.04	22
B00395255	29	2.82	857	<1	1.79	178	0.05	11
B00395256	32	3.12	1526	<1	1.25	138	0.10	5
B00395257	34	3.38	1758	<1	2.00	46	0.07	<2
B00395258	40	6.13	1145	<1	0.88	414	0.05	<2
B00395259	18	2.82	1401	<1	2.87	37	0.22	3
B00395260	8	0.55	275	<1	2.71	19	0.02	7
B00395261	29	5.28	1361	<1	1.74	245	0.07	3
B00395262	33	8.48	1233	<1	0.27	600	0.04	<2
B00395263	32	5.47	1089	<1	0.59	338	0.05	<2
B00395264	28	5.88	1228	<1	0.72	401	0.05	3
B00395265	25	3.05	1408	<1	1.02	289	0.07	5
B00395266	26	2.54	1607	<1	2.57	68	0.11	6
B00395267	33	2.74	2014	<1	2.36	49	0.11	5
B00395268	37	2.25	2070	<1	2.27	53	0.11	6
B00395269	38	3.10	2043	<1	2.20	61	0.10	5
B00395270	39	2.92	2013	<1	2.16	61	0.10	6
B00395271	31	2.41	2425	<1	1.78	96	0.09	10
B00395272	19	2.64	1820	<1	3.19	22	0.14	<2
B00395273	28	3.63	1636	<1	2.51	46	0.05	<2
B00395274	11	2.01	1818	<1	3.42	16	0.14	<2
B00395275	25	3.91	1764	<1	2.41	43	0.06	7
B00395276	26	4.02	1394	<1	1.85	127	0.05	<2
*Dup B00395276	25	3.88	1340	<1	1.97	119	0.04	<2
B00395277	29	4.20	1460	<1	1.57	68	0.04	<2
B00395278	24	3.53	1346	<1	1.92	83	0.04	<2
B00395279	21	4.12	1280	<1	2.23	99	0.04	<2
B00395280	16	0.97	4230	293	0.24	53	0.09	16

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395281	18	3.89	1448	<1	1.89	72	0.04	<2
B00395282	21	3.24	1266	<1	2.53	45	0.04	<2
B00395283	19	2.91	1165	<1	3.09	67	0.03	<2
B00395284	22	3.76	1312	<1	2.29	105	0.05	<2
B00395285	28	3.94	1550	<1	2.41	70	0.06	7
B00395286	24	1.96	3089	<1	1.98	70	0.08	22
B00395287	5	1.99	2507	3	1.15	153	0.12	53
B00395288	40	7.74	1202	<1	0.79	422	0.04	<2
B00395289	43	9.02	1097	<1	0.92	577	0.03	<2
B00395290	8	0.54	295	<1	2.76	19	0.02	7
B00395291	36	8.83	1135	<1	0.17	632	0.04	<2
B00395292	39	8.88	1021	<1	0.27	583	0.03	<2
B00395293	35	6.06	1074	<1	0.81	353	0.04	<2
B00395294	17	5.42	1090	<1	1.47	348	0.04	<2
B00395295	25	8.13	1059	<1	0.62	540	0.04	4
B00395296	32	7.97	997	<1	0.48	515	0.02	<2
B00395297	17	5.00	1114	<1	1.49	359	0.04	4
B00395298	23	7.56	1054	<1	0.60	517	0.03	<2
B00395299	24	9.35	1046	<1	0.49	631	0.03	5
B00395300	25	9.36	1063	<1	0.51	632	0.03	5
B00395301	25	8.94	975	<1	0.50	637	0.03	5
B00395302	25	8.73	1116	<1	0.67	614	0.04	6
B00395303	17	6.85	976	<1	0.50	402	0.02	5
B00395304	27	9.15	1066	<1	0.50	630	0.03	5
B00395305	18	8.91	1049	<1	0.63	579	0.02	5
B00395306	17	9.35	978	<1	0.75	666	0.02	5
B00395307	11	4.52	841	4	0.68	332	0.05	10
B00395308	21	8.16	1119	<1	0.66	535	0.03	5
B00395309	33	9.39	1104	<1	0.44	618	0.03	5
B00395310	123	0.73	2974	184	0.71	4	0.45	4
B00395311	34	9.19	1072	<1	0.23	595	0.03	4
B00395312	32	9.08	1092	<1	0.23	598	0.03	5
B00395313	37	9.63	1144	<1	0.16	637	0.03	4
B00395314	35	8.79	1076	<1	0.53	593	0.03	5
B00395315	36	9.50	1097	<1	0.34	610	0.03	5
B00395316	32	8.70	1064	<1	0.43	555	0.03	4

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00395258	39	6.15	1152	<1	0.89	418	0.05	<2
*Rep B00395298	22	7.52	1045	<1	0.60	513	0.03	<2
*Std OREAS-602	20	0.20	224	5	0.44	56	0.06	1030
*Std RTS-3A	15	2.44	1409	2	0.68	52	0.04	209
*Std OREAS-602	20	0.20	224	5	0.46	56	0.06	1066
*Std RTS-3A	15	2.39	1415	2	0.70	52	0.04	209
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395242	0.10	<5	10.0	<10	91.3	0.13	58	<10
B00395243	0.06	<5	9.4	<10	90.9	0.14	60	<10
B00395244	0.14	<5	12.5	<10	99.3	0.13	81	<10
B00395245	0.11	<5	12.0	<10	101	0.07	76	<10
B00395246	0.04	9	21.0	<10	235	0.03	146	<10
B00395247	0.17	9	17.4	<10	256	0.03	145	<10
B00395248	0.09	<5	10.2	<10	66.9	0.13	63	<10
B00395249	0.08	<5	9.6	<10	83.3	0.09	59	<10
B00395250	0.66	<5	6.2	83	110	0.11	49	1826
B00395251	0.06	<5	10.7	<10	63.5	0.13	66	<10
B00395252	0.07	<5	10.8	<10	59.5	0.10	66	<10
B00395253	0.23	<5	13.5	<10	49.1	0.13	85	<10
B00395254	0.10	<5	10.2	<10	46.7	0.11	64	<10
B00395255	0.12	<5	15.3	<10	125	0.14	111	<10
B00395256	0.26	6	23.1	<10	222	0.22	217	<10
B00395257	0.20	<5	36.9	<10	133	0.31	523	<10
B00395258	0.02	8	28.9	<10	175	0.09	243	<10
B00395259	0.93	6	21.6	<10	157	0.51	139	<10
B00395260	<0.01	<5	5.6	<10	370	0.14	39	<10
B00395261	0.74	6	24.7	<10	158	0.31	246	<10
B00395262	0.04	10	24.5	<10	139	0.19	199	<10
B00395263	0.02	8	28.4	<10	237	0.34	232	<10
B00395264	0.39	8	26.3	<10	188	0.55	219	<10
B00395265	0.47	11	24.3	<10	145	0.66	196	<10
B00395266	0.34	8	25.6	<10	68.8	1.07	223	<10
B00395267	0.38	7	31.7	<10	78.1	1.24	302	<10
B00395268	0.96	8	26.2	<10	92.8	1.40	263	<10
B00395269	0.49	8	35.5	<10	57.3	1.29	365	<10
B00395270	0.73	7	33.6	<10	63.9	1.24	342	<10
B00395271	0.70	8	23.8	<10	61.0	0.87	239	<10
B00395272	0.03	8	35.9	<10	207	1.25	262	<10
B00395273	0.15	9	47.4	<10	237	1.71	657	<10
B00395274	0.16	8	31.7	<10	152	1.26	208	<10
B00395275	0.35	10	45.1	<10	210	1.45	669	<10
B00395276	0.17	8	48.7	<10	333	1.31	860	<10
*Dup B00395276	0.15	7	46.4	<10	338	1.25	844	<10
B00395277	0.20	10	47.1	<10	270	1.49	895	<10
B00395278	0.27	7	45.4	<10	405	1.47	939	<10
B00395279	0.11	8	43.1	<10	344	1.03	673	<10
B00395280	3.64	9	6.7	10	133	0.25	107	154

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395281	0.18	9	46.3	<10	151	1.58	840	<10
B00395282	0.18	9	41.6	<10	174	1.46	891	<10
B00395283	0.32	7	37.3	<10	249	1.12	818	<10
B00395284	0.13	<5	40.5	<10	292	0.76	531	<10
B00395285	0.07	<5	34.5	<10	219	0.20	322	<10
B00395286	0.77	<5	20.6	<10	51.4	0.11	172	<10
B00395287	1.37	7	14.8	<10	99.7	0.13	115	17
B00395288	0.04	8	28.3	<10	170	0.05	183	<10
B00395289	0.08	10	26.1	<10	97.8	0.07	192	<10
B00395290	<0.01	<5	5.5	<10	365	0.14	39	<10
B00395291	0.23	10	23.9	<10	95.4	0.07	195	<10
B00395292	0.05	13	22.3	<10	122	0.09	161	<10
B00395293	0.10	8	26.2	<10	176	0.07	205	<10
B00395294	0.27	9	27.1	<10	144	0.09	204	<10
B00395295	0.05	8	21.0	<10	104	0.09	163	<10
B00395296	0.04	8	20.7	<10	167	0.09	164	<10
B00395297	0.22	11	27.2	<10	190	0.11	200	<10
B00395298	0.12	11	23.5	<10	138	0.06	163	<10
B00395299	0.02	10	21.5	<10	92.5	0.06	164	<10
B00395300	0.02	10	21.1	<10	95.4	0.05	159	<10
B00395301	0.10	9	21.0	<10	115	0.06	158	<10
B00395302	0.06	10	22.8	<10	107	0.06	181	<10
B00395303	0.07	6	17.3	<10	132	0.04	131	<10
B00395304	0.04	12	25.0	<10	117	0.06	170	<10
B00395305	0.04	14	20.6	<10	169	0.04	149	<10
B00395306	0.04	43	21.8	<10	157	0.05	159	<10
B00395307	3.58	14	16.3	<10	152	0.05	188	<10
B00395308	0.06	36	21.2	<10	156	0.04	150	<10
B00395309	0.02	22	21.1	<10	121	0.05	149	<10
B00395310	0.67	<5	5.5	84	110	0.12	50	1288
B00395311	0.02	11	22.1	<10	112	0.08	159	<10
B00395312	0.03	11	22.8	<10	131	0.08	164	<10
B00395313	0.01	11	24.3	<10	116	0.06	179	<10
B00395314	0.02	11	21.6	<10	113	0.06	165	<10
B00395315	0.03	10	26.1	<10	131	0.06	188	<10
B00395316	0.03	9	23.9	<10	185	0.06	173	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395258	0.02	7	29.4	<10	175	0.09	245	<10
*Rep B00395298	0.13	10	23.4	<10	136	0.06	178	<10
*Std OREAS-602	2.13	85	4.0	<10	420	0.19	32	22
*Std RTS-3A	>5.00	5	14.0	42	45.0	0.30	107	19
*Std OREAS-602	2.12	84	4.0	<10	441	0.19	32	21
*Std RTS-3A	>5.00	<5	13.9	40	43.4	0.30	106	19
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GE_ICP90A 10 ppm
B00395242	10.1	74	157	<0.05	N.A.
B00395243	11.7	61	188	<0.05	N.A.
B00395244	10.1	79	147	<0.05	N.A.
B00395245	11.0	73	169	<0.05	N.A.
B00395246	8.0	65	69.4	<0.05	N.A.
B00395247	6.4	56	70.5	<0.05	N.A.
B00395248	10.6	67	159	<0.05	N.A.
B00395249	9.6	70	171	<0.05	N.A.
B00395250	7.3	311	45.2	0.26	N.A.
B00395251	10.6	73	177	<0.05	N.A.
B00395252	9.8	67	170	0.23	N.A.
B00395253	9.8	84	138	0.08	N.A.
B00395254	9.7	67	168	<0.05	N.A.
B00395255	8.9	74	109	<0.05	N.A.
B00395256	15.3	83	108	<0.05	N.A.
B00395257	11.3	95	74.7	<0.05	N.A.
B00395258	7.7	82	59.5	<0.05	N.A.
B00395259	21.4	93	160	<0.05	N.A.
B00395260	5.7	21	39.0	<0.05	N.A.
B00395261	11.6	76	90.4	0.09	N.A.
B00395262	8.6	64	52.2	<0.05	N.A.
B00395263	10.7	63	56.9	<0.05	N.A.
B00395264	14.0	71	72.6	<0.05	N.A.
B00395265	19.8	90	92.8	0.08	N.A.
B00395266	38.3	96	172	<0.05	N.A.
B00395267	41.3	108	152	0.05	N.A.
B00395268	34.2	135	152	0.08	N.A.
B00395269	38.2	143	127	<0.05	N.A.
B00395270	38.7	144	127	0.07	N.A.
B00395271	22.4	122	92.9	0.11	N.A.
B00395272	57.4	94	184	<0.05	N.A.
B00395273	27.9	88	64.9	<0.05	N.A.
B00395274	58.7	102	187	<0.05	N.A.
B00395275	24.8	108	81.9	0.07	N.A.
B00395276	23.6	87	52.7	<0.05	N.A.
*Dup B00395276	21.4	83	49.4	<0.05	N.A.
B00395277	22.9	93	52.0	<0.05	N.A.
B00395278	23.1	87	53.3	<0.05	N.A.
B00395279	17.4	74	46.4	<0.05	N.A.
B00395280	15.2	33	109	1.95	17180

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm
B00395281	23.7	83	55.2	<0.05	N.A.
B00395282	20.9	78	42.4	<0.05	N.A.
B00395283	17.7	73	38.8	<0.05	N.A.
B00395284	16.4	71	30.8	<0.05	N.A.
B00395285	7.6	87	45.8	<0.05	N.A.
B00395286	8.5	247	69.1	0.23	N.A.
B00395287	9.6	1108	68.0	0.18	N.A.
B00395288	6.2	58	38.4	<0.05	N.A.
B00395289	5.0	67	40.8	<0.05	N.A.
B00395290	5.7	20	39.7	<0.05	N.A.
B00395291	5.9	64	49.3	<0.05	N.A.
B00395292	5.7	51	47.3	<0.05	N.A.
B00395293	4.6	58	26.3	<0.05	N.A.
B00395294	5.6	63	29.1	<0.05	N.A.
B00395295	5.1	55	40.9	<0.05	N.A.
B00395296	4.8	55	33.5	<0.05	N.A.
B00395297	4.3	67	26.2	<0.05	N.A.
B00395298	4.0	65	31.2	<0.05	N.A.
B00395299	4.6	57	41.0	<0.05	N.A.
B00395300	4.6	58	41.1	<0.05	N.A.
B00395301	5.0	64	41.9	<0.05	N.A.
B00395302	4.5	71	57.2	0.06	N.A.
B00395303	3.9	51	37.4	<0.05	N.A.
B00395304	4.1	77	35.3	0.22	N.A.
B00395305	3.7	91	33.3	0.11	N.A.
B00395306	3.6	79	34.6	<0.05	N.A.
B00395307	5.4	194	43.2	0.19	N.A.
B00395308	4.4	94	40.4	<0.05	N.A.
B00395309	4.1	79	35.9	<0.05	N.A.
B00395310	7.2	329	46.8	0.42	N.A.
B00395311	4.3	74	36.0	<0.05	N.A.
B00395312	5.2	63	40.5	<0.05	N.A.
B00395313	5.6	56	43.1	<0.05	N.A.
B00395314	5.0	55	37.7	<0.05	N.A.
B00395315	4.7	59	42.9	<0.05	N.A.
B00395316	4.8	52	41.3	<0.05	N.A.

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Element	@Y	@Zn	@Zr	@Te	Cu
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
Det.Lim.	0.5	1	0.5	0.05	10
Units	ppm	ppm	ppm	ppm	ppm
*Rep B00395258	8.2	82	59.0	<0.05	
*Rep B00395298	4.0	66	31.1	<0.05	
*Std OREAS-602	5.9	4120	82.6	37.14	
*Std RTS-3A	11.3	2751	76.2	1.80	
*Std OREAS-602	5.9	4392	81.9	35.39	
*Std RTS-3A	11.5	2830	77.0	2.11	
*Bik BLANK	<0.5	<1	<0.5	<0.05	
*Rep B00395280					17218
*Std OREAS-624					31339
*Bik BLANK					16

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Certificate of Analysis
Work Order : VD1900565
[Report File No.: 000022151]

Date: October 09, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 75
Received: Sep 3, 2019
Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
75	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
73	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
75	GE_FAA515	@Au, FAS, AAS, 50g-5ml
75	GE_ICP40B	@ICP-OES after Multi-Acid Digest
75	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
3	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395317	1.886	<0.005	<2	4.72	9	6	<0.5	<5
B00395318	1.729	<0.005	<2	4.41	40	37	<0.5	<5
B00395319	2.013	<0.005	<2	4.13	<3	13	<0.5	<5
B00395320	0.147	<0.005	<2	6.25	<3	343	0.9	<5
B00395321	2.045	<0.005	<2	4.06	6	25	<0.5	<5
B00395322	1.878	<0.005	<2	4.28	4	13	<0.5	<5
B00395323	1.740	<0.005	<2	7.26	6	32	0.8	<5
B00395324	2.036	0.005	<2	7.17	7	116	1.0	<5
B00395325	2.064	<0.005	<2	8.35	9	416	1.6	<5
B00395326	1.726	<0.005	<2	8.12	3	237	1.4	<5
B00395327	1.999	0.007	<2	8.75	9	379	1.9	<5
B00395328	1.934	<0.005	<2	6.87	6	213	1.0	<5
B00395329	2.197	0.010	<2	5.78	30	131	0.8	<5
B00395330	N.A.	0.008	<2	5.82	29	157	0.8	<5
B00395331	1.650	<0.005	<2	5.44	11	44	0.8	<5
B00395332	1.941	<0.005	<2	8.03	<3	9	0.9	<5
B00395333	2.114	<0.005	<2	7.34	<3	12	0.6	<5
B00395334	1.998	0.011	<2	5.33	26	55	0.5	<5
B00395335	1.783	<0.005	<2	8.04	4	248	1.3	<5
B00395336	1.838	<0.005	<2	8.27	7	273	1.5	<5
B00395337	1.833	0.006	<2	8.57	<3	327	1.6	<5
B00395338	2.371	0.013	<2	4.35	65	20	<0.5	<5
B00395339	2.092	<0.005	<2	4.74	16	42	<0.5	<5
B00395340	0.130	1.000	43	4.27	101	235	0.6	19
B00395341	1.967	<0.005	<2	7.52	<3	146	1.2	<5
B00395342	1.965	<0.005	<2	8.93	<3	33	0.6	<5
B00395343	2.037	<0.005	<2	8.29	10	38	0.8	<5
B00395344	1.988	<0.005	<2	8.04	6	19	0.7	<5
B00395345	1.920	<0.005	<2	7.88	3	26	0.7	<5
B00395346	2.122	<0.005	<2	7.94	8	48	0.9	<5
B00395347	1.964	0.011	<2	6.60	7	352	0.9	<5
B00395348	1.956	<0.005	<2	4.34	8	209	0.6	<5
B00395349	1.782	<0.005	<2	7.24	<3	273	1.2	<5
B00395350	0.138	<0.005	<2	6.43	<3	342	0.9	<5
B00395351	1.824	<0.005	<2	8.11	5	11	0.9	<5
*Dup B00395351	N.A.	<0.005	<2	8.02	4	11	0.8	<5
B00395352	1.933	<0.005	<2	8.20	<3	11	0.9	<5
B00395353	1.839	<0.005	<2	7.26	18	340	0.7	<5
B00395354	2.072	<0.005	<2	8.02	15	483	1.8	<5
B00395355	1.844	0.012	<2	7.95	30	479	1.8	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395356	1.932	0.007	<2	8.00	25	424	1.7	<5
B00395357	1.880	0.005	<2	9.08	62	333	1.3	<5
B00395358	1.651	<0.005	<2	7.88	98	120	0.5	<5
B00395359	1.900	<0.005	<2	7.21	9	511	1.7	<5
B00395360	N.A.	<0.005	<2	7.11	8	487	1.6	<5
B00395361	1.880	<0.005	<2	6.74	12	464	1.6	<5
B00395362	1.972	<0.005	<2	7.81	9	584	1.9	<5
B00395363	1.771	<0.005	<2	9.78	11	784	2.4	<5
B00395364	2.144	<0.005	<2	9.18	12	734	2.2	<5
B00395365	2.226	<0.005	<2	8.87	8	719	2.1	<5
B00395366	2.201	0.005	<2	9.58	16	819	2.4	<5
B00395367	2.232	0.006	<2	8.98	15	832	2.4	<5
B00395368	2.639	<0.005	<2	7.72	17	590	1.8	<5
B00395369	2.446	<0.005	<2	8.30	21	659	2.0	<5
B00395370	0.063	0.374	<2	4.85	314	436	0.7	<5
B00395371	2.579	<0.005	<2	8.04	24	604	1.8	<5
B00395372	2.373	<0.005	<2	8.17	18	665	2.1	<5
B00395373	2.217	<0.005	<2	7.64	16	571	1.7	<5
B00395374	2.599	<0.005	<2	7.28	20	524	1.6	<5
B00395375	2.496	<0.005	<2	9.44	21	677	2.4	<5
B00395376	2.361	<0.005	<2	10.3	21	750	2.6	<5
B00395377	2.832	<0.005	<2	7.82	13	516	1.8	<5
B00395378	2.051	<0.005	<2	11.3	23	929	3.1	<5
B00395379	2.217	<0.005	<2	6.84	13	472	1.7	<5
B00395380	0.147	0.009	<2	6.22	<3	341	0.8	<5
B00395381	2.332	<0.005	<2	7.86	16	537	1.9	<5
B00395382	2.245	<0.005	<2	6.15	10	421	1.5	<5
B00395383	2.647	<0.005	<2	9.98	21	713	2.5	<5
B00395384	2.381	<0.005	<2	9.07	15	638	2.2	<5
B00395385	2.591	0.006	<2	6.77	18	512	1.6	<5
B00395386	2.381	<0.005	<2	7.54	12	586	1.8	<5
B00395387	2.528	<0.005	<2	7.84	15	697	2.1	<5
B00395388	1.720	0.007	<2	7.00	16	422	1.3	<5
B00395389	2.528	<0.005	<2	8.36	19	762	2.3	<5
B00395390	N.A.	0.006	<2	8.36	19	720	2.2	<5
B00395391	1.747	<0.005	<2	8.03	19	653	2.0	<5
*Rep B00395337		<0.005						
*Rep B00395382		<0.005						
*Std OREAS-503D		0.663						
*Std OXE150		0.662						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-221	1.027						
*Blk BLANK	<0.005						
*Rep B00395341		<2	7.46	3	142	1.2	<5
*Rep B00395377		<2	7.84	12	515	1.8	<5
*Std OREAS-602		>100	4.36	605	594	0.7	51
*Std RTS-3A		11	5.21	16	94	<0.5	27
*Std OREAS-602		>100	4.42	620	478	0.7	52
*Std RTS-3A		12	5.03	17	94	<0.5	26
*Blk BLANK		<2	<0.01	<3	1	<0.5	<5
*Blk BLANK	<0.005						
*Std OXE150	0.656						

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395317	5.68	<1	66	1395	81.4	7.26	<0.01	3.1
B00395318	5.92	<1	63	1199	82.6	7.04	0.10	2.8
B00395319	6.13	<1	65	1348	71.7	6.84	0.02	2.5
B00395320	1.73	<1	6	54	5.9	2.08	1.25	7.8
B00395321	6.76	<1	64	1255	74.4	6.81	0.04	2.6
B00395322	5.86	<1	64	1286	78.8	7.08	0.01	2.7
B00395323	3.43	<1	46	548	63.2	10.1	0.05	21.5
B00395324	3.30	<1	40	509	64.9	11.3	0.26	20.4
B00395325	2.86	<1	38	277	69.7	11.8	1.33	25.3
B00395326	4.15	<1	33	216	61.8	11.4	1.30	26.1
B00395327	2.15	<1	37	299	69.6	11.6	2.19	24.3
B00395328	6.87	<1	42	80	70.3	10.8	0.69	13.5
B00395329	7.39	<1	41	40	115	13.7	0.30	10.1
B00395330	7.05	<1	43	43	132	14.4	0.35	10.4
B00395331	5.54	<1	54	905	99.5	7.84	0.07	13.5
B00395332	3.74	<1	38	120	63.3	11.3	<0.01	26.3
B00395333	4.46	<1	41	167	85.2	9.41	<0.01	14.2
B00395334	4.09	<1	60	945	81.0	10.5	0.12	8.3
B00395335	3.76	<1	37	191	58.5	11.7	0.98	25.1
B00395336	4.48	<1	36	272	66.9	10.9	1.64	25.4
B00395337	2.57	<1	35	241	74.3	11.5	1.73	25.0
B00395338	5.36	<1	44	733	315	>15.0	0.10	8.9
B00395339	10.6	<1	35	539	74.4	6.93	0.13	5.4
B00395340	1.43	124	256	24	>10000	>15.0	0.96	13.6
B00395341	6.79	<1	27	160	52.5	9.63	0.44	18.0
B00395342	2.43	<1	18	3	9.7	8.71	0.02	7.8
B00395343	3.93	<1	32	134	52.2	9.43	0.11	14.5
B00395344	5.20	<1	33	35	41.8	9.69	0.03	5.9
B00395345	5.47	<1	33	25	48.5	9.66	0.06	7.1
B00395346	4.78	<1	39	190	60.6	11.2	0.12	24.6
B00395347	3.64	<1	31	375	179	11.8	1.42	12.5
B00395348	7.80	<1	54	1048	82.1	7.13	0.70	1.8
B00395349	2.97	<1	39	305	42.8	10.8	0.60	19.0
B00395350	1.73	<1	5	37	3.6	1.91	1.29	8.2
B00395351	3.00	<1	37	167	72.4	11.6	0.01	25.8
*Dup B00395351	2.91	<1	36	181	71.8	11.5	0.01	25.4
B00395352	2.94	<1	37	222	63.0	12.2	<0.01	23.0
B00395353	5.24	<1	39	333	49.1	8.49	0.51	10.3
B00395354	1.96	<1	9	67	14.6	3.98	2.95	36.1
B00395355	0.20	<1	17	83	70.9	6.42	3.01	36.9

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395356	1.33	<1	17	101	25.4	5.66	2.73	31.5
B00395357	1.79	<1	37	171	39.0	6.24	2.32	26.8
B00395358	4.90	<1	57	183	75.0	7.97	0.99	2.3
B00395359	0.65	<1	8	44	13.9	3.37	2.79	38.8
B00395360	0.82	<1	7	46	11.0	3.22	2.71	39.4
B00395361	0.09	<1	7	36	13.5	3.42	2.50	37.8
B00395362	0.09	<1	6	44	14.1	3.58	3.12	42.0
B00395363	0.11	<1	8	58	13.9	4.77	4.20	48.8
B00395364	0.23	<1	8	58	18.6	4.45	3.97	47.1
B00395365	0.09	<1	8	53	15.0	4.10	4.01	44.2
B00395366	0.18	<1	8	61	16.0	4.39	4.64	53.1
B00395367	0.36	<1	8	59	16.3	4.40	4.61	48.1
B00395368	0.41	<1	8	55	16.6	3.91	3.25	40.8
B00395369	0.51	<1	10	69	19.5	4.03	3.70	41.1
B00395370	3.70	<1	347	32	5965	>15.0	3.30	122
B00395371	0.92	<1	12	61	18.6	3.68	3.41	37.5
B00395372	0.87	<1	9	74	14.5	3.84	3.95	45.8
B00395373	1.41	<1	8	55	13.1	3.52	3.37	41.2
B00395374	0.88	<1	9	53	14.6	3.49	3.01	38.5
B00395375	0.40	<1	12	86	29.5	5.31	3.99	42.8
B00395376	0.41	<1	15	93	22.0	6.26	4.46	47.1
B00395377	1.33	<1	10	66	9.7	5.07	3.09	36.0
B00395378	0.43	<1	16	110	10.5	5.71	5.23	51.1
B00395379	1.00	<1	10	56	28.8	3.57	2.88	36.2
B00395380	1.65	<1	5	34	4.6	1.97	1.31	7.8
B00395381	1.23	<1	16	69	51.0	4.90	3.35	37.2
B00395382	0.74	<1	7	47	7.4	3.47	2.66	29.3
B00395383	0.44	<1	13	92	19.3	5.30	4.47	49.7
B00395384	1.23	<1	12	83	35.0	5.16	3.92	44.0
B00395385	1.26	<1	15	104	78.1	6.20	2.63	32.5
B00395386	1.14	<1	13	83	27.9	4.95	3.00	36.6
B00395387	1.03	<1	15	107	54.5	5.58	3.51	36.7
B00395388	1.83	<1	35	119	98.4	9.46	1.97	29.2
B00395389	1.16	<1	20	117	24.7	5.51	3.69	44.1
B00395390	1.32	<1	20	105	35.9	5.85	3.54	38.5
B00395391	1.01	<1	16	84	38.0	6.20	3.44	32.9

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395341	6.82	<1	27	159	51.2	9.68	0.44	18.0
*Rep B00395377	1.34	<1	9	68	9.7	5.08	3.14	35.3
*Std OREAS-602	0.62	24	10	26	4946	2.18	0.70	16.3
*Std RTS-3A	2.03	8	123	151	2299	>15.0	0.49	9.8
*Std OREAS-602	0.62	25	10	27	5095	2.19	0.72	15.7
*Std RTS-3A	1.97	8	123	132	2247	>15.0	0.47	8.9
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395317	36	9.85	1111	<1	0.37	691	0.03	2
B00395318	32	9.56	1110	<1	0.69	705	0.03	2
B00395319	32	9.99	1044	<1	0.44	749	0.02	2
B00395320	8	0.65	306	<1	2.74	28	0.02	9
B00395321	30	9.55	1091	<1	0.34	705	0.02	3
B00395322	24	9.90	1084	<1	0.10	699	0.03	3
B00395323	27	4.42	955	<1	2.50	260	0.13	4
B00395324	26	4.23	1309	<1	1.50	210	0.11	5
B00395325	20	2.04	836	1	1.41	116	0.14	6
B00395326	17	1.42	862	<1	1.58	89	0.15	7
B00395327	17	1.43	844	1	0.87	116	0.13	7
B00395328	19	2.32	1197	2	1.20	77	0.12	5
B00395329	18	2.21	1119	4	1.04	168	0.10	9
B00395330	19	2.36	1108	5	0.87	132	0.10	12
B00395331	18	6.43	1084	2	0.27	445	0.08	4
B00395332	18	2.44	1032	<1	2.66	67	0.16	3
B00395333	16	4.36	1152	<1	2.04	106	0.09	4
B00395334	9	7.72	1170	2	0.30	561	0.07	9
B00395335	17	1.65	1008	<1	1.77	90	0.15	2
B00395336	15	1.63	1006	1	1.40	109	0.14	3
B00395337	15	2.03	785	1	1.13	102	0.14	5
B00395338	5	3.17	958	4	0.02	448	0.11	13
B00395339	5	2.75	1866	<1	1.16	287	0.04	7
B00395340	10	1.30	584	15	0.48	12	0.05	5719
B00395341	16	1.54	1537	1	2.52	62	0.11	4
B00395342	14	1.73	1505	<1	4.50	<1	0.08	4
B00395343	18	2.58	1193	<1	3.30	54	0.09	6
B00395344	20	2.74	1469	<1	2.96	12	0.05	6
B00395345	20	2.46	1367	<1	2.88	13	0.05	5
B00395346	24	1.98	1313	<1	2.75	87	0.15	5
B00395347	14	2.87	1213	1	1.76	183	0.10	5
B00395348	35	7.31	1313	<1	0.08	559	0.03	3
B00395349	22	4.25	1075	<1	2.44	169	0.11	4
B00395350	8	0.56	286	<1	2.79	20	0.02	9
B00395351	27	1.99	1170	<1	3.40	88	0.14	4
*Dup B00395351	26	1.96	1151	<1	3.30	88	0.14	4
B00395352	31	2.50	1027	<1	2.92	114	0.13	4
B00395353	21	3.84	1244	<1	2.64	147	0.07	3
B00395354	15	1.06	815	<1	1.13	26	0.04	26
B00395355	18	1.31	501	3	0.51	35	0.04	21

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395356	20	1.67	1065	<1	0.85	47	0.05	23
B00395357	22	1.83	691	<1	1.92	84	0.05	13
B00395358	37	4.20	1584	<1	1.73	144	0.04	9
B00395359	11	0.77	481	<1	0.94	18	0.03	32
B00395360	11	0.71	553	<1	0.99	17	0.03	30
B00395361	11	0.70	360	<1	0.96	17	0.03	31
B00395362	12	0.80	264	<1	0.90	17	0.03	24
B00395363	15	1.03	374	<1	0.65	19	0.04	26
B00395364	14	0.96	383	1	0.73	19	0.04	31
B00395365	15	0.96	252	<1	0.46	20	0.04	26
B00395366	16	0.99	390	<1	0.26	20	0.04	26
B00395367	16	1.01	483	1	0.08	22	0.04	28
B00395368	13	1.08	306	<1	0.84	25	0.05	41
B00395369	14	1.14	410	<1	0.72	28	0.05	32
B00395370	17	1.12	2870	117	0.98	56	0.07	5
B00395371	13	1.12	571	<1	1.05	28	0.05	29
B00395372	15	1.15	633	<1	0.34	27	0.05	31
B00395373	12	0.98	593	<1	0.82	23	0.05	22
B00395374	12	0.94	478	<1	1.01	23	0.05	27
B00395375	17	1.30	445	1	0.74	34	0.05	26
B00395376	20	1.42	632	<1	0.61	39	0.05	26
B00395377	16	1.06	733	2	0.72	27	0.05	24
B00395378	21	1.43	498	<1	0.46	41	0.05	21
B00395379	12	0.86	512	2	0.69	23	0.04	28
B00395380	8	0.55	291	<1	2.72	20	0.02	9
B00395381	14	1.04	629	10	0.62	33	0.04	31
B00395382	11	0.79	506	<1	0.52	21	0.04	20
B00395383	18	1.33	430	<1	0.62	36	0.05	29
B00395384	17	1.22	680	1	0.74	32	0.05	30
B00395385	18	1.50	1516	<1	0.38	48	0.05	20
B00395386	16	1.27	1294	2	0.83	39	0.04	23
B00395387	20	1.49	1211	1	0.32	50	0.05	22
B00395388	20	2.01	4219	1	0.72	59	0.06	21
B00395389	20	1.42	2060	2	0.52	46	0.04	20
B00395390	20	1.47	2252	2	0.67	47	0.04	22
B00395391	20	1.50	1857	1	0.34	37	0.05	24

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00395341	15	1.55	1543	2	2.47	62	0.11	6
*Rep B00395377	16	1.05	740	2	0.72	27	0.05	25
*Std OREAS-602	20	0.21	216	5	0.45	61	0.05	1046
*Std RTS-3A	15	2.46	1386	3	0.69	48	0.04	193
*Std OREAS-602	21	0.21	219	5	0.44	61	0.05	1033
*Std RTS-3A	15	2.39	1352	3	0.68	49	0.04	191
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395317	0.02	<5	24.8	<10	146	0.06	194	<10
B00395318	0.02	<5	24.4	<10	135	0.06	181	<10
B00395319	0.01	<5	21.7	<10	163	0.05	169	<10
B00395320	<0.01	<5	5.5	<10	348	0.14	41	<10
B00395321	0.05	<5	20.7	<10	179	0.05	166	<10
B00395322	0.01	<5	22.4	<10	150	0.07	178	<10
B00395323	0.14	<5	25.2	<10	83.6	0.23	244	<10
B00395324	0.16	<5	25.2	<10	76.9	0.33	257	<10
B00395325	0.12	<5	27.3	<10	88.9	0.41	310	<10
B00395326	0.06	<5	26.6	<10	132	0.29	287	<10
B00395327	0.27	<5	29.5	<10	69.6	0.36	310	<10
B00395328	1.68	<5	23.8	<10	228	0.58	327	<10
B00395329	>5.00	<5	21.8	<10	258	0.92	350	<10
B00395330	>5.00	<5	21.9	<10	242	0.76	352	<10
B00395331	0.55	<5	23.1	<10	171	0.32	226	<10
B00395332	0.15	<5	24.5	<10	127	0.88	284	<10
B00395333	0.17	<5	27.1	<10	151	0.46	255	<10
B00395334	2.53	<5	21.9	<10	108	0.25	222	<10
B00395335	0.06	<5	25.9	<10	107	0.56	294	<10
B00395336	0.17	<5	27.4	<10	115	0.50	301	<10
B00395337	0.13	<5	28.5	<10	60.7	0.53	311	<10
B00395338	>5.00	5	19.0	<10	113	0.34	229	<10
B00395339	0.46	<5	17.6	<10	426	0.21	109	<10
B00395340	>5.00	53	7.5	<10	35.8	0.10	28	<10
B00395341	0.08	<5	25.3	<10	282	1.25	255	<10
B00395342	0.05	<5	15.7	<10	113	0.44	49	<10
B00395343	0.29	<5	26.0	<10	108	0.80	225	<10
B00395344	0.08	<5	33.4	<10	158	0.51	354	<10
B00395345	0.05	<5	33.5	<10	174	0.54	378	<10
B00395346	0.12	<5	25.9	<10	133	0.78	305	<10
B00395347	1.30	<5	21.9	<10	105	0.23	228	<10
B00395348	0.03	<5	20.2	<10	247	0.12	170	<10
B00395349	0.11	<5	23.5	<10	115	0.32	245	<10
B00395350	<0.01	<5	5.4	<10	362	0.15	40	<10
B00395351	0.10	<5	25.8	<10	123	0.56	272	<10
*Dup B00395351	0.09	<5	25.3	<10	122	0.53	272	<10
B00395352	0.16	<5	26.9	<10	115	0.74	290	<10
B00395353	0.12	<5	23.0	<10	207	0.24	207	<10
B00395354	0.09	<5	12.1	<10	78.6	0.23	80	<10
B00395355	0.73	<5	13.6	<10	21.1	0.22	128	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00395356	0.33	<5	18.2	<10	43.4	0.19	126	<10
B00395357	0.27	14	31.1	<10	58.6	0.24	237	<10
B00395358	0.08	14	41.2	<10	95.9	0.12	299	<10
B00395359	0.22	<5	9.8	<10	40.4	0.22	69	<10
B00395360	0.15	<5	9.3	<10	45.7	0.25	67	<10
B00395361	0.11	<5	8.8	<10	22.9	0.19	65	<10
B00395362	0.14	<5	11.0	<10	23.8	0.23	78	<10
B00395363	0.07	<5	15.1	<10	29.2	0.26	102	<10
B00395364	0.22	<5	13.7	<10	31.8	0.27	96	<10
B00395365	0.17	<5	13.2	<10	24.7	0.21	93	<10
B00395366	0.12	<5	14.3	<10	27.4	0.25	99	<10
B00395367	0.28	<5	13.8	<10	30.0	0.31	99	<10
B00395368	0.07	<5	11.3	<10	32.1	0.19	74	<10
B00395369	0.07	<5	12.9	<10	39.0	0.21	82	<10
B00395370	1.71	<5	12.3	<10	145	0.35	196	78
B00395371	0.07	<5	12.0	<10	55.8	0.21	77	<10
B00395372	0.07	<5	12.9	<10	40.2	0.25	83	<10
B00395373	0.07	<5	11.6	<10	73.6	0.20	71	<10
B00395374	0.06	<5	10.6	<10	60.6	0.20	68	<10
B00395375	0.10	<5	16.0	<10	36.0	0.27	102	<10
B00395376	0.09	<5	18.4	<10	33.2	0.31	116	<10
B00395377	0.09	<5	11.8	<10	53.9	0.19	80	<10
B00395378	0.04	<5	20.3	<10	33.2	0.30	130	<10
B00395379	0.09	<5	10.0	<10	44.2	0.20	65	<10
B00395380	<0.01	<5	5.2	<10	353	0.14	37	<10
B00395381	0.32	<5	12.6	<10	55.4	0.24	90	<10
B00395382	0.04	<5	9.4	<10	39.3	0.16	60	<10
B00395383	0.04	<5	17.4	<10	35.8	0.28	109	<10
B00395384	0.17	<5	15.5	<10	57.4	0.27	99	<10
B00395385	0.65	<5	11.0	<10	49.7	0.27	86	<10
B00395386	0.32	<5	12.6	<10	53.2	0.30	93	<10
B00395387	0.67	<5	13.6	<10	44.6	0.30	102	<10
B00395388	1.78	<5	15.7	<10	67.5	0.29	104	<10
B00395389	0.33	<5	14.9	<10	48.2	0.32	105	<10
B00395390	0.49	<5	14.8	<10	51.0	0.30	101	<10
B00395391	0.49	<5	14.5	<10	37.7	0.31	101	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395341	0.08	<5	24.6	<10	285	1.29	250	<10
*Rep B00395377	0.09	<5	11.8	<10	54.2	0.19	80	<10
*Std OREAS-602	2.02	76	3.9	<10	464	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.1	35	44.9	0.32	108	<10
*Std OREAS-602	2.11	77	3.9	<10	463	0.20	32	<10
*Std RTS-3A	>5.00	<5	13.9	32	43.7	0.31	102	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GE_ICP90A 10 ppm	GE_ICP90A 10 ppm
B00395317	4.9	62	39.1	<0.05	N.A.	N.A.
B00395318	4.9	58	39.0	<0.05	N.A.	N.A.
B00395319	5.1	55	35.7	<0.05	N.A.	N.A.
B00395320	5.8	19	39.1	<0.05	N.A.	N.A.
B00395321	4.8	55	32.2	<0.05	N.A.	N.A.
B00395322	5.2	55	35.7	<0.05	N.A.	N.A.
B00395323	11.4	123	211	0.05	N.A.	N.A.
B00395324	12.5	137	188	<0.05	N.A.	N.A.
B00395325	15.3	160	262	<0.05	N.A.	N.A.
B00395326	18.7	148	277	<0.05	N.A.	N.A.
B00395327	17.6	156	301	<0.05	N.A.	N.A.
B00395328	12.6	174	172	<0.05	N.A.	N.A.
B00395329	13.0	244	106	0.12	N.A.	N.A.
B00395330	12.4	269	106	0.14	N.A.	N.A.
B00395331	9.4	168	98.9	<0.05	N.A.	N.A.
B00395332	18.5	200	263	<0.05	N.A.	N.A.
B00395333	12.7	154	133	<0.05	N.A.	N.A.
B00395334	9.1	158	100	<0.05	N.A.	N.A.
B00395335	18.3	153	281	<0.05	N.A.	N.A.
B00395336	18.0	186	293	<0.05	N.A.	N.A.
B00395337	14.9	282	288	0.06	N.A.	N.A.
B00395338	8.1	350	85.5	0.38	N.A.	N.A.
B00395339	9.7	155	57.0	<0.05	N.A.	N.A.
B00395340	10.8	>10000	107	0.81	31349	23726
B00395341	23.5	119	229	<0.05	N.A.	N.A.
B00395342	17.1	94	85.2	<0.05	N.A.	N.A.
B00395343	17.3	112	160	<0.05	N.A.	N.A.
B00395344	10.5	96	57.4	<0.05	N.A.	N.A.
B00395345	8.9	99	77.8	<0.05	N.A.	N.A.
B00395346	15.8	150	255	0.06	N.A.	N.A.
B00395347	9.8	150	195	0.11	N.A.	N.A.
B00395348	5.7	62	51.7	0.06	N.A.	N.A.
B00395349	12.6	123	230	<0.05	N.A.	N.A.
B00395350	5.8	18	43.9	<0.05	N.A.	N.A.
B00395351	14.9	141	257	<0.05	N.A.	N.A.
*Dup B00395351	14.7	136	262	<0.05	N.A.	N.A.
B00395352	15.0	143	267	<0.05	N.A.	N.A.
B00395353	9.1	86	108	<0.05	N.A.	N.A.
B00395354	10.2	81	137	0.06	N.A.	N.A.
B00395355	11.6	145	140	0.14	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
B00395356	10.4	89	121	0.07	N.A.	N.A.
B00395357	11.9	102	116	<0.05	N.A.	N.A.
B00395358	7.3	94	39.4	<0.05	N.A.	N.A.
B00395359	11.1	68	192	0.05	N.A.	N.A.
B00395360	11.1	68	216	<0.05	N.A.	N.A.
B00395361	10.5	63	182	<0.05	N.A.	N.A.
B00395362	10.9	70	177	<0.05	N.A.	N.A.
B00395363	13.1	81	147	<0.05	N.A.	N.A.
B00395364	11.9	86	162	<0.05	N.A.	N.A.
B00395365	11.0	87	152	0.06	N.A.	N.A.
B00395366	13.2	82	183	<0.05	N.A.	N.A.
B00395367	12.2	83	155	0.09	N.A.	N.A.
B00395368	11.9	102	176	<0.05	N.A.	N.A.
B00395369	11.4	79	162	<0.05	N.A.	N.A.
B00395370	17.5	17	114	0.86	N.A.	N.A.
B00395371	11.4	75	143	<0.05	N.A.	N.A.
B00395372	11.9	76	159	<0.05	N.A.	N.A.
B00395373	10.6	59	149	<0.05	N.A.	N.A.
B00395374	11.1	66	167	<0.05	N.A.	N.A.
B00395375	11.7	99	125	<0.05	N.A.	N.A.
B00395376	12.0	108	102	0.08	N.A.	N.A.
B00395377	10.7	93	134	0.06	N.A.	N.A.
B00395378	12.4	105	128	0.08	N.A.	N.A.
B00395379	10.9	65	141	<0.05	N.A.	N.A.
B00395380	5.5	19	39.3	<0.05	N.A.	N.A.
B00395381	10.0	90	109	0.05	N.A.	N.A.
B00395382	7.6	61	105	<0.05	N.A.	N.A.
B00395383	10.7	108	117	<0.05	N.A.	N.A.
B00395384	10.6	99	120	<0.05	N.A.	N.A.
B00395385	10.3	80	148	0.09	N.A.	N.A.
B00395386	10.6	79	156	0.08	N.A.	N.A.
B00395387	11.4	81	155	0.07	N.A.	N.A.
B00395388	10.5	112	95.9	0.12	N.A.	N.A.
B00395389	10.5	113	139	0.07	N.A.	N.A.
B00395390	9.4	114	117	0.09	N.A.	N.A.
B00395391	9.9	160	111	0.09	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
*Rep B00395341	22.9	117	227	<0.05		
*Rep B00395377	10.5	91	132	<0.05		
*Std OREAS-602	5.8	4108	82.7	34.35		
*Std RTS-3A	11.8	2675	66.4	N.A.		
*Std OREAS-602	5.8	4257	83.2	37.22		
*Std RTS-3A	11.7	2680	66.9	N.A.		
*Blk BLANK	<0.5	<1	<0.5	<0.05		
*Std RTS-3A				1.95		
*Std OREAS-602				35.37		
*Rep B00395340					30780	23047
*Std OREAS-624					31597	23804
*Blk BLANK					<10	<10

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Certificate of Analysis
Work Order : VD1900566
[Report File No.: 000022137]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 34
 Received: Sep 3, 2019
 Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

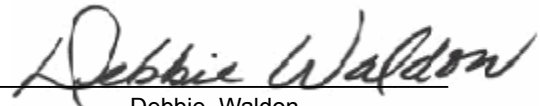
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
34	SHIP	Shipping
33	G_WGH79	Weighing of samples and reporting of weights
33	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
34	GE_FAA515	@Au, FAS, AAS, 50g-5ml
34	GE_ICP40B	@ICP-OES after Multi-Acid Digest
34	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395392	2.230	0.007	<2	8.04	16	677	2.1	<5
B00395393	2.195	<0.005	<2	8.33	8	649	2.1	<5
B00395394	1.750	<0.005	<2	7.71	7	592	1.8	<5
B00395395	2.002	<0.005	<2	8.14	29	574	1.8	<5
B00395396	1.846	<0.005	<2	8.74	14	663	2.1	<5
B00395397	2.011	<0.005	<2	8.44	16	614	1.9	<5
B00395398	1.779	<0.005	<2	8.42	94	585	1.9	<5
B00395399	1.934	<0.005	<2	8.74	19	707	2.3	<5
B00395400	0.064	1.078	<2	6.46	3	64	0.6	<5
B00395401	1.856	<0.005	<2	7.58	15	509	1.7	<5
B00395402	1.955	<0.005	<2	7.15	237	401	1.5	<5
B00395403	1.932	<0.005	<2	7.63	27	467	1.7	<5
B00395404	1.942	<0.005	<2	8.03	13	573	2.0	<5
B00395405	1.845	<0.005	<2	7.70	23	469	1.6	<5
B00395406	1.889	<0.005	<2	8.24	19	561	1.9	<5
B00395407	2.020	<0.005	<2	7.88	22	461	1.6	<5
B00395408	1.959	<0.005	<2	7.32	35	380	1.4	<5
B00395409	1.598	<0.005	<2	7.98	21	509	1.8	<5
B00395410	0.194	<0.005	<2	6.37	<3	352	0.9	<5
B00395411	1.885	<0.005	<2	7.68	24	452	1.7	<5
B00395412	1.681	<0.005	<2	7.63	17	455	1.6	<5
B00395413	1.813	<0.005	<2	7.60	21	435	1.6	<5
B00395414	1.824	<0.005	<2	7.24	18	423	1.5	<5
B00395415	1.835	<0.005	<2	7.91	16	475	1.7	<5
B00395416	1.735	<0.005	<2	7.40	19	436	1.7	<5
B00395417	1.958	<0.005	<2	7.87	19	484	1.8	<5
B00395418	1.808	<0.005	<2	7.98	20	460	1.7	<5
B00395419	1.830	<0.005	<2	7.70	25	461	1.7	<5
B00395420	N.A.	<0.005	<2	7.74	24	463	1.7	<5
B00395421	1.706	<0.005	<2	7.29	23	400	1.5	<5
B00395422	1.818	<0.005	<2	6.78	29	324	1.3	<5
B00395423	1.704	<0.005	<2	6.24	20	375	1.4	<5
B00395424	1.759	<0.005	<2	7.82	28	511	1.8	<5
B00395431	2.440	<0.005	<2	7.62	15	510	2.0	<5
*Rep B00395403		<0.005						
*Std OXE150		0.580						
*Std OREAS-217		0.311						
*Rep B00395416			<2	7.45	21	437	1.7	<5
*Std OREAS-602			>100	4.37	650	122	0.7	58
*Std RTS-3A			10	5.13	16	97	<0.5	26

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395392	0.54	<1	12	88	47.3	5.42	2.98	39.7
B00395393	0.56	<1	11	70	19.7	5.04	3.34	40.9
B00395394	1.02	<1	7	72	22.4	3.75	3.40	42.7
B00395395	0.79	<1	9	65	23.3	4.38	3.02	38.4
B00395396	0.60	<1	12	84	26.0	5.15	3.31	42.2
B00395397	0.83	<1	14	86	28.3	5.60	3.03	37.2
B00395398	1.02	<1	26	246	13.2	6.17	3.37	39.1
B00395399	0.64	<1	13	124	63.6	5.13	3.75	41.6
B00395400	3.60	<1	2	32	4701	>15.0	2.67	8.9
B00395401	1.77	<1	23	107	112	6.97	2.98	25.3
B00395402	3.26	<1	30	368	7.4	6.77	2.60	29.0
B00395403	1.79	<1	19	86	40.6	5.87	2.86	36.8
B00395404	0.67	<1	11	95	35.7	4.83	3.19	39.5
B00395405	1.83	<1	14	117	16.4	5.88	2.56	35.9
B00395406	0.77	<1	14	93	30.5	5.84	3.34	39.8
B00395407	1.30	<1	15	105	25.2	6.09	2.85	36.5
B00395408	2.01	<1	21	133	12.2	6.54	2.44	30.8
B00395409	1.63	<1	16	97	21.4	6.21	3.20	36.1
B00395410	1.76	<1	5	35	5.8	2.00	1.33	7.7
B00395411	1.60	<1	17	107	14.9	6.28	2.85	35.5
B00395412	1.19	<1	15	93	34.5	6.00	2.90	35.7
B00395413	1.37	<1	15	85	20.2	6.09	2.73	36.0
B00395414	1.21	<1	15	102	20.5	5.78	2.52	33.9
B00395415	0.95	<1	14	106	28.0	6.27	2.84	37.5
B00395416	2.12	<1	15	96	24.6	5.79	2.63	33.3
B00395417	1.42	<1	15	76	20.4	6.07	2.97	36.1
B00395418	1.41	<1	17	105	21.2	6.47	2.74	34.9
B00395419	1.36	<1	16	116	20.4	6.16	2.83	34.7
B00395420	1.28	<1	17	124	22.4	6.14	2.83	35.7
B00395421	1.64	<1	16	109	21.0	6.04	2.56	33.3
B00395422	1.95	<1	17	121	21.4	6.04	2.26	28.2
B00395423	1.96	<1	12	118	20.3	5.02	2.64	32.0
B00395424	1.69	<1	16	84	16.1	5.91	3.67	36.7
B00395431	0.91	<1	9	69	13.5	3.81	3.22	38.2
*Rep B00395416	2.15	<1	15	111	22.8	5.85	2.65	34.4
*Std OREAS-602	0.64	25	10	27	5005	2.28	0.72	14.1
*Std RTS-3A	2.09	9	128	137	2273	>15.0	0.48	10.0

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395392	17	1.10	973	4	0.69	30	0.04	27
B00395393	15	1.06	1212	2	1.01	24	0.04	21
B00395394	13	0.82	606	3	0.81	16	0.04	26
B00395395	15	1.03	603	1	1.01	22	0.04	25
B00395396	17	1.13	863	2	0.83	26	0.04	24
B00395397	16	1.18	1278	2	0.89	28	0.04	26
B00395398	23	2.22	1279	3	0.45	114	0.05	30
B00395399	21	1.58	777	2	0.67	57	0.05	22
B00395400	119	0.74	2909	195	0.68	3	0.44	5
B00395401	20	2.01	1763	3	0.51	49	0.06	20
B00395402	26	3.66	1959	1	0.27	236	0.05	21
B00395403	18	1.63	1193	2	0.97	36	0.09	19
B00395404	17	1.24	591	2	0.82	35	0.04	24
B00395405	19	1.82	1009	2	0.93	49	0.05	22
B00395406	19	1.79	633	1	0.73	46	0.05	20
B00395407	19	1.99	982	<1	0.94	50	0.06	15
B00395408	19	2.34	1276	1	0.95	60	0.06	18
B00395409	19	1.96	1006	<1	0.64	53	0.05	19
B00395410	8	0.56	290	<1	2.77	20	0.02	9
B00395411	18	2.04	1135	<1	0.85	53	0.05	20
B00395412	17	1.79	921	<1	0.87	44	0.06	20
B00395413	18	1.89	985	<1	1.02	48	0.05	21
B00395414	17	1.72	758	1	1.05	46	0.05	19
B00395415	19	1.82	727	1	1.03	45	0.06	20
B00395416	17	1.76	1168	<1	1.13	47	0.05	20
B00395417	18	1.84	922	<1	0.94	47	0.05	21
B00395418	19	2.02	998	1	1.18	50	0.06	19
B00395419	19	2.11	924	<1	0.91	68	0.06	22
B00395420	19	2.10	888	<1	0.92	68	0.06	20
B00395421	18	2.07	997	<1	1.00	57	0.06	20
B00395422	17	2.17	1155	1	0.98	52	0.05	19
B00395423	15	1.60	1020	2	0.48	37	0.06	20
B00395424	19	1.93	986	1	0.08	52	0.05	34
B00395431	12	0.93	472	2	0.91	23	0.04	23
*Rep B00395416	17	1.78	1186	1	1.14	47	0.05	21
*Std OREAS-602	20	0.21	219	5	0.44	62	0.06	1038
*Std RTS-3A	15	2.45	1384	3	0.69	49	0.04	196

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395392	0.95	<5	12.2	<10	35.5	0.31	88	<10
B00395393	0.27	<5	13.1	<10	36.6	0.34	89	<10
B00395394	0.28	<5	11.0	<10	52.9	0.28	73	<10
B00395395	0.23	<5	12.9	<10	47.9	0.30	89	<10
B00395396	0.31	<5	14.3	<10	37.3	0.35	97	<10
B00395397	0.49	<5	13.8	<10	41.6	0.34	97	<10
B00395398	0.21	<5	16.2	<10	45.6	0.29	121	<10
B00395399	0.63	7	14.7	<10	35.7	0.29	103	<10
B00395400	0.65	<5	6.4	75	115	0.12	47	1355
B00395401	1.01	<5	19.9	<10	65.2	0.34	184	<10
B00395402	0.05	<5	15.7	<10	120	0.17	128	<10
B00395403	0.36	<5	14.8	<10	64.9	0.52	116	<10
B00395404	0.35	<5	12.9	<10	33.8	0.32	89	<10
B00395405	0.14	<5	16.4	<10	69.0	0.27	116	<10
B00395406	0.23	<5	16.9	<10	36.7	0.30	119	<10
B00395407	0.23	<5	16.6	<10	54.6	0.27	121	<10
B00395408	0.10	<5	19.5	<10	76.9	0.27	144	<10
B00395409	0.28	<5	17.3	<10	58.5	0.28	124	<10
B00395410	<0.01	<5	5.3	<10	373	0.15	37	<10
B00395411	0.22	<5	18.0	<10	62.3	0.29	129	<10
B00395412	0.33	<5	16.0	<10	49.7	0.28	115	<10
B00395413	0.19	<5	17.4	<10	55.1	0.26	123	<10
B00395414	0.21	<5	16.9	<10	49.0	0.26	116	<10
B00395415	0.27	<5	17.3	<10	43.9	0.31	121	<10
B00395416	0.24	5	16.7	<10	75.9	0.31	117	<10
B00395417	0.22	<5	16.6	<10	55.4	0.30	120	<10
B00395418	0.29	<5	18.7	<10	59.1	0.29	134	<10
B00395419	0.23	<5	16.9	<10	56.0	0.28	124	<10
B00395420	0.20	<5	16.9	<10	55.1	0.28	125	<10
B00395421	0.20	<5	16.6	<10	64.4	0.28	121	<10
B00395422	0.19	<5	17.7	<10	74.5	0.29	134	<10
B00395423	0.20	<5	12.7	<10	66.4	0.24	91	<10
B00395424	0.17	<5	16.9	<10	55.8	0.32	125	<10
B00395431	0.02	<5	11.1	<10	53.7	0.22	70	<10
*Rep B00395416	0.25	5	16.8	<10	76.8	0.32	120	<10
*Std OREAS-602	2.03	79	3.9	<10	440	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.3	34	45.8	0.31	104	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395392	10.0	93	170	0.13
B00395393	10.4	95	150	<0.05
B00395394	10.2	71	175	<0.05
B00395395	9.5	80	145	<0.05
B00395396	10.8	90	150	<0.05
B00395397	10.4	100	149	<0.05
B00395398	10.1	139	146	<0.05
B00395399	9.8	89	144	<0.05
B00395400	7.5	309	29.0	0.37
B00395401	7.7	91	102	<0.05
B00395402	9.7	105	127	0.06
B00395403	11.8	86	178	<0.05
B00395404	10.4	80	176	0.09
B00395405	10.2	84	140	<0.05
B00395406	11.4	86	169	<0.05
B00395407	10.7	79	160	0.07
B00395408	10.6	86	152	0.09
B00395409	10.3	87	140	<0.05
B00395410	5.6	20	45.3	<0.05
B00395411	10.6	86	158	<0.05
B00395412	10.9	80	149	<0.05
B00395413	11.2	84	164	<0.05
B00395414	10.2	77	141	<0.05
B00395415	10.6	89	154	<0.05
B00395416	10.5	79	159	<0.05
B00395417	10.7	84	152	0.05
B00395418	10.5	90	139	<0.05
B00395419	10.7	86	158	<0.05
B00395420	10.2	85	158	<0.05
B00395421	10.1	81	155	<0.05
B00395422	9.9	83	145	<0.05
B00395423	9.6	66	138	<0.05
B00395424	10.7	97	149	<0.05
B00395431	10.4	67	175	<0.05
*Rep B00395416	10.5	77	162	<0.05
*Std OREAS-602	5.8	4302	83.0	35.44
*Std RTS-3A	12.1	2735	67.8	N.A.

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Certificate of Analysis
Work Order : VD1900568
[Report File No.: 000022130]

Date: October 08, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 12
Received: Sep 3, 2019
Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
12	SHIP	Shipping
12	G_WGH79	Weighing of samples and reporting of weights
12	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
12	GE_FAA515	@Au, FAS, AAS, 50g-5ml
12	GE_ICP40B	@ICP-OES after Multi-Acid Digest
12	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00393073	0.962	<0.005	<2	0.58	<3	9	<0.5	<5
B00393905	1.896	0.064	<2	5.56	<3	11	<0.5	<5
B00393906	0.986	<0.005	<2	8.59	9	132	<0.5	<5
B00393907	1.218	0.014	<2	0.61	<3	76	<0.5	<5
B00393908	1.159	0.008	<2	0.41	3	9	<0.5	<5
B00393909	0.926	<0.005	<2	0.93	3	75	<0.5	<5
B00393910	1.312	2.466	<2	5.23	>10000	94	<0.5	<5
B00393911	0.965	0.098	<2	2.37	923	17	<0.5	<5
B00393912	0.719	0.008	<2	5.15	61	1053	<0.5	<5
B00393913	1.311	0.021	<2	4.93	230	331	<0.5	<5
B00393914	1.910	0.392	<2	5.58	4273	123	<0.5	<5
B00393915	1.488	0.008	<2	6.21	228	281	<0.5	<5
*Rep B00393908		0.005						
*Std OXE150		0.629						
*Rep B00393907			<2	0.61	<3	76	<0.5	<5
*Std OREAS-602			N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A			11	5.09	20	102	<0.5	31
*Std OREAS-903			<2	5.98	47	202	4.9	<5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00393073	0.08	<1	<1	7	1.5	0.80	0.02	0.7
B00393905	9.58	<1	16	121	53.1	2.97	0.03	1.4
B00393906	7.54	<1	31	118	127	6.20	0.28	13.4
B00393907	7.51	<1	5	78	77.2	5.39	0.20	3.1
B00393908	1.67	<1	<1	7	2.6	0.89	0.03	0.7
B00393909	0.09	<1	5	21	17.2	1.96	0.20	1.0
B00393910	7.18	15	21	72	12.9	6.02	0.37	8.3
B00393911	1.83	<1	3	24	3.0	1.81	0.05	1.3
B00393912	0.05	<1	<1	17	2.5	1.13	6.71	6.7
B00393913	9.07	<1	44	795	87.2	5.82	0.77	4.1
B00393914	8.98	4	46	59	49.4	8.23	0.70	4.7
B00393915	8.05	<1	51	460	88.6	7.78	1.20	3.6
*Rep B00393907	7.56	<1	5	93	78.5	5.35	0.20	2.9
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	2.04	9	129	135	2331	>15.0	0.47	10.6
*Std OREAS-903	0.61	<1	139	83	6180	4.20	3.37	39.1

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393073	<1	0.02	124	1	0.42	3	<0.01	<2
B00393905	4	0.43	347	<1	0.04	41	0.01	6
B00393906	3	1.88	775	3	2.70	52	0.09	13
B00393907	2	0.44	805	<1	0.01	45	0.03	8
B00393908	<1	0.03	194	1	0.29	2	0.01	<2
B00393909	4	0.29	207	2	0.07	12	<0.01	69
B00393910	1	2.19	1244	<1	3.77	22	0.11	4
B00393911	<1	0.41	384	2	1.91	5	0.05	<2
B00393912	3	0.08	173	1	0.20	4	<0.01	13
B00393913	6	3.71	812	<1	1.82	413	0.03	3
B00393914	5	2.84	1462	<1	3.03	61	0.02	2
B00393915	18	3.33	1199	<1	1.86	222	0.02	3
*Rep B00393907	2	0.44	805	2	0.01	49	0.03	8
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	14	2.32	1398	3	0.66	48	0.04	205
*Std OREAS-903	19	0.71	697	5	0.03	51	0.12	13

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393073	<0.01	<5	<0.5	<10	28.1	<0.01	3	<10
B00393905	0.08	<5	15.4	<10	10.8	0.20	80	<10
B00393906	0.68	<5	22.5	<10	1091	0.54	175	<10
B00393907	1.14	<5	3.0	<10	64.5	0.11	49	<10
B00393908	0.04	<5	0.7	<10	40.4	<0.01	3	<10
B00393909	0.10	<5	<0.5	<10	8.9	0.01	7	<10
B00393910	0.70	21	16.7	<10	588	0.04	67	<10
B00393911	0.04	<5	3.8	<10	127	0.01	9	<10
B00393912	<0.01	<5	0.8	<10	53.4	0.02	5	<10
B00393913	0.07	7	22.8	<10	120	0.08	138	<10
B00393914	0.79	<5	36.6	<10	183	0.43	226	<10
B00393915	0.06	<5	35.6	<10	228	0.29	211	<10
*Rep B00393907	1.10	<5	2.9	<10	64.7	0.12	48	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	>5.00	<5	15.1	35	44.2	0.32	100	<10
*Std OREAS-903	0.54	<5	10.4	<10	77.2	0.15	74	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	As
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	30 ppm
B00393073	0.5	5	1.9	<0.05	N.A.
B00393905	4.8	25	17.3	<0.05	N.A.
B00393906	16.6	70	74.7	0.29	N.A.
B00393907	3.6	25	18.2	0.06	N.A.
B00393908	1.6	7	1.0	<0.05	N.A.
B00393909	<0.5	37	2.2	0.20	N.A.
B00393910	10.1	85	65.2	<0.05	12079
B00393911	2.6	14	15.1	<0.05	N.A.
B00393912	1.2	29	79.5	<0.05	N.A.
B00393913	7.8	41	43.6	<0.05	N.A.
B00393914	8.9	53	41.3	<0.05	N.A.
B00393915	9.7	65	31.1	<0.05	N.A.
*Rep B00393907	3.5	25	19.1	0.05	
*Std OREAS-602	N.A.	N.A.	N.A.	36.15	
*Std RTS-3A	11.9	2728	67.4	N.A.	
*Std OREAS-903	22.7	26	145		
*Std OREAS-903				<0.05	
*Std OREAS-602				38.56	
*Rep B00393910					12226
*Std MP-1B					23369
*Blk BLANK					<30

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Certificate of Analysis
Work Order : VD1900569
[Report File No.: 000022115]

Date: October 08, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 75
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

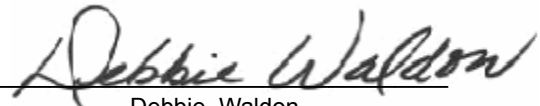
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
74	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
72	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
74	GE_FAA515	@Au, FAS, AAS, 50g-5ml
74	GE_ICP40B	@ICP-OES after Multi-Acid Digest
74	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
2	G_PUL45	Pulverize 250g, Cr steel, 75 microns, 85% passing

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.
 Sample B00395431 not received with this batch

Certified By : 
 Debbie Waldon
 Project Coordinator

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Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
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B00395425	1.497	<0.005	<2	8.07	34	592	1.9	<5
B00395426	1.739	0.009	<2	5.18	66	425	1.3	<5
B00395427	1.814	0.025	<2	7.66	22	739	1.8	<5
B00395428	1.620	0.060	<2	8.31	176	888	2.4	<5
B00395429	1.673	0.312	<2	6.27	60	444	1.4	<5
B00395430	0.061	2.556	5	3.75	18	208	0.6	<5
B00395431	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
B00395432	1.833	0.010	<2	7.63	46	518	1.6	<5
B00395433	1.479	0.005	<2	6.18	28	453	1.3	<5
B00395434	1.998	0.060	<2	7.04	51	472	1.4	<5
B00395435	1.442	0.115	<2	8.34	26	669	2.0	<5
B00395436	1.600	0.023	<2	7.10	15	563	1.7	<5
B00395437	1.947	0.144	<2	6.03	36	487	1.5	<5
B00395438	1.882	0.010	<2	7.45	13	610	1.9	<5
B00395439	1.999	0.008	<2	7.43	20	588	1.8	<5
B00395440	0.222	<0.005	<2	6.51	<3	364	0.9	<5
B00395441	1.829	<0.005	<2	7.54	28	482	1.4	<5
B00395442	1.777	0.034	<2	8.27	28	583	1.7	<5
B00395443	1.770	0.086	<2	8.06	43	593	1.8	<5
B00395444	1.950	0.018	<2	7.32	17	510	1.8	<5
B00395445	1.995	0.046	<2	7.75	31	541	1.8	<5
B00395446	1.704	0.036	<2	8.16	24	601	1.9	<5
B00395447	1.818	0.035	<2	8.82	29	655	2.1	<5
B00395448	1.763	0.062	<2	8.59	28	642	2.0	<5
B00395449	1.873	0.009	<2	8.63	24	602	2.0	<5
B00395515	2.245	0.050	<2	7.13	60	90	<0.5	<5
B00395516	2.215	0.200	<2	6.86	59	151	0.6	<5
B00395517	2.263	0.077	<2	6.74	51	163	0.6	<5
B00395518	2.208	0.231	<2	6.39	29	116	0.5	<5
B00395519	2.273	0.203	<2	6.34	20	89	<0.5	<5
B00395520	N.A.	0.176	<2	6.26	19	92	<0.5	<5
B00395521	2.194	<0.005	<2	6.53	10	96	<0.5	<5
B00395522	2.170	<0.005	<2	6.63	10	69	<0.5	<5
B00395523	2.334	<0.005	<2	7.20	23	201	0.9	<5
B00395524	2.175	0.007	<2	6.63	20	145	0.7	<5
*Dup B00395524	N.A.	<0.005	<2	6.66	15	143	0.7	<5
B00395525	2.089	<0.005	<2	6.82	6	164	0.7	<5
B00395526	1.984	0.005	<2	7.17	40	152	0.7	<5
B00395527	2.247	0.027	<2	6.70	17	149	0.7	<5
B00395528	2.002	0.052	<2	6.46	22	87	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395529	2.202	0.029	<2	6.60	23	83	<0.5	<5
B00395530	0.249	<0.005	<2	6.40	<3	362	0.9	<5
B00395531	2.062	0.223	<2	7.16	21	93	<0.5	<5
B00395532	2.242	0.140	3	7.01	17	118	0.6	<5
B00395533	2.221	0.007	<2	7.22	16	116	0.6	<5
B00395534	2.261	0.010	<2	7.26	27	130	0.7	<5
B00395535	2.292	<0.005	<2	7.07	27	105	0.6	<5
B00395536	1.911	0.010	<2	6.56	27	45	<0.5	<5
B00395537	2.211	<0.005	<2	6.95	16	92	0.5	<5
B00395538	2.235	<0.005	<2	6.85	10	120	0.7	<5
B00395539	2.140	<0.005	<2	6.98	11	123	0.8	<5
B00395540	0.063	2.626	5	3.70	17	196	0.7	<5
B00395541	2.152	<0.005	<2	6.62	48	103	0.7	<5
B00395542	2.313	<0.005	<2	6.28	50	89	0.6	<5
B00395543	2.019	0.013	<2	6.84	39	73	<0.5	<5
B00395544	1.412	0.010	<2	8.04	22	586	1.9	<5
B00395545	2.175	<0.005	<2	7.47	29	514	1.8	<5
B00395546	2.127	0.010	<2	8.34	33	658	2.1	<5
B00395547	2.114	0.020	<2	7.87	35	605	1.9	<5
B00395548	2.157	<0.005	<2	7.49	17	539	1.9	<5
B00395549	2.171	0.028	<2	8.05	24	556	1.9	<5
B00395550	N.A.	0.029	<2	8.18	23	598	2.1	<5
B00395551	2.200	<0.005	<2	7.75	19	591	2.0	<5
B00395552	2.255	<0.005	<2	3.41	169	11	0.5	<5
B00395553	2.152	<0.005	<2	3.46	53	53	0.6	<5
B00395554	2.345	0.202	<2	6.16	30	283	0.7	<5
B00395555	2.041	0.028	<2	4.22	<3	73	0.6	<5
B00395556	1.809	0.005	<2	3.80	101	44	0.5	<5
B00395557	2.116	0.006	<2	3.40	129	20	<0.5	<5
B00395558	2.216	<0.005	<2	4.28	272	16	<0.5	<5
B00395559	2.222	0.245	<2	5.50	110	290	1.3	<5
B00395560	0.231	<0.005	<2	5.80	<3	350	0.9	<5
B00395561	1.980	0.075	<2	5.74	13	444	1.6	<5
B00395562	2.167	0.022	<2	6.27	11	750	2.1	<5
B00395563	2.061	<0.005	<2	7.05	8	107	1.1	<5
B00395564	2.394	<0.005	<2	6.94	13	130	1.2	<5
*Rep B00395533		0.009						
*Rep B00395542		<0.005						
*Std OREAS-217		0.334						
*Std OREAS-221		1.088						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-503D	0.662						
*Blk BLANK	<0.005						
*Rep B00395445		<2	7.76	30	546	1.8	<5
*Rep B00395558		<2	4.22	259	16	<0.5	<5
*Std OREAS-602		>100	4.46	660	133	0.8	59
*Std RTS-3A		13	5.08	19	100	<0.5	29
*Std OREAS-602		>100	4.40	648	155	0.8	59
*Std RTS-3A		10	4.79	15	101	<0.5	40
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Std OREAS-903		<2	6.12	50	202	4.8	5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395425	1.27	<1	11	94	22.4	5.98	3.45	40.2
B00395426	1.93	<1	10	159	23.2	3.73	2.41	26.9
B00395427	0.37	<1	6	56	25.9	4.25	3.24	42.6
B00395428	0.28	<1	8	58	29.3	4.42	3.81	48.3
B00395429	1.07	4	12	97	40.6	5.53	2.16	32.0
B00395430	10.5	<1	4	11	75.8	1.78	1.66	8.3
B00395431	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
B00395432	1.44	<1	12	94	38.2	5.73	2.62	37.5
B00395433	1.06	<1	8	86	27.7	4.52	2.28	32.5
B00395434	1.32	<1	11	82	35.2	5.30	2.41	33.7
B00395435	0.71	<1	12	69	34.8	4.96	3.77	42.3
B00395436	1.26	<1	10	82	18.8	4.11	3.40	34.4
B00395437	0.55	<1	8	47	18.2	3.65	2.93	28.1
B00395438	0.91	<1	9	47	11.9	4.10	3.69	34.6
B00395439	1.22	<1	11	58	30.5	4.72	3.52	37.9
B00395440	1.77	<1	5	22	5.9	1.79	1.31	8.6
B00395441	1.03	<1	12	60	15.7	4.60	3.06	32.9
B00395442	1.05	<1	12	64	27.3	4.89	3.74	35.7
B00395443	1.47	<1	11	64	24.5	4.55	3.13	37.6
B00395444	0.71	<1	15	46	40.5	4.80	3.56	42.5
B00395445	0.44	<1	11	47	14.2	3.67	3.75	39.6
B00395446	0.58	<1	11	50	19.7	4.14	3.98	42.3
B00395447	0.42	<1	13	63	23.2	4.51	4.12	44.6
B00395448	0.75	<1	12	59	15.0	4.41	3.86	42.2
B00395449	0.67	<1	13	62	21.4	4.50	3.55	41.7
B00395515	3.32	<1	48	34	170	11.1	0.68	12.3
B00395516	4.17	<1	46	32	173	9.99	1.19	11.0
B00395517	5.45	<1	46	26	181	9.57	1.30	11.7
B00395518	5.47	<1	41	27	159	9.62	0.76	11.1
B00395519	6.03	<1	42	25	265	9.85	0.52	10.8
B00395520	5.94	<1	42	26	249	9.52	0.50	10.7
B00395521	6.11	<1	41	29	159	9.60	0.58	10.7
B00395522	6.60	<1	41	24	130	9.20	0.43	11.9
B00395523	5.23	<1	42	162	109	8.31	1.48	8.5
B00395524	4.13	<1	42	123	104	8.78	1.21	8.7
*Dup B00395524	3.89	<1	40	126	107	8.73	1.22	8.6
B00395525	2.28	<1	45	50	266	10.8	1.49	10.9
B00395526	1.84	<1	50	146	137	9.38	1.57	9.0
B00395527	5.24	<1	44	48	126	9.08	1.57	10.7
B00395528	6.66	<1	45	29	160	9.39	0.86	11.4

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395529	5.88	<1	44	30	172	9.01	0.84	10.1
B00395530	1.78	<1	5	23	6.2	1.77	1.30	7.9
B00395531	6.51	<1	49	28	176	10.0	0.93	11.9
B00395532	6.18	<1	44	31	148	9.08	1.17	11.3
B00395533	5.95	<1	46	28	187	9.44	1.04	11.9
B00395534	5.01	<1	50	31	173	9.39	1.18	10.7
B00395535	6.40	<1	46	25	140	9.54	0.98	11.2
B00395536	6.70	<1	43	23	143	9.49	0.36	11.3
B00395537	6.73	<1	48	29	143	9.71	0.79	11.2
B00395538	7.26	<1	45	31	149	9.32	1.01	11.5
B00395539	5.70	<1	48	35	191	9.73	0.90	11.9
B00395540	10.1	<1	7	8	75.2	1.84	1.61	8.2
B00395541	6.55	<1	47	29	148	9.32	0.77	10.6
B00395542	9.65	<1	43	26	160	9.12	0.58	11.7
B00395543	7.84	<1	46	32	174	9.23	0.44	11.1
B00395544	0.32	<1	16	53	62.9	5.70	3.69	37.2
B00395545	0.86	<1	11	40	30.0	4.34	2.92	40.9
B00395546	0.60	<1	16	67	43.0	5.45	3.43	43.4
B00395547	1.01	<1	14	62	63.2	5.38	3.05	41.5
B00395548	0.55	<1	12	36	25.8	4.47	2.59	44.6
B00395549	0.61	<1	15	49	42.7	5.68	2.70	40.6
B00395550	0.56	<1	14	49	39.8	5.37	2.91	41.5
B00395551	0.77	<1	10	43	17.7	3.66	2.82	40.6
B00395552	6.47	<1	66	1095	84.3	7.34	0.05	8.7
B00395553	6.84	<1	67	966	103	7.31	0.46	9.7
B00395554	0.57	<1	13	58	78.4	4.58	0.53	35.9
B00395555	6.65	<1	58	767	99.3	7.15	0.20	9.6
B00395556	5.48	<1	66	763	101	7.23	0.05	7.8
B00395557	6.56	<1	68	874	103	7.30	0.03	7.3
B00395558	6.43	<1	61	943	47.7	6.02	0.05	2.6
B00395559	4.87	<1	38	285	89.8	8.23	0.51	38.2
B00395560	1.69	<1	5	22	6.2	1.69	1.20	7.8
B00395561	6.20	<1	32	52	89.1	8.12	0.75	34.0
B00395562	5.75	<1	31	37	42.5	8.61	1.20	37.6
B00395563	6.98	<1	44	113	120	7.95	0.10	21.4
B00395564	8.05	<1	43	103	104	8.40	0.11	21.9

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395445	0.45	<1	11	39	14.6	3.68	3.70	40.1
*Rep B00395558	6.31	<1	60	1050	48.4	5.95	0.05	2.8
*Std OREAS-602	0.63	27	10	25	5182	2.14	0.71	14.3
*Std RTS-3A	2.02	8	122	142	2321	>15.0	0.48	9.7
*Std OREAS-602	0.62	26	10	31	5136	2.13	0.71	15.0
*Std RTS-3A	2.01	9	129	155	2159	>15.0	0.45	9.1
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5
*Std OREAS-903	0.60	<1	122	84	6406	3.99	3.50	38.4

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395425	20	1.90	1066	<1	0.11	53	0.06	25
B00395426	15	1.61	874	2	0.05	59	0.04	15
B00395427	15	1.00	461	2	0.73	23	0.05	17
B00395428	18	1.18	414	1	0.18	27	0.05	21
B00395429	17	1.62	1019	<1	0.84	51	0.05	193
B00395430	46	0.62	627	2	0.58	9	0.05	11
B00395431	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
B00395432	18	1.79	1084	<1	1.01	52	0.06	20
B00395433	14	1.35	866	1	0.67	44	0.05	15
B00395434	16	1.64	1005	<1	0.94	46	0.05	18
B00395435	16	1.21	496	2	0.50	31	0.05	19
B00395436	14	1.09	804	2	0.25	25	0.04	26
B00395437	12	0.90	436	2	0.05	21	0.04	35
B00395438	15	1.11	794	1	0.10	23	0.05	12
B00395439	15	1.22	788	1	0.19	26	0.04	16
B00395440	8	0.55	284	<1	2.73	19	0.02	9
B00395441	14	1.23	636	<1	0.79	29	0.06	17
B00395442	16	1.26	636	<1	0.30	32	0.06	15
B00395443	16	1.15	838	<1	0.06	28	0.05	10
B00395444	14	1.10	771	1	0.12	27	0.04	11
B00395445	14	1.05	365	1	0.26	27	0.05	17
B00395446	15	1.12	477	<1	0.27	28	0.05	19
B00395447	16	1.25	401	<1	0.38	32	0.05	18
B00395448	16	1.25	526	<1	0.58	29	0.04	20
B00395449	16	1.30	483	1	1.00	29	0.04	18
B00395515	27	4.64	1325	<1	0.79	44	0.07	4
B00395516	23	3.64	1287	<1	0.64	42	0.07	4
B00395517	20	3.20	1575	<1	0.69	42	0.07	5
B00395518	19	3.20	1652	<1	0.89	38	0.06	7
B00395519	18	3.45	1675	<1	0.92	37	0.06	51
B00395520	18	3.38	1667	1	0.92	36	0.06	57
B00395521	19	3.79	1681	<1	0.96	37	0.06	5
B00395522	18	3.45	1543	<1	1.34	39	0.06	4
B00395523	21	4.30	1465	<1	1.03	89	0.05	4
B00395524	22	4.36	1385	<1	0.56	77	0.05	4
*Dup B00395524	22	4.30	1326	<1	0.51	72	0.05	3
B00395525	21	3.70	1260	1	0.31	50	0.07	6
B00395526	24	4.37	1003	<1	0.08	78	0.06	7
B00395527	18	3.29	1641	1	0.65	44	0.07	7
B00395528	16	2.90	1957	<1	1.31	41	0.07	7

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395529	15	2.27	1648	<1	1.75	40	0.06	7
B00395530	8	0.55	290	<1	2.72	19	0.02	9
B00395531	17	2.58	1823	<1	1.75	45	0.07	10
B00395532	16	2.51	1776	<1	1.65	42	0.07	6
B00395533	17	2.75	1948	<1	1.90	43	0.07	7
B00395534	18	2.95	1607	<1	1.49	48	0.07	8
B00395535	20	3.14	1646	<1	1.25	46	0.07	7
B00395536	19	3.13	1598	<1	1.45	42	0.07	5
B00395537	18	2.98	1816	<1	1.49	45	0.07	5
B00395538	18	2.85	2004	<1	1.35	45	0.07	4
B00395539	18	2.85	1833	<1	1.55	48	0.07	5
B00395540	42	0.60	561	3	0.57	8	0.04	12
B00395541	18	2.99	1855	<1	1.30	45	0.06	7
B00395542	17	2.77	2370	<1	1.50	41	0.06	6
B00395543	19	2.91	1823	<1	1.68	46	0.07	4
B00395544	17	1.58	516	3	0.06	35	0.05	10
B00395545	14	1.15	690	<1	0.98	25	0.05	18
B00395546	16	1.28	770	<1	0.95	34	0.05	23
B00395547	16	1.18	928	1	1.10	33	0.05	26
B00395548	13	0.88	826	2	1.51	19	0.03	28
B00395549	16	1.20	820	1	1.43	32	0.05	26
B00395550	16	1.20	764	1	1.35	32	0.05	27
B00395551	14	1.04	434	<1	1.45	26	0.05	24
B00395552	11	11.0	1286	<1	0.12	839	0.03	3
B00395553	12	9.41	1256	<1	0.03	682	0.04	<2
B00395554	7	1.28	664	3	3.78	32	0.03	33
B00395555	10	7.91	1261	<1	0.45	452	0.05	3
B00395556	15	8.86	1091	<1	0.62	650	0.05	3
B00395557	16	9.19	1200	<1	0.30	672	0.04	3
B00395558	23	9.50	1001	<1	0.31	661	0.02	3
B00395559	10	4.73	1426	2	2.25	258	0.23	6
B00395560	8	0.53	276	<1	2.58	19	0.02	8
B00395561	10	2.85	1772	2	2.51	54	0.21	11
B00395562	14	2.71	1449	1	2.08	44	0.23	4
B00395563	7	2.94	1313	2	2.79	88	0.13	4
B00395564	6	2.96	1589	1	2.75	89	0.13	4

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00395445	14	1.06	363	1	0.26	27	0.05	18
*Rep B00395558	23	9.39	989	<1	0.30	644	0.02	3
*Std OREAS-602	20	0.21	216	5	0.44	62	0.06	1046
*Std RTS-3A	15	2.42	1385	3	0.67	47	0.04	190
*Std OREAS-602	20	0.20	218	5	0.44	65	0.06	1014
*Std RTS-3A	14	2.40	1376	2	0.66	51	0.04	197
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Std OREAS-903	19	0.72	734	4	0.03	52	0.11	13

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395425	0.25	<5	19.0	<10	49.0	0.19	134	<10
B00395426	0.33	<5	11.7	<10	77.1	0.14	81	<10
B00395427	0.54	<5	13.0	<10	27.5	0.27	88	<10
B00395428	0.37	<5	15.0	<10	21.9	0.30	101	<10
B00395429	0.62	<5	16.0	<10	51.8	0.22	114	<10
B00395430	0.65	<5	6.8	<10	238	0.16	60	<10
B00395431	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
B00395432	0.43	<5	17.8	<10	62.3	0.25	129	<10
B00395433	0.34	<5	13.3	<10	46.6	0.20	96	<10
B00395434	0.39	<5	15.9	<10	57.6	0.23	117	<10
B00395435	0.75	<5	15.0	<10	29.8	0.30	101	<10
B00395436	0.24	<5	11.8	<10	47.3	0.24	73	<10
B00395437	0.27	<5	9.9	<10	23.7	0.23	65	<10
B00395438	0.20	<5	11.5	<10	36.9	0.28	72	<10
B00395439	0.43	<5	13.0	<10	44.6	0.27	91	<10
B00395440	<0.01	<5	5.5	<10	379	0.15	34	<10
B00395441	0.18	<5	13.0	<10	41.7	0.29	87	<10
B00395442	0.36	<5	15.2	<10	39.2	0.33	103	<10
B00395443	0.51	<5	13.3	<10	32.9	0.30	85	<10
B00395444	1.01	<5	12.2	<10	26.5	0.26	101	<10
B00395445	0.32	<5	12.3	<10	21.0	0.27	74	<10
B00395446	0.43	<5	13.5	<10	23.9	0.27	75	<10
B00395447	0.28	<5	15.1	<10	22.5	0.28	90	<10
B00395448	0.20	<5	14.9	<10	29.3	0.26	87	<10
B00395449	0.24	<5	14.5	<10	28.9	0.27	85	<10
B00395515	0.28	<5	37.1	<10	38.1	0.46	321	<10
B00395516	0.64	<5	35.9	<10	49.9	0.53	315	<10
B00395517	0.68	<5	35.3	<10	63.2	0.60	308	<10
B00395518	0.61	<5	33.9	<10	61.7	0.58	302	<10
B00395519	0.62	<5	33.4	<10	66.7	0.62	291	<10
B00395520	0.61	<5	33.9	<10	66.5	0.60	295	<10
B00395521	0.45	<5	33.2	<10	69.8	0.51	291	<10
B00395522	0.45	<5	33.2	<10	74.9	0.53	282	<10
B00395523	0.32	6	36.7	<10	55.9	0.26	235	<10
B00395524	0.42	<5	35.6	<10	41.8	0.26	254	<10
*Dup B00395524	0.41	<5	35.9	<10	39.0	0.21	251	<10
B00395525	2.01	<5	37.6	<10	24.1	0.38	312	<10
B00395526	0.50	8	39.2	<10	15.9	0.28	286	<10
B00395527	1.19	<5	35.2	<10	44.2	0.47	300	<10
B00395528	1.26	<5	34.5	<10	67.0	0.69	281	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.01 %	5 ppm	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm
B00395529	1.54	<5	34.5	<10	65.9	0.75	283	<10
B00395530	<0.01	<5	5.7	<10	382	0.16	30	<10
B00395531	1.91	<5	38.4	<10	75.6	0.80	334	<10
B00395532	1.55	<5	38.0	<10	69.4	0.75	337	<10
B00395533	1.52	<5	38.7	<10	66.0	0.72	344	<10
B00395534	1.15	<5	39.7	<10	59.6	0.75	349	<10
B00395535	0.77	<5	37.0	<10	71.4	0.71	317	<10
B00395536	0.47	<5	35.0	<10	76.4	0.63	299	<10
B00395537	0.96	<5	36.1	<10	74.6	0.75	314	<10
B00395538	0.87	<5	36.3	<10	77.4	0.73	304	<10
B00395539	1.15	<5	38.4	<10	60.4	0.72	326	<10
B00395540	0.58	<5	6.6	<10	252	0.18	58	<10
B00395541	0.65	<5	35.7	<10	71.3	0.68	298	<10
B00395542	0.71	<5	34.5	<10	88.5	0.69	293	<10
B00395543	0.53	<5	36.6	<10	77.6	0.68	318	<10
B00395544	0.67	<5	14.3	<10	11.3	0.31	94	<10
B00395545	0.24	<5	12.0	<10	32.3	0.29	76	<10
B00395546	0.59	<5	14.6	<10	21.8	0.32	102	<10
B00395547	0.70	<5	13.2	<10	28.5	0.32	94	<10
B00395548	0.29	<5	12.2	<10	22.9	0.34	82	<10
B00395549	0.44	<5	13.8	<10	24.2	0.32	93	<10
B00395550	0.37	<5	13.9	<10	23.4	0.33	86	<10
B00395551	0.12	<5	12.4	<10	26.2	0.30	70	<10
B00395552	0.04	<5	18.8	<10	261	0.19	170	<10
B00395553	0.07	<5	22.1	<10	253	0.69	201	<10
B00395554	0.97	<5	10.3	<10	38.7	0.13	83	<10
B00395555	0.06	<5	28.3	<10	242	0.34	193	<10
B00395556	0.23	<5	19.9	<10	227	0.07	173	<10
B00395557	0.32	<5	21.1	<10	225	0.05	188	<10
B00395558	0.02	<5	24.1	<10	175	0.03	151	<10
B00395559	0.36	<5	13.3	<10	290	0.69	118	<10
B00395560	<0.01	<5	5.3	<10	339	0.13	32	<10
B00395561	0.46	<5	13.5	<10	420	1.11	158	<10
B00395562	0.30	<5	14.0	<10	450	1.30	159	<10
B00395563	0.37	<5	30.1	<10	434	1.44	301	<10
B00395564	0.30	<5	30.7	<10	408	1.50	301	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395445	0.32	<5	12.4	<10	20.7	0.26	74	<10
*Rep B00395558	0.02	<5	23.8	<10	174	0.03	152	<10
*Std OREAS-602	2.08	81	4.1	<10	431	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.6	36	47.0	0.32	101	<10
*Std OREAS-602	2.08	81	4.1	<10	465	0.21	30	<10
*Std RTS-3A	>5.00	<5	14.3	37	42.2	0.29	100	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Std OREAS-903	0.54	<5	10.4	<10	77.5	0.12	74	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395425	10.8	99	138	<0.05
B00395426	7.8	68	113	<0.05
B00395427	10.3	105	190	<0.05
B00395428	11.1	118	199	<0.05
B00395429	9.7	721	159	0.09
B00395430	6.8	39	44.2	1.88
B00395431	LNR	LNR	LNR	LNR
B00395432	10.3	97	156	<0.05
B00395433	8.6	80	140	0.09
B00395434	9.2	88	147	<0.05
B00395435	9.7	85	151	0.07
B00395436	8.6	91	129	<0.05
B00395437	7.1	138	112	<0.05
B00395438	10.0	99	162	<0.05
B00395439	9.7	133	132	<0.05
B00395440	5.7	21	41.8	<0.05
B00395441	9.0	117	129	<0.05
B00395442	9.3	105	129	<0.05
B00395443	9.8	100	129	<0.05
B00395444	10.5	89	162	<0.05
B00395445	9.9	95	160	<0.05
B00395446	10.5	89	142	<0.05
B00395447	10.5	106	140	<0.05
B00395448	9.6	121	128	<0.05
B00395449	10.1	98	143	<0.05
B00395515	8.1	121	97.2	<0.05
B00395516	8.8	107	94.1	<0.05
B00395517	9.7	129	93.2	<0.05
B00395518	9.3	137	96.4	0.07
B00395519	9.0	218	90.7	<0.05
B00395520	9.3	198	92.8	0.07
B00395521	9.3	110	90.5	<0.05
B00395522	11.4	103	101	<0.05
B00395523	7.4	127	71.0	<0.05
B00395524	7.4	219	77.8	<0.05
*Dup B00395524	7.3	232	77.2	<0.05
B00395525	8.4	107	104	<0.05
B00395526	7.2	191	90.8	<0.05
B00395527	9.2	225	97.7	<0.05
B00395528	9.7	115	92.8	<0.05

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395529	10.1	97	94.8	<0.05
B00395530	6.0	21	42.0	<0.05
B00395531	11.2	124	106	<0.05
B00395532	10.1	103	103	<0.05
B00395533	10.8	93	111	<0.05
B00395534	10.5	103	105	<0.05
B00395535	10.9	107	98.8	<0.05
B00395536	10.7	108	97.0	<0.05
B00395537	10.6	113	100	<0.05
B00395538	10.9	103	95.7	<0.05
B00395539	10.3	109	100	<0.05
B00395540	6.7	39	46.6	1.95
B00395541	10.8	101	95.8	<0.05
B00395542	12.6	96	91.6	<0.05
B00395543	11.8	94	96.6	<0.05
B00395544	10.5	88	147	0.17
B00395545	11.1	75	163	0.06
B00395546	11.9	98	134	0.09
B00395547	13.1	94	152	0.10
B00395548	13.0	81	170	0.06
B00395549	13.5	95	135	0.17
B00395550	13.5	94	139	0.25
B00395551	14.0	78	167	<0.05
B00395552	8.7	74	62.1	<0.05
B00395553	10.9	67	78.6	<0.05
B00395554	9.1	69	138	0.10
B00395555	8.5	69	71.7	<0.05
B00395556	5.0	72	63.0	<0.05
B00395557	4.6	68	61.0	<0.05
B00395558	2.9	66	24.1	<0.05
B00395559	16.1	86	284	<0.05
B00395560	5.7	19	40.8	<0.05
B00395561	15.6	83	238	<0.05
B00395562	16.9	110	260	<0.05
B00395563	22.4	86	156	<0.05
B00395564	22.7	92	159	<0.05

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
*Rep B00395445	9.8	94	162	<0.05
*Rep B00395558	2.9	66	23.4	<0.05
*Std OREAS-602	5.7	4320	81.0	36.04
*Std RTS-3A	11.6	2771	65.4	1.95
*Std OREAS-602	5.8	4332	82.2	38.47
*Std RTS-3A	11.8	2613	69.9	N.A.
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Blk BLANK	<0.5	<1	<0.5	
*Std OREAS-903	22.5	26	150	
*Std RTS-3A				2.06

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Certificate of Analysis
Work Order : VD1900570
[Report File No.: 000022107]

Date: October 07, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 74
Received: Sep 3, 2019
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
74	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
74	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
74	GE_FAA515	@Au, FAS, AAS, 50g-5ml
74	GE_ICP40B	@ICP-OES after Multi-Acid Digest
74	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By :

Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395565	1.913	<0.005	<2	7.52	11	140	1.2	<5
B00395566	2.064	<0.005	<2	6.62	8	747	1.1	<5
B00395567	2.071	<0.005	<2	6.48	9	596	1.3	<5
B00395568	2.015	<0.005	<2	3.92	45	95	0.6	<5
B00395569	2.089	<0.005	<2	6.04	131	20	0.5	<5
B00395570	0.057	1.126	<2	6.19	7	69	0.6	10
B00395571	2.204	0.013	<2	5.58	94	254	1.2	<5
B00395572	2.034	0.012	<2	6.80	73	601	1.8	<5
B00395573	2.079	<0.005	<2	7.12	27	594	1.9	<5
B00395574	1.947	<0.005	<2	7.29	136	910	2.0	<5
B00395575	1.865	<0.005	<2	6.76	32	621	2.0	<5
B00395576	2.195	<0.005	<2	7.68	27	659	2.1	<5
B00395577	1.975	0.018	<2	7.43	22	651	2.1	<5
B00395578	1.997	<0.005	<2	6.52	26	520	1.8	<5
B00395579	2.149	0.007	<2	7.79	49	622	2.1	<5
B00395580	N.A.	0.007	<2	7.82	44	618	2.0	<5
B00395581	1.785	0.007	<2	8.05	55	703	2.2	<5
B00395582	1.985	<0.005	<2	7.37	30	608	2.0	<5
B00395583	2.026	<0.005	<2	7.06	27	692	1.7	<5
B00395584	2.124	<0.005	<2	6.56	30	618	1.7	<5
B00395585	2.035	0.015	<2	5.77	32	526	1.6	<5
B00395586	2.077	<0.005	<2	8.22	30	767	2.1	<5
B00395587	1.751	<0.005	<2	7.47	27	592	1.8	<5
B00395588	1.879	<0.005	INF	7.32	114	683	1.8	<5
B00395589	2.303	<0.005	<2	7.18	54	679	1.7	<5
B00395590	0.222	<0.005	<2	6.22	<3	363	0.9	<5
B00395591	1.918	0.012	<2	6.85	53	511	1.9	<5
B00395592	2.033	<0.005	<2	7.36	24	550	1.9	<5
B00395593	2.042	0.013	<2	7.38	133	569	1.7	<5
B00395594	2.069	0.091	<2	7.25	59	439	1.4	<5
B00395595	2.111	<0.005	<2	6.89	34	482	1.7	<5
B00395596	2.141	<0.005	<2	6.37	70	281	0.8	<5
B00395597	2.198	<0.005	<2	6.35	11	65	0.8	<5
B00395598	1.330	<0.005	<2	6.30	35	65	0.8	<5
B00395599	1.859	0.148	<2	5.86	19	102	0.9	<5
*Dup B00395599	N.A.	0.380	<2	5.70	19	86	0.9	<5
B00395600	0.058	0.383	<2	4.72	322	356	0.8	6
B00395601	0.905	<0.005	<2	6.96	15	670	2.0	<5
B00395602	1.843	<0.005	<2	6.71	3	618	1.8	<5
B00395603	1.929	<0.005	<2	7.23	6	596	1.9	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395604	2.066	<0.005	<2	7.09	25	241	0.9	<5
B00395605	2.144	<0.005	<2	7.34	25	247	0.8	<5
B00395606	2.201	<0.005	<2	7.96	17	627	1.9	<5
B00395607	1.882	<0.005	<2	7.24	10	511	1.6	<5
B00395608	2.118	<0.005	<2	7.60	20	489	1.4	<5
B00395609	1.774	<0.005	<2	6.24	5	465	1.5	<5
B00395610	N.A.	<0.005	<2	6.43	6	503	1.6	<5
B00395611	1.923	<0.005	<2	5.14	4	439	1.3	<5
B00395612	1.751	<0.005	<2	6.83	25	42	<0.5	<5
B00395613	2.092	<0.005	<2	6.28	33	17	<0.5	<5
B00395614	2.211	<0.005	<2	6.71	38	20	<0.5	<5
B00395615	1.986	<0.005	<2	7.14	54	268	0.8	<5
B00395616	1.951	<0.005	<2	8.42	7	742	2.1	<5
B00395617	2.010	<0.005	<2	7.90	24	604	1.8	<5
B00395618	2.070	0.020	<2	6.91	47	523	1.7	<5
B00395619	2.395	0.035	INF	4.49	71	163	0.7	<5
B00395620	0.210	<0.005	<2	6.39	<3	365	1.0	<5
B00395621	1.764	<0.005	<2	6.76	221	506	1.6	<5
B00395622	1.899	<0.005	<2	8.00	55	614	2.1	<5
B00395623	3.621	<0.005	<2	8.67	60	660	2.2	<5
B00395624	1.840	0.017	<2	7.97	16	652	1.9	<5
B00395625	2.000	<0.005	<2	7.11	17	647	1.8	<5
B00395626	1.916	<0.005	<2	7.24	14	749	2.1	<5
B00395627	2.072	<0.005	<2	7.24	10	685	1.7	<5
B00395628	2.022	0.075	<2	6.02	392	477	1.2	<5
B00395629	2.016	0.005	<2	8.02	12	945	2.1	<5
B00395630	0.059	2.497	4	3.70	17	198	0.7	<5
B00395631	2.027	<0.005	<2	9.03	18	887	2.2	<5
B00395632	1.875	<0.005	<2	8.55	21	858	2.2	<5
B00395633	1.799	0.096	<2	8.19	46	811	2.2	<5
B00395634	1.881	<0.005	<2	8.28	29	1037	2.5	<5
B00395635	1.968	<0.005	<2	7.68	78	665	2.1	<5
B00395636	2.220	<0.005	<2	6.74	154	263	1.1	<5
B00395637	2.043	<0.005	<2	5.41	4	210	0.6	<5
B00395638	1.735	<0.005	<2	4.89	<3	201	0.7	<5
*Rep B00395565		<0.005						
*Rep B00395615		<0.005						
*Std OREAS-521		0.402						
*Std OREAS-522		0.593						
*Std OREAS-217		0.345						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Blk BLANK	<0.005						
*Rep B00395584		<2	6.64	27	632	1.8	<5
*Rep B00395637		<2	5.40	<3	212	0.6	<5
*Std OREAS-602		>100	4.28	642	336	0.8	59
*Std RTS-3A		11	5.03	15	99	<0.5	30
*Std OREAS-602		>100	4.26	646	236	0.7	57
*Std RTS-3A		10	5.04	20	99	<0.5	29
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK	<0.005						
*Std OREAS-522	0.598						
*Std OREAS-903		<2	6.04	51	204	4.9	5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395565	5.78	<1	43	140	129	8.48	0.14	20.8
B00395566	4.91	<1	36	174	125	11.6	0.55	25.7
B00395567	6.45	<1	43	80	192	9.93	0.64	18.9
B00395568	6.99	<1	64	1020	129	8.21	0.10	8.5
B00395569	5.23	<1	53	570	96.9	7.70	0.04	4.8
B00395570	3.48	<1	2	29	4743	>15.0	2.58	8.7
B00395571	0.86	<1	23	125	155	11.8	0.83	24.1
B00395572	0.68	<1	12	43	42.2	5.31	2.31	36.4
B00395573	0.75	<1	12	49	25.7	4.68	2.79	38.1
B00395574	0.69	<1	12	57	28.7	4.86	3.40	37.7
B00395575	0.64	<1	12	46	23.7	4.78	2.78	37.1
B00395576	0.85	<1	12	49	23.5	4.76	3.13	41.8
B00395577	0.75	<1	11	48	22.3	4.40	3.21	40.1
B00395578	0.78	<1	9	30	22.8	3.87	2.56	37.9
B00395579	0.72	<1	14	63	39.8	5.73	3.12	40.6
B00395580	0.72	<1	14	67	42.6	5.79	3.14	41.2
B00395581	0.78	<1	14	68	37.1	5.36	3.38	43.2
B00395582	1.03	<1	10	49	26.8	4.35	3.03	39.4
B00395583	0.58	<1	10	51	20.7	3.98	3.30	38.7
B00395584	0.61	<1	9	42	19.9	3.91	2.84	35.3
B00395585	1.02	<1	11	53	39.8	4.30	2.47	29.1
B00395586	0.43	<1	11	67	19.7	5.01	3.78	44.1
B00395587	0.90	<1	13	88	25.3	5.38	3.03	37.6
B00395588	1.25	<1	79	91	132	8.92	2.14	36.4
B00395589	2.12	<1	20	230	35.5	5.32	2.71	34.4
B00395590	1.80	<1	5	35	5.9	1.85	1.26	7.8
B00395591	1.66	<1	33	135	75.7	6.56	2.38	33.7
B00395592	0.57	<1	10	65	19.2	4.56	2.82	40.8
B00395593	1.57	<1	15	61	27.5	5.25	3.11	34.6
B00395594	1.13	<1	15	114	24.3	5.00	2.69	31.0
B00395595	0.64	<1	11	38	21.6	3.77	2.73	41.0
B00395596	4.96	<1	35	442	60.0	5.25	2.20	12.9
B00395597	7.59	<1	43	114	142	9.33	0.17	11.0
B00395598	6.64	<1	46	152	133	9.20	0.16	10.0
B00395599	1.40	<1	21	178	123	11.4	0.32	30.5
*Dup B00395599	1.62	<1	23	205	137	12.1	0.22	29.8
B00395600	3.84	<1	347	29	6145	>15.0	3.18	119
B00395601	0.87	<1	13	60	37.2	5.03	2.45	40.1
B00395602	0.92	<1	9	34	24.2	3.88	2.60	41.0
B00395603	1.41	<1	13	65	36.0	4.33	2.57	36.3

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B00395604	3.67	<1	29	285	71.3	5.64	1.04	21.9
B00395605	5.40	<1	30	102	82.7	6.93	1.27	14.8
B00395606	1.57	<1	17	107	38.6	5.39	3.45	39.1
B00395607	1.51	<1	15	49	41.2	5.66	2.94	36.4
B00395608	2.61	<1	20	161	47.0	4.91	2.83	29.1
B00395609	0.51	<1	8	51	13.1	3.00	2.23	29.3
B00395610	0.64	<1	9	48	16.4	3.17	2.38	32.5
B00395611	0.67	<1	9	53	15.0	2.91	1.90	26.1
B00395612	6.92	<1	43	406	78.3	6.56	0.21	4.6
B00395613	6.10	<1	41	486	63.9	5.81	0.08	6.6
B00395614	7.64	<1	41	316	95.1	6.44	0.10	1.6
B00395615	4.92	<1	36	273	91.2	6.46	1.22	14.9
B00395616	0.98	<1	10	63	22.3	4.49	3.69	42.7
B00395617	1.66	<1	15	68	18.6	5.37	3.18	39.6
B00395618	1.09	<1	13	65	39.8	8.61	2.49	34.3
B00395619	3.34	<1	28	89	149	>15.0	0.52	22.3
B00395620	1.84	<1	5	33	7.0	1.92	1.29	7.9
B00395621	5.64	<1	39	378	72.2	8.63	1.99	21.0
B00395622	1.03	<1	16	120	23.6	5.10	2.89	41.8
B00395623	1.05	<1	12	66	23.8	4.76	3.67	42.3
B00395624	0.92	<1	12	78	23.5	5.33	3.17	41.8
B00395625	0.68	<1	14	50	54.5	5.04	2.83	38.5
B00395626	0.51	<1	12	47	29.6	4.58	2.77	36.7
B00395627	0.49	<1	11	47	30.4	4.38	2.38	31.3
B00395628	4.12	<1	35	389	49.9	6.17	1.23	24.6
B00395629	0.72	<1	10	63	21.1	4.71	3.17	40.9
B00395630	10.5	<1	7	13	75.6	1.93	1.60	8.3
B00395631	0.66	<1	12	55	29.2	4.99	3.54	44.4
B00395632	0.74	<1	16	65	39.2	5.37	3.06	42.4
B00395633	0.59	<1	17	80	81.3	7.64	2.61	37.0
B00395634	0.52	<1	13	62	16.4	4.87	3.56	41.9
B00395635	0.78	<1	10	54	18.7	4.41	2.58	43.0
B00395636	3.05	<1	44	649	65.7	6.98	0.88	24.8
B00395637	6.32	<1	51	599	111	8.25	1.63	7.4
B00395638	6.89	<1	65	724	111	8.07	0.95	7.5

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*Rep B00395584	0.62	<1	9	48	19.9	3.96	2.89	35.9
*Rep B00395637	6.43	<1	51	616	111	8.26	1.61	7.9
*Std OREAS-602	0.64	26	10	31	5165	2.23	0.68	15.8
*Std RTS-3A	2.08	9	122	144	2392	>15.0	0.47	9.7
*Std OREAS-602	0.64	26	10	31	5147	2.19	0.68	14.9
*Std RTS-3A	2.09	9	123	138	2385	>15.0	0.46	9.7
*Bik BLANK	<0.01	<1	<1	<1	0.6	<0.01	<0.01	<0.5
*Std OREAS-903	0.60	<1	122	83	6110	3.89	3.35	39.1

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395565	7	3.09	2364	1	3.46	92	0.14	3
B00395566	7	3.10	3457	<1	2.90	94	0.13	4
B00395567	7	2.94	1798	2	2.81	75	0.11	2
B00395568	10	9.56	1405	<1	0.37	677	0.06	3
B00395569	17	7.39	1494	<1	1.42	351	0.03	3
B00395570	114	0.73	2896	189	0.66	4	0.44	4
B00395571	18	2.59	1543	4	1.09	76	0.07	22
B00395572	12	0.95	923	1	1.38	24	0.04	23
B00395573	13	1.09	956	<1	1.15	27	0.04	29
B00395574	12	1.01	1192	2	1.11	27	0.04	41
B00395575	12	0.95	1164	1	1.02	24	0.04	30
B00395576	13	1.05	1155	<1	1.18	24	0.04	31
B00395577	12	0.87	820	<1	0.98	21	0.03	29
B00395578	10	0.73	918	<1	1.18	17	0.03	24
B00395579	14	1.21	1127	<1	1.04	31	0.05	26
B00395580	14	1.23	1118	<1	1.04	31	0.05	24
B00395581	14	1.19	1036	<1	1.03	31	0.05	28
B00395582	12	1.11	906	<1	1.35	25	0.05	30
B00395583	11	1.02	595	1	1.18	24	0.05	28
B00395584	11	0.92	736	<1	1.04	22	0.04	24
B00395585	9	0.78	1517	4	0.95	27	0.04	27
B00395586	14	1.20	726	<1	1.13	28	0.05	29
B00395587	14	1.50	811	<1	1.05	42	0.05	21
B00395588	12	1.39	>10000	2	1.35	46	0.05	60
B00395589	16	2.91	1047	<1	1.07	105	0.06	23
B00395590	8	0.56	285	<1	2.66	19	0.02	9
B00395591	14	2.07	2494	1	0.79	63	0.06	20
B00395592	12	1.11	712	2	1.31	24	0.05	21
B00395593	11	1.35	1255	1	1.26	29	0.06	17
B00395594	13	1.75	720	<1	1.13	57	0.06	19
B00395595	9	0.83	863	2	1.28	17	0.03	33
B00395596	19	5.05	927	<1	0.35	209	0.02	8
B00395597	11	4.46	1865	<1	1.52	79	0.07	9
B00395598	10	3.86	2110	<1	1.73	106	0.06	5
B00395599	9	2.20	2139	2	1.51	68	0.06	15
*Dup B00395599	8	2.42	2266	3	1.35	77	0.06	16
B00395600	17	1.13	2935	128	0.95	55	0.07	6
B00395601	12	1.18	1197	1	1.17	35	0.04	37
B00395602	10	0.82	963	<1	1.14	18	0.03	27
B00395603	10	1.02	869	<1	1.41	28	0.04	35

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395604	22	3.94	940	<1	1.78	146	0.03	15
B00395605	20	3.29	1682	<1	1.63	72	0.04	10
B00395606	15	1.77	1198	1	0.24	63	0.04	25
B00395607	13	1.55	1121	1	0.29	27	0.05	16
B00395608	16	2.71	890	<1	0.71	81	0.04	13
B00395609	7	0.75	419	1	1.43	19	0.04	21
B00395610	8	0.82	466	1	1.30	20	0.04	21
B00395611	7	0.94	389	1	0.83	25	0.03	12
B00395612	31	6.51	1342	<1	1.06	239	0.02	8
B00395613	26	6.04	1313	<1	1.52	243	0.02	6
B00395614	26	5.60	1503	<1	1.74	165	0.02	9
B00395615	19	3.92	1780	<1	1.71	113	0.03	11
B00395616	13	1.15	675	1	0.81	30	0.04	27
B00395617	14	1.21	1253	1	0.80	34	0.05	24
B00395618	13	1.36	2421	2	0.72	31	0.06	22
B00395619	12	1.90	>10000	6	0.06	43	0.12	20
B00395620	8	0.56	293	<1	2.71	19	0.02	9
B00395621	21	4.09	3870	2	0.47	200	0.06	17
B00395622	16	1.78	868	<1	1.29	69	0.05	24
B00395623	13	1.11	693	<1	1.03	27	0.05	29
B00395624	15	1.45	949	<1	1.07	35	0.05	18
B00395625	13	1.34	1035	1	0.89	27	0.04	27
B00395626	14	1.29	879	2	1.05	24	0.04	25
B00395627	13	1.36	700	<1	1.58	27	0.04	17
B00395628	14	4.76	1190	<1	1.21	337	0.04	21
B00395629	15	1.18	654	1	1.02	30	0.04	25
B00395630	41	0.61	567	3	0.57	9	0.04	12
B00395631	16	1.19	736	1	1.31	30	0.05	29
B00395632	14	1.16	1343	2	1.51	33	0.04	28
B00395633	14	1.38	2655	2	1.35	39	0.05	20
B00395634	18	1.30	791	<1	1.04	35	0.05	15
B00395635	20	1.13	661	1	1.64	25	0.04	17
B00395636	18	5.97	952	<1	1.95	394	0.05	13
B00395637	7	7.06	1376	<1	1.71	324	0.06	3
B00395638	9	8.93	1196	<1	1.40	573	0.04	3

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
*Rep B00395584	11	0.93	752	<1	1.06	22	0.04	23
*Rep B00395637	8	7.03	1370	<1	1.70	322	0.06	3
*Std OREAS-602	20	0.21	221	5	0.43	64	0.05	1065
*Std RTS-3A	14	2.46	1371	3	0.66	48	0.04	191
*Std OREAS-602	19	0.21	215	5	0.43	63	0.05	1048
*Std RTS-3A	14	2.42	1372	3	0.66	48	0.04	198
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Std OREAS-903	18	0.71	692	5	0.03	51	0.12	13

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395565	0.12	<5	33.0	<10	252	1.57	315	<10
B00395566	0.27	<5	24.1	<10	245	1.35	247	<10
B00395567	0.38	<5	24.8	<10	372	1.46	351	<10
B00395568	0.08	12	22.0	<10	255	0.49	213	<10
B00395569	0.03	<5	33.4	<10	111	0.22	205	<10
B00395570	0.66	<5	6.5	77	109	0.12	44	1698
B00395571	4.33	6	18.8	<10	30.8	0.27	190	<10
B00395572	0.51	<5	11.6	<10	31.1	0.29	80	<10
B00395573	0.18	<5	12.0	<10	31.4	0.30	81	<10
B00395574	0.17	<5	12.6	<10	32.0	0.29	82	<10
B00395575	0.28	<5	11.2	<10	36.7	0.31	75	<10
B00395576	0.14	<5	13.1	<10	45.6	0.35	87	<10
B00395577	0.27	<5	13.0	<10	41.0	0.34	85	<10
B00395578	0.20	<5	10.3	<10	38.4	0.29	70	<10
B00395579	0.58	<5	14.0	<10	41.2	0.36	97	<10
B00395580	0.55	<5	14.3	<10	41.6	0.37	101	<10
B00395581	0.29	<5	14.8	<10	43.6	0.35	96	<10
B00395582	0.07	<5	12.2	<10	57.5	0.31	72	<10
B00395583	0.06	<5	11.4	<10	41.1	0.31	66	<10
B00395584	0.22	<5	10.4	<10	38.1	0.28	70	<10
B00395585	0.70	<5	9.0	<10	40.4	0.22	67	<10
B00395586	0.43	<5	15.2	<10	32.2	0.38	102	<10
B00395587	0.16	<5	15.2	<10	44.8	0.37	105	<10
B00395588	0.13	<5	20.0	<10	47.1	0.39	94	<10
B00395589	0.11	<5	16.0	<10	106	0.25	108	<10
B00395590	<0.01	<5	5.6	<10	364	0.14	37	<10
B00395591	0.29	<5	16.2	<10	69.2	0.32	100	<10
B00395592	0.12	<5	13.0	<10	38.7	0.34	88	<10
B00395593	0.37	<5	14.4	<10	71.1	0.16	92	<10
B00395594	0.10	<5	13.7	<10	58.7	0.17	92	<10
B00395595	0.20	<5	11.5	<10	37.7	0.24	76	<10
B00395596	0.05	<5	25.3	<10	74.4	0.10	125	<10
B00395597	0.50	<5	34.9	<10	211	0.74	311	<10
B00395598	0.40	<5	34.5	<10	170	0.76	304	<10
B00395599	1.92	<5	18.3	<10	55.2	0.52	183	<10
*Dup B00395599	2.14	<5	19.6	<10	60.0	0.56	196	<10
B00395600	1.73	<5	12.5	<10	144	0.33	182	81
B00395601	0.35	<5	11.9	<10	30.9	0.30	85	<10
B00395602	0.31	<5	10.5	<10	33.5	0.31	74	<10
B00395603	0.30	<5	11.6	<10	42.4	0.29	78	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395604	0.35	<5	22.7	<10	77.7	0.14	128	<10
B00395605	0.22	<5	28.6	<10	93.6	0.20	168	<10
B00395606	0.43	<5	15.8	<10	31.3	0.28	108	<10
B00395607	0.49	<5	13.7	<10	33.6	0.30	93	<10
B00395608	0.10	<5	19.8	<10	53.7	0.19	114	<10
B00395609	0.10	<5	8.5	<10	29.2	0.25	51	<10
B00395610	0.11	<5	9.3	<10	31.4	0.26	58	<10
B00395611	0.14	<5	9.9	<10	24.1	0.19	60	<10
B00395612	0.03	<5	33.7	<10	108	0.04	154	<10
B00395613	0.05	<5	28.7	<10	92.0	0.04	149	<10
B00395614	0.02	<5	35.5	<10	110	0.07	187	<10
B00395615	0.14	<5	28.9	<10	84.5	0.17	161	<10
B00395616	0.24	<5	13.7	<10	31.1	0.31	91	<10
B00395617	0.06	<5	16.0	<10	47.4	0.45	126	<10
B00395618	1.66	<5	13.1	<10	37.1	0.34	100	<10
B00395619	2.29	<5	13.7	<10	83.7	0.43	114	<10
B00395620	<0.01	<5	5.6	<10	371	0.15	36	<10
B00395621	0.22	<5	25.2	<10	144	0.24	190	<10
B00395622	0.09	<5	14.8	<10	39.4	0.25	97	<10
B00395623	0.14	<5	14.7	<10	45.3	0.18	86	<10
B00395624	0.25	<5	15.7	<10	36.0	0.33	108	<10
B00395625	0.30	<5	12.0	<10	28.9	0.26	86	<10
B00395626	0.30	<5	12.2	<10	29.2	0.24	85	<10
B00395627	0.29	<5	12.9	<10	29.2	0.17	95	<10
B00395628	0.12	<5	16.6	<10	192	0.22	116	<10
B00395629	0.21	<5	13.3	<10	35.0	0.35	91	<10
B00395630	0.58	<5	6.7	<10	245	0.18	60	<10
B00395631	0.35	<5	15.0	<10	36.3	0.36	104	<10
B00395632	0.32	<5	14.5	<10	36.9	0.34	94	<10
B00395633	0.95	<5	16.0	<10	32.2	0.34	105	<10
B00395634	0.07	<5	14.2	<10	29.2	0.36	90	<10
B00395635	0.20	<5	12.1	<10	41.5	0.32	72	<10
B00395636	0.06	<5	19.9	<10	119	0.43	161	<10
B00395637	0.12	<5	33.2	<10	279	0.77	249	<10
B00395638	0.21	<5	27.3	<10	305	0.60	223	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395584	0.21	<5	10.7	<10	38.4	0.29	69	<10
*Rep B00395637	0.12	<5	33.0	<10	278	0.76	247	<10
*Std OREAS-602	2.09	81	4.1	<10	452	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.5	35	45.1	0.31	100	<10
*Std OREAS-602	2.03	80	4.0	<10	426	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.7	35	44.1	0.31	102	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Std OREAS-903	0.54	<5	10.4	<10	76.2	0.14	74	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395565	23.3	92	177	0.09
B00395566	23.6	103	193	<0.05
B00395567	23.1	97	164	<0.05
B00395568	9.3	77	77.0	<0.05
B00395569	7.6	75	52.6	<0.05
B00395570	7.3	303	33.2	0.35
B00395571	12.1	110	126	0.23
B00395572	10.7	82	135	0.09
B00395573	10.3	82	148	0.06
B00395574	9.8	82	118	0.10
B00395575	10.4	76	142	0.06
B00395576	11.1	85	148	0.29
B00395577	10.4	79	145	<0.05
B00395578	9.5	63	160	<0.05
B00395579	11.2	98	133	0.09
B00395580	12.0	104	137	0.09
B00395581	11.3	94	136	0.10
B00395582	11.2	72	151	0.12
B00395583	10.5	75	150	0.13
B00395584	9.4	69	163	0.06
B00395585	8.5	80	164	<0.05
B00395586	14.5	92	167	<0.05
B00395587	12.1	82	154	<0.05
B00395588	12.9	159	124	0.51
B00395589	10.3	75	128	0.06
B00395590	5.8	20	43.9	<0.05
B00395591	11.4	89	140	0.12
B00395592	10.3	79	171	<0.05
B00395593	10.2	77	133	0.05
B00395594	8.5	80	114	<0.05
B00395595	9.6	68	192	<0.05
B00395596	6.7	57	68.6	<0.05
B00395597	11.6	92	87.4	<0.05
B00395598	11.9	95	85.8	<0.05
B00395599	21.5	141	168	0.19
*Dup B00395599	21.0	140	162	0.21
B00395600	17.3	20	114	0.63
B00395601	11.6	86	149	0.09
B00395602	11.0	72	153	0.08
B00395603	11.7	77	143	0.10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm
B00395604	8.1	65	86.9	0.07
B00395605	8.8	76	75.6	<0.05
B00395606	10.3	84	127	0.07
B00395607	12.5	76	153	0.05
B00395608	10.4	71	111	<0.05
B00395609	9.7	55	139	<0.05
B00395610	10.1	62	150	<0.05
B00395611	8.0	54	93.9	<0.05
B00395612	6.2	65	27.9	<0.05
B00395613	5.4	62	42.5	<0.05
B00395614	6.0	65	27.7	<0.05
B00395615	8.1	75	69.2	<0.05
B00395616	13.2	91	160	<0.05
B00395617	12.1	90	147	0.08
B00395618	12.4	91	149	0.14
B00395619	13.3	96	102	0.30
B00395620	6.0	22	41.3	<0.05
B00395621	10.8	106	93.0	<0.05
B00395622	10.9	82	175	0.07
B00395623	11.1	98	135	0.08
B00395624	11.5	94	161	0.06
B00395625	9.6	81	137	0.07
B00395626	9.7	81	138	0.05
B00395627	8.8	76	108	<0.05
B00395628	9.1	80	110	0.07
B00395629	11.9	91	167	<0.05
B00395630	6.7	38	47.8	1.96
B00395631	11.8	99	142	0.08
B00395632	11.4	101	150	<0.05
B00395633	11.3	95	138	0.12
B00395634	11.0	91	157	<0.05
B00395635	10.4	89	160	<0.05
B00395636	9.2	90	115	<0.05
B00395637	13.9	75	70.3	<0.05
B00395638	10.0	75	75.4	<0.05

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm
*Rep B00395584	10.0	70	173	0.06
*Rep B00395637	13.7	78	68.8	<0.05
*Std OREAS-602	5.7	4284	81.6	37.75
*Std RTS-3A	12.0	2776	68.1	N.A.
*Std OREAS-602	5.7	4301	81.8	37.13
*Std RTS-3A	11.6	2773	68.2	1.93
*Blk BLANK	<0.5	1	<0.5	<0.05
*Std OREAS-903	22.6	25	142	
*Std OREAS-903				<0.05

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Certificate of Analysis
Work Order : VD1900571
[Report File No.: 000022144]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 76
Received: Sep 3, 2019
Pages: Page 1 to 16
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
76	SHIP	Shipping
73	G_WGH79	Weighing of samples and reporting of weights
76	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
76	GE_FAA515	@Au, FAS, AAS, 50g-5ml
76	GE_ICP40B	@ICP-OES after Multi-Acid Digest
76	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395639	1.960	0.011	<2	4.89	166	34	0.6	<5
B00395640	N.A.	0.007	<2	4.85	172	32	0.6	<5
B00395641	1.673	0.010	<2	5.94	56	174	0.6	<5
B00395642	2.381	0.108	<2	5.65	165	210	0.9	<5
B00395643	2.114	0.006	<2	6.53	17	113	0.7	<5
B00395644	2.053	0.009	<2	6.14	8	147	0.8	<5
B00395645	1.909	<0.005	<2	6.29	<3	69	0.7	<5
B00395646	2.001	0.010	<2	5.68	<3	75	0.5	<5
B00395647	2.083	0.015	<2	6.13	11	168	0.6	<5
B00395648	2.345	0.017	<2	6.57	28	90	<0.5	<5
B00395649	1.976	0.007	<2	6.44	17	40	<0.5	<5
B00395650	0.218	<0.005	<2	5.64	<3	351	1.0	<5
B00395651	2.140	0.007	<2	7.08	26	56	0.5	<5
B00395652	2.377	0.006	<2	6.88	14	30	0.5	<5
B00395653	1.886	0.010	<2	6.12	21	127	0.7	<5
B00395654	2.059	0.011	<2	6.03	27	336	1.0	<5
B00395655	2.008	<0.005	<2	6.13	19	215	0.7	<5
B00395656	2.078	0.006	<2	4.47	155	153	0.6	<5
B00395657	1.839	<0.005	<2	6.08	20	131	0.6	<5
B00395658	2.030	0.009	<2	5.95	43	148	0.8	<5
B00395659	2.017	0.022	<2	5.35	20	109	0.6	<5
B00395660	0.065	1.102	<2	5.67	11	65	0.6	7
B00395661	2.040	0.006	<2	5.67	25	113	0.8	<5
B00395662	1.802	0.016	<2	6.32	26	29	<0.5	<5
B00395663	1.977	0.012	<2	6.31	21	23	<0.5	<5
B00395664	1.706	0.015	<2	5.90	53	84	<0.5	<5
B00395665	2.003	0.014	<2	5.69	64	63	<0.5	<5
B00395666	1.874	0.012	<2	5.34	56	190	0.6	<5
B00395667	1.816	0.027	<2	6.20	68	159	0.5	<5
B00395668	1.860	0.044	<2	5.67	55	198	0.6	<5
B00395669	1.993	0.026	<2	5.78	44	39	<0.5	<5
B00395670	N.A.	0.026	<2	6.19	47	40	<0.5	<5
B00395671	2.073	0.018	<2	6.71	49	265	0.7	<5
B00395672	2.082	0.009	<2	7.11	9	27	<0.5	<5
B00395673	2.180	0.016	<2	5.89	26	74	<0.5	<5
*Dup B00395673	N.A.	0.016	<2	6.02	27	71	<0.5	<5
B00395674	2.169	0.014	<2	4.54	17	146	<0.5	<5
B00395675	2.001	0.013	<2	6.47	16	113	0.5	<5
B00395676	2.094	0.006	<2	6.83	3	42	0.6	<5
B00395677	2.436	<0.005	<2	6.26	45	59	<0.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395678	1.824	0.153	<2	6.56	62	211	0.9	<5
B00395679	1.296	0.038	<2	1.06	53	48	<0.5	<5
B00395680	0.066	0.384	<2	4.78	336	157	0.8	5
B00395681	1.158	0.344	<2	6.22	941	192	1.2	<5
B00395682	1.374	0.527	<2	2.25	586	85	0.5	<5
B00395683	1.367	0.097	<2	7.30	177	327	1.5	<5
B00395684	0.649	0.517	<2	1.48	295	53	<0.5	<5
B00395685	1.426	0.094	<2	0.16	69	5	<0.5	<5
B00395686	2.716	0.023	<2	0.25	136	6	<0.5	<5
B00395687	0.792	0.019	<2	0.24	46	5	<0.5	<5
B00395688	2.467	1.377	<2	2.07	245	23	<0.5	<5
B00395689	3.392	0.343	<2	2.00	160	36	0.5	<5
B00395690	0.234	<0.005	<2	6.52	<3	367	0.9	<5
B00395691	1.141	0.211	<2	6.25	21	125	1.0	<5
B00395692	0.833	0.100	<2	6.30	26	113	1.0	<5
B00395693	1.683	<0.005	<2	6.83	41	43	<0.5	<5
B00395694	1.810	0.043	<2	6.44	20	147	1.1	<5
B00395695	1.918	0.026	<2	5.83	31	202	1.1	<5
B00395696	2.079	0.052	<2	6.35	14	159	0.6	<5
B00395697	2.259	0.017	<2	5.56	36	146	0.7	<5
B00395698	2.047	<0.005	<2	5.55	124	191	0.7	<5
B00395699	2.049	0.218	<2	6.06	65	212	1.0	<5
B00395700	N.A.	0.288	<2	6.17	71	228	1.0	<5
B00395701	3.153	0.040	<2	7.00	43	372	1.4	<5
B00395702	1.933	0.666	<2	5.95	152	318	1.8	<5
B00395703	1.268	1.207	<2	7.05	3241	361	2.2	<5
B00395704	1.150	0.216	<2	3.55	748	95	1.0	<5
B00395705	1.416	0.346	<2	4.04	870	64	1.8	<5
B00395706	1.821	0.051	<2	6.74	154	567	2.9	<5
B00395707	0.867	<0.005	<2	1.16	10	68	<0.5	<5
B00395708	1.938	0.008	<2	7.99	63	495	2.6	<5
B00395709	1.456	0.086	<2	5.43	140	209	1.0	<5
B00395710	0.130	1.140	43	4.32	105	34	0.6	21
B00395711	1.756	0.019	<2	8.87	18	675	2.1	<5
B00395712	2.207	0.016	<2	8.05	17	628	1.9	<5
B00395713	1.690	0.010	<2	8.73	22	689	2.1	<5
B00395714	2.125	<0.005	<2	9.08	20	718	2.0	<5
*Rep B00395673		0.015						
*Rep B00395677		<0.005						
*Std OREAS-217		0.338						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-221	1.087						
*Std OREAS-235	1.603						
*Blk BLANK	<0.005						
*Rep B00395644		<2	6.14	10	149	0.9	<5
*Rep B00395684		<2	1.48	287	55	<0.5	<5
*Std OREAS-602		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A		10	4.95	19	99	<0.5	32
*Std OREAS-602		>100	4.46	625	129	0.7	53
*Std RTS-3A		11	5.35	18	101	<0.5	31
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Std OREAS-903		<2	6.08	52	209	4.9	<5

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395639	6.55	<1	45	415	95.8	8.11	0.11	10.7
B00395640	6.35	<1	43	378	94.6	8.05	0.10	9.5
B00395641	6.45	<1	34	135	92.3	7.78	0.58	3.7
B00395642	4.36	<1	32	312	77.4	9.30	1.17	14.2
B00395643	3.37	<1	25	26	96.9	9.64	0.41	23.3
B00395644	4.50	<1	25	26	114	8.94	0.44	22.4
B00395645	5.21	<1	26	31	92.5	9.01	0.21	21.7
B00395646	8.27	<1	36	38	142	8.70	0.21	8.1
B00395647	7.10	<1	32	68	89.5	9.34	0.45	13.3
B00395648	5.63	<1	39	80	141	9.57	0.26	7.7
B00395649	6.67	<1	43	78	145	9.18	0.12	7.7
B00395650	1.69	<1	5	25	5.6	1.56	1.16	7.9
B00395651	7.35	<1	41	81	152	9.44	0.14	8.3
B00395652	7.01	<1	39	79	140	9.16	0.09	7.8
B00395653	4.89	<1	31	110	79.6	8.88	0.40	17.1
B00395654	4.44	<1	28	74	65.4	8.79	0.99	18.5
B00395655	2.53	<1	31	95	77.8	9.78	0.84	16.6
B00395656	6.81	<1	38	575	90.0	7.88	0.94	9.9
B00395657	6.04	<1	30	108	81.5	9.20	0.87	17.1
B00395658	5.39	<1	32	162	65.8	9.47	1.03	17.6
B00395659	6.24	<1	28	118	71.1	9.13	0.60	15.5
B00395660	3.08	<1	6	29	4580	>15.0	2.31	7.5
B00395661	5.83	<1	28	123	72.0	9.23	0.54	14.3
B00395662	6.31	<1	39	96	127	8.50	0.14	7.1
B00395663	6.97	<1	39	62	125	8.68	0.13	7.1
B00395664	8.91	<1	39	57	130	8.07	0.37	7.6
B00395665	7.96	<1	37	132	134	8.24	0.30	5.9
B00395666	9.05	<1	25	130	102	6.76	1.17	8.2
B00395667	8.10	<1	31	166	145	8.18	1.22	8.4
B00395668	6.47	<1	34	51	100	8.92	1.25	9.2
B00395669	7.51	<1	38	35	144	9.24	0.17	7.6
B00395670	7.12	<1	39	37	156	9.57	0.18	7.9
B00395671	7.06	<1	38	184	104	7.41	1.45	5.5
B00395672	6.69	<1	36	44	140	9.02	0.07	8.3
B00395673	6.02	<1	38	120	125	9.19	0.25	9.2
*Dup B00395673	6.15	<1	38	116	135	9.54	0.23	9.6
B00395674	9.79	<1	25	46	80.7	8.85	0.52	9.5
B00395675	7.14	<1	37	87	148	9.68	0.31	9.3
B00395676	6.02	<1	39	70	151	9.70	0.18	10.7
B00395677	7.24	<1	39	60	129	9.70	0.34	10.3

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395678	4.62	<1	39	65	138	10.2	1.87	9.7
B00395679	6.89	<1	3	14	67.9	5.51	0.50	2.3
B00395680	3.78	<1	316	32	6438	>15.0	3.21	114
B00395681	4.45	<1	34	47	73.4	9.08	2.21	23.2
B00395682	1.21	<1	14	37	216	3.83	0.87	8.0
B00395683	3.68	<1	47	37	85.1	8.39	3.14	25.8
B00395684	3.17	<1	16	65	307	14.3	0.42	12.7
B00395685	1.68	<1	5	32	55.4	3.46	0.05	1.7
B00395686	1.00	<1	9	37	76.3	6.84	0.05	3.0
B00395687	1.95	<1	10	65	65.5	4.19	0.04	1.3
B00395688	2.89	<1	14	310	173	>15.0	0.21	11.5
B00395689	3.32	<1	10	119	115	13.7	0.51	9.5
B00395690	1.72	<1	4	33	6.3	2.09	1.31	7.8
B00395691	4.27	<1	29	40	128	10.6	1.84	9.8
B00395692	2.59	<1	33	35	132	10.6	1.57	9.1
B00395693	2.02	<1	41	43	133	12.1	0.41	13.0
B00395694	3.26	<1	36	341	117	11.9	1.84	11.6
B00395695	4.48	<1	50	736	286	9.63	1.78	10.4
B00395696	4.33	<1	36	447	123	11.4	1.20	9.9
B00395697	5.29	<1	42	500	109	10.9	1.01	11.3
B00395698	6.76	<1	50	774	117	8.82	1.67	8.8
B00395699	5.56	<1	36	352	135	10.2	2.57	11.5
B00395700	5.84	<1	42	303	143	10.4	2.74	12.0
B00395701	3.51	<1	40	301	105	11.0	2.81	16.8
B00395702	0.30	2	13	38	154	7.86	2.03	49.9
B00395703	1.05	<1	27	176	128	9.26	2.40	39.2
B00395704	0.30	<1	22	134	154	12.1	0.95	12.3
B00395705	0.33	26	19	88	238	10.3	1.85	27.6
B00395706	0.77	<1	13	18	44.2	4.01	3.32	66.5
B00395707	1.09	<1	4	21	59.7	2.93	0.39	10.8
B00395708	0.79	<1	22	177	65.1	8.21	3.18	45.5
B00395709	3.86	<1	34	218	102	10.5	1.52	14.9
B00395710	1.41	125	220	15	>10000	>15.0	0.95	10.4
B00395711	0.53	<1	11	69	28.1	5.42	4.28	42.4
B00395712	0.91	<1	9	56	20.5	5.46	3.77	39.9
B00395713	0.55	<1	13	74	27.9	6.57	3.89	43.4
B00395714	0.83	<1	11	72	32.9	5.73	4.03	38.4

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395644	4.50	<1	26	24	111	8.96	0.44	22.8
*Rep B00395684	3.17	<1	16	63	308	14.5	0.42	12.8
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	2.00	9	110	146	2389	>15.0	0.45	9.1
*Std OREAS-602	0.62	25	8	27	5288	2.35	0.70	14.8
*Std RTS-3A	2.04	9	113	147	2469	>15.0	0.48	8.4
*Bik BLANK	<0.01	<1	<1	<1	<0.5	0.01	<0.01	<0.5
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5
*Std OREAS-903	0.61	<1	123	76	6878	4.26	3.43	40.1

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395639	20	5.37	1344	<1	1.18	271	0.05	3
B00395640	19	5.24	1304	<1	1.29	269	0.05	3
B00395641	24	3.84	1598	<1	1.95	85	0.04	4
B00395642	24	3.95	2703	1	0.48	187	0.08	6
B00395643	23	3.74	1346	1	2.05	43	0.15	4
B00395644	12	2.77	1353	<1	2.52	37	0.16	3
B00395645	10	2.65	1374	1	2.67	43	0.15	3
B00395646	10	2.57	1352	<1	1.78	51	0.06	<2
B00395647	12	3.22	1461	<1	1.57	51	0.10	<2
B00395648	11	3.08	1356	<1	2.02	83	0.06	5
B00395649	12	3.25	1453	<1	1.82	88	0.08	3
B00395650	7	0.50	245	<1	2.46	18	0.02	8
B00395651	9	3.66	1421	1	1.74	94	0.06	3
B00395652	8	3.37	1316	<1	2.05	90	0.06	3
B00395653	12	4.41	1435	<1	1.74	64	0.13	4
B00395654	16	3.50	1630	<1	1.27	51	0.14	4
B00395655	14	3.24	1046	<1	1.03	56	0.14	2
B00395656	14	4.04	1445	<1	0.34	328	0.06	4
B00395657	14	3.13	1185	<1	1.24	69	0.13	4
B00395658	17	4.30	1554	<1	0.90	89	0.11	5
B00395659	13	3.48	1390	2	1.00	74	0.11	3
B00395660	111	0.62	2698	176	0.60	4	0.40	<2
B00395661	14	3.66	1401	<1	0.84	71	0.08	4
B00395662	11	3.88	1265	<1	1.68	91	0.05	4
B00395663	15	3.08	1336	<1	1.97	86	0.05	3
B00395664	17	3.36	1999	<1	1.29	80	0.05	5
B00395665	17	3.54	1562	<1	1.22	97	0.04	6
B00395666	15	3.44	2206	<1	0.68	79	0.05	4
B00395667	19	3.09	1671	<1	0.82	87	0.06	7
B00395668	19	2.77	1630	<1	0.23	52	0.07	8
B00395669	17	2.73	1473	<1	1.50	53	0.06	6
B00395670	19	2.73	1557	<1	1.66	55	0.06	8
B00395671	20	3.21	1571	<1	0.77	121	0.05	6
B00395672	17	2.90	1505	<1	2.52	47	0.06	2
B00395673	18	3.17	1692	<1	1.37	73	0.07	7
*Dup B00395673	18	3.19	1703	<1	1.41	68	0.07	7
B00395674	16	3.52	3219	<1	0.47	35	0.05	5
B00395675	22	3.47	1855	<1	1.21	68	0.07	5
B00395676	9	3.28	1496	<1	2.13	54	0.09	3
B00395677	22	3.31	1579	<1	1.29	50	0.07	5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395678	26	3.45	1389	<1	0.07	53	0.07	9
B00395679	3	2.70	1530	9	0.05	8	0.01	3
B00395680	18	1.07	3060	129	0.96	60	0.08	9
B00395681	24	3.39	1280	1	0.04	43	0.13	6
B00395682	9	1.13	358	1	0.02	20	0.04	63
B00395683	25	2.96	1561	<1	0.06	57	0.14	5
B00395684	4	0.87	823	6	0.02	63	0.06	41
B00395685	<1	0.58	692	2	<0.01	18	<0.01	9
B00395686	<1	0.43	407	4	<0.01	39	<0.01	25
B00395687	<1	0.96	652	4	<0.01	27	<0.01	9
B00395688	9	2.75	1352	5	<0.01	94	0.08	21
B00395689	5	1.87	1600	2	0.01	30	0.06	13
B00395690	8	0.54	294	<1	2.83	19	0.02	9
B00395691	22	3.76	1728	<1	0.03	35	0.11	4
B00395692	24	3.70	1240	<1	0.03	34	0.12	7
B00395693	33	5.38	1472	<1	0.24	45	0.12	4
B00395694	20	3.12	5078	1	0.09	107	0.07	6
B00395695	21	3.43	5921	<1	0.37	278	0.05	7
B00395696	16	3.22	5018	<1	1.33	150	0.06	8
B00395697	15	3.64	7673	<1	1.24	211	0.06	7
B00395698	24	5.25	5102	<1	0.03	353	0.05	6
B00395699	17	2.33	6165	1	0.03	151	0.06	6
B00395700	18	2.35	6373	1	0.03	154	0.06	6
B00395701	22	2.14	6183	1	0.03	104	0.07	8
B00395702	19	1.62	671	<1	0.03	21	0.03	12
B00395703	25	2.36	1174	1	0.03	73	0.05	13
B00395704	13	1.23	500	<1	0.02	69	0.06	65
B00395705	15	0.82	501	4	0.02	62	0.05	42
B00395706	24	1.46	1286	<1	0.04	18	0.03	8
B00395707	4	0.64	3392	4	<0.01	7	<0.01	11
B00395708	25	1.89	1836	<1	0.04	60	0.06	8
B00395709	19	2.78	3091	<1	0.02	116	0.06	8
B00395710	10	1.25	592	16	0.49	12	0.05	5571
B00395711	19	1.35	507	1	0.07	28	0.05	8
B00395712	18	1.50	748	3	0.06	27	0.05	7
B00395713	21	1.59	715	1	0.08	30	0.05	9
B00395714	19	1.36	729	<1	0.48	34	0.06	14

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
*Rep B00395644	12	2.80	1366	1	2.47	38	0.16	3
*Rep B00395684	4	0.87	825	6	0.02	63	0.05	41
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	14	2.25	1417	2	0.65	50	0.04	195
*Std OREAS-602	20	0.20	217	5	0.45	61	0.06	1030
*Std RTS-3A	15	2.38	1412	2	0.72	50	0.04	203
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Std OREAS-903	19	0.72	703	4	0.03	53	0.12	15

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395639	0.09	<5	22.5	<10	136	0.35	227	<10
B00395640	0.13	<5	22.3	<10	136	0.34	226	<10
B00395641	0.49	<5	30.1	<10	78.4	0.18	226	<10
B00395642	0.72	6	23.8	<10	61.1	0.34	209	<10
B00395643	0.30	<5	23.3	<10	59.0	1.06	378	<10
B00395644	0.18	<5	23.0	<10	89.7	1.35	365	<10
B00395645	0.23	<5	23.7	<10	96.1	1.43	360	<10
B00395646	0.13	<5	27.3	<10	232	0.92	292	<10
B00395647	0.56	<5	26.4	<10	224	0.95	300	<10
B00395648	1.39	<5	27.7	<10	124	0.91	285	<10
B00395649	0.55	<5	28.0	<10	129	0.86	291	<10
B00395650	<0.01	<5	5.5	<10	331	0.13	38	<10
B00395651	0.09	7	29.8	<10	262	0.96	307	<10
B00395652	0.31	6	28.7	<10	202	0.93	290	<10
B00395653	0.25	<5	24.5	<10	96.9	1.01	297	<10
B00395654	0.66	<5	24.5	<10	67.6	1.16	311	<10
B00395655	0.41	<5	25.5	<10	43.2	1.27	315	<10
B00395656	0.21	6	21.4	<10	106	0.42	209	<10
B00395657	0.42	<5	25.4	<10	104	1.22	313	<10
B00395658	0.24	<5	25.4	<10	81.8	0.91	286	<10
B00395659	0.69	<5	22.0	<10	119	0.97	273	<10
B00395660	0.62	<5	9.7	73	105	0.11	44	6956
B00395661	0.39	5	23.8	<10	126	0.77	274	<10
B00395662	0.21	<5	26.8	<10	129	0.40	263	<10
B00395663	0.17	<5	26.9	<10	181	0.81	276	<10
B00395664	0.39	<5	25.0	<10	147	0.49	245	<10
B00395665	0.78	<5	26.7	<10	133	0.28	235	<10
B00395666	0.40	<5	27.2	<10	124	0.17	252	<10
B00395667	1.29	<5	31.0	<10	164	0.40	294	<10
B00395668	1.45	<5	25.3	<10	122	0.64	276	<10
B00395669	0.42	<5	27.8	<10	173	0.79	301	<10
B00395670	0.49	<5	29.2	<10	181	0.88	320	<10
B00395671	0.47	<5	30.4	<10	141	0.29	266	<10
B00395672	0.17	<5	34.7	<10	166	0.67	310	<10
B00395673	1.07	<5	33.3	<10	131	0.54	309	<10
*Dup B00395673	1.10	<5	34.0	<10	130	0.58	312	<10
B00395674	1.03	<5	26.7	<10	153	0.40	243	<10
B00395675	0.60	<5	33.2	<10	145	0.56	324	<10
B00395676	0.21	<5	38.6	<10	148	0.87	347	<10
B00395677	0.15	<5	34.6	<10	122	0.50	326	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395678	0.75	<5	37.2	<10	70.2	0.45	340	<10
B00395679	1.30	<5	5.2	<10	93.8	0.05	51	<10
B00395680	1.59	<5	12.8	<10	145	0.32	200	83
B00395681	1.30	10	30.0	<10	73.0	0.46	329	<10
B00395682	0.79	6	7.5	<10	23.4	0.12	97	<10
B00395683	1.25	<5	24.0	<10	70.5	0.64	269	<10
B00395684	>5.00	24	6.3	<10	81.2	0.06	102	<10
B00395685	2.52	<5	0.8	<10	17.5	<0.01	23	<10
B00395686	>5.00	10	1.2	<10	12.6	<0.01	36	<10
B00395687	2.50	<5	1.5	<10	25.5	<0.01	31	<10
B00395688	>5.00	20	10.0	<10	56.7	0.03	103	<10
B00395689	>5.00	<5	8.8	<10	37.6	0.05	97	<10
B00395690	0.01	<5	5.5	<10	359	0.14	37	<10
B00395691	0.79	<5	33.7	<10	50.6	0.69	377	<10
B00395692	1.28	<5	30.9	<10	37.6	0.64	387	<10
B00395693	0.28	<5	30.9	<10	31.6	0.21	377	<10
B00395694	0.68	<5	29.4	<10	48.6	0.74	244	<10
B00395695	0.61	<5	26.3	<10	92.5	0.52	208	<10
B00395696	0.36	<5	30.8	<10	95.8	0.70	233	<10
B00395697	0.17	9	26.3	<10	109	0.57	203	<10
B00395698	0.37	14	28.2	<10	106	0.26	218	<10
B00395699	0.51	<5	28.4	<10	70.4	0.80	223	<10
B00395700	0.67	<5	29.0	<10	75.0	0.84	230	<10
B00395701	0.72	<5	28.1	<10	56.2	1.07	223	<10
B00395702	0.79	<5	9.8	<10	10.0	0.18	58	<10
B00395703	1.13	37	20.2	<10	27.5	0.52	134	<10
B00395704	4.95	15	12.3	<10	9.7	0.28	142	<10
B00395705	4.62	20	7.9	<10	12.6	0.11	92	<10
B00395706	0.10	<5	7.6	<10	25.1	0.14	25	<10
B00395707	0.08	<5	2.2	<10	31.5	0.03	12	<10
B00395708	0.34	<5	19.1	<10	29.0	0.56	136	<10
B00395709	1.42	<5	22.5	<10	122	0.45	163	<10
B00395710	>5.00	59	7.4	<10	31.5	0.09	26	13
B00395711	0.38	<5	15.0	<10	25.8	0.30	105	<10
B00395712	0.33	<5	12.8	<10	39.1	0.22	80	<10
B00395713	0.51	<5	14.8	<10	28.9	0.20	101	<10
B00395714	0.33	<5	16.4	<10	43.5	0.26	107	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395644	0.19	<5	23.3	<10	90.9	1.37	371	<10
*Rep B00395684	>5.00	22	6.3	<10	79.1	0.06	102	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	>5.00	<5	14.4	37	45.8	0.28	104	<10
*Std OREAS-602	1.96	73	4.0	<10	431	0.19	31	11
*Std RTS-3A	>5.00	<5	14.5	37	44.2	0.31	103	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Std OREAS-903	0.54	<5	10.7	<10	77.1	0.12	76	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
B00395639	8.9	77	77.4	<0.05	N.A.	N.A.
B00395640	8.6	77	75.9	<0.05	N.A.	N.A.
B00395641	7.4	79	38.4	0.07	N.A.	N.A.
B00395642	9.8	81	99.9	0.06	N.A.	N.A.
B00395643	15.1	109	205	<0.05	N.A.	N.A.
B00395644	14.6	102	196	<0.05	N.A.	N.A.
B00395645	17.4	108	200	<0.05	N.A.	N.A.
B00395646	13.2	83	95.7	<0.05	N.A.	N.A.
B00395647	20.4	89	122	0.06	N.A.	N.A.
B00395648	16.7	99	96.8	<0.05	N.A.	N.A.
B00395649	16.9	87	91.6	<0.05	N.A.	N.A.
B00395650	5.6	18	39.2	<0.05	N.A.	N.A.
B00395651	18.4	93	79.3	<0.05	N.A.	N.A.
B00395652	17.4	91	65.9	<0.05	N.A.	N.A.
B00395653	11.5	90	143	<0.05	N.A.	N.A.
B00395654	13.1	88	153	<0.05	N.A.	N.A.
B00395655	11.2	91	156	<0.05	N.A.	N.A.
B00395656	9.0	69	80.5	<0.05	N.A.	N.A.
B00395657	13.0	104	146	<0.05	N.A.	N.A.
B00395658	10.3	102	138	<0.05	N.A.	N.A.
B00395659	11.3	97	118	<0.05	N.A.	N.A.
B00395660	6.9	284	36.8	0.25	N.A.	N.A.
B00395661	10.9	88	121	<0.05	N.A.	N.A.
B00395662	7.7	78	75.4	<0.05	N.A.	N.A.
B00395663	10.0	82	75.0	<0.05	N.A.	N.A.
B00395664	9.6	71	73.6	<0.05	N.A.	N.A.
B00395665	7.2	71	58.9	<0.05	N.A.	N.A.
B00395666	9.1	56	62.0	<0.05	N.A.	N.A.
B00395667	9.3	75	75.1	<0.05	N.A.	N.A.
B00395668	9.4	76	94.7	<0.05	N.A.	N.A.
B00395669	9.1	85	81.2	<0.05	N.A.	N.A.
B00395670	9.2	89	83.0	<0.05	N.A.	N.A.
B00395671	8.0	72	58.9	<0.05	N.A.	N.A.
B00395672	9.5	88	76.3	<0.05	N.A.	N.A.
B00395673	9.0	89	86.9	<0.05	N.A.	N.A.
*Dup B00395673	9.2	93	88.0	<0.05	N.A.	N.A.
B00395674	10.7	61	68.1	<0.05	N.A.	N.A.
B00395675	10.4	90	94.7	<0.05	N.A.	N.A.
B00395676	9.2	101	99.6	<0.05	N.A.	N.A.
B00395677	9.7	97	87.1	0.06	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
B00395678	8.5	114	99.3	<0.05	N.A.	N.A.
B00395679	4.5	24	19.7	<0.05	N.A.	N.A.
B00395680	18.2	20	127	0.67	N.A.	N.A.
B00395681	16.6	137	231	0.16	N.A.	N.A.
B00395682	5.8	121	61.2	0.12	N.A.	N.A.
B00395683	13.4	120	184	<0.05	N.A.	N.A.
B00395684	12.7	59	43.9	0.52	N.A.	N.A.
B00395685	2.0	27	5.3	0.09	N.A.	N.A.
B00395686	2.5	19	10.6	0.16	N.A.	N.A.
B00395687	2.0	8	8.5	0.07	N.A.	N.A.
B00395688	9.0	82	54.6	0.31	N.A.	N.A.
B00395689	7.3	259	52.7	0.23	N.A.	N.A.
B00395690	5.8	19	42.6	<0.05	N.A.	N.A.
B00395691	11.5	109	149	<0.05	N.A.	N.A.
B00395692	11.7	227	153	<0.05	N.A.	N.A.
B00395693	11.0	139	149	<0.05	N.A.	N.A.
B00395694	6.6	145	99.4	0.10	N.A.	N.A.
B00395695	6.4	227	89.5	0.17	N.A.	N.A.
B00395696	6.7	91	88.3	0.06	N.A.	N.A.
B00395697	7.0	81	89.4	0.08	N.A.	N.A.
B00395698	6.8	70	79.8	0.11	N.A.	N.A.
B00395699	7.5	88	98.3	0.17	N.A.	N.A.
B00395700	7.8	84	101	0.18	N.A.	N.A.
B00395701	9.0	111	141	0.20	N.A.	N.A.
B00395702	14.8	610	189	0.24	N.A.	N.A.
B00395703	12.7	156	158	0.74	N.A.	N.A.
B00395704	8.0	169	85.4	0.68	N.A.	N.A.
B00395705	10.8	4945	133	0.82	N.A.	N.A.
B00395706	19.6	122	276	0.19	N.A.	N.A.
B00395707	4.3	27	44.7	0.15	N.A.	N.A.
B00395708	14.5	87	222	0.11	N.A.	N.A.
B00395709	8.3	87	94.6	0.16	N.A.	N.A.
B00395710	9.9	>10000	106	0.70	30875	25965
B00395711	11.1	97	146	<0.05	N.A.	N.A.
B00395712	10.5	83	151	<0.05	N.A.	N.A.
B00395713	11.4	113	163	0.09	N.A.	N.A.
B00395714	10.2	81	138	<0.05	N.A.	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	Cu	Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B	GE_ICP90A	GE_ICP90A
	0.5 ppm	1 ppm	0.5 ppm	0.05 ppm	10 ppm	10 ppm
*Rep B00395644	15.6	104	203	<0.05		
*Rep B00395684	12.6	59	43.6	0.63		
*Std OREAS-602	N.A.	N.A.	N.A.	35.90		
*Std RTS-3A	11.6	2740	67.2	N.A.		
*Std OREAS-602	5.7	4243	85.0	36.02		
*Std RTS-3A	11.4	2737	67.7	N.A.		
*Bik BLANK	<0.5	1	<0.5	<0.05		
*Bik BLANK	<0.5	<1	<0.5	<0.05		
*Std OREAS-903	23.0	27	145			
*Rep B00395710					30786	25975
*Std OREAS-624					31049	23590
*Std RTS-3A				1.80		
*Std OREAS-602				39.04		

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Certificate of Analysis
Work Order : VD1900572
[Report File No.: 000022146]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 76
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

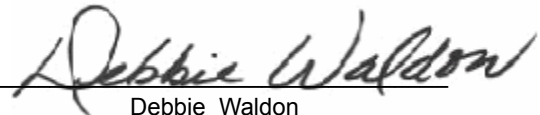
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
76	SHIP	Shipping
73	G_WGH79	Weighing of samples and reporting of weights
76	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
76	GE_FAA515	@Au, FAS, AAS, 50g-5ml
76	GE_ICP40B	@ICP-OES after Multi-Acid Digest
76	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395715	2.215	<0.005	<2	7.73	17	559	1.5	<5
B00395716	2.041	0.007	<2	8.28	19	589	1.6	<5
B00395717	2.185	0.006	<2	8.62	16	648	1.7	<5
B00395718	2.008	0.144	<2	7.82	19	623	1.8	<5
B00395719	1.682	0.013	<2	7.78	22	627	1.9	<5
B00395720	0.248	<0.005	<2	6.58	<3	364	0.8	<5
B00395721	2.312	0.036	<2	8.17	28	530	1.8	<5
B00395722	2.296	0.006	<2	8.32	43	495	1.7	<5
B00395723	2.380	0.017	<2	8.40	23	649	2.0	<5
B00395724	1.835	<0.005	<2	8.23	21	574	2.0	<5
B00395725	1.337	0.034	<2	7.82	<3	599	1.7	<5
B00395726	2.249	0.151	<2	7.83	7	589	1.7	<5
B00395727	2.488	0.053	<2	7.21	4	661	1.6	<5
B00395728	3.172	0.027	<2	7.29	<3	702	1.8	<5
B00395729	1.745	0.035	<2	7.33	4	652	1.8	<5
B00395730	N.A.	0.033	<2	7.22	<3	656	1.8	<5
B00395731	1.546	0.154	<2	7.14	3	602	1.6	<5
B00395732	1.880	0.051	<2	7.16	4	613	1.7	<5
B00395733	0.644	3.368	<2	5.66	32	539	1.3	<5
B00395734	2.434	0.035	<2	7.36	3	640	1.6	<5
B00395735	2.726	0.041	<2	7.14	<3	593	1.6	<5
B00395736	1.550	0.028	<2	6.93	4	551	1.5	<5
B00395737	2.409	0.031	<2	7.42	4	615	1.7	<5
B00395738	2.035	0.027	<2	6.43	4	552	1.4	<5
B00395739	2.653	0.015	<2	7.07	4	663	1.5	<5
B00395740	0.065	1.051	<2	6.05	7	68	0.6	5
B00395741	1.168	0.021	<2	7.19	5	631	1.7	<5
B00395742	2.055	0.044	<2	7.40	7	628	1.7	<5
B00395743	2.088	0.023	<2	7.45	6	659	1.7	<5
B00395744	0.730	0.052	<2	6.50	4	352	1.3	<5
B00395745	1.597	0.006	<2	7.38	5	667	1.7	<5
B00395746	0.689	0.019	<2	7.22	5	527	1.7	<5
B00395747	2.355	0.016	<2	7.15	6	639	1.6	<5
B00395748	1.320	0.045	<2	6.48	5	532	1.5	<5
B00395749	1.865	0.112	<2	6.97	66	679	1.8	<5
*Dup B00395749	N.A.	0.104	<2	7.14	45	696	1.8	<5
B00395750	0.203	<0.005	<2	6.19	<3	379	0.9	<5
B00395751	1.656	0.053	<2	7.49	89	731	1.9	<5
B00395752	2.234	0.018	<2	7.10	6	692	1.6	<5
B00395753	1.986	0.009	<2	7.29	7	650	1.7	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395754	1.022	0.951	<2	6.95	23	602	1.5	<5
B00395755	0.551	0.222	<2	7.21	5374	535	1.7	<5
B00395756	2.331	0.020	<2	7.52	10	620	1.7	<5
B00395757	1.158	0.032	<2	6.95	23	686	1.6	<5
B00395758	1.954	0.008	<2	6.12	5	636	1.4	<5
B00395759	2.137	0.046	<2	7.31	10	640	1.7	<5
B00395760	N.A.	0.031	<2	7.32	9	639	1.7	<5
B00395761	1.940	0.032	<2	7.28	<3	640	1.6	<5
B00395762	1.632	0.028	<2	7.44	4	681	1.7	<5
B00395763	2.198	0.163	<2	7.14	5	656	1.7	<5
B00395764	0.719	2.528	>100	6.11	8	527	1.4	441
B00395765	2.153	0.538	<2	7.10	3	592	1.6	<5
B00395766	1.413	0.042	<2	7.35	4	638	1.7	<5
B00395767	2.179	0.076	<2	7.37	3	653	1.7	<5
B00395768	2.026	0.065	<2	7.41	5	640	1.7	<5
B00395769	1.975	0.038	<2	7.46	5	642	1.7	<5
B00395770	0.068	0.376	<2	4.76	342	714	0.8	<5
B00395771	2.193	0.015	<2	7.50	6	651	1.7	<5
B00395772	0.687	5.478	<2	5.86	13	497	1.3	<5
B00395773	1.244	0.008	<2	7.45	6	665	1.7	<5
B00395774	1.986	0.234	<2	7.46	6	652	1.7	<5
B00395775	1.860	0.016	<2	7.50	4	690	1.7	<5
B00395776	1.932	0.011	<2	7.47	5	667	1.7	<5
B00395777	2.016	0.009	<2	7.43	4	651	1.7	<5
B00395778	1.405	0.012	3	7.24	4	603	1.5	<5
B00395779	1.289	0.016	3	5.74	4	485	1.2	6
B00395780	0.202	<0.005	<2	6.27	<3	380	1.0	<5
B00395781	2.147	0.318	<2	7.36	4	667	1.7	<5
B00395782	2.005	0.263	<2	6.86	182	647	1.7	<5
B00395783	1.340	0.021	<2	7.01	6	612	1.7	<5
B00395784	1.809	0.106	<2	7.21	7	615	1.6	<5
B00395785	2.031	0.040	<2	7.30	11	652	1.7	<5
B00395786	1.140	0.057	<2	7.31	4	668	1.6	<5
B00395787	2.033	0.024	<2	7.21	5	561	1.8	<5
B00395788	2.358	0.013	<2	7.38	6	358	1.3	<5
B00395789	2.150	0.012	<2	7.47	5	619	1.7	<5
B00395790	N.A.	0.013	<2	7.40	5	612	1.8	<5
*Rep B00395718		0.157						
*Rep B00395759		0.039						
*Std OREAS-235		1.519						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-521	0.375						
*Std OREAS-522	0.567						
*Blk BLANK	<0.005						
*Rep B00395720		<2	6.67	<3	369	0.9	<5
*Rep B00395781		<2	7.40	4	667	1.7	<5
*Std OREAS-602		>100	4.21	662	141	0.7	58
*Std RTS-3A		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-602		>100	4.31	668	186	0.8	59
*Std RTS-3A		11	4.94	15	107	<0.5	32
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Std OREAS-903		<2	6.03	50	194	4.4	13
*Std RTS-3A		9	5.07	15	108	<0.5	30

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395715	0.98	<1	11	65	19.8	4.65	3.25	35.9
B00395716	0.83	<1	13	82	23.5	5.31	3.53	35.6
B00395717	0.82	<1	12	87	27.2	5.34	3.89	38.7
B00395718	0.54	<1	15	70	41.9	5.85	3.74	34.9
B00395719	0.45	<1	13	105	10.1	5.32	3.65	37.8
B00395720	1.80	<1	5	27	3.8	1.98	1.35	7.8
B00395721	0.81	<1	15	128	16.7	6.61	3.19	37.8
B00395722	1.90	<1	19	106	21.0	6.85	3.06	33.9
B00395723	0.90	<1	12	66	24.0	5.27	3.37	39.5
B00395724	0.90	<1	10	71	12.4	4.12	3.13	42.6
B00395725	1.81	<1	4	14	28.6	2.94	2.57	30.9
B00395726	1.83	<1	4	21	23.1	2.83	2.54	29.4
B00395727	1.78	<1	4	14	17.0	2.86	2.50	31.9
B00395728	1.84	<1	5	18	15.3	2.81	2.43	31.4
B00395729	2.06	<1	5	16	26.5	3.25	1.97	32.3
B00395730	2.03	<1	5	16	27.3	3.18	1.99	32.7
B00395731	1.84	1	5	20	33.5	3.07	1.92	31.4
B00395732	1.92	<1	5	14	13.2	3.01	2.09	33.1
B00395733	1.35	<1	10	18	20.2	3.18	1.87	26.2
B00395734	1.93	<1	5	12	22.6	2.95	2.03	32.8
B00395735	1.97	<1	5	22	29.0	3.01	1.91	32.2
B00395736	1.86	6	5	15	43.2	2.92	1.92	30.9
B00395737	2.10	<1	5	19	27.6	3.08	1.94	33.5
B00395738	2.03	1	5	13	31.0	2.74	1.72	28.6
B00395739	1.78	<1	5	17	14.3	2.97	2.35	34.6
B00395740	3.36	<1	7	29	4516	>15.0	2.59	8.1
B00395741	1.86	<1	5	14	9.6	2.89	2.43	33.3
B00395742	1.95	<1	5	17	13.8	3.04	2.19	34.9
B00395743	1.99	<1	5	14	11.7	3.06	2.41	36.1
B00395744	2.17	<1	3	15	9.5	1.95	1.53	32.8
B00395745	1.89	<1	5	13	5.5	2.94	2.52	33.8
B00395746	1.80	<1	5	12	19.2	3.21	1.70	33.3
B00395747	1.90	<1	5	15	10.7	2.93	2.34	34.8
B00395748	1.67	<1	4	14	14.7	2.58	1.85	29.5
B00395749	1.79	<1	5	13	20.3	2.87	2.15	32.6
*Dup B00395749	1.83	<1	5	10	21.0	2.78	2.19	32.0
B00395750	1.73	<1	5	27	4.0	1.88	1.33	8.2
B00395751	1.97	<1	5	13	15.2	3.08	2.42	34.4
B00395752	1.88	<1	5	21	10.0	2.83	2.49	34.1
B00395753	1.82	<1	5	15	9.7	2.99	2.41	34.1

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395754	1.34	<1	8	13	233	3.61	2.12	32.3
B00395755	1.10	2	6	13	14.6	3.29	1.79	34.3
B00395756	1.62	<1	5	17	12.9	3.06	2.11	35.1
B00395757	1.34	<1	7	63	24.9	3.98	2.63	27.8
B00395758	2.68	<1	3	18	18.8	2.30	2.37	28.3
B00395759	1.98	<1	5	13	14.6	2.91	2.32	34.4
B00395760	2.03	<1	5	10	14.6	2.99	2.31	34.7
B00395761	1.96	<1	5	16	32.9	2.99	2.19	33.4
B00395762	2.02	<1	5	10	22.1	3.02	2.45	35.9
B00395763	2.10	<1	5	18	46.0	3.19	2.04	35.0
B00395764	1.68	62	12	16	70.3	3.47	2.00	28.5
B00395765	1.93	1	6	18	37.0	2.88	2.08	33.6
B00395766	1.99	<1	5	17	22.8	3.16	2.47	34.9
B00395767	1.92	<1	7	20	31.1	3.11	2.52	35.5
B00395768	1.99	<1	6	13	12.6	3.04	2.53	36.5
B00395769	1.89	<1	5	23	10.0	3.14	2.58	35.4
B00395770	3.82	<1	372	28	6018	>15.0	3.38	146
B00395771	2.02	<1	5	13	5.6	3.04	2.55	34.7
B00395772	1.53	2	4	8	19.8	2.62	1.83	27.4
B00395773	2.00	<1	5	16	6.2	3.13	2.56	35.5
B00395774	1.99	<1	5	12	10.1	3.06	2.57	35.6
B00395775	1.96	<1	5	10	26.6	2.85	2.53	35.3
B00395776	1.99	<1	5	17	10.9	3.13	2.57	34.8
B00395777	1.96	<1	5	15	10.5	3.03	2.55	35.4
B00395778	1.77	2	4	18	25.6	2.79	2.16	33.3
B00395779	1.35	2	4	17	42.5	2.81	1.68	26.5
B00395780	1.78	<1	5	22	3.9	2.00	1.33	8.2
B00395781	1.99	<1	5	23	27.8	3.08	2.47	35.5
B00395782	0.50	<1	6	18	52.6	3.03	2.08	31.2
B00395783	1.72	<1	6	17	25.7	3.11	2.19	33.0
B00395784	1.93	<1	5	19	14.8	3.01	2.41	33.9
B00395785	1.82	<1	5	19	13.9	3.06	2.55	35.8
B00395786	1.94	<1	5	13	16.8	3.03	2.52	34.6
B00395787	1.67	<1	5	17	24.2	2.97	2.27	34.6
B00395788	1.83	<1	5	17	7.0	3.22	1.55	36.0
B00395789	1.91	<1	5	10	14.1	2.97	2.55	34.6
B00395790	1.92	<1	5	20	15.1	3.04	2.56	35.1

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395720	1.81	<1	5	28	3.9	1.99	1.36	8.0
*Rep B00395781	1.99	<1	6	16	26.1	3.10	2.48	35.2
*Std OREAS-602	0.61	27	10	26	4935	2.28	0.70	14.0
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-602	0.63	27	10	27	5073	2.33	0.70	16.4
*Std RTS-3A	2.00	9	129	153	2246	>15.0	0.48	9.4
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5
*Std OREAS-903	0.60	<1	134	70	6575	4.20	3.48	38.5
*Std RTS-3A	1.91	9	125	140	2284	>15.0	0.47	9.1

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395715	15	1.23	663	1	0.92	28	0.05	13
B00395716	18	1.45	555	<1	0.74	33	0.06	10
B00395717	17	1.41	561	2	0.54	31	0.05	11
B00395718	17	1.38	697	1	0.07	36	0.05	12
B00395719	18	1.65	620	2	0.08	41	0.05	11
B00395720	8	0.60	288	<1	2.95	19	0.02	9
B00395721	20	2.17	814	1	0.56	59	0.06	17
B00395722	20	2.31	1053	<1	0.98	52	0.06	16
B00395723	15	1.15	1417	2	1.02	26	0.04	19
B00395724	13	1.03	442	1	1.48	25	0.05	22
B00395725	8	0.49	446	1	3.19	4	0.05	18
B00395726	10	0.47	453	2	3.16	4	0.05	18
B00395727	9	0.47	469	1	2.78	4	0.05	14
B00395728	9	0.48	473	1	2.82	5	0.05	14
B00395729	12	0.57	551	1	3.02	5	0.07	14
B00395730	12	0.57	541	1	2.98	5	0.06	13
B00395731	11	0.52	493	2	3.03	5	0.05	187
B00395732	8	0.53	484	2	2.81	5	0.06	13
B00395733	7	0.43	397	130	2.21	4	0.04	46
B00395734	11	0.52	471	1	3.02	5	0.06	14
B00395735	11	0.52	480	2	3.05	5	0.06	11
B00395736	11	0.47	495	4	2.96	5	0.05	9
B00395737	12	0.52	523	2	3.23	5	0.06	10
B00395738	10	0.47	476	2	2.69	5	0.05	10
B00395739	10	0.50	481	2	2.73	5	0.05	15
B00395740	118	0.74	2924	200	0.66	5	0.43	5
B00395741	11	0.50	481	3	2.82	5	0.05	16
B00395742	13	0.54	530	3	2.96	5	0.05	19
B00395743	10	0.54	521	1	2.89	5	0.05	18
B00395744	6	0.27	326	2	3.59	3	0.05	7
B00395745	9	0.51	490	2	2.89	5	0.05	14
B00395746	11	0.53	499	1	3.28	5	0.05	12
B00395747	10	0.52	501	2	2.78	5	0.05	14
B00395748	8	0.43	444	2	2.76	4	0.04	15
B00395749	10	0.48	456	5	2.76	5	0.05	18
*Dup B00395749	10	0.50	450	2	2.80	5	0.05	17
B00395750	9	0.57	290	<1	2.75	20	0.02	8
B00395751	8	0.52	507	2	2.96	5	0.05	16
B00395752	7	0.50	488	2	2.74	5	0.05	14
B00395753	9	0.53	497	1	2.83	5	0.05	14

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395754	8	0.47	422	1	3.02	5	0.05	12
B00395755	13	0.51	359	1	3.14	4	0.05	19
B00395756	12	0.53	553	1	3.10	5	0.06	18
B00395757	26	0.95	696	2	1.66	32	0.07	8
B00395758	18	0.48	719	3	1.66	5	0.04	7
B00395759	11	0.51	501	2	2.93	5	0.05	15
B00395760	11	0.51	518	2	2.93	5	0.05	14
B00395761	14	0.52	473	2	2.99	5	0.05	12
B00395762	12	0.54	500	2	2.84	5	0.05	14
B00395763	15	0.53	509	2	2.88	5	0.05	12
B00395764	14	0.43	409	2	2.32	5	0.04	3036
B00395765	14	0.49	483	2	2.86	5	0.05	34
B00395766	10	0.54	515	2	2.83	5	0.05	20
B00395767	13	0.54	520	3	2.76	5	0.05	14
B00395768	10	0.54	501	2	2.83	5	0.05	15
B00395769	11	0.54	509	4	2.90	5	0.05	14
B00395770	18	1.17	3080	136	1.01	61	0.08	10
B00395771	11	0.53	504	2	2.98	5	0.05	16
B00395772	10	0.42	406	1	2.41	4	0.04	17
B00395773	11	0.54	514	2	2.94	5	0.05	18
B00395774	12	0.53	500	2	2.94	5	0.05	17
B00395775	13	0.51	468	1	2.90	5	0.05	13
B00395776	11	0.54	506	2	2.94	5	0.05	16
B00395777	12	0.55	495	2	2.92	5	0.05	20
B00395778	14	0.48	498	2	3.05	5	0.05	193
B00395779	11	0.37	414	2	2.42	4	0.04	192
B00395780	8	0.57	300	<1	2.81	20	0.02	9
B00395781	13	0.55	508	2	2.89	5	0.05	19
B00395782	17	0.45	448	2	2.75	5	0.05	10
B00395783	16	0.51	511	1	2.81	5	0.05	12
B00395784	12	0.53	499	2	2.88	5	0.05	13
B00395785	11	0.52	489	2	2.84	5	0.05	14
B00395786	12	0.53	496	2	2.81	5	0.05	15
B00395787	16	0.57	474	2	2.88	5	0.05	9
B00395788	15	0.68	452	2	3.72	5	0.05	6
B00395789	13	0.56	498	2	2.97	5	0.05	13
B00395790	13	0.56	500	3	2.93	5	0.05	14

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
*Rep B00395720	8	0.60	286	<1	2.97	20	0.02	9
*Rep B00395781	13	0.54	506	2	2.90	5	0.05	18
*Std OREAS-602	20	0.21	226	5	0.44	61	0.05	1052
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-602	21	0.21	229	5	0.45	63	0.06	1084
*Std RTS-3A	15	2.45	1436	3	0.69	52	0.04	211
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Std OREAS-903	18	0.75	672	4	0.03	52	0.10	13
*Std RTS-3A	15	2.46	1422	3	0.71	52	0.04	209

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395715	0.18	<5	12.6	<10	50.2	0.25	89	<10
B00395716	0.21	<5	14.9	<10	44.8	0.27	106	<10
B00395717	0.32	<5	15.2	<10	42.1	0.30	108	<10
B00395718	0.77	<5	13.9	<10	28.5	0.27	102	<10
B00395719	0.35	<5	15.1	<10	27.1	0.22	109	<10
B00395720	<0.01	<5	5.5	<10	373	0.14	37	<10
B00395721	0.30	<5	18.2	<10	43.2	0.27	129	<10
B00395722	0.24	<5	19.9	<10	84.8	0.28	158	<10
B00395723	0.37	<5	13.5	<10	46.1	0.18	94	<10
B00395724	0.07	<5	12.7	<10	53.4	0.18	76	<10
B00395725	0.48	<5	5.8	<10	231	0.23	25	<10
B00395726	0.43	<5	5.7	<10	224	0.23	25	<10
B00395727	0.35	<5	5.7	<10	238	0.21	23	<10
B00395728	0.19	<5	5.6	<10	258	0.21	24	<10
B00395729	0.39	<5	6.2	<10	262	0.24	25	<10
B00395730	0.38	<5	6.1	<10	255	0.24	24	<10
B00395731	0.56	<5	5.6	<10	212	0.22	25	<10
B00395732	0.17	<5	5.7	<10	260	0.23	24	58
B00395733	0.71	<5	4.5	<10	154	0.18	19	68
B00395734	0.25	<5	6.0	<10	263	0.23	26	<10
B00395735	0.46	<5	5.8	<10	235	0.23	25	25
B00395736	0.65	<5	5.6	<10	153	0.22	24	<10
B00395737	0.54	<5	5.7	<10	256	0.23	25	<10
B00395738	0.48	<5	5.5	<10	183	0.20	24	23
B00395739	0.16	<5	6.4	<10	243	0.23	25	<10
B00395740	0.64	<5	7.6	78	111	0.11	46	3239
B00395741	0.14	<5	6.6	<10	222	0.23	28	<10
B00395742	0.21	<5	6.7	<10	231	0.24	28	<10
B00395743	0.16	<5	6.8	<10	237	0.24	28	<10
B00395744	0.25	<5	4.9	<10	185	0.21	18	<10
B00395745	0.07	<5	6.8	<10	250	0.24	29	<10
B00395746	0.33	<5	6.8	<10	234	0.25	29	<10
B00395747	0.14	<5	6.7	<10	260	0.24	28	<10
B00395748	0.23	<5	6.1	<10	170	0.21	26	15
B00395749	0.28	<5	6.3	<10	209	0.22	27	<10
*Dup B00395749	0.27	<5	6.5	<10	217	0.23	28	<10
B00395750	<0.01	<5	5.7	<10	382	0.14	37	<10
B00395751	0.20	<5	7.0	<10	212	0.24	29	<10
B00395752	0.13	<5	6.6	<10	234	0.24	28	<10
B00395753	0.08	<5	6.8	<10	238	0.24	28	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395754	0.77	<5	6.2	<10	164	0.18	26	<10
B00395755	0.37	<5	6.4	<10	133	0.16	28	<10
B00395756	0.08	<5	6.9	<10	200	0.24	29	<10
B00395757	0.12	<5	9.4	<10	131	0.29	53	10
B00395758	0.21	<5	5.8	<10	130	0.20	26	<10
B00395759	0.16	<5	6.9	<10	241	0.24	29	<10
B00395760	0.16	<5	6.8	<10	240	0.24	28	<10
B00395761	0.41	<5	6.7	<10	228	0.24	28	<10
B00395762	0.13	<5	6.8	<10	265	0.25	28	<10
B00395763	0.51	<5	6.6	<10	221	0.24	28	<10
B00395764	1.53	<5	5.7	<10	105	0.19	24	<10
B00395765	0.52	<5	6.5	<10	168	0.23	27	<10
B00395766	0.16	<5	6.9	<10	240	0.25	29	24
B00395767	0.28	<5	6.9	<10	227	0.25	29	<10
B00395768	0.13	<5	7.0	<10	253	0.25	29	<10
B00395769	0.06	<5	6.9	<10	243	0.25	28	<10
B00395770	1.76	6	13.0	<10	156	0.33	194	83
B00395771	0.05	<5	7.0	<10	262	0.25	30	<10
B00395772	0.23	<5	5.5	<10	188	0.19	23	<10
B00395773	0.04	<5	7.2	<10	253	0.25	29	<10
B00395774	0.08	<5	6.9	<10	245	0.25	29	<10
B00395775	0.22	<5	6.9	<10	226	0.25	27	<10
B00395776	0.08	<5	7.0	<10	249	0.25	29	<10
B00395777	0.13	<5	7.1	<10	245	0.25	29	<10
B00395778	0.69	<5	6.7	<10	89.8	0.24	29	13
B00395779	0.79	<5	5.3	<10	95.7	0.18	21	<10
B00395780	<0.01	<5	5.7	<10	387	0.14	36	<10
B00395781	0.16	<5	7.2	<10	250	0.25	30	22
B00395782	0.04	<5	6.5	<10	148	0.22	28	<10
B00395783	0.40	<5	6.8	<10	225	0.25	29	<10
B00395784	0.12	<5	6.8	<10	230	0.24	27	<10
B00395785	0.14	<5	6.9	<10	227	0.24	29	<10
B00395786	0.17	<5	6.8	<10	235	0.25	29	<10
B00395787	0.25	<5	6.9	<10	174	0.24	29	<10
B00395788	0.20	<5	6.9	<10	145	0.24	26	<10
B00395789	0.09	<5	7.0	<10	218	0.25	29	<10
B00395790	0.11	<5	6.9	<10	219	0.25	30	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395720	<0.01	<5	5.6	<10	377	0.15	38	<10
*Rep B00395781	0.17	<5	7.2	<10	251	0.26	30	24
*Std OREAS-602	2.05	83	4.1	<10	423	0.19	32	<10
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std OREAS-602	2.09	83	4.2	<10	492	0.20	31	<10
*Std RTS-3A	>5.00	<5	15.1	36	45.7	0.30	104	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Std OREAS-903	0.51	<5	9.8	<10	77.3	0.18	68	<10
*Std RTS-3A	>5.00	<5	15.1	41	44.9	0.32	103	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395715	9.3	80	135	0.06
B00395716	9.6	76	133	<0.05
B00395717	10.3	76	138	0.06
B00395718	9.8	95	129	0.16
B00395719	9.5	66	158	<0.05
B00395720	5.7	17	38.0	<0.05
B00395721	10.9	82	155	<0.05
B00395722	10.3	83	142	0.05
B00395723	11.3	76	136	0.06
B00395724	10.7	69	175	<0.05
B00395725	21.0	60	179	<0.05
B00395726	20.3	58	173	0.05
B00395727	19.0	59	168	<0.05
B00395728	19.6	55	180	<0.05
B00395729	21.0	72	196	<0.05
B00395730	20.9	70	196	0.08
B00395731	18.0	183	174	0.26
B00395732	19.4	56	184	0.08
B00395733	14.8	67	148	0.62
B00395734	18.7	94	193	0.06
B00395735	18.7	70	182	0.07
B00395736	17.8	937	175	0.10
B00395737	19.4	127	188	<0.05
B00395738	16.8	123	169	0.06
B00395739	19.3	56	179	0.07
B00395740	7.3	303	34.3	0.35
B00395741	21.4	67	175	<0.05
B00395742	20.6	95	190	<0.05
B00395743	21.2	89	187	0.06
B00395744	20.5	33	171	<0.05
B00395745	21.6	57	174	<0.05
B00395746	21.0	64	179	0.05
B00395747	20.8	55	183	<0.05
B00395748	18.6	76	157	0.08
B00395749	20.7	57	168	<0.05
*Dup B00395749	20.9	55	173	<0.05
B00395750	5.8	18	38.6	<0.05
B00395751	22.3	53	188	<0.05
B00395752	20.9	58	170	<0.05
B00395753	20.8	50	179	<0.05

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Final : VD1900572 Order:

Report File No.: 0000022146

Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395754	15.3	71	169	0.47
B00395755	14.8	119	181	0.50
B00395756	19.3	92	180	<0.05
B00395757	16.2	60	169	0.07
B00395758	16.4	34	157	0.06
B00395759	20.8	52	182	<0.05
B00395760	20.5	54	176	<0.05
B00395761	19.8	55	179	<0.05
B00395762	20.4	51	187	<0.05
B00395763	19.3	63	188	0.06
B00395764	16.3	6606	150	13.94
B00395765	19.2	169	174	0.42
B00395766	21.5	70	172	0.09
B00395767	20.6	54	180	<0.05
B00395768	21.9	55	183	0.05
B00395769	20.9	57	180	0.06
B00395770	18.2	20	121	0.69
B00395771	22.1	61	185	0.05
B00395772	16.8	195	145	0.86
B00395773	21.9	62	181	0.09
B00395774	20.9	58	176	0.23
B00395775	21.1	50	188	0.05
B00395776	22.0	56	180	<0.05
B00395777	22.4	62	188	<0.05
B00395778	21.5	231	184	0.59
B00395779	16.0	147	137	0.35
B00395780	6.0	18	45.3	<0.05
B00395781	21.5	60	180	0.20
B00395782	19.4	61	167	0.11
B00395783	20.3	55	172	<0.05
B00395784	21.0	56	176	<0.05
B00395785	21.3	56	185	<0.05
B00395786	20.7	67	176	<0.05
B00395787	21.1	52	191	<0.05
B00395788	22.9	60	192	<0.05
B00395789	21.9	58	185	<0.05
B00395790	21.8	57	177	<0.05

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm
*Rep B00395720	5.9	17	40.5	<0.05
*Rep B00395781	21.5	59	178	0.14
*Std OREAS-602	5.9	4237	81.8	35.10
*Std RTS-3A	N.A.	N.A.	N.A.	1.79
*Std OREAS-602	5.9	4412	82.0	35.90
*Std RTS-3A	11.7	2763	66.1	N.A.
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Std OREAS-903	21.3	25	144	
*Std RTS-3A	12.2	2703	67.7	
*Std RTS-3A				1.81

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Certificate of Analysis
Work Order : VD1900573
[Report File No.: 000022111]

Date: October 08, 2019

To: Arnaud Fontaine
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 74
Received: Sep 3, 2019
Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

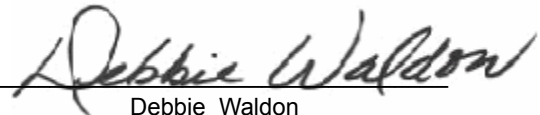
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
74	SHIP	Shipping
72	G_WGH79	Weighing of samples and reporting of weights
74	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
74	GE_FAA515	@Au, FAS, AAS, 50g-5ml
74	GE_ICP40B	@ICP-OES after Multi-Acid Digest
74	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395791	1.655	0.025	<2	7.78	8	613	1.8	<5
B00395792	1.836	0.007	<2	7.93	<3	616	1.9	<5
B00395793	1.229	0.017	<2	7.85	11	567	2.0	<5
B00395794	1.270	0.024	<2	7.93	<3	659	1.8	<5
B00395795	2.348	0.031	<2	7.80	10	608	1.8	<5
B00395796	1.862	0.091	<2	7.57	193	664	1.7	<5
B00395797	2.189	0.027	<2	7.54	7	721	1.7	<5
B00395798	1.591	0.087	<2	7.50	18	690	1.7	<5
B00395799	1.085	0.278	<2	7.57	747	666	1.7	<5
B00395800	0.065	2.533	5	3.78	17	211	0.8	<5
B00395801	2.071	0.023	<2	7.84	6	711	1.7	<5
B00395802	1.827	0.014	<2	8.00	17	745	1.7	<5
B00395803	1.614	0.023	<2	7.92	14	687	1.8	<5
B00395804	1.683	0.035	<2	8.05	<3	723	1.8	<5
B00395805	2.124	0.043	<2	7.96	5	712	1.7	<5
B00395806	2.068	0.017	<2	8.00	12	729	1.8	<5
B00395807	0.729	0.034	<2	7.83	536	659	1.9	<5
B00395808	2.353	0.006	<2	8.55	19	535	1.3	<5
B00395809	2.304	0.007	<2	8.02	6	820	1.5	<5
B00395810	0.201	<0.005	<2	6.60	<3	398	1.0	<5
B00395811	1.997	0.009	<2	7.31	8	802	1.5	<5
B00395812	1.793	<0.005	<2	7.80	14	750	1.6	<5
B00395813	1.877	0.005	<2	7.97	14	830	1.6	<5
B00395814	2.033	<0.005	<2	7.89	11	851	1.7	<5
B00395815	2.051	0.011	<2	7.97	17	829	1.5	<5
B00395816	0.809	0.052	<2	7.82	1908	731	1.9	<5
B00395817	0.760	0.023	<2	8.00	29	845	1.9	<5
B00395818	0.564	0.049	<2	7.94	1827	686	2.0	<5
B00395819	1.270	0.151	<2	7.80	125	620	1.8	<5
B00395820	0.065	4.517	6	4.70	18	274	0.9	<5
B00395821	2.347	0.013	<2	7.93	16	700	1.9	<5
B00395822	1.814	0.008	<2	7.86	<3	685	1.8	<5
B00395823	1.588	<0.005	<2	7.67	4	668	1.9	<5
B00395824	1.257	0.037	<2	7.95	25	505	1.6	<5
B00395825	1.488	0.111	<2	5.87	71	507	1.3	<5
*Dup B00395825	N.A.	0.071	<2	6.04	68	519	1.3	<5
B00395826	2.542	0.045	<2	7.57	26	584	1.7	<5
B00395827	3.061	0.040	<2	7.84	6	666	1.7	<5
B00395828	1.515	0.166	<2	7.93	44	694	2.0	<5
B00395829	1.999	0.093	<2	7.99	10	659	1.8	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395830	N.A.	0.091	<2	8.03	11	657	1.9	<5
B00395831	0.927	0.294	<2	7.22	9	660	1.8	<5
B00395832	2.131	0.044	<2	7.57	6	678	1.8	<5
B00395833	0.651	0.043	<2	7.88	6	719	1.7	<5
B00395834	1.260	0.010	<2	7.82	4	727	1.8	<5
B00395835	1.870	0.118	<2	8.07	5	719	1.8	<5
B00395836	1.800	0.166	<2	7.99	3	728	1.8	<5
B00395837	1.931	0.044	<2	7.92	<3	728	1.8	<5
B00395838	0.681	0.021	<2	8.00	5	719	1.8	<5
B00395839	1.142	0.022	<2	7.91	<3	726	1.9	<5
B00395840	0.187	<0.005	<2	6.52	<3	390	0.9	<5
B00395841	1.805	0.020	<2	8.29	<3	714	2.0	<5
B00395842	1.964	0.113	<2	8.00	<3	719	1.9	<5
B00395843	0.817	0.125	<2	6.96	<3	669	1.8	<5
B00395844	0.997	0.161	<2	6.85	4	599	1.7	<5
B00395845	1.887	0.927	<2	6.79	5	645	1.7	<5
B00395846	1.616	0.128	<2	7.28	<3	664	1.7	<5
B00395847	1.499	0.125	<2	7.27	5	613	1.7	<5
B00395848	1.941	0.108	<2	7.44	4	651	1.8	<5
B00395849	1.924	0.125	<2	7.50	4	641	1.8	<5
B00395850	0.065	1.092	<2	6.30	5	66	0.6	<5
B00395851	2.012	0.043	<2	7.47	7	620	1.7	<5
B00395852	1.307	0.100	<2	7.40	3	642	1.7	<5
B00395853	1.569	0.125	<2	7.41	34	592	1.7	<5
B00395854	1.896	2.299	<2	7.30	66	645	1.7	27
B00395855	2.136	0.154	<2	7.45	12	643	1.7	<5
B00395856	0.936	0.149	<2	7.68	5	637	1.8	<5
B00395857	2.370	0.096	<2	7.59	<3	644	1.7	<5
B00395858	0.917	0.079	<2	7.33	4	631	1.7	<5
B00395859	2.031	0.105	<2	7.78	3	652	1.9	<5
B00395860	N.A.	0.128	<2	7.65	4	638	1.9	<5
B00395861	2.061	0.082	<2	7.81	5	644	1.9	<5
B00395862	1.459	0.040	<2	7.77	4	607	2.0	<5
B00395863	2.170	0.098	<2	7.60	58	690	1.7	<5
B00395864	0.622	0.040	<2	7.61	17	679	1.8	<5
*Rep B00395806		0.019						
*Rep B00395853		0.106						
*Std OREAS-521		0.368						
*Std OREAS-522		0.570						
*Std OREAS-221		1.006						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Blk BLANK	<0.005						
*Rep B00395824		<2	7.90	31	495	1.6	<5
*Rep B00395851		<2	7.39	7	614	1.7	<5
*Std OREAS-602		>100	4.28	681	196	0.8	52
*Std RTS-3A		12	4.96	22	110	<0.5	29
*Std OREAS-602		>100	4.13	644	137	0.8	56
*Std RTS-3A		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Blk BLANK		<2	<0.01	<3	<1	<0.5	<5
*Blk BLANK	<0.005						
*Std OREAS-221	1.006						

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395791	1.91	<1	3	24	24.4	2.85	2.37	36.2
B00395792	1.98	<1	3	15	20.8	2.78	2.39	36.7
B00395793	1.60	<1	3	26	34.9	3.22	2.18	35.3
B00395794	1.97	<1	2	26	11.0	2.77	2.65	36.7
B00395795	1.95	<1	3	26	43.8	2.53	2.16	36.2
B00395796	1.82	<1	2	19	29.7	2.94	2.44	35.2
B00395797	2.02	<1	3	24	24.8	2.77	2.40	38.0
B00395798	1.71	<1	3	15	34.0	2.80	2.29	36.1
B00395799	1.66	<1	3	21	49.5	2.63	2.26	35.7
B00395800	11.6	<1	6	13	79.2	1.83	1.65	8.9
B00395801	1.87	<1	2	11	11.9	2.66	2.52	36.3
B00395802	1.00	<1	3	17	23.7	2.76	2.59	35.4
B00395803	1.55	<1	2	18	16.5	2.80	2.43	36.4
B00395804	1.98	<1	2	22	14.3	2.84	2.67	37.6
B00395805	1.94	<1	2	13	17.8	2.68	2.54	38.1
B00395806	1.94	<1	2	26	9.4	2.78	2.72	38.9
B00395807	1.89	<1	2	10	16.3	2.54	2.65	33.7
B00395808	1.50	<1	2	17	23.0	2.84	2.14	39.9
B00395809	1.34	<1	2	13	10.7	2.77	2.97	36.2
B00395810	1.83	<1	4	28	11.7	1.76	1.31	8.8
B00395811	1.54	<1	2	12	12.3	2.63	2.73	35.0
B00395812	1.74	<1	2	13	6.5	2.59	2.63	36.8
B00395813	1.42	<1	2	11	6.8	2.67	2.96	35.2
B00395814	1.64	<1	2	25	6.5	2.71	2.85	35.1
B00395815	1.39	<1	2	18	10.4	2.67	2.77	37.5
B00395816	1.67	<1	3	25	28.4	2.49	2.56	35.4
B00395817	1.74	<1	2	17	10.3	2.63	2.68	35.1
B00395818	1.81	<1	2	20	14.8	2.55	2.49	35.3
B00395819	2.20	<1	2	14	22.4	2.68	2.38	36.0
B00395820	5.34	<1	6	19	63.8	2.47	2.26	8.0
B00395821	1.93	<1	2	25	12.7	2.62	2.64	36.0
B00395822	1.79	<1	2	14	18.2	2.58	2.55	35.2
B00395823	1.73	<1	2	29	8.5	2.69	2.51	33.3
B00395824	1.32	<1	3	16	14.2	2.65	2.65	33.6
B00395825	0.96	<1	4	21	17.1	2.34	2.33	27.1
*Dup B00395825	0.99	<1	4	20	16.4	2.23	2.42	29.1
B00395826	2.11	<1	3	16	18.1	2.17	2.20	36.0
B00395827	2.20	<1	3	24	21.7	2.45	2.32	36.4
B00395828	1.55	<1	3	11	19.6	2.93	2.45	34.8
B00395829	2.07	<1	4	14	32.7	2.46	2.10	34.1

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395830	2.17	<1	3	18	33.8	2.64	2.09	34.2
B00395831	2.50	<1	3	14	39.4	2.82	1.93	32.3
B00395832	1.94	<1	5	21	24.2	2.84	2.17	33.6
B00395833	2.04	<1	2	33	27.5	2.80	2.29	34.3
B00395834	1.96	<1	2	14	54.3	2.68	2.10	33.6
B00395835	2.08	<1	2	17	17.5	2.79	2.38	34.7
B00395836	2.01	<1	2	10	20.4	2.70	2.40	34.0
B00395837	2.05	<1	2	20	25.2	2.75	2.25	33.1
B00395838	2.10	<1	2	19	24.9	2.76	2.26	33.4
B00395839	2.06	<1	2	15	27.2	2.93	2.38	34.8
B00395840	1.87	<1	3	27	7.7	2.00	1.28	8.4
B00395841	2.18	<1	3	19	30.0	2.92	2.27	33.2
B00395842	2.18	<1	3	12	24.0	2.77	2.31	35.6
B00395843	1.87	<1	4	10	14.9	2.66	2.12	33.6
B00395844	1.84	<1	6	17	24.5	3.15	1.98	32.4
B00395845	1.89	<1	5	21	21.5	2.61	2.17	31.1
B00395846	1.89	<1	5	10	13.9	2.76	2.49	30.8
B00395847	1.93	<1	5	13	33.9	2.63	2.09	30.5
B00395848	1.90	<1	5	9	16.8	2.75	2.22	32.3
B00395849	1.94	<1	5	19	17.5	2.77	2.28	30.8
B00395850	3.48	<1	4	27	4775	>15.0	2.63	8.8
B00395851	2.01	<1	5	13	18.0	2.65	2.18	31.3
B00395852	1.87	<1	5	15	17.2	2.73	2.22	32.7
B00395853	1.88	<1	5	12	26.9	2.68	2.17	30.4
B00395854	1.87	<1	5	15	21.2	2.79	2.27	30.6
B00395855	1.98	<1	5	16	19.4	2.74	2.26	32.0
B00395856	2.08	<1	5	9	17.7	2.99	2.17	32.2
B00395857	2.06	<1	5	19	21.5	2.86	2.11	31.9
B00395858	2.15	<1	5	11	40.1	2.91	2.20	31.9
B00395859	2.12	<1	5	14	12.5	2.91	2.18	31.7
B00395860	2.08	<1	6	15	11.8	2.92	2.13	32.3
B00395861	2.17	<1	5	15	5.8	2.94	2.29	32.0
B00395862	2.25	<1	5	17	6.8	2.97	1.98	32.8
B00395863	1.87	<1	5	11	38.5	2.77	2.60	31.3
B00395864	2.02	<1	4	16	22.7	2.69	2.47	30.3

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395824	1.33	<1	4	12	14.1	2.65	2.73	33.4
*Rep B00395851	1.99	<1	5	10	16.8	2.61	2.17	30.3
*Std OREAS-602	0.63	29	9	32	5043	2.08	0.71	17.1
*Std RTS-3A	2.19	9	130	150	2325	>15.0	0.47	9.0
*Std OREAS-602	0.61	25	9	27	5001	2.18	0.66	14.6
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395791	12	0.49	481	2	3.12	6	0.06	13
B00395792	11	0.49	488	2	3.33	5	0.06	13
B00395793	16	0.62	436	2	3.27	5	0.06	8
B00395794	10	0.51	480	3	3.00	5	0.06	17
B00395795	15	0.43	440	3	3.25	5	0.06	9
B00395796	12	0.50	461	2	2.93	5	0.06	20
B00395797	12	0.52	488	3	3.00	5	0.06	14
B00395798	12	0.50	514	1	3.11	5	0.06	13
B00395799	12	0.45	407	2	3.16	5	0.05	18
B00395800	42	0.62	577	3	0.61	8	0.05	14
B00395801	8	0.50	495	1	3.04	4	0.05	15
B00395802	17	0.52	491	2	2.83	4	0.05	10
B00395803	17	0.52	481	2	3.01	4	0.06	12
B00395804	13	0.50	504	2	3.09	5	0.06	16
B00395805	12	0.49	494	2	2.97	5	0.05	16
B00395806	11	0.51	479	2	3.08	6	0.06	17
B00395807	11	0.47	461	2	2.94	4	0.05	17
B00395808	14	0.63	494	2	3.82	5	0.06	10
B00395809	6	0.52	484	1	3.08	4	0.06	14
B00395810	8	0.53	287	<1	2.94	19	0.02	9
B00395811	7	0.50	464	1	2.92	5	0.05	13
B00395812	5	0.48	454	2	3.15	4	0.05	16
B00395813	6	0.48	448	<1	3.22	4	0.05	17
B00395814	6	0.48	446	2	3.04	5	0.05	16
B00395815	6	0.47	429	2	3.28	5	0.05	13
B00395816	9	0.47	422	2	3.11	5	0.05	13
B00395817	8	0.48	434	1	3.27	5	0.05	15
B00395818	8	0.46	447	2	3.02	4	0.05	18
B00395819	13	0.51	488	2	3.08	4	0.05	18
B00395820	45	0.87	594	6	0.74	9	0.06	16
B00395821	9	0.48	472	2	2.98	5	0.05	17
B00395822	9	0.47	464	1	3.07	4	0.05	13
B00395823	9	0.45	486	2	2.97	5	0.05	17
B00395824	7	0.22	627	3	1.95	5	0.05	8
B00395825	7	0.19	547	3	1.13	4	0.04	5
*Dup B00395825	7	0.19	541	2	1.20	4	0.04	5
B00395826	9	0.40	517	2	3.02	4	0.05	10
B00395827	12	0.43	512	4	3.09	4	0.05	11
B00395828	11	0.35	667	4	2.67	5	0.06	11
B00395829	11	0.46	560	7	3.26	5	0.06	8

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395830	12	0.47	564	9	3.34	5	0.06	8
B00395831	14	0.45	533	4	2.94	5	0.06	9
B00395832	13	0.49	452	5	3.16	4	0.06	12
B00395833	14	0.50	523	6	3.17	5	0.06	15
B00395834	18	0.47	471	6	3.12	5	0.06	10
B00395835	14	0.52	532	7	3.19	5	0.06	14
B00395836	12	0.51	534	4	3.21	5	0.06	26
B00395837	13	0.51	546	6	3.09	5	0.06	15
B00395838	12	0.50	519	3	3.21	4	0.06	15
B00395839	12	0.51	551	3	3.25	5	0.06	15
B00395840	8	0.54	337	<1	2.96	19	0.02	10
B00395841	16	0.55	582	3	3.35	5	0.07	14
B00395842	15	0.52	557	2	3.22	5	0.07	13
B00395843	12	0.47	492	4	2.83	4	0.05	13
B00395844	15	0.47	476	4	2.89	5	0.05	32
B00395845	12	0.46	457	5	2.69	4	0.05	14
B00395846	9	0.47	468	4	2.99	4	0.05	13
B00395847	14	0.44	412	5	3.03	4	0.05	11
B00395848	14	0.45	406	3	3.05	4	0.05	23
B00395849	13	0.47	443	4	3.10	4	0.05	15
B00395850	118	0.70	2942	201	0.71	3	0.43	5
B00395851	12	0.46	467	7	3.08	4	0.05	24
B00395852	11	0.46	440	2	3.09	4	0.05	13
B00395853	12	0.44	431	1	2.93	4	0.05	20
B00395854	10	0.45	436	2	2.95	4	0.05	27
B00395855	12	0.47	435	1	3.04	4	0.05	13
B00395856	14	0.51	488	<1	3.24	5	0.06	12
B00395857	15	0.49	484	2	3.24	4	0.06	13
B00395858	16	0.47	455	1	3.05	4	0.06	10
B00395859	17	0.51	519	2	3.27	4	0.06	12
B00395860	17	0.50	509	2	3.19	5	0.06	12
B00395861	15	0.51	541	1	3.20	4	0.06	12
B00395862	14	0.51	544	1	3.22	5	0.06	12
B00395863	14	0.47	433	1	3.13	4	0.06	17
B00395864	14	0.48	462	2	3.00	4	0.05	13

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00395824	7	0.22	623	3	1.96	4	0.05	9
*Rep B00395851	11	0.45	469	5	3.06	4	0.05	23
*Std OREAS-602	20	0.20	231	5	0.45	64	0.06	1084
*Std RTS-3A	15	2.55	1577	3	0.70	51	0.05	211
*Std OREAS-602	19	0.20	224	5	0.44	54	0.05	1044
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395791	0.19	<5	6.7	<10	203	0.25	33	<10
B00395792	0.17	<5	7.1	<10	209	0.25	33	<10
B00395793	0.22	<5	7.0	<10	157	0.22	34	<10
B00395794	0.09	<5	6.9	<10	228	0.25	32	<10
B00395795	0.40	<5	6.9	<10	151	0.21	31	<10
B00395796	0.30	<5	6.8	<10	193	0.23	34	<10
B00395797	0.29	<5	7.1	<10	226	0.24	34	<10
B00395798	0.36	<5	6.8	<10	209	0.24	33	<10
B00395799	0.55	<5	6.4	<10	149	0.21	31	<10
B00395800	0.65	<5	7.0	<10	238	0.17	62	<10
B00395801	0.04	<5	6.6	<10	218	0.23	31	<10
B00395802	0.01	<5	6.7	<10	164	0.23	32	<10
B00395803	0.09	<5	6.7	<10	207	0.24	31	<10
B00395804	0.07	<5	6.6	<10	229	0.24	31	<10
B00395805	0.05	<5	6.8	<10	233	0.24	31	<10
B00395806	0.03	<5	6.7	<10	227	0.25	32	<10
B00395807	0.12	<5	6.7	<10	207	0.24	31	<10
B00395808	0.04	<5	6.8	<10	116	0.23	32	<10
B00395809	<0.01	<5	6.8	<10	172	0.24	31	<10
B00395810	<0.01	<5	5.7	<10	374	0.14	39	<10
B00395811	0.03	<5	6.7	<10	179	0.23	31	22
B00395812	0.03	<5	6.4	<10	195	0.23	30	<10
B00395813	0.03	<5	6.7	<10	190	0.23	30	<10
B00395814	0.02	<5	6.7	<10	223	0.23	31	<10
B00395815	0.03	<5	6.5	<10	192	0.22	30	<10
B00395816	0.21	<5	6.8	<10	165	0.22	32	<10
B00395817	0.10	<5	6.4	<10	253	0.22	31	<10
B00395818	0.16	<5	6.4	<10	220	0.22	30	<10
B00395819	0.28	<5	6.5	<10	176	0.23	30	<10
B00395820	0.83	<5	10.2	<10	235	0.23	83	<10
B00395821	0.04	<5	6.7	<10	246	0.24	28	<10
B00395822	0.08	<5	6.6	<10	219	0.23	30	<10
B00395823	<0.01	<5	6.4	<10	222	0.22	30	11
B00395824	<0.01	<5	6.7	<10	60.2	0.18	30	14
B00395825	<0.01	<5	5.1	<10	38.0	0.13	26	<10
*Dup B00395825	0.01	<5	5.3	<10	39.9	0.12	24	<10
B00395826	0.21	<5	6.3	<10	221	0.17	29	<10
B00395827	0.13	<5	6.3	<10	260	0.18	28	16
B00395828	0.08	<5	6.1	<10	169	0.14	29	88
B00395829	0.48	<5	5.9	<10	186	0.15	28	22

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395830	0.48	<5	5.8	<10	191	0.15	27	20
B00395831	0.67	<5	5.4	<10	210	0.18	26	<10
B00395832	0.56	<5	5.8	<10	241	0.23	25	<10
B00395833	0.60	<5	5.9	<10	250	0.24	25	<10
B00395834	0.66	<5	5.8	<10	207	0.23	27	<10
B00395835	0.50	<5	6.1	<10	264	0.25	28	<10
B00395836	0.53	<5	6.1	<10	266	0.24	28	<10
B00395837	0.56	<5	6.1	<10	274	0.25	29	<10
B00395838	0.52	<5	6.0	<10	277	0.24	27	<10
B00395839	0.58	<5	6.4	<10	268	0.24	29	<10
B00395840	<0.01	<5	5.9	<10	398	0.15	38	<10
B00395841	0.62	<5	6.5	<10	275	0.25	30	<10
B00395842	0.55	<5	6.1	<10	269	0.25	29	<10
B00395843	0.47	<5	6.0	<10	236	0.21	25	<10
B00395844	0.96	<5	5.8	<10	203	0.21	25	<10
B00395845	0.51	<5	5.9	<10	222	0.20	24	<10
B00395846	0.42	<5	5.7	<10	214	0.22	23	<10
B00395847	0.57	<5	5.4	<10	228	0.18	24	<10
B00395848	0.46	<5	5.6	<10	242	0.19	24	<10
B00395849	0.36	<5	5.8	<10	234	0.22	26	<10
B00395850	0.65	<5	6.5	76	113	0.12	47	1490
B00395851	0.35	<5	5.5	<10	245	0.18	24	<10
B00395852	0.43	<5	5.8	<10	237	0.21	24	<10
B00395853	0.65	<5	5.5	<10	203	0.16	24	<10
B00395854	0.51	<5	5.4	<10	233	0.18	23	26
B00395855	0.52	<5	5.7	<10	232	0.22	24	<10
B00395856	0.52	<5	5.9	<10	251	0.24	25	<10
B00395857	0.56	<5	5.7	<10	253	0.23	25	<10
B00395858	0.69	<5	5.5	<10	215	0.22	24	<10
B00395859	0.39	<5	5.8	<10	263	0.24	26	<10
B00395860	0.39	<5	5.7	<10	261	0.24	25	<10
B00395861	0.27	<5	5.6	<10	276	0.24	25	<10
B00395862	0.24	<5	5.7	<10	269	0.24	25	<10
B00395863	0.63	<5	5.9	<10	210	0.23	25	116
B00395864	0.53	<5	5.9	<10	245	0.23	25	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395824	<0.01	<5	6.5	<10	60.6	0.18	30	13
*Rep B00395851	0.35	<5	5.4	<10	245	0.17	24	<10
*Std OREAS-602	2.14	83	4.2	<10	468	0.20	36	19
*Std RTS-3A	>5.00	<5	15.0	39	45.9	0.29	111	<10
*Std OREAS-602	2.06	79	4.0	<10	441	0.19	31	<10
*Std RTS-3A	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395791	19.5	53	184	<0.05
B00395792	21.7	54	187	0.06
B00395793	21.7	66	191	<0.05
B00395794	21.3	60	178	<0.05
B00395795	19.2	50	184	0.09
B00395796	21.1	62	180	0.19
B00395797	21.0	66	200	<0.05
B00395798	19.9	60	192	<0.05
B00395799	19.5	51	180	0.17
B00395800	6.9	36	47.5	1.99
B00395801	19.7	53	184	<0.05
B00395802	19.8	55	182	<0.05
B00395803	20.0	58	192	<0.05
B00395804	20.0	57	194	<0.05
B00395805	20.4	59	185	<0.05
B00395806	21.1	58	196	<0.05
B00395807	21.4	57	164	0.45
B00395808	21.4	48	210	<0.05
B00395809	21.2	61	194	<0.05
B00395810	5.7	23	41.0	0.19
B00395811	20.7	54	183	0.06
B00395812	20.7	51	182	<0.05
B00395813	21.5	53	178	<0.05
B00395814	21.8	52	182	<0.05
B00395815	20.1	48	181	<0.05
B00395816	21.3	76	186	<0.05
B00395817	21.7	55	179	<0.05
B00395818	22.4	55	180	0.07
B00395819	20.8	79	186	<0.05
B00395820	7.6	49	52.0	2.22
B00395821	21.1	53	174	<0.05
B00395822	20.5	47	179	<0.05
B00395823	21.2	58	171	<0.05
B00395824	17.4	19	179	<0.05
B00395825	12.8	17	138	<0.05
*Dup B00395825	12.9	17	136	<0.05
B00395826	15.0	40	166	<0.05
B00395827	14.3	40	181	<0.05
B00395828	14.7	31	178	<0.05
B00395829	14.3	49	177	<0.05

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395830	13.7	50	175	<0.05
B00395831	14.3	53	160	<0.05
B00395832	18.9	63	191	<0.05
B00395833	18.7	67	178	<0.05
B00395834	17.9	59	173	<0.05
B00395835	19.5	70	184	<0.05
B00395836	19.1	77	178	<0.05
B00395837	19.1	76	177	<0.05
B00395838	18.3	90	178	<0.05
B00395839	19.9	80	181	<0.05
B00395840	6.2	22	39.7	<0.05
B00395841	21.6	71	191	<0.05
B00395842	20.1	68	186	<0.05
B00395843	18.5	63	177	<0.05
B00395844	20.0	63	184	0.06
B00395845	17.3	56	168	0.32
B00395846	18.1	59	178	0.06
B00395847	15.0	55	184	0.12
B00395848	14.3	68	187	<0.05
B00395849	17.3	64	177	<0.05
B00395850	7.5	295	26.3	0.28
B00395851	14.6	65	178	0.08
B00395852	16.7	56	180	<0.05
B00395853	13.2	61	178	0.06
B00395854	14.6	54	176	1.06
B00395855	16.8	64	180	<0.05
B00395856	16.8	55	187	<0.05
B00395857	17.0	56	180	<0.05
B00395858	17.8	49	183	0.08
B00395859	18.5	59	195	<0.05
B00395860	18.1	56	183	<0.05
B00395861	19.0	64	196	<0.05
B00395862	19.0	59	193	<0.05
B00395863	18.3	76	179	0.07
B00395864	17.6	63	174	<0.05

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
*Rep B00395824	16.9	18	184	0.05
*Rep B00395851	14.5	63	179	0.25
*Std OREAS-602	5.7	4291	82.4	36.80
*Std RTS-3A	11.4	3136	64.9	2.04
*Std OREAS-602	5.8	4051	82.2	36.70
*Std RTS-3A	N.A.	N.A.	N.A.	2.16
*Bik BLANK	<0.5	<1	<0.5	<0.05

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Certificate of Analysis
Work Order : VD1900574
[Report File No.: 000022132]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 76
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
76	SHIP	Shipping
73	G_WGH79	Weighing of samples and reporting of weights
76	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
76	GE_FAA515	@Au, FAS, AAS, 50g-5ml
76	GE_ICP40B	@ICP-OES after Multi-Acid Digest
76	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
1	GO_FAG505	@Au 0.5 ppm 50g, Fire assay, gravimetric finish

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Assays not suitable for commercial exchange.
 Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395865	1.913	0.212	<2	7.73	4	647	1.8	<5
B00395866	2.139	0.060	<2	7.70	<3	611	1.8	<5
B00395867	2.072	0.064	<2	7.73	6	616	1.9	<5
B00395868	1.075	0.022	<2	6.70	32	654	1.5	<5
B00395869	1.025	0.034	<2	7.47	6	821	1.7	<5
B00395870	0.217	<0.005	<2	6.45	<3	370	0.9	<5
B00395871	2.064	0.016	<2	7.70	6	781	1.5	<5
B00395872	2.093	0.023	<2	7.51	6	738	1.5	<5
B00395873	2.244	0.089	<2	7.63	3	726	1.7	<5
B00395874	1.944	0.043	<2	7.75	4	726	1.7	<5
B00395875	2.046	0.074	<2	7.63	4	658	1.7	<5
B00395876	2.135	0.047	<2	7.86	3	650	1.8	<5
B00395877	1.751	0.010	<2	7.73	4	657	1.7	<5
B00395878	1.023	0.362	<2	7.30	30	575	1.6	<5
B00395879	1.277	0.099	<2	7.68	4	670	1.7	<5
B00395880	0.063	0.376	<2	4.94	334	178	0.8	<5
B00395881	2.042	0.101	<2	7.74	<3	650	1.8	<5
B00395882	2.074	0.104	<2	7.63	4	636	1.8	<5
B00395883	2.033	0.093	<2	7.65	3	637	1.8	<5
B00395884	2.845	0.046	<2	7.63	4	644	1.7	<5
B00395885	1.578	0.231	<2	7.84	8	638	1.9	<5
B00395886	1.285	0.052	<2	7.55	5	628	1.7	<5
B00395887	1.564	0.110	<2	7.58	11	636	1.8	<5
B00395888	1.395	0.041	<2	7.52	41	574	1.7	<5
B00395889	2.230	0.058	<2	7.74	3	646	1.9	<5
B00395890	N.A.	0.035	<2	7.79	3	658	1.9	<5
B00395891	2.503	0.177	<2	7.53	4	623	1.8	<5
B00395892	1.621	0.140	<2	7.36	5	602	1.7	<5
B00395893	1.723	0.277	<2	5.64	610	430	1.3	<5
B00395894	1.995	0.043	<2	7.42	6	643	1.8	<5
B00395895	2.663	0.046	<2	7.59	4	625	1.8	<5
B00395896	0.668	0.116	<2	7.29	78	600	1.8	<5
B00395897	2.810	0.080	<2	7.68	4	640	1.8	<5
B00395898	2.462	0.038	<2	7.32	<3	621	1.6	<5
B00395899	3.130	0.063	<2	7.80	14	503	1.7	<5
*Dup B00395899	N.A.	0.126	<2	7.90	10	583	1.7	<5
B00395900	0.239	<0.005	<2	6.16	<3	355	0.9	<5
B00395901	2.600	0.013	<2	7.48	4	606	1.7	<5
B00395902	2.061	<0.005	<2	7.33	4	589	1.7	<5
B00395903	2.068	0.068	<2	7.24	<3	603	1.6	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00395904	2.425	0.032	<2	7.29	<3	609	1.7	<5
B00395905	1.687	0.029	<2	7.37	3	599	1.7	<5
B00395906	1.212	0.121	<2	7.28	<3	594	1.7	<5
B00395907	2.651	0.219	<2	7.25	<3	591	1.6	<5
B00395908	2.039	0.017	<2	7.34	<3	589	1.7	<5
B00395909	2.121	0.018	<2	7.11	3	581	1.7	<5
B00395910	0.073	2.566	4	3.65	16	196	0.7	<5
B00395911	2.173	0.262	<2	7.25	3	594	2.0	<5
B00395912	1.807	0.024	<2	7.27	9	646	1.5	<5
B00395913	1.841	0.053	<2	7.13	8	615	1.4	<5
B00395914	2.406	0.118	<2	7.87	9	774	1.7	<5
B00395915	1.431	0.054	<2	7.15	5	616	1.6	<5
B00395916	1.867	0.082	<2	7.31	<3	603	1.7	<5
B00395917	2.990	0.015	<2	7.20	4	624	1.6	<5
B00395918	2.444	0.021	<2	7.21	33	623	1.6	<5
B00395919	1.991	0.021	<2	7.27	36	639	1.6	<5
B00395920	N.A.	0.019	<2	7.53	29	643	1.6	<5
B00395921	2.205	0.021	<2	7.07	5	603	1.6	<5
B00395922	2.196	0.007	<2	6.97	6	570	1.8	<5
B00395923	2.279	0.269	<2	7.21	6	628	1.7	<5
B00395924	1.430	0.013	<2	7.08	4	647	1.6	<5
B00395925	1.922	0.026	<2	7.16	6	580	1.6	<5
B00395926	1.785	0.017	<2	6.77	16	462	1.3	<5
B00395927	1.904	0.094	<2	7.06	9	581	1.6	<5
B00395928	1.375	>10.00	<2	6.29	79	545	1.4	13
B00395929	1.605	0.039	<2	7.10	5	587	1.6	<5
B00395930	0.231	<0.005	<2	6.31	<3	368	0.9	<5
B00395931	0.876	0.345	<2	6.62	73	594	1.5	<5
B00395932	1.933	0.010	<2	7.11	4	620	1.6	<5
B00395933	2.919	0.023	<2	7.22	6	566	1.6	<5
B00395934	2.706	0.012	<2	7.15	3	643	1.6	<5
B00395935	2.003	0.032	<2	7.45	<3	640	1.6	<5
B00395936	2.070	0.019	<2	7.42	3	640	1.6	<5
B00395937	2.175	0.019	<2	7.36	4	646	1.6	<5
B00395938	1.438	0.014	<2	6.69	5	437	1.3	<5
B00395939	1.393	0.021	<2	6.89	<3	396	1.3	<5
*Rep B00395909		0.024						
*Std OREAS-503D		0.668						
*Std OREAS-221		1.088						
*Std OREAS-522		0.565						

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Blk BLANK		<0.005						
*Rep B00395892			<2	7.49	3	609	1.7	<5
*Rep B00395906			<2	7.31	3	586	1.7	<5
*Std OREAS-602			>100	4.39	653	150	0.8	56
*Std RTS-3A			10	4.98	22	100	<0.5	27
*Std OREAS-602			>100	4.60	621	166	0.7	58
*Std RTS-3A			9	4.96	18	99	<0.5	26
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5
B00395940	N.A.	0.017	<2	6.96	<3	412	1.3	<5
*Dup B00395940	N.A.	0.038	<2	6.89	<3	395	1.4	<5
*Rep B00395939			<2	6.72	<3	389	1.3	<5
*Rep B00395904		0.045						
*Rep B00395940		0.022						

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395865	2.03	<1	5	12	20.6	2.97	2.04	32.1
B00395866	2.09	<1	5	8	17.8	3.00	1.87	32.9
B00395867	2.06	<1	5	9	27.5	3.03	1.81	33.2
B00395868	1.77	<1	5	11	50.7	2.65	1.91	27.0
B00395869	1.75	<1	5	10	38.9	2.87	2.45	31.4
B00395870	1.70	<1	5	30	5.5	1.97	1.24	8.0
B00395871	1.72	<1	5	10	21.4	2.98	2.71	32.1
B00395872	1.75	<1	4	7	22.7	2.88	2.52	32.1
B00395873	1.74	<1	5	9	33.4	3.00	2.34	32.5
B00395874	1.81	<1	5	9	46.1	2.93	2.16	32.9
B00395875	1.93	<1	5	10	32.6	2.95	2.05	32.7
B00395876	2.02	<1	5	10	36.4	3.18	2.24	31.6
B00395877	1.92	<1	5	10	24.7	3.01	2.37	32.6
B00395878	1.49	<1	6	12	34.2	2.79	2.10	30.5
B00395879	1.91	<1	5	8	34.9	3.05	2.24	32.9
B00395880	3.74	<1	358	27	6106	>15.0	3.13	114
B00395881	1.94	<1	5	8	17.2	2.90	2.25	32.4
B00395882	1.94	<1	5	9	12.9	2.98	2.29	30.7
B00395883	1.88	<1	5	7	14.2	2.92	2.42	31.4
B00395884	1.88	<1	5	8	17.3	2.93	2.39	31.5
B00395885	1.99	<1	5	6	22.6	2.80	2.22	31.7
B00395886	1.88	<1	5	8	27.1	3.02	2.17	32.0
B00395887	1.88	<1	5	9	40.7	2.91	2.03	31.2
B00395888	1.66	<1	5	10	50.9	2.79	2.09	31.4
B00395889	1.87	<1	5	10	26.5	3.11	2.15	31.5
B00395890	1.92	<1	5	9	26.4	3.05	2.18	33.4
B00395891	1.83	<1	5	8	12.9	2.91	2.26	31.6
B00395892	1.87	<1	5	9	13.1	2.95	2.09	30.4
B00395893	2.50	<1	21	11	508	3.55	1.53	24.8
B00395894	1.86	<1	5	10	17.1	2.95	2.18	31.4
B00395895	1.84	<1	5	9	12.6	3.02	2.25	31.3
B00395896	1.80	<1	6	8	13.4	2.91	2.13	30.4
B00395897	1.95	<1	5	7	16.8	3.03	2.26	31.1
B00395898	1.84	<1	4	4	23.5	2.92	2.16	30.6
B00395899	1.86	<1	5	12	36.2	2.75	2.14	30.0
*Dup B00395899	1.89	<1	4	6	32.2	2.84	2.13	29.7
B00395900	1.63	<1	5	30	5.3	1.87	1.16	7.7
B00395901	1.81	<1	4	10	14.6	2.81	1.41	33.0
B00395902	1.76	<1	4	9	17.5	2.69	2.36	31.5
B00395903	1.76	<1	4	11	19.8	2.77	2.39	31.6

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395904	1.77	<1	5	19	31.1	2.78	2.46	31.1
B00395905	1.80	<1	4	10	19.5	2.74	2.33	31.5
B00395906	1.72	<1	4	12	17.4	2.77	2.44	31.8
B00395907	1.71	<1	4	10	19.3	2.71	2.38	30.0
B00395908	1.74	<1	4	13	13.6	2.74	2.42	31.6
B00395909	1.71	<1	4	12	8.5	2.73	2.31	31.2
B00395910	9.43	<1	7	9	69.7	1.93	1.48	8.1
B00395911	1.74	<1	4	10	11.3	2.71	2.34	32.6
B00395912	2.01	<1	5	8	44.1	2.36	2.39	32.7
B00395913	1.74	<1	4	10	20.6	2.70	2.47	31.4
B00395914	2.56	<1	4	10	24.5	2.57	2.85	34.3
B00395915	1.77	<1	5	12	15.7	2.77	2.27	32.0
B00395916	1.80	<1	5	13	17.4	2.91	2.23	32.7
B00395917	1.76	<1	5	17	16.7	2.79	2.35	33.1
B00395918	1.81	<1	4	15	15.1	2.81	2.27	33.5
B00395919	1.84	<1	4	15	17.3	2.70	2.41	34.3
B00395920	1.88	<1	4	13	16.9	2.66	2.43	33.2
B00395921	1.72	<1	4	13	11.9	2.70	2.29	32.6
B00395922	1.80	<1	4	14	10.2	2.69	1.98	31.4
B00395923	1.76	<1	5	15	24.6	2.64	2.28	33.0
B00395924	1.75	<1	5	13	20.4	2.71	2.36	32.4
B00395925	1.93	<1	4	12	21.5	2.76	2.00	33.2
B00395926	1.70	<1	4	14	21.1	2.48	2.04	32.4
B00395927	1.80	<1	4	10	37.2	2.63	1.81	31.2
B00395928	1.61	<1	6	16	48.9	2.74	1.66	29.1
B00395929	1.80	<1	5	13	48.1	2.66	1.82	31.0
B00395930	1.65	<1	5	26	6.5	1.85	1.18	7.6
B00395931	1.71	<1	5	13	40.9	2.65	1.82	29.2
B00395932	1.79	<1	4	14	13.3	2.64	2.24	32.5
B00395933	1.85	<1	5	15	20.0	2.69	2.18	32.5
B00395934	1.84	<1	4	17	19.0	2.79	2.41	32.7
B00395935	1.87	<1	5	12	20.0	2.79	2.38	33.5
B00395936	1.98	<1	4	13	20.1	2.81	2.44	32.8
B00395937	1.78	<1	5	15	22.0	2.90	2.51	34.0
B00395938	1.71	<1	5	16	39.8	2.64	1.43	29.1
B00395939	1.92	<1	4	17	42.5	2.53	1.31	28.4

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00395892	1.90	<1	5	8	13.7	3.02	2.10	30.5
*Rep B00395906	1.73	<1	4	12	16.9	2.78	2.44	31.3
*Std OREAS-602	0.60	25	10	25	5071	2.25	0.64	14.6
*Std RTS-3A	1.91	8	124	146	2239	>15.0	0.43	8.1
*Std OREAS-602	0.63	25	10	27	5261	2.28	0.69	14.9
*Std RTS-3A	1.91	8	123	130	2235	>15.0	0.43	9.4
*Bik BLANK	<0.01	<1	<1	<1	0.6	<0.01	<0.01	<0.5
B00395940	1.73	<1	4	10	39.7	2.53	1.36	29.0
*Dup B00395940	1.77	<1	4	15	39.8	2.51	1.32	29.2
*Rep B00395939	1.88	<1	4	14	43.1	2.49	1.28	28.3

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00395865	15	0.51	472	<1	3.10	5	0.06	13
B00395866	14	0.54	518	<1	3.11	5	0.06	12
B00395867	11	0.51	526	<1	3.19	5	0.06	54
B00395868	11	0.44	390	1	2.69	5	0.05	13
B00395869	9	0.49	437	2	2.93	5	0.05	16
B00395870	8	0.55	293	<1	2.86	19	0.02	9
B00395871	9	0.51	451	21	3.04	5	0.06	12
B00395872	8	0.51	450	<1	3.03	5	0.05	13
B00395873	9	0.49	470	<1	3.01	5	0.05	14
B00395874	11	0.51	466	1	3.19	5	0.05	13
B00395875	9	0.50	486	1	3.08	5	0.05	13
B00395876	13	0.54	530	<1	3.13	5	0.05	14
B00395877	12	0.52	494	1	2.97	5	0.06	13
B00395878	8	0.40	575	1145	2.94	5	0.05	12
B00395879	11	0.50	479	2	3.09	5	0.05	12
B00395880	17	1.15	2995	131	1.04	59	0.08	7
B00395881	11	0.51	478	<1	3.04	5	0.05	13
B00395882	14	0.50	489	1	2.97	5	0.05	13
B00395883	12	0.49	476	1	2.93	5	0.05	13
B00395884	12	0.50	465	3	2.94	5	0.05	13
B00395885	12	0.49	463	16	3.14	4	0.06	10
B00395886	10	0.50	454	2	2.99	5	0.05	13
B00395887	12	0.50	397	4	3.04	5	0.05	11
B00395888	10	0.43	397	3	2.84	5	0.05	9
B00395889	11	0.52	445	2	3.06	5	0.05	11
B00395890	11	0.52	447	2	3.07	5	0.06	12
B00395891	10	0.51	465	2	2.90	5	0.05	13
B00395892	11	0.48	451	<1	2.94	5	0.05	10
B00395893	11	0.29	412	2	2.15	5	0.04	6
B00395894	12	0.51	469	<1	2.84	5	0.05	12
B00395895	12	0.51	481	<1	2.92	5	0.05	13
B00395896	9	0.48	434	35	2.74	5	0.05	13
B00395897	11	0.53	496	13	2.92	5	0.05	13
B00395898	11	0.51	474	<1	2.81	5	0.05	13
B00395899	13	0.49	379	7	3.16	5	0.05	12
*Dup B00395899	14	0.50	396	6	3.19	4	0.05	13
B00395900	7	0.54	279	<1	2.70	19	0.02	8
B00395901	12	0.49	458	1	2.84	5	0.04	14
B00395902	10	0.47	443	<1	2.81	4	0.04	15
B00395903	11	0.47	459	89	2.74	4	0.04	13

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395904	11	0.49	469	2	2.77	5	0.05	15
B00395905	12	0.48	455	3	2.80	4	0.04	14
B00395906	8	0.49	469	26	2.74	5	0.04	13
B00395907	9	0.47	453	1	2.73	5	0.04	17
B00395908	10	0.48	454	1	2.81	4	0.04	15
B00395909	9	0.47	447	1	2.73	5	0.04	15
B00395910	40	0.60	556	3	0.59	8	0.04	12
B00395911	8	0.48	459	1	2.76	4	0.04	17
B00395912	13	0.44	494	2	2.37	4	0.05	7
B00395913	12	0.48	522	109	2.24	4	0.04	8
B00395914	18	0.51	553	2	2.16	4	0.05	10
B00395915	11	0.50	433	2	2.66	4	0.05	13
B00395916	11	0.50	474	2	2.79	5	0.05	13
B00395917	11	0.50	465	3	2.64	5	0.05	14
B00395918	9	0.49	463	2	2.66	5	0.05	14
B00395919	12	0.47	461	2	2.60	5	0.04	12
B00395920	13	0.47	458	1	2.69	4	0.04	12
B00395921	7	0.48	455	1	2.59	5	0.04	16
B00395922	14	0.49	430	2	2.63	5	0.04	14
B00395923	14	0.48	422	24	2.56	5	0.04	11
B00395924	9	0.48	439	4	2.57	5	0.04	13
B00395925	12	0.48	464	2	2.70	5	0.04	11
B00395926	6	0.44	450	3	2.25	5	0.04	9
B00395927	14	0.48	407	2	2.74	4	0.04	8
B00395928	14	0.42	377	2	2.42	4	0.04	12
B00395929	15	0.47	321	3	2.80	5	0.04	12
B00395930	7	0.56	276	<1	2.74	19	0.02	9
B00395931	13	0.43	368	3	2.56	4	0.04	11
B00395932	10	0.47	437	4	2.61	5	0.04	13
B00395933	8	0.48	462	2	2.56	5	0.04	11
B00395934	8	0.50	458	9	2.54	5	0.04	12
B00395935	11	0.50	454	6	2.66	5	0.04	12
B00395936	11	0.50	488	11	2.67	5	0.04	14
B00395937	9	0.50	482	2	2.62	5	0.04	15
B00395938	11	0.44	445	5	3.13	7	0.04	7
B00395939	10	0.43	499	2	3.45	5	0.04	5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
*Rep B00395892	11	0.49	464	<1	3.00	5	0.05	10
*Rep B00395906	8	0.49	469	25	2.76	5	0.04	14
*Std OREAS-602	19	0.21	218	5	0.46	62	0.05	1068
*Std RTS-3A	14	2.42	1372	2	0.67	49	0.04	199
*Std OREAS-602	20	0.21	216	5	0.48	63	0.05	1017
*Std RTS-3A	14	2.44	1371	2	0.66	49	0.04	198
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
B00395940	10	0.43	459	1	3.43	4	0.04	5
*Dup B00395940	10	0.42	458	1	3.43	4	0.04	5
*Rep B00395939	10	0.41	490	1	3.36	4	0.04	6

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395865	0.53	<5	5.7	<10	239	0.22	27	<10
B00395866	0.33	<5	5.6	<10	247	0.22	27	<10
B00395867	0.38	<5	5.7	<10	228	0.22	26	<10
B00395868	0.53	<5	5.1	<10	166	0.18	24	<10
B00395869	0.48	<5	5.7	<10	183	0.21	27	34
B00395870	<0.01	<5	5.5	<10	376	0.13	39	<10
B00395871	0.31	<5	5.8	<10	144	0.21	27	196
B00395872	0.33	<5	5.7	<10	145	0.21	25	12
B00395873	0.50	<5	5.7	<10	198	0.21	24	11
B00395874	0.51	<5	5.8	<10	176	0.21	27	<10
B00395875	0.49	<5	5.9	<10	236	0.22	27	<10
B00395876	0.44	<5	5.7	<10	263	0.22	26	<10
B00395877	0.32	<5	5.8	<10	254	0.22	27	<10
B00395878	0.44	<5	5.2	<10	146	0.16	26	154
B00395879	0.52	<5	5.6	<10	224	0.20	24	<10
B00395880	1.74	5	12.8	<10	146	0.32	203	81
B00395881	0.40	<5	5.7	<10	268	0.22	27	<10
B00395882	0.18	<5	5.6	<10	263	0.21	26	<10
B00395883	0.16	<5	5.6	<10	258	0.21	26	<10
B00395884	0.15	<5	5.8	<10	259	0.21	26	<10
B00395885	0.44	<5	6.1	<10	223	0.18	27	636
B00395886	0.52	<5	5.6	<10	243	0.21	25	<10
B00395887	0.58	<5	5.8	<10	237	0.17	26	<10
B00395888	0.61	<5	5.5	<10	176	0.15	26	<10
B00395889	0.54	<5	5.8	<10	237	0.21	26	<10
B00395890	0.55	<5	5.8	<10	236	0.21	27	<10
B00395891	0.23	<5	5.8	<10	244	0.21	27	25
B00395892	0.31	<5	5.4	<10	225	0.20	25	130
B00395893	1.76	<5	4.2	<10	97.3	0.11	21	<10
B00395894	0.34	<5	5.7	<10	238	0.21	27	<10
B00395895	0.28	<5	5.6	<10	247	0.21	26	<10
B00395896	0.27	<5	5.7	<10	225	0.20	25	405
B00395897	0.20	<5	5.8	<10	268	0.22	27	18
B00395898	0.29	<5	5.7	<10	247	0.21	25	<10
B00395899	0.48	<5	5.4	<10	210	0.21	26	24
*Dup B00395899	0.47	<5	5.7	<10	219	0.22	26	24
B00395900	<0.01	<5	5.4	<10	360	0.13	36	<10
B00395901	0.09	<5	6.4	<10	235	0.21	27	<10
B00395902	0.11	<5	6.0	<10	222	0.20	27	<10
B00395903	0.12	<5	6.0	<10	214	0.20	27	<10

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395904	0.24	<5	6.3	<10	217	0.21	29	<10
B00395905	0.07	<5	6.3	<10	226	0.21	27	<10
B00395906	0.17	<5	6.1	<10	218	0.21	27	<10
B00395907	0.20	<5	6.0	<10	220	0.20	27	<10
B00395908	0.07	<5	6.2	<10	216	0.21	28	<10
B00395909	0.08	<5	6.1	<10	216	0.20	27	<10
B00395910	0.57	<5	6.5	<10	238	0.15	62	<10
B00395911	0.07	<5	6.3	<10	211	0.21	26	<10
B00395912	0.47	<5	6.1	<10	131	0.15	28	<10
B00395913	0.20	<5	6.0	<10	127	0.16	27	<10
B00395914	0.28	<5	7.1	<10	157	0.19	31	<10
B00395915	0.15	<5	6.3	<10	227	0.21	28	<10
B00395916	0.18	<5	6.3	<10	228	0.22	28	<10
B00395917	0.16	<5	6.3	<10	223	0.21	29	<10
B00395918	0.06	<5	6.3	<10	219	0.21	28	<10
B00395919	0.07	<5	6.3	<10	189	0.20	27	<10
B00395920	0.08	<5	6.3	<10	202	0.20	24	<10
B00395921	0.03	<5	6.2	<10	220	0.20	27	<10
B00395922	0.05	<5	6.0	<10	190	0.18	26	<10
B00395923	0.16	<5	6.2	<10	181	0.16	28	<10
B00395924	0.10	<5	6.0	<10	211	0.18	27	<10
B00395925	0.12	<5	6.1	<10	204	0.17	26	<10
B00395926	0.10	<5	5.7	<10	157	0.15	26	<10
B00395927	0.47	<5	6.2	<10	201	0.15	27	<10
B00395928	0.57	<5	5.6	<10	183	0.16	24	<10
B00395929	0.59	<5	6.1	<10	208	0.17	27	<10
B00395930	<0.01	<5	5.4	<10	367	0.13	37	<10
B00395931	0.45	<5	5.8	<10	206	0.17	25	<10
B00395932	0.10	<5	6.1	<10	226	0.20	27	<10
B00395933	0.18	<5	6.3	<10	205	0.18	28	<10
B00395934	0.13	<5	6.3	<10	207	0.20	27	<10
B00395935	0.21	<5	6.5	<10	215	0.21	29	<10
B00395936	0.14	<5	6.4	<10	214	0.21	29	<10
B00395937	0.06	<5	6.4	<10	225	0.21	28	<10
B00395938	0.55	<5	5.8	<10	152	0.17	27	<10
B00395939	0.53	<5	5.7	<10	149	0.18	27	<10

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
*Rep B00395892	0.31	<5	5.5	<10	225	0.20	25	129
*Rep B00395906	0.17	<5	6.0	<10	218	0.21	27	<10
*Std OREAS-602	2.05	80	4.0	<10	443	0.19	33	<10
*Std RTS-3A	>5.00	<5	14.3	36	45.0	0.27	107	<10
*Std OREAS-602	2.02	79	4.0	<10	461	0.19	32	<10
*Std RTS-3A	>5.00	<5	14.1	36	44.3	0.28	103	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
B00395940	0.50	<5	5.7	<10	146	0.18	27	<10
*Dup B00395940	0.53	<5	5.7	<10	142	0.18	27	<10
*Rep B00395939	0.54	<5	5.6	<10	146	0.18	25	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm
B00395865	17.5	65	185	0.10	N.A.
B00395866	18.5	67	180	0.06	N.A.
B00395867	18.3	69	192	<0.05	N.A.
B00395868	17.6	59	162	<0.05	N.A.
B00395869	19.2	65	180	<0.05	N.A.
B00395870	5.9	20	42.7	<0.05	N.A.
B00395871	19.5	57	184	<0.05	N.A.
B00395872	17.7	61	182	0.05	N.A.
B00395873	18.5	60	188	<0.05	N.A.
B00395874	18.5	62	182	<0.05	N.A.
B00395875	19.0	62	191	<0.05	N.A.
B00395876	19.4	70	184	<0.05	N.A.
B00395877	19.8	62	182	<0.05	N.A.
B00395878	15.0	56	182	0.25	N.A.
B00395879	17.7	66	174	0.06	N.A.
B00395880	17.9	20	120	0.78	N.A.
B00395881	19.0	58	189	<0.05	N.A.
B00395882	19.0	55	179	<0.05	N.A.
B00395883	19.4	51	174	<0.05	N.A.
B00395884	19.2	51	170	0.07	N.A.
B00395885	19.3	54	182	0.14	N.A.
B00395886	18.4	56	179	<0.05	N.A.
B00395887	15.8	57	180	<0.05	N.A.
B00395888	13.8	36	181	0.06	N.A.
B00395889	18.9	60	191	<0.05	N.A.
B00395890	18.8	60	190	<0.05	N.A.
B00395891	19.2	54	179	0.06	N.A.
B00395892	17.0	52	172	0.09	N.A.
B00395893	12.4	47	135	0.16	N.A.
B00395894	17.3	53	182	<0.05	N.A.
B00395895	18.5	58	180	<0.05	N.A.
B00395896	18.7	47	185	0.11	N.A.
B00395897	19.0	58	179	<0.05	N.A.
B00395898	18.2	56	176	<0.05	N.A.
B00395899	17.4	51	171	<0.05	N.A.
*Dup B00395899	17.6	52	171	<0.05	N.A.
B00395900	5.5	20	40.6	<0.05	N.A.
B00395901	19.1	50	168	<0.05	N.A.
B00395902	20.4	47	176	<0.05	N.A.
B00395903	20.0	49	166	0.07	N.A.

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te	@Au
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm	GO_FAG505 0.5 ppm
B00395904	21.3	57	172	<0.05	N.A.
B00395905	19.4	47	161	<0.05	N.A.
B00395906	20.8	53	162	<0.05	N.A.
B00395907	20.3	76	168	0.11	N.A.
B00395908	21.2	53	166	<0.05	N.A.
B00395909	21.4	55	172	<0.05	N.A.
B00395910	6.6	35	46.7	1.72	N.A.
B00395911	23.2	56	172	0.05	N.A.
B00395912	13.7	33	174	<0.05	N.A.
B00395913	12.7	32	166	<0.05	N.A.
B00395914	16.8	45	181	<0.05	N.A.
B00395915	19.3	56	163	<0.05	N.A.
B00395916	19.9	54	172	<0.05	N.A.
B00395917	19.5	53	173	<0.05	N.A.
B00395918	19.0	50	174	<0.05	N.A.
B00395919	18.6	48	172	<0.05	N.A.
B00395920	18.4	50	175	<0.05	N.A.
B00395921	20.1	57	168	<0.05	N.A.
B00395922	18.1	51	171	<0.05	N.A.
B00395923	14.3	45	177	0.07	N.A.
B00395924	16.4	47	170	0.05	N.A.
B00395925	15.9	49	174	<0.05	N.A.
B00395926	13.6	53	169	<0.05	N.A.
B00395927	13.4	52	165	<0.05	N.A.
B00395928	12.2	106	146	4.83	8.57
B00395929	13.7	50	165	0.08	N.A.
B00395930	5.4	20	37.0	<0.05	N.A.
B00395931	13.3	44	148	0.08	N.A.
B00395932	17.0	50	169	<0.05	N.A.
B00395933	16.8	46	171	<0.05	N.A.
B00395934	18.2	47	167	<0.05	N.A.
B00395935	18.9	62	171	<0.05	N.A.
B00395936	19.7	57	176	<0.05	N.A.
B00395937	19.4	50	172	<0.05	N.A.
B00395938	14.4	34	155	<0.05	N.A.
B00395939	16.0	30	157	<0.05	N.A.

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Element Method Det.Lim. Units	@Y GE_ICP40B 0.5 ppm	@Zn GE_ICP40B 1 ppm	@Zr GE_ICP40B 0.5 ppm	@Te GE_ICM40B 0.05 ppm	@Au GO_FAG505 0.5 ppm
*Rep B00395892	17.3	51	177	<0.05	
*Rep B00395906	21.2	51	172	<0.05	
*Std OREAS-602	5.8	4209	83.9	36.51	
*Std RTS-3A	11.1	2641	65.8	1.99	
*Std OREAS-602	5.8	4189	81.6	35.91	
*Std RTS-3A	11.2	2629	63.8	2.13	
*Blk BLANK	<0.5	<1	<0.5	<0.05	
B00395940	15.5	29	159	<0.05	N.A.
*Dup B00395940	15.2	30	153	0.06	N.A.
*Rep B00395939	15.6	29	155		
*Rep B00395939				<0.05	
*Blk BLANK					<0.50
*Rep B00395928					15.10
*Std SN91					8.58

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Certificate of Analysis
Work Order : VD1900575
[Report File No.: 000022152]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: -
 Project No.: -
 Samples: 80
 Received: Sep 3, 2019
 Pages: Page 1 to 16
 (Inclusive of Cover Sheet)

Methods Summary

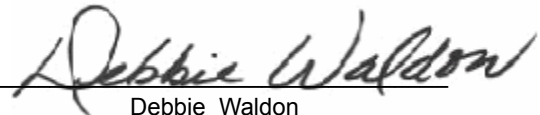
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
80	SHIP	Shipping
77	G_WGH79	Weighing of samples and reporting of weights
77	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
80	GE_FAA515	@Au, FAS, AAS, 50g-5ml
80	GE_ICP40B	@ICP-OES after Multi-Acid Digest
80	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
 Replicate/Duplicate results outside acceptance criteria due to high probability of coarse gold

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395941	1.323	0.020	<2	6.11	<3	516	1.3	<5
B00395942	1.724	0.046	<2	7.34	<3	626	1.7	<5
B00395943	1.914	0.097	<2	7.34	6	640	1.7	<5
B00395944	1.328	0.015	<2	7.46	28	618	1.8	<5
B00395945	1.538	0.204	<2	7.30	21	645	1.7	<5
B00395946	1.275	0.009	<2	7.27	4	613	1.7	<5
B00395947	2.174	0.017	<2	7.26	4	617	1.7	<5
B00395948	1.952	0.009	<2	7.44	5	635	1.7	<5
B00395949	2.081	0.006	<2	7.30	4	627	1.7	<5
B00395950	0.063	1.154	<2	6.11	10	67	0.6	8
B00395951	2.291	0.078	<2	7.19	18	588	1.6	<5
B00395952	2.094	0.083	<2	7.30	4	637	1.7	<5
B00395953	1.418	0.010	<2	7.43	4	664	1.7	<5
B00395954	0.492	0.879	<2	6.21	5	538	1.3	21
B00395955	1.939	0.009	<2	7.14	4	633	1.6	<5
B00395956	1.583	0.007	<2	7.33	<3	641	1.7	<5
B00395957	1.064	0.103	<2	7.24	4	625	1.6	28
B00395958	1.942	0.021	<2	7.32	4	589	1.7	<5
B00395959	1.007	0.070	<2	7.49	5	577	1.8	<5
B00395960	0.208	<0.005	<2	6.32	<3	369	0.9	<5
B00395961	1.223	0.017	<2	7.34	3	576	1.8	<5
B00395962	0.545	0.042	<2	7.51	<3	580	1.8	<5
B00395963	2.267	0.036	<2	7.26	<3	587	1.7	<5
B00395964	0.559	0.035	<2	7.59	3	648	1.7	<5
B00395965	1.333	0.018	<2	7.49	4	667	1.6	<5
B00395966	1.218	0.015	<2	7.42	4	653	1.6	<5
B00395967	1.283	0.079	<2	7.54	5	640	1.7	<5
B00395968	1.939	0.017	<2	7.36	4	630	1.9	<5
B00395969	1.449	0.037	<2	7.55	5	632	1.7	<5
B00395970	N.A.	0.031	<2	7.65	6	642	1.7	<5
B00395971	2.475	0.017	<2	7.38	5	629	1.6	<5
B00395972	1.826	0.012	<2	7.34	<3	590	1.7	<5
B00395973	1.750	0.034	<2	7.17	4	606	1.6	<5
B00395974	1.794	0.011	<2	7.51	3	676	1.6	<5
B00395975	1.911	0.027	<2	7.90	5	685	1.8	<5
*Dup B00395975	N.A.	0.008	<2	7.88	8	685	1.8	<5
B00395976	1.752	<0.005	<2	7.61	6	668	1.8	<5
B00395977	0.959	0.014	<2	7.81	4	692	1.8	<5
B00395978	1.806	0.009	<2	7.55	5	675	1.7	<5
B00395979	1.854	<0.005	<2	7.67	4	678	1.5	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 kg	@Au GE_FAA515 ppm	@Ag GE_ICP40B ppm	@Al GE_ICP40B %	@As GE_ICP40B ppm	@Ba GE_ICP40B ppm	@Be GE_ICP40B ppm	@Bi GE_ICP40B ppm
B00395980	0.067	0.354	<2	4.91	333	644	0.8	8
B00395981	1.769	0.017	<2	7.49	3	639	1.6	<5
B00395982	1.625	<0.005	<2	7.37	4	632	1.6	<5
B00395983	1.980	0.008	<2	7.42	4	641	1.7	<5
B00395984	1.989	0.009	<2	7.42	4	631	1.8	<5
B00395985	0.985	0.020	<2	7.39	4	626	1.7	<5
B00395986	1.349	0.008	<2	7.69	24	480	1.3	<5
B00395987	1.445	0.050	<2	7.07	165	427	1.2	<5
B00395988	1.785	0.016	<2	7.65	4	665	1.7	<5
B00395989	1.064	0.009	<2	7.49	6	671	1.7	<5
B00395990	0.270	<0.005	<2	6.26	<3	371	0.9	<5
B00395991	1.933	0.009	<2	7.53	<3	643	1.7	<5
B00395992	2.163	0.016	<2	7.61	3	650	1.7	<5
B00395993	2.231	0.009	<2	7.53	4	656	1.7	<5
B00395994	2.092	0.009	<2	7.48	4	631	1.6	<5
B00395995	1.956	0.008	<2	7.88	5	652	1.7	<5
B00395996	2.336	0.010	<2	7.80	<3	653	1.7	<5
B00395997	2.145	0.008	<2	7.81	5	657	1.7	<5
B00395998	0.528	0.007	<2	6.99	3	602	1.6	<5
B00395999	1.567	0.017	<2	7.63	4	645	1.7	<5
B00396000	N.A.	0.008	<2	7.51	4	655	1.7	<5
B00396001	2.004	0.015	<2	7.67	5	644	1.6	<5
B00396002	2.219	0.012	<2	7.54	5	653	1.6	<5
B00396003	1.458	0.026	<2	7.75	4	654	1.6	<5
B00396004	1.663	0.080	<2	7.32	51	600	1.7	<5
B00396005	1.132	0.012	<2	7.50	3	685	1.7	<5
B00396006	2.055	0.011	<2	7.49	4	648	1.7	<5
B00396007	2.315	0.020	<2	7.40	6	651	1.6	<5
B00396008	0.728	0.035	<2	7.39	101	604	1.5	<5
B00396009	0.721	0.086	<2	5.74	152	554	1.0	<5
B00396010	0.066	4.516	5	4.66	17	272	0.8	<5
B00396011	0.760	0.067	<2	7.50	138	728	1.4	<5
B00396012	1.932	0.011	<2	7.27	3	593	1.7	<5
B00396013	1.257	0.023	<2	8.02	262	652	1.5	<5
B00396014	0.967	0.013	<2	7.65	5	680	1.8	<5
B00396015	1.269	<0.005	<2	7.98	<3	730	1.8	<5
B00396016	1.222	0.014	<2	8.41	4	957	1.7	<5
B00396017	1.639	0.031	<2	7.71	<3	682	1.8	<5
B00396018	1.853	0.018	<2	7.51	4	667	1.8	<5
B00396019	1.905	0.024	<2	7.67	4	688	1.8	<5

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00396020	N.A.	0.020	<2	7.79	4	682	1.8	<5
*Rep B00395952		0.053						
*Rep B00395980		0.355						
*Rep B00396020		0.023						
*Std OREAS-217		0.342						
*Std OREAS-522		0.562						
*Std OREAS-221		1.065						
*Std OREAS-521		0.336						
*Blk BLANK		<0.005						
*Blk BLANK		<0.005						
*Rep B00395961			<2	7.39	4	577	1.8	<5
*Rep B00396008			<2	7.41	102	607	1.5	<5
*Rep B00396018			<2	7.68	<3	687	1.8	<5
*Std OREAS-602			>100	4.34	660	318	0.7	56
*Std RTS-3A			10	5.00	17	103	<0.5	32
*Std OREAS-602			>100	4.39	648	283	0.7	57
*Std RTS-3A			11	5.16	19	104	<0.5	35
*Blk BLANK			<2	0.01	<3	1	<0.5	<5
*Blk BLANK			<2	<0.01	<3	<1	<0.5	<5

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B00395941	1.57	<1	3	15	45.6	2.23	1.70	26.6
B00395942	1.87	<1	3	15	22.7	2.62	2.46	32.5
B00395943	1.87	<1	3	16	22.7	2.71	2.56	34.6
B00395944	1.99	<1	3	11	16.1	2.60	2.45	33.4
B00395945	1.94	<1	3	20	26.4	2.71	2.64	33.6
B00395946	1.89	<1	3	22	13.1	2.66	2.53	34.3
B00395947	1.88	<1	3	15	10.2	2.67	2.43	34.9
B00395948	1.91	<1	3	15	6.6	2.74	2.57	34.1
B00395949	1.86	<1	3	19	7.1	2.75	2.57	35.0
B00395950	3.29	<1	5	31	4371	>15.0	2.48	8.2
B00395951	1.77	<1	3	15	13.9	2.63	2.49	34.6
B00395952	1.81	<1	3	14	12.9	2.63	2.57	35.5
B00395953	1.87	<1	3	18	9.9	2.76	2.53	36.4
B00395954	1.86	<1	3	11	27.5	2.28	1.91	27.9
B00395955	1.97	<1	3	18	19.9	2.58	2.53	34.1
B00395956	1.91	<1	3	15	16.0	2.74	2.49	35.0
B00395957	1.82	<1	3	15	17.9	2.63	2.38	35.0
B00395958	1.92	<1	4	18	17.1	2.80	2.49	35.8
B00395959	2.02	<1	4	15	24.4	2.91	2.53	33.8
B00395960	1.71	<1	3	30	6.5	1.78	1.25	8.0
B00395961	1.91	<1	4	17	33.1	2.87	2.55	31.9
B00395962	2.02	<1	4	14	71.5	2.90	2.69	31.0
B00395963	1.88	<1	4	19	63.4	2.82	2.63	32.6
B00395964	1.96	<1	3	13	16.0	2.63	2.51	34.3
B00395965	1.84	<1	3	16	13.1	2.75	2.66	34.7
B00395966	1.81	<1	3	16	14.4	2.67	2.67	34.7
B00395967	1.97	<1	3	12	15.9	2.81	2.59	33.7
B00395968	1.81	<1	3	16	12.5	2.64	2.48	34.4
B00395969	1.92	<1	3	13	18.8	2.75	2.41	35.1
B00395970	1.89	<1	3	9	25.9	2.76	2.42	33.8
B00395971	1.80	<1	2	12	13.6	2.74	2.74	33.5
B00395972	1.83	<1	3	16	14.9	2.74	2.73	31.9
B00395973	1.73	<1	3	19	15.7	2.61	2.60	33.3
B00395974	1.87	<1	3	13	11.1	2.77	2.53	33.7
B00395975	2.15	<1	3	15	6.7	2.93	2.23	34.8
*Dup B00395975	2.12	<1	3	12	7.5	2.89	2.21	33.9
B00395976	2.00	<1	3	16	5.2	2.99	2.23	34.6
B00395977	2.05	<1	3	13	16.8	2.97	2.26	35.8
B00395978	1.99	<1	4	17	9.8	2.97	2.29	34.4
B00395979	2.00	<1	3	16	9.2	2.99	2.48	37.0

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00395980	3.79	<1	375	33	5968	>15.0	3.28	108
B00395981	1.90	<1	3	16	13.0	2.79	2.50	35.3
B00395982	1.85	<1	3	19	6.7	2.74	2.49	34.9
B00395983	1.86	<1	3	16	9.2	2.77	2.53	34.1
B00395984	1.86	<1	3	10	9.1	2.71	2.52	34.4
B00395985	2.07	<1	4	12	26.4	2.80	2.26	34.0
B00395986	2.53	<1	3	15	43.4	2.40	1.71	33.0
B00395987	3.00	<1	2	11	24.1	1.87	2.21	32.1
B00395988	2.01	<1	3	12	24.1	2.82	2.48	35.5
B00395989	1.81	<1	3	13	19.4	2.69	2.57	33.6
B00395990	1.69	<1	3	30	5.5	1.68	1.26	8.4
B00395991	1.93	<1	3	14	19.3	2.80	2.56	36.5
B00395992	1.94	<1	3	12	18.9	2.86	2.58	35.0
B00395993	1.92	<1	3	12	17.0	2.75	2.55	35.3
B00395994	1.92	<1	3	11	12.8	2.75	2.51	33.6
B00395995	2.04	<1	3	8	21.7	2.83	2.55	33.0
B00395996	1.99	<1	3	9	19.5	2.86	2.58	34.6
B00395997	2.01	<1	3	12	16.6	2.75	2.55	34.0
B00395998	1.77	<1	3	5	12.8	2.57	2.28	30.5
B00395999	1.95	<1	3	9	13.5	2.69	2.49	34.0
B00396000	1.89	<1	3	17	13.6	2.76	2.56	36.3
B00396001	1.93	<1	3	11	18.8	2.80	2.56	35.7
B00396002	1.92	<1	3	17	10.8	2.77	2.52	36.7
B00396003	2.01	<1	3	15	12.2	2.81	2.54	35.5
B00396004	1.92	<1	4	20	30.7	2.85	2.34	33.2
B00396005	1.87	<1	4	12	23.2	2.75	2.65	34.2
B00396006	1.96	<1	5	12	24.3	2.77	2.56	35.1
B00396007	1.90	<1	5	16	19.8	2.78	2.51	35.0
B00396008	1.82	<1	4	14	27.8	2.63	2.32	34.4
B00396009	1.90	<1	11	21	114	2.83	2.76	25.1
B00396010	4.92	<1	7	20	58.5	2.49	2.15	7.9
B00396011	2.13	<1	4	10	31.6	2.44	2.98	33.2
B00396012	1.89	<1	6	15	44.8	2.59	1.78	33.2
B00396013	4.26	<1	5	14	33.4	2.46	2.98	36.6
B00396014	2.02	<1	8	19	23.5	2.85	2.21	34.0
B00396015	2.12	<1	4	13	18.2	2.91	2.30	34.7
B00396016	3.68	<1	3	14	25.2	2.38	3.36	36.1
B00396017	2.03	<1	3	17	18.4	2.97	2.26	34.7
B00396018	1.99	<1	4	18	19.7	2.91	2.23	36.3
B00396019	2.00	<1	4	22	17.1	2.94	2.32	35.5

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Element Method Det.Lim. Units	@Ca	@Cd	@Co	@Cr	@Cu	@Fe	@K	@La
	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm
B00396020	2.03	<1	3	24	18.9	3.04	2.31	34.9
*Rep B00395961	1.92	<1	4	16	33.7	2.90	2.59	32.2
*Rep B00396008	1.81	<1	4	18	28.0	2.63	2.34	34.1
*Rep B00396018	2.04	<1	4	16	20.1	2.97	2.25	36.2
*Std OREAS-602	0.62	26	10	27	4921	2.12	0.69	16.0
*Std RTS-3A	1.97	9	133	150	2218	>15.0	0.46	9.0
*Std OREAS-602	0.62	26	10	26	5011	2.10	0.68	15.9
*Std RTS-3A	2.03	9	131	144	2301	>15.0	0.47	9.5
*Bik BLANK	<0.01	<1	<1	<1	0.7	<0.01	<0.01	<0.5
*Bik BLANK	<0.01	<1	<1	<1	<0.5	<0.01	<0.01	<0.5

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395941	13	0.38	398	2	2.39	5	0.04	6
B00395942	11	0.48	456	3	2.73	5	0.05	13
B00395943	10	0.47	473	1	2.67	5	0.05	14
B00395944	10	0.47	485	<1	2.68	5	0.05	12
B00395945	11	0.47	503	15	2.44	5	0.05	12
B00395946	10	0.49	486	1	2.65	5	0.05	13
B00395947	10	0.49	482	2	2.67	5	0.05	14
B00395948	10	0.48	482	2	2.77	5	0.05	14
B00395949	10	0.48	478	48	2.70	5	0.05	14
B00395950	110	0.69	2839	210	0.66	4	0.41	4
B00395951	7	0.44	451	2	2.57	5	0.05	13
B00395952	12	0.47	455	2	2.72	5	0.05	15
B00395953	11	0.48	472	2	2.78	5	0.05	15
B00395954	12	0.38	430	6	2.41	4	0.04	20
B00395955	12	0.46	468	3	2.58	5	0.05	13
B00395956	11	0.48	476	5	2.74	5	0.05	15
B00395957	11	0.47	460	136	2.78	5	0.05	46
B00395958	13	0.51	503	2	2.75	5	0.05	13
B00395959	13	0.52	519	1	2.76	5	0.06	13
B00395960	8	0.52	278	<1	2.77	20	0.02	9
B00395961	13	0.53	520	2	2.76	5	0.05	14
B00395962	12	0.52	532	119	2.74	5	0.05	15
B00395963	12	0.50	513	11	2.69	5	0.05	15
B00395964	12	0.47	473	215	2.90	5	0.05	15
B00395965	10	0.48	470	28	2.77	5	0.05	15
B00395966	11	0.47	460	2	2.80	5	0.05	16
B00395967	12	0.50	494	42	2.78	5	0.05	15
B00395968	10	0.46	464	19	2.77	5	0.05	16
B00395969	12	0.48	465	2	2.83	5	0.05	14
B00395970	13	0.46	445	1	2.86	4	0.05	13
B00395971	12	0.47	448	3	2.69	4	0.05	16
B00395972	14	0.50	493	17	2.72	5	0.05	15
B00395973	12	0.46	469	57	2.68	5	0.05	16
B00395974	13	0.48	475	3	2.88	5	0.05	14
B00395975	14	0.53	521	4	3.09	5	0.06	15
*Dup B00395975	13	0.52	515	6	3.08	5	0.06	15
B00395976	17	0.52	516	3	2.99	5	0.06	12
B00395977	14	0.53	548	2	3.06	5	0.06	13
B00395978	15	0.54	533	42	2.91	6	0.06	13
B00395979	13	0.54	520	10	2.90	6	0.05	15

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00395980	17	1.11	3019	140	1.02	62	0.08	8
B00395981	13	0.49	489	2	2.86	5	0.05	15
B00395982	13	0.50	479	2	2.82	5	0.05	16
B00395983	13	0.49	490	4	2.84	5	0.05	16
B00395984	12	0.48	478	2	2.83	5	0.05	16
B00395985	14	0.51	506	2	2.78	5	0.05	12
B00395986	11	0.46	593	1	3.50	5	0.06	6
B00395987	9	0.36	595	17	2.09	4	0.05	8
B00395988	11	0.51	507	2	2.84	5	0.05	15
B00395989	11	0.48	470	1	2.84	5	0.05	15
B00395990	8	0.53	276	<1	2.72	20	0.02	9
B00395991	15	0.51	500	2	2.82	5	0.05	16
B00395992	14	0.50	507	2	2.87	5	0.05	15
B00395993	14	0.50	488	2	2.82	5	0.05	15
B00395994	13	0.49	480	17	2.84	5	0.05	16
B00395995	12	0.50	491	1	3.02	5	0.05	16
B00395996	15	0.51	505	<1	2.93	5	0.05	15
B00395997	14	0.49	491	1	2.98	5	0.05	16
B00395998	12	0.43	444	1	2.64	5	0.04	14
B00395999	14	0.47	470	1	2.87	5	0.05	15
B00396000	14	0.48	482	2	2.82	5	0.05	15
B00396001	11	0.48	490	2	2.91	5	0.05	15
B00396002	12	0.49	486	2	2.85	5	0.05	16
B00396003	12	0.50	500	2	2.96	5	0.05	16
B00396004	12	0.49	515	12	2.83	6	0.05	15
B00396005	9	0.51	500	3	2.73	6	0.05	15
B00396006	11	0.51	500	3	2.75	7	0.05	15
B00396007	11	0.48	482	17	2.76	6	0.05	15
B00396008	6	0.46	450	3	2.12	6	0.05	14
B00396009	5	0.58	500	3	0.08	8	0.04	6
B00396010	45	0.85	598	6	0.70	10	0.05	16
B00396011	7	0.53	534	1	1.25	5	0.05	8
B00396012	10	0.42	469	35	3.07	7	0.05	8
B00396013	11	0.54	980	29	1.53	7	0.06	<2
B00396014	12	0.51	526	53	2.77	8	0.06	9
B00396015	12	0.53	531	4	2.99	5	0.06	12
B00396016	21	0.51	923	49	1.82	3	0.07	7
B00396017	12	0.51	532	6	2.97	6	0.06	12
B00396018	13	0.52	517	5	2.94	6	0.06	13
B00396019	13	0.51	514	9	2.98	6	0.06	14

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	1	0.01	2	1	0.01	1	0.01	2
	ppm	%	ppm	ppm	%	ppm	%	ppm
B00396020	13	0.53	529	11	3.04	6	0.06	13
*Rep B00395961	13	0.53	532	1	2.78	6	0.05	14
*Rep B00396008	7	0.46	452	3	2.12	6	0.05	15
*Rep B00396018	13	0.53	526	5	3.00	6	0.06	13
*Std OREAS-602	20	0.20	220	5	0.45	65	0.05	1033
*Std RTS-3A	14	2.34	1383	3	0.67	52	0.04	199
*Std OREAS-602	20	0.20	221	5	0.44	62	0.05	1065
*Std RTS-3A	15	2.39	1419	2	0.70	51	0.04	198
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2
*Bik BLANK	<1	<0.01	<2	<1	<0.01	<1	<0.01	<2

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395941	0.46	<5	5.3	<10	113	0.17	25	<10
B00395942	0.30	<5	6.5	<10	206	0.22	28	<10
B00395943	0.30	<5	6.6	<10	212	0.23	28	<10
B00395944	0.18	<5	6.7	<10	208	0.21	28	<10
B00395945	0.32	<5	6.5	<10	183	0.21	27	195
B00395946	0.17	<5	6.5	<10	198	0.23	29	<10
B00395947	0.14	<5	6.6	<10	202	0.23	29	11
B00395948	0.05	<5	6.6	<10	219	0.23	29	<10
B00395949	0.04	<5	6.4	<10	214	0.23	28	<10
B00395950	0.60	<5	7.7	79	101	0.11	44	3985
B00395951	0.08	<5	6.2	<10	175	0.20	27	<10
B00395952	0.05	<5	6.3	<10	207	0.23	28	<10
B00395953	0.04	<5	6.7	<10	220	0.23	27	<10
B00395954	0.21	<5	5.4	<10	148	0.18	24	37
B00395955	0.10	<5	6.2	<10	195	0.21	27	<10
B00395956	0.09	<5	6.4	<10	215	0.23	27	<10
B00395957	0.14	<5	6.3	<10	196	0.23	28	11
B00395958	0.06	<5	7.0	<10	211	0.25	31	<10
B00395959	0.27	<5	7.3	<10	195	0.25	32	<10
B00395960	<0.01	<5	5.5	<10	348	0.13	36	<10
B00395961	0.06	<5	7.2	<10	206	0.26	31	<10
B00395962	0.10	<5	7.1	<10	211	0.25	30	<10
B00395963	0.10	<5	7.0	<10	201	0.25	30	15
B00395964	0.07	<5	6.6	<10	225	0.23	27	19
B00395965	0.05	<5	6.5	<10	204	0.23	27	<10
B00395966	0.04	<5	6.3	<10	205	0.23	27	<10
B00395967	0.11	<5	7.0	<10	203	0.23	29	186
B00395968	0.08	<5	6.3	<10	213	0.22	26	<10
B00395969	0.08	<5	6.7	<10	210	0.23	29	<10
B00395970	0.19	<5	6.7	<10	211	0.22	29	<10
B00395971	0.12	<5	6.3	<10	195	0.21	27	<10
B00395972	0.16	<5	6.8	<10	198	0.24	29	17
B00395973	0.15	<5	6.4	<10	197	0.23	27	262
B00395974	0.04	<5	6.3	<10	222	0.23	26	<10
B00395975	0.12	<5	6.0	<10	271	0.24	26	<10
*Dup B00395975	0.12	<5	5.9	<10	277	0.24	25	<10
B00395976	0.10	<5	5.9	<10	253	0.25	25	<10
B00395977	0.27	<5	6.0	<10	262	0.25	26	<10
B00395978	0.13	<5	6.1	<10	247	0.25	27	129
B00395979	0.04	<5	6.8	<10	237	0.26	29	11

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00395980	1.73	<5	12.9	<10	126	0.34	197	81
B00395981	0.07	<5	6.8	<10	219	0.25	28	<10
B00395982	0.03	<5	6.6	<10	216	0.24	28	<10
B00395983	0.03	<5	6.5	<10	214	0.24	28	<10
B00395984	0.02	<5	6.4	<10	212	0.24	27	<10
B00395985	0.19	<5	6.7	<10	204	0.23	29	<10
B00395986	0.42	<5	6.1	<10	138	0.17	26	<10
B00395987	0.28	<5	5.3	<10	112	0.18	23	19
B00395988	0.15	<5	6.8	<10	228	0.25	28	<10
B00395989	0.11	<5	6.5	<10	213	0.24	27	<10
B00395990	<0.01	<5	5.5	<10	347	0.14	38	<10
B00395991	0.06	<5	6.7	<10	223	0.25	28	<10
B00395992	0.06	<5	6.7	<10	221	0.25	28	<10
B00395993	0.08	<5	6.7	<10	223	0.24	28	<10
B00395994	0.04	<5	6.8	<10	218	0.24	29	73
B00395995	0.03	<5	6.9	<10	236	0.25	29	<10
B00395996	0.06	<5	6.8	<10	233	0.25	29	<10
B00395997	0.04	<5	6.6	<10	234	0.24	29	<10
B00395998	0.06	<5	5.8	<10	205	0.22	24	15
B00395999	0.03	<5	6.5	<10	230	0.24	27	<10
B00396000	0.04	<5	6.6	<10	219	0.24	28	<10
B00396001	0.06	<5	6.8	<10	218	0.24	28	107
B00396002	0.05	<5	6.9	<10	217	0.25	29	<10
B00396003	0.04	<5	6.9	<10	230	0.25	30	<10
B00396004	0.33	<5	6.9	<10	200	0.24	29	93
B00396005	0.11	<5	6.8	<10	245	0.25	29	<10
B00396006	0.09	<5	6.8	<10	222	0.25	29	<10
B00396007	0.09	<5	6.5	<10	220	0.24	26	<10
B00396008	0.56	<5	6.1	<10	159	0.17	26	38
B00396009	1.09	17	4.7	<10	55.2	0.11	22	<10
B00396010	0.82	<5	10.1	<10	232	0.23	77	<10
B00396011	0.49	<5	6.2	<10	114	0.14	24	<10
B00396012	0.48	<5	5.8	<10	196	0.19	25	83
B00396013	0.27	<5	5.7	<10	163	0.16	23	347
B00396014	0.22	<5	5.9	<10	216	0.20	25	124
B00396015	0.16	<5	6.2	<10	260	0.25	26	11
B00396016	0.22	<5	6.4	<10	154	0.23	28	152
B00396017	0.22	<5	5.7	<10	264	0.25	25	17
B00396018	0.21	<5	5.9	<10	258	0.25	25	18
B00396019	0.14	<5	5.7	<10	265	0.25	25	26

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Element Method Det.Lim. Units	@S GE_ICP40B 0.01 %	@Sb GE_ICP40B 5 ppm	@Sc GE_ICP40B 0.5 ppm	@Sn GE_ICP40B 10 ppm	@Sr GE_ICP40B 0.5 ppm	@Ti GE_ICP40B 0.01 %	@V GE_ICP40B 2 ppm	@W GE_ICP40B 10 ppm
B00396020	0.13	<5	5.7	<10	269	0.25	23	26
*Rep B00395961	0.07	<5	7.2	<10	208	0.26	31	<10
*Rep B00396008	0.57	<5	6.1	<10	159	0.18	26	34
*Rep B00396018	0.21	<5	5.9	<10	264	0.25	25	18
*Std OREAS-602	2.06	81	4.1	<10	443	0.19	32	<10
*Std RTS-3A	>5.00	<5	14.6	39	42.0	0.30	102	<10
*Std OREAS-602	2.04	81	4.1	<10	454	0.20	31	<10
*Std RTS-3A	>5.00	<5	14.6	37	43.6	0.31	101	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10
*Bik BLANK	<0.01	<5	<0.5	<10	<0.5	<0.01	<2	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395941	14.4	24	137	<0.05
B00395942	20.3	53	169	0.10
B00395943	20.3	68	185	0.09
B00395944	19.2	53	172	0.07
B00395945	18.6	51	175	0.13
B00395946	20.6	53	182	<0.05
B00395947	20.4	53	180	0.06
B00395948	20.5	50	180	<0.05
B00395949	20.3	51	180	<0.05
B00395950	7.3	298	35.2	0.59
B00395951	18.3	48	174	<0.05
B00395952	20.2	50	183	<0.05
B00395953	20.6	51	188	<0.05
B00395954	14.9	38	145	1.07
B00395955	19.3	51	176	0.06
B00395956	20.6	53	186	<0.05
B00395957	19.5	77	180	0.55
B00395958	22.2	54	175	0.06
B00395959	22.3	56	173	0.07
B00395960	5.7	21	39.1	0.06
B00395961	24.0	55	173	0.06
B00395962	23.1	58	157	0.07
B00395963	22.8	56	174	0.07
B00395964	20.8	55	177	0.18
B00395965	20.9	56	178	<0.05
B00395966	21.0	56	185	<0.05
B00395967	21.4	55	176	0.06
B00395968	22.0	55	168	0.07
B00395969	20.5	69	188	<0.05
B00395970	19.3	58	182	<0.05
B00395971	20.2	56	173	0.05
B00395972	22.2	63	173	<0.05
B00395973	21.7	56	176	<0.05
B00395974	20.4	52	180	<0.05
B00395975	19.2	64	181	<0.05
*Dup B00395975	18.7	62	189	<0.05
B00395976	19.2	64	194	<0.05
B00395977	19.8	72	193	0.05
B00395978	19.5	67	188	0.06
B00395979	19.5	67	190	<0.05

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00395980	18.0	21	121	1.06
B00395981	21.2	60	186	0.07
B00395982	21.1	61	183	<0.05
B00395983	21.4	60	180	0.06
B00395984	22.4	56	180	<0.05
B00395985	19.9	55	172	<0.05
B00395986	15.2	37	175	<0.05
B00395987	15.7	42	164	0.15
B00395988	21.2	61	185	0.06
B00395989	20.4	57	177	0.06
B00395990	5.9	20	45.3	<0.05
B00395991	21.5	57	189	<0.05
B00395992	21.7	58	184	<0.05
B00395993	21.4	59	185	<0.05
B00395994	21.5	59	175	<0.05
B00395995	21.8	60	178	<0.05
B00395996	22.3	59	181	<0.05
B00395997	21.1	58	186	<0.05
B00395998	18.7	49	164	<0.05
B00395999	21.1	55	181	<0.05
B00396000	21.7	56	185	0.05
B00396001	20.9	56	173	<0.05
B00396002	21.3	58	184	<0.05
B00396003	21.5	59	185	<0.05
B00396004	20.3	63	174	0.11
B00396005	21.1	57	177	<0.05
B00396006	21.6	61	177	<0.05
B00396007	20.3	56	175	<0.05
B00396008	15.6	58	174	0.06
B00396009	10.7	19	132	0.17
B00396010	7.7	54	51.3	2.36
B00396011	13.5	34	176	0.13
B00396012	14.0	44	180	0.10
B00396013	17.0	30	195	0.10
B00396014	16.7	51	189	0.05
B00396015	19.0	61	188	<0.05
B00396016	17.8	36	212	<0.05
B00396017	18.2	67	187	<0.05
B00396018	18.4	70	197	<0.05
B00396019	18.5	66	191	<0.05

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Final : VD1900575 Order:

Report File No.: 0000022152

Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00396020	18.4	65	185	<0.05
*Rep B00395961	23.6	57	163	0.05
*Rep B00396008	15.6	57	183	0.08
*Rep B00396018	18.0	69	187	<0.05
*Std OREAS-602	5.9	4332	83.8	36.09
*Std RTS-3A	13.0	2694	71.7	N.A.
*Std OREAS-602	5.8	4338	81.5	36.19
*Std RTS-3A	11.7	2810	69.2	N.A.
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Blk BLANK	<0.5	<1	<0.5	<0.05
*Std OREAS-903				<0.05
*Std RTS-3A				1.91

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Certificate of Analysis
Work Order : VD1900578
[Report File No.: 000022153]

Date: October 09, 2019

To: **Arnaud Fontaine**
ORFORD MINING CORP
357 BAY ST #800
TORONTO ON M5H 2T7

P.O. No.: -
Project No.: -
Samples: 37
Received: Sep 3, 2019
Pages: Page 1 to 11
(Inclusive of Cover Sheet)

Methods Summary

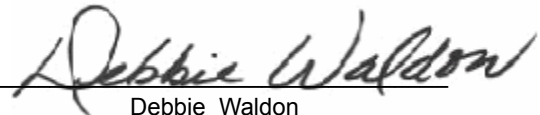
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
37	SHIP	Shipping
37	G_WGH79	Weighing of samples and reporting of weights
37	G_PRP89	Weigh, Dry, to 3kg, Crush 75% -2mm, Split to 250g, Pulverize to 85% -75µm
37	GE_FAA515	@Au, FAS, AAS, 50g-5ml
37	GE_ICP40B	@ICP-OES after Multi-Acid Digest
37	GE_IC40M	@Package, ICPMS after Multi-Acid Digest

Storage: Pulp & Reject

PULP STORAGE :
REJECT STORAGE :

Comments:

Preparation of samples was performed at the SGS Val-d'Or site
Assays not suitable for commercial exchange.

Certified By : 
Debbie Waldon
Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	WtKg G_WGH79 0.001 kg	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
B00393862	0.889	<0.005	<2	0.46	<3	51	<0.5	<5
B00393864	1.406	<0.005	<2	0.22	<3	5	<0.5	<5
B00393871	1.087	<0.005	<2	0.63	<3	41	<0.5	<5
B00393873	0.977	<0.005	<2	8.35	5	697	<0.5	<5
B00393613	1.285	<0.005	<2	9.47	8	372	0.5	<5
B00393615	0.830	<0.005	<2	2.74	11	32	<0.5	<5
B00393635	0.854	<0.005	<2	6.11	175	312	<0.5	<5
B00393638	0.613	0.005	<2	8.99	7	103	0.5	<5
B00393647	1.423	<0.005	<2	7.79	8	231	1.3	<5
B00393653	1.133	<0.005	<2	0.70	<3	34	<0.5	<5
B00393666	2.107	3.253	<2	1.63	72	52	<0.5	<5
B00393668	1.319	0.030	<2	2.90	207	71	<0.5	<5
B00393671	1.775	0.045	<2	3.03	<3	6	<0.5	<5
B00393672	0.981	0.006	<2	0.52	<3	4	<0.5	<5
B00393676	0.614	<0.005	<2	0.15	52	38	<0.5	<5
B00393677	0.785	<0.005	<2	0.15	<3	134	<0.5	<5
B00393679	2.202	0.146	<2	3.20	33	115	0.6	<5
B00393680	1.270	0.151	<2	1.72	20	65	<0.5	<5
B00393682	1.327	0.014	<2	3.52	14	6	<0.5	<5
B00393686	0.849	<0.005	<2	8.39	11	163	<0.5	<5
B00393689	0.835	3.232	<2	0.25	34	14	<0.5	<5
B00393426	0.912	<0.005	<2	7.43	<3	207	1.5	<5
B00393428	1.446	0.028	<2	3.62	27	237	0.5	<5
B00393430	0.764	<0.005	<2	1.44	<3	112	<0.5	<5
B00393432	0.810	0.006	<2	4.37	57	12	0.5	<5
B00393435	0.729	<0.005	<2	0.04	<3	7	<0.5	<5
B00393886	0.862	<0.005	<2	7.30	15	521	1.8	<5
B00393891	1.572	0.049	<2	6.11	7	159	0.5	<5
B00393892	1.265	0.126	<2	0.71	8	107	<0.5	<5
B00393896	1.273	<0.005	<2	4.98	12	21	<0.5	<5
B00393901	1.240	0.029	<2	1.83	440	209	<0.5	<5
B00393904	0.858	0.010	<2	2.86	689	62	<0.5	<5
B00393203	0.829	<0.005	<2	0.15	4	139	<0.5	<5
B00393206	0.660	<0.005	<2	1.04	11	213	<0.5	<5
B00393207	0.853	<0.005	<2	8.60	9	247	<0.5	<5
*Dup B00393207	N.A.	<0.005	<2	8.80	8	253	<0.5	<5
B00393209	1.232	<0.005	<2	8.50	4	44	<0.5	<5
B00393213	0.808	<0.005	<2	8.15	<3	44	<0.5	<5
*Rep B00393891		0.051						
*Std OREAS-217		0.327						

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Element Method Det.Lim. Units	@Au GE_FAA515 0.005 ppm	@Ag GE_ICP40B 2 ppm	@Al GE_ICP40B 0.01 %	@As GE_ICP40B 3 ppm	@Ba GE_ICP40B 1 ppm	@Be GE_ICP40B 0.5 ppm	@Bi GE_ICP40B 5 ppm
*Std OREAS-221	1.027						
*Rep B00393676		<2	0.14	53	38	<0.5	<5
*Std OREAS-602		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A		9	4.97	18	103	<0.5	30

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
B00393862	0.05	<1	<1	11	2.7	1.08	0.11	0.6
B00393864	1.20	<1	<1	43	0.7	9.54	<0.01	<0.5
B00393871	0.11	<1	3	51	7.5	1.19	0.24	3.9
B00393873	3.71	<1	16	58	197	5.68	1.44	17.6
B00393613	6.35	<1	32	8	101	8.27	0.65	11.6
B00393615	4.66	<1	17	56	212	3.90	0.09	1.1
B00393635	7.92	<1	44	624	28.4	7.52	1.83	3.4
B00393638	1.54	<1	14	124	49.3	5.63	0.61	4.9
B00393647	2.42	<1	14	13	46.3	6.01	1.93	34.5
B00393653	>15.0	<1	<1	5	1.1	1.33	0.10	2.7
B00393666	4.65	<1	5	67	107	>15.0	0.14	6.8
B00393668	4.17	<1	29	499	89.5	6.85	1.00	5.2
B00393671	6.78	<1	10	82	10.2	2.21	0.02	0.9
B00393672	4.42	<1	1	27	2.4	0.89	0.02	2.0
B00393676	14.7	<1	<1	9	1.9	3.70	0.03	2.7
B00393677	2.96	<1	<1	58	2.9	3.78	0.02	1.3
B00393679	9.94	<1	49	518	56.7	6.16	0.78	6.3
B00393680	7.12	<1	30	212	27.0	4.27	0.40	3.2
B00393682	3.71	<1	32	237	87.0	7.49	0.03	1.1
B00393686	3.30	<1	34	29	27.7	7.08	0.62	5.2
B00393689	0.05	<1	<1	22	10.8	1.25	0.06	<0.5
B00393426	7.28	1	29	64	195	8.52	0.51	16.8
B00393428	>15.0	<1	52	325	66.7	5.83	1.02	10.1
B00393430	0.03	<1	<1	50	4.1	1.47	0.64	7.0
B00393432	5.71	<1	76	1177	83.7	7.59	0.01	4.3
B00393435	0.02	<1	<1	50	2.6	0.91	0.02	<0.5
B00393886	0.28	<1	10	44	12.8	3.32	2.43	33.4
B00393891	5.15	<1	58	227	211	9.93	0.69	4.7
B00393892	0.33	<1	<1	25	116	12.0	0.29	0.8
B00393896	6.09	<1	39	43	167	7.24	0.05	4.5
B00393901	8.77	<1	39	506	30.4	4.62	0.94	4.5
B00393904	8.01	<1	56	757	85.0	5.97	0.23	2.8
B00393203	0.57	<1	<1	19	<0.5	0.61	0.14	<0.5
B00393206	>15.0	<1	2	8	2.5	2.19	0.98	3.4
B00393207	3.00	<1	12	14	138	4.21	0.40	8.8
*Dup B00393207	3.08	<1	12	13	131	4.30	0.41	8.7
B00393209	3.87	<1	15	50	152	5.12	0.08	8.0
B00393213	6.44	<1	41	259	552	6.20	0.14	2.6

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Element Method Det.Lim. Units	@Ca GE_ICP40B 0.01 %	@Cd GE_ICP40B 1 ppm	@Co GE_ICP40B 1 ppm	@Cr GE_ICP40B 1 ppm	@Cu GE_ICP40B 0.5 ppm	@Fe GE_ICP40B 0.01 %	@K GE_ICP40B 0.01 %	@La GE_ICP40B 0.5 ppm
*Rep B00393676	14.4	<1	<1	10	1.9	3.68	0.03	2.7
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	1.96	9	126	136	2245	>15.0	0.45	9.7

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Mo	@Na	@Ni	@P	@Pb
	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm
B00393862	<1	0.02	108	3	0.24	4	0.02	38
B00393864	2	0.13	243	2	<0.01	16	<0.01	<2
B00393871	1	0.04	198	3	0.06	7	<0.01	2
B00393873	21	1.83	725	2	2.70	14	0.14	11
B00393613	19	3.04	1366	<1	2.03	3	0.08	5
B00393615	7	1.53	768	2	0.60	27	0.01	<2
B00393635	13	4.62	1442	<1	0.15	200	0.04	<2
B00393638	34	4.84	521	<1	2.77	29	0.05	4
B00393647	5	0.47	593	4	3.88	<1	0.26	5
B00393653	1	11.4	482	<1	0.50	2	0.03	8
B00393666	4	1.80	1619	31	0.37	42	0.13	4
B00393668	3	1.74	817	2	0.20	204	0.05	<2
B00393671	1	0.52	659	2	0.02	28	<0.01	<2
B00393672	<1	0.06	185	3	0.01	6	<0.01	<2
B00393676	4	7.27	583	2	<0.01	8	<0.01	<2
B00393677	<1	1.27	167	3	<0.01	28	<0.01	<2
B00393679	9	4.77	1090	<1	0.80	338	0.02	2
B00393680	5	3.27	740	2	0.38	187	<0.01	<2
B00393682	6	2.15	664	2	0.83	100	0.01	4
B00393686	23	3.33	1045	<1	3.76	21	0.05	3
B00393689	<1	0.03	94	3	0.09	3	<0.01	9
B00393426	7	1.89	1132	2	1.19	71	0.12	19
B00393428	11	2.67	1309	<1	0.27	156	0.08	<2
B00393430	7	0.27	92	3	0.03	3	<0.01	<2
B00393432	39	8.92	2601	<1	<0.01	847	0.04	4
B00393435	<1	0.01	73	7	<0.01	5	<0.01	<2
B00393886	20	0.74	480	<1	1.44	35	0.05	14
B00393891	11	3.26	2827	4	0.02	93	0.02	8
B00393892	1	0.35	795	<1	0.07	46	0.03	6
B00393896	15	2.60	1176	2	0.34	44	0.04	3
B00393901	2	3.75	751	<1	0.03	313	0.06	<2
B00393904	9	5.40	1012	<1	0.61	585	0.03	<2
B00393203	<1	0.33	105	3	0.01	5	<0.01	2
B00393206	6	10.8	793	<1	0.03	8	<0.01	<2
B00393207	8	1.79	608	2	3.91	2	0.07	4
*Dup B00393207	7	1.80	615	2	4.05	2	0.07	4
B00393209	9	1.88	645	2	3.60	11	0.08	5
B00393213	9	4.45	942	<1	2.21	142	0.02	4

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Element Method Det.Lim. Units	@Li GE_ICP40B 1 ppm	@Mg GE_ICP40B 0.01 %	@Mn GE_ICP40B 2 ppm	@Mo GE_ICP40B 1 ppm	@Na GE_ICP40B 0.01 %	@Ni GE_ICP40B 1 ppm	@P GE_ICP40B 0.01 %	@Pb GE_ICP40B 2 ppm
*Rep B00393676	4	7.13	564	2	<0.01	8	<0.01	2
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	14	2.46	1398	2	0.65	51	0.04	176

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Element Method Det.Lim. Units	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
	GE_ICP40B 0.01 %	GE_ICP40B 5 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 10 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 2 ppm	GE_ICP40B 10 ppm
B00393862	0.02	<5	<0.5	<10	12.4	<0.01	2	<10
B00393864	<0.01	<5	<0.5	<10	9.2	0.02	13	<10
B00393871	0.18	<5	0.8	<10	11.6	<0.01	6	<10
B00393873	0.21	<5	14.5	<10	636	0.51	136	<10
B00393613	0.01	<5	30.4	<10	408	0.87	300	<10
B00393615	0.03	<5	11.6	<10	16.3	0.17	78	<10
B00393635	0.02	5	26.0	<10	276	0.22	218	<10
B00393638	1.17	<5	27.5	<10	148	0.63	218	<10
B00393647	2.64	<5	19.7	<10	179	0.67	44	<10
B00393653	0.01	<5	0.5	<10	323	<0.01	2	<10
B00393666	3.77	<5	6.1	<10	78.2	0.07	70	<10
B00393668	0.17	<5	14.0	<10	61.8	0.08	148	<10
B00393671	0.08	<5	7.9	<10	14.8	0.13	59	<10
B00393672	0.05	<5	0.9	<10	32.0	<0.01	9	<10
B00393676	1.93	<5	<0.5	<10	177	<0.01	3	<10
B00393677	0.85	<5	<0.5	<10	28.8	<0.01	3	<10
B00393679	0.32	<5	17.8	<10	248	0.07	160	<10
B00393680	0.23	<5	11.0	<10	181	0.03	88	<10
B00393682	1.22	<5	21.1	<10	98.6	0.22	133	<10
B00393686	0.14	<5	23.0	<10	88.1	0.37	259	<10
B00393689	0.02	<5	0.6	<10	3.3	0.01	19	<10
B00393426	1.65	<5	18.8	<10	1201	0.58	168	<10
B00393428	0.04	<5	16.5	<10	255	0.58	201	<10
B00393430	0.01	<5	1.5	<10	10.1	0.04	15	<10
B00393432	0.47	<5	24.0	<10	82.4	0.15	201	<10
B00393435	0.03	<5	<0.5	<10	1.1	<0.01	2	<10
B00393886	0.13	<5	11.0	<10	69.7	0.19	65	<10
B00393891	4.58	<5	32.6	<10	85.2	0.43	238	<10
B00393892	2.88	<5	5.3	<10	9.0	0.06	154	<10
B00393896	0.03	<5	34.3	<10	142	0.42	241	<10
B00393901	0.25	12	9.3	<10	180	0.12	93	<10
B00393904	0.03	22	16.6	<10	165	0.12	131	<10
B00393203	<0.01	<5	<0.5	<10	7.0	<0.01	2	<10
B00393206	0.02	<5	0.9	<10	75.6	0.02	5	<10
B00393207	0.54	<5	7.3	<10	140	0.34	64	<10
*Dup B00393207	0.54	<5	7.4	<10	143	0.35	67	<10
B00393209	0.92	<5	8.5	<10	184	0.36	66	<10
B00393213	0.78	<5	43.2	<10	164	0.33	286	<10

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Element	@S	@Sb	@Sc	@Sn	@Sr	@Ti	@V	@W
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
Det.Lim.	0.01	5	0.5	10	0.5	0.01	2	10
Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm
*Rep B00393676	2.02	<5	<0.5	<10	175	<0.01	3	<10
*Std OREAS-602	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
*Std RTS-3A	>5.00	<5	14.7	38	42.8	0.29	105	<10

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Element Method Det.Lim. Units	@Y	@Zn	@Zr	@Te
	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICM40B 0.05 ppm
B00393862	0.9	5	7.0	<0.05
B00393864	0.5	8	3.6	<0.05
B00393871	0.6	8	9.4	<0.05
B00393873	21.1	65	124	<0.05
B00393613	19.9	101	99.5	<0.05
B00393615	6.0	71	14.1	<0.05
B00393635	9.0	86	32.9	<0.05
B00393638	13.2	88	59.3	0.24
B00393647	52.9	65	350	0.12
B00393653	2.2	19	4.5	<0.05
B00393666	10.5	41	51.0	0.13
B00393668	7.1	78	74.0	<0.05
B00393671	4.4	81	11.5	<0.05
B00393672	2.4	5	0.9	<0.05
B00393676	7.2	13	4.8	<0.05
B00393677	2.7	5	1.8	0.05
B00393679	8.6	44	70.8	<0.05
B00393680	5.5	30	34.5	<0.05
B00393682	6.6	117	14.3	0.44
B00393686	6.3	78	35.2	<0.05
B00393689	0.5	13	2.4	<0.05
B00393426	23.3	297	113	0.07
B00393428	12.4	92	96.6	<0.05
B00393430	0.8	20	25.3	<0.05
B00393432	8.5	105	58.0	<0.05
B00393435	<0.5	3	2.0	<0.05
B00393886	8.9	80	153	<0.05
B00393891	13.4	117	36.9	0.42
B00393892	2.3	98	17.9	<0.05
B00393896	19.6	100	28.6	0.06
B00393901	5.1	55	41.3	<0.05
B00393904	5.9	48	47.0	<0.05
B00393203	<0.5	9	1.1	<0.05
B00393206	2.3	8	13.4	<0.05
B00393207	9.7	38	76.8	0.08
*Dup B00393207	9.8	36	77.2	0.07
B00393209	14.0	86	85.8	0.14
B00393213	15.9	98	33.8	0.06

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Element	@Y	@Zn	@Zr	@Te
Method	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICM40B
Det.Lim.	0.5	1	0.5	0.05
Units	ppm	ppm	ppm	ppm
*Rep B00393676	7.4	13	5.3	<0.05
*Std OREAS-602	N.A.	N.A.	N.A.	37.90
*Std RTS-3A	11.8	2719	65.9	1.87
*Std RTS-3A				1.96

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Certificate of Analysis
Work Order : VC200129
[Report File No.: 0000038077]

Date: February 12, 2020

To: ARNAUD FONTAINE
ORFORD MINING CORP
141 ADELAIDE ST W
SUITE 1608
TORONTO ON M5H 3L5

P.O. No.: QK-19-LARGETILL-01-HG/ 15 pulp
Project No.: -
Samples: 16
Received: Jan 29, 2020
Pages: Page 1 to 2
(Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
15	G_LOG02	Pre-preparation processing, sorting, logging, boxing
15	GE_CVA20A	Analysis for Hg by cold vapor AAS

Certified By :

John Chiang
Operations Manager

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Final : VC200129 Order: QK-19-LARGETILL-01-HG/ 15 pulp

Page 2 of 2

Report File No.: 0000038077

Element Method Det.Lim. Units	Hg GE_CVA20A 0.005 ppm
117420021	0.029
117420028	0.087
117420031	0.023
117420033	0.057
117420034	0.173
117420038	0.052
117420039	0.060
117420041.1	0.051
117420042	LNR
117420051	0.022
117420060	0.054
117420061	0.033
117420062	0.068
117420064	0.140
117420065	0.348
117420066	0.024
*Rep 117420038	0.053
*Std STSD_1	0.099
*Blk BLANK	<0.005

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Certificate of Analysis
Work Order : LK1900994
[Report File No.: 0000020760]

Date: June 20, 2019

To: MICHELLE SCIORTINO
 INVOICE PAYMENT APPROVER
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: Qiqavik Till test 2019
Project No.: -
Samples: 15
Received: Jun 3, 2019
Pages: Page 1 to 8
 (Inclusive of Cover Sheet)

Methods Summary

<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
15	GE_IC40A	@Package, ICPAES after Multi-Acid Digest
15	GE_IC40M	@Package, ICPMS after Multi-Acid Digest
15	ZMS_ICM40B	Package Price - GE_ICM40B (GE_IC40A+GE_IC40M)

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.
 Please note: Detection Limit for Ag increased as indicated due to sample matrix interference

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
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 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	@Ag	@Al	@Ba	@Ca	@Cr	@Cu	@Fe	@K
	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B	GE_ICM40B
	0.5 ppm	0.01 %	1 ppm	0.01 %	1 ppm	0.5 ppm	0.01 %	0.01 %
S726793	2.8	5.25	334	0.72	141	114	>15.0	1.15
S727024	<0.5	7.68	497	2.08	159	134	5.46	1.59
S727029	<0.5	7.57	481	1.99	101	533	6.73	1.66
S727409	<0.5	7.83	556	2.16	146	180	5.38	1.86
S727775	<0.5	7.11	444	1.92	162	148	6.69	1.22
S728074	<0.5	6.93	499	1.96	106	52.5	4.61	1.55
S728251	<0.5	8.11	617	1.67	75	96.0	6.08	1.32
S728289	1.9	6.64	420	1.65	208	358	12.7	1.77
S728290	<0.5	7.06	515	2.01	107	48.0	4.74	1.59
S728297	<0.5	9.08	672	1.00	210	99.8	7.38	2.03
S728637	<0.5	7.50	504	2.05	228	81.9	5.24	1.42
S728663	<0.5	6.63	513	1.98	112	17.8	3.58	1.54
S728875	<0.5	8.00	553	1.31	187	87.5	5.71	1.42
S728984	<0.5	7.11	438	2.21	554	79.6	6.79	1.23
S729079	<0.5	7.74	560	2.01	136	66.6	5.12	1.78
*Rep S728289	1.8	6.62	429	1.64	211	351	12.7	1.77
*Std OREAS-903	<0.5	5.84	200	0.59	79	6513	3.99	3.32
*Blk BLANK	<0.5	<0.01	<1	<0.01	<1	0.9	<0.01	<0.01
*Blk BLANK	<0.5	<0.01	1	<0.01	1	<0.5	0.01	<0.01

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Element Method Det.Lim. Units	@Li	@Mg	@Mn	@Na	@Ni	@P	@S	@Sr
	GE_ICM40B 1 ppm	GE_ICM40B 0.01 %	GE_ICM40B 2 ppm	GE_ICM40B 0.01 %	GE_ICM40B 0.5 ppm	GE_ICM40B 100 ppm	GE_ICM40B 0.01 %	GE_ICM40B 0.5 ppm
S726793	15	0.68	494	1.30	36.7	1572	0.07	95.3
S727024	26	2.04	879	2.16	79.9	1007	0.01	266
S727029	26	1.78	804	1.89	47.3	1138	0.02	250
S727409	33	2.07	842	2.24	74.4	1242	0.01	283
S727775	23	2.66	1194	1.70	52.6	787	<0.01	178
S728074	21	1.46	885	2.32	52.4	1162	0.01	294
S728251	22	1.58	836	2.14	30.8	1527	0.03	279
S728289	18	1.49	611	1.50	52.7	1385	0.08	180
S728290	26	1.53	922	2.38	50.6	1695	0.01	272
S728297	59	2.53	1188	1.13	116	1446	0.06	144
S728637	33	2.40	905	2.01	103	1152	0.02	265
S728663	17	1.08	603	2.40	38.1	1217	0.01	306
S728875	28	2.09	904	1.78	98.9	898	0.02	199
S728984	26	4.65	928	1.73	318	1053	0.01	190
S729079	29	1.89	1223	2.31	69.1	1190	0.01	274
*Rep S728289	18	1.48	606	1.49	54.2	1401	0.09	181
*Std OREAS-903	18	0.71	673	0.03	53.7	1169	0.51	75.1
*Blk BLANK	<1	<0.01	<2	0.01	0.5	<100	<0.01	<0.5
*Blk BLANK	<1	<0.01	2	<0.01	0.5	<100	<0.01	0.5

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Element Method Det.Lim. Units	@Ti	@V	@Zn	@Zr	@As	@Be	@Bi	@Cd
	GE_ICM40B 0.01 %	GE_ICM40B 2 ppm	GE_ICM40B 1 ppm	GE_ICM40B 0.5 ppm	GE_ICM40B 1 ppm	GE_ICM40B 0.1 ppm	GE_ICM40B 0.04 ppm	GE_ICM40B 0.02 ppm
S726793	0.61	601	308	106	20	0.9	3.71	0.40
S727024	0.54	147	99	140	98	1.3	0.36	0.17
S727029	0.61	151	91	130	208	1.2	0.57	0.14
S727409	0.54	139	104	149	44	1.9	0.41	0.22
S727775	0.49	158	597	103	1619	1.5	0.74	2.32
S728074	0.57	122	75	191	1092	1.6	0.91	0.23
S728251	0.53	146	113	182	17	1.4	0.14	0.17
S728289	0.53	233	182	145	269	1.3	2.43	0.34
S728290	0.67	138	96	194	7	1.8	0.10	0.21
S728297	0.52	178	146	160	34	2.4	0.21	0.14
S728637	0.52	145	97	165	20	1.5	0.10	0.14
S728663	0.59	101	55	227	14	1.4	0.10	0.16
S728875	0.46	168	98	110	106	1.4	0.11	0.20
S728984	0.57	168	110	140	24	1.4	0.31	0.40
S729079	0.52	134	97	141	19	2.0	0.15	0.20
*Rep S728289	0.53	240	175	156	275	1.2	2.30	0.35
*Std OREAS-903	0.13	76	26	156	52	4.9	9.03	0.20
*Blk BLANK	<0.01	<2	<1	<0.5	1	<0.1	<0.04	<0.02
*Blk BLANK	<0.01	<2	<1	<0.5	<1	<0.1	<0.04	<0.02

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Element Method Det.Lim. Units	@Ce GE_ICM40B 0.05 ppm	@Co GE_ICM40B 0.1 ppm	@Cs GE_ICM40B 1 ppm	@Ga GE_ICM40B 0.1 ppm	@Hf GE_ICM40B 0.02 ppm	@In GE_ICM40B 0.02 ppm	@La GE_ICM40B 0.1 ppm	@Lu GE_ICM40B 0.01 ppm
S726793	22.23	7.9	1	17.7	2.94	0.18	11.0	0.14
S727024	70.47	33.0	2	20.1	3.69	0.06	35.6	0.27
S727029	68.23	43.4	2	21.0	3.30	0.06	32.6	0.24
S727409	81.48	34.2	2	22.2	4.03	0.06	42.6	0.26
S727775	47.53	37.0	1	18.8	2.76	0.15	24.3	0.32
S728074	85.50	27.2	1	18.1	5.06	0.06	43.6	0.35
S728251	74.70	24.0	1	22.5	4.72	0.07	35.7	0.31
S728289	44.51	15.4	1	20.5	3.84	0.16	22.2	0.21
S728290	118	22.4	1	18.8	4.95	0.07	64.4	0.30
S728297	119	39.9	5	26.2	4.19	0.08	59.4	0.33
S728637	82.65	27.7	2	20.9	4.38	0.07	45.8	0.28
S728663	103	14.2	1	16.8	6.03	0.05	51.2	0.29
S728875	59.20	35.9	1	20.5	3.05	0.06	27.5	0.24
S728984	65.13	48.9	2	19.0	3.46	0.06	31.7	0.26
S729079	79.59	28.5	2	21.1	3.79	0.06	40.7	0.26
*Rep S728289	42.82	15.3	1	20.6	4.08	0.15	21.2	0.22
*Std OREAS-903	78.02	140	3	15.8	4.37	0.14	41.4	0.34
*Blk BLANK	<0.05	<0.1	<1	<0.1	<0.02	<0.02	<0.1	<0.01
*Blk BLANK	0.07	0.1	<1	<0.1	<0.02	<0.02	0.1	<0.01

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Element Method Det.Lim. Units	@Mo GE_ICM40B 0.05 ppm	@Nb GE_ICM40B 0.1 ppm	@Pb GE_ICM40B 0.5 ppm	@Rb GE_ICM40B 0.2 ppm	@Sb GE_ICM40B 0.05 ppm	@Sc GE_ICM40B 0.5 ppm	@Se GE_ICM40B 2 ppm	@Sn GE_ICM40B 0.3 ppm
S726793	60.10	10.8	61.6	51.5	8.87	18.5	28	3.2
S727024	0.85	23.4	11.9	66.7	0.99	19.8	<2	1.6
S727029	0.89	24.4	11.5	81.4	0.46	19.3	<2	1.6
S727409	1.33	29.5	14.8	89.3	0.60	18.0	<2	2.0
S727775	0.58	11.4	8.7	41.9	1.19	27.8	<2	1.7
S728074	0.56	24.3	13.9	59.0	0.42	18.7	<2	1.9
S728251	1.74	21.6	11.3	49.1	0.74	22.9	<2	2.0
S728289	21.68	22.4	51.2	67.7	20.72	24.4	11	4.1
S728290	0.98	55.7	13.7	64.7	0.35	17.8	<2	2.2
S728297	1.20	23.3	20.7	131	0.57	21.6	<2	2.5
S728637	1.14	32.2	19.3	65.1	0.54	20.7	<2	2.0
S728663	0.41	25.2	12.8	54.0	0.32	14.9	<2	1.7
S728875	0.87	20.8	9.6	47.6	8.12	23.8	<2	1.3
S728984	0.98	21.2	13.1	51.7	1.60	23.7	<2	1.6
S729079	0.95	23.0	14.1	82.5	0.43	18.3	<2	1.7
*Rep S728289	21.87	20.0	50.3	67.3	20.64	23.9	11	4.0
*Std OREAS-903	4.90	4.2	11.4	148	1.56	10.7	6	2.7
*Blk BLANK	<0.05	<0.1	0.8	<0.2	<0.05	<0.5	<2	<0.3
*Blk BLANK	<0.05	0.1	<0.5	0.2	<0.05	<0.5	<2	<0.3

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Element Method Det.Lim. Units	@Ta GE_ICM40B 0.05 ppm	@Tb GE_ICM40B 0.05 ppm	@Te GE_ICM40B 0.05 ppm	@Th GE_ICM40B 0.2 ppm	@Tl GE_ICM40B 0.02 ppm	@U GE_ICM40B 0.05 ppm	@W GE_ICM40B 0.1 ppm	@Y GE_ICM40B 0.1 ppm
S726793	0.61	0.35	1.76	4.3	0.87	6.85	5.2	11.9
S727024	1.35	0.75	0.13	8.1	0.35	1.81	1.1	21.4
S727029	1.33	0.77	0.11	7.3	0.46	2.02	1.6	22.7
S727409	1.65	0.75	0.11	10.5	0.44	2.50	1.0	22.0
S727775	0.76	0.72	<0.05	3.8	0.23	1.37	1.3	25.1
S728074	1.29	0.83	0.18	10.0	0.27	1.99	2.5	26.0
S728251	1.43	0.86	0.66	7.5	0.26	1.90	0.5	25.7
S728289	0.91	0.52	1.18	6.6	3.98	2.99	1.7	15.8
S728290	2.03	0.96	<0.05	10.7	0.34	2.47	0.8	24.7
S728297	1.59	0.91	0.07	17.0	0.66	2.77	1.6	26.4
S728637	1.32	0.75	<0.05	10.2	0.37	2.29	0.6	22.1
S728663	1.43	0.84	<0.05	10.3	0.26	1.78	1.1	22.4
S728875	0.93	0.64	0.26	5.2	0.24	1.26	1.0	19.4
S728984	1.19	0.70	0.12	7.5	0.28	1.51	0.5	21.0
S729079	1.39	0.74	<0.05	9.6	0.41	2.02	0.7	21.4
*Rep S728289	0.93	0.51	1.10	6.6	4.00	2.82	2.0	16.2
*Std OREAS-903	0.35	0.76	<0.05	13.7	0.61	7.95	1.5	23.2
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1
*Blk BLANK	<0.05	<0.05	<0.05	<0.2	<0.02	<0.05	<0.1	<0.1

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Element Method Det.Lim. Units	@Yb GE_ICM40B 0.1 ppm
S726793	0.9
S727024	1.9
S727029	1.8
S727409	1.7
S727775	2.2
S728074	2.3
S728251	2.1
S728289	1.4
S728290	2.1
S728297	2.1
S728637	1.8
S728663	1.9
S728875	1.7
S728984	1.8
S729079	1.7
*Rep S728289	1.4
*Std OREAS-903	2.3
*Blk BLANK	<0.1
*Blk BLANK	<0.1

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Certificate of Analysis
Work Order : LK1900995 [Revision 1]
[Report File No.: 0000020785]

Date: June 25, 2019

To: MICHELLE SCIORTINO
 INVOICE PAYMENT APPROVER
ORFORD MINING CORP
 357 BAY ST #800
 TORONTO ON M5H 2T7

P.O. No.: Qiqavik Grab Test 2019
Project No.: -
Samples: 16
Received: Jun 3, 2019
Pages: Page 1 to 6
 (Inclusive of Cover Sheet)

Methods Summary

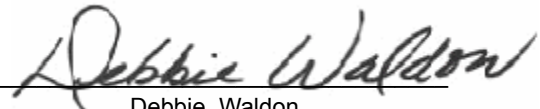
<u>No. Of Samples</u>	<u>Method Code</u>	<u>Description</u>
15	GE_ICP40B	@ICP-OES after Multi-Acid Digest
6	GE_ICP90A	ICP-OES after Na2O2 fusion

Storage: Pulp & Reject

PULP STORAGE :
 REJECT STORAGE :

Comments:

Assays not suitable for commercial exchange.
 Please note: Where INF reported, Zr not determined due to sample matrix interference
 Detection Limit for Cd increased as indicated due to sample matrix interference
 This report supersedes LK1900995 reported June 20th.
 This report contains over range analysis. Please note sample Y149438 was received June5th and is eported

Certified By : 
 Debbie Waldon
 Project Coordinator

SGS Minerals Services (Lakefield) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
 n.a. = Not applicable -- = No result
 *INF = Composition of this sample makes detection impossible by this method
 M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
 Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
 Elements marked with the @ symbol (e.g. @Cu) denote assays performed using accredited test methods

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Element Method Det.Lim. Units	@Ag	@Al	@As	@Ba	@Be	@Bi	@Ca	@Cd
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	2	0.01	3	1	0.5	5	0.01	5
	ppm	%	ppm	ppm	ppm	ppm	%	ppm
Y148531	49	0.23	1788	30	<0.5	13	0.07	<5
Y148533	12	1.65	>10000	48	<0.5	<5	0.11	31
Y148534	11	0.06	57	4	<0.5	<5	0.04	166
Y148599	3	5.82	>10000	195	1.4	<5	0.52	24
Y148704	<2	0.45	8	36	<0.5	<5	0.31	<5
Y148713	>100	0.08	4	3	<0.5	212	0.05	<5
Y148729	<2	1.57	11	78	<0.5	<5	2.11	<5
Y148732	2	0.79	>10000	36	<0.5	16	0.13	<5
Y148733	5	2.94	8604	98	<0.5	<5	1.49	<5
Y149438	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
Y149350	<2	0.38	3542	12	<0.5	<5	0.15	<5
Y149376	5	0.01	<3	<1	<0.5	7	<0.01	<5
Y149433	35	1.64	923	81	<0.5	<5	0.06	<5
Y149348	26	0.14	29	15	<0.5	28	<0.01	46
Y149441	37	0.23	856	17	<0.5	<5	0.74	20
*Rep Y148733	5	3.05	8762	101	<0.5	<5	1.49	<5
*Std OREAS-903	<2	5.68	57	182	4.4	<5	0.56	<5
*Blk BLANK	<2	<0.01	4	<1	<0.5	<5	<0.01	<5
Y149438	31	0.33	850	15	<0.5	<5	0.48	10
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Co	@Cr	@Cu	@Fe	@K	@La	@Li	@Mg
	GE_ICP40B 1 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.5 ppm	GE_ICP40B 0.01 %	GE_ICP40B 0.01 %	GE_ICP40B 0.5 ppm	GE_ICP40B 1 ppm	GE_ICP40B 0.01 %
Y148531	8	51	>10000	7.63	0.16	1.2	<1	0.02
Y148533	15	59	175	9.65	0.05	4.1	9	1.64
Y148534	236	11	491	>15.0	<0.01	<0.5	<1	0.08
Y148599	26	43	275	6.92	2.37	5.8	13	0.93
Y148704	<1	46	57.9	0.47	0.18	<0.5	<1	0.09
Y148713	<1	32	13.8	0.60	<0.01	<0.5	<1	0.04
Y148729	7	64	245	2.05	0.37	1.4	7	0.71
Y148732	108	47	2422	6.92	0.13	1.0	2	0.25
Y148733	83	56	7155	5.14	0.29	3.7	4	0.75
Y149438	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
Y149350	10	43	29.4	1.80	0.16	1.9	<1	0.08
Y149376	<1	15	0.9	0.34	<0.01	<0.5	<1	<0.01
Y149433	3	56	3291	1.54	0.66	1.6	1	0.05
Y149348	<1	29	6.3	0.63	0.07	<0.5	<1	<0.01
Y149441	3	47	8652	1.27	0.08	0.9	<1	0.22
*Rep Y148733	86	54	7279	5.25	0.30	3.9	4	0.78
*Std OREAS-903	129	72	6150	4.19	3.37	36.7	17	0.69
*Blk BLANK	<1	<1	N.A.	0.02	<0.01	<0.5	<1	<0.01
Y149438	2	37	4934	1.13	0.12	0.6	2	0.13
*Blk BLANK	N.A.	N.A.	0.5	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Mn	@Mo	@Na	@Ni	@P	@Pb	@S	@Sb
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	2	1	0.01	1	0.01	2	0.01	5
	ppm	ppm	%	ppm	%	ppm	%	ppm
Y148531	52	11	0.04	2	<0.01	118	2.81	<5
Y148533	265	8	0.14	38	<0.01	4613	4.70	346
Y148534	52	1	0.01	413	<0.01	1903	>5.00	5
Y148599	536	4	1.15	48	0.04	445	3.38	10
Y148704	54	8	<0.01	4	<0.01	755	0.03	<5
Y148713	46	9	<0.01	4	<0.01	5306	0.07	<5
Y148729	317	9	0.01	11	0.02	1367	0.06	<5
Y148732	157	37	0.03	6	<0.01	37	3.81	8
Y148733	393	27	0.11	6	0.01	17	1.21	<5
Y149438	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
Y149350	72	8	0.01	11	0.04	59	0.91	29
Y149376	22	9	<0.01	2	<0.01	1717	0.03	<5
Y149433	45	4	0.07	7	<0.01	4	0.48	2817
Y149348	24	9	<0.01	2	<0.01	>10000	0.46	<5
Y149441	283	2	0.02	9	<0.01	4	0.83	1230
*Rep Y148733	399	28	0.11	6	0.01	11	1.22	<5
*Std OREAS-903	646	4	0.03	53	0.11	12	0.50	<5
*Blk BLANK	<2	<1	<0.01	<1	<0.01	3	<0.01	<5
Y149438	176	3	0.03	7	<0.01	4	0.67	816
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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Element Method Det.Lim. Units	@Sc	@Sn	@Sr	@Ti	@V	@W	@Y	@Zn
	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B	GE_ICP40B
	0.5 ppm	10 ppm	0.5 ppm	0.01 %	2 ppm	10 ppm	0.5 ppm	1 ppm
Y148531	<0.5	24	14.7	<0.01	6	<10	<0.5	355
Y148533	5.3	<10	4.5	0.12	61	15	3.5	6206
Y148534	<0.5	<10	1.4	<0.01	17	59	<0.5	>10000
Y148599	11.8	<10	143	0.40	88	15	11.4	6893
Y148704	0.8	<10	6.4	0.02	12	<10	<0.5	85
Y148713	<0.5	<10	1.3	<0.01	5	<10	<0.5	26
Y148729	6.3	<10	23.0	0.16	54	<10	3.6	59
Y148732	0.8	<10	10.8	0.02	10	<10	0.7	13
Y148733	4.7	<10	86.9	0.12	32	<10	5.3	41
Y149438	LNR	LNR	LNR	LNR	LNR	LNR	LNR	LNR
Y149350	1.5	<10	3.1	0.02	19	<10	1.8	133
Y149376	<0.5	<10	0.9	<0.01	<2	<10	<0.5	11
Y149433	1.9	<10	9.0	0.06	30	<10	0.9	349
Y149348	<0.5	<10	2.1	<0.01	<2	<10	<0.5	1952
Y149441	1.3	<10	10.6	<0.01	3	<10	1.1	1064
*Rep Y148733	4.8	<10	88.4	0.12	33	<10	5.5	39
*Std OREAS-903	9.3	<10	72.4	0.13	70	<10	20.5	25
*Blk BLANK	<0.5	<10	<0.5	<0.01	<2	<10	<0.5	N.A.
Y149438	0.7	<10	8.8	<0.01	5	<10	0.7	426
*Blk BLANK	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	<1

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Element Method Det.Lim. Units	@Zr	As	Cu	Pb	Zn
	GE_ICP40B	GE_ICP90A	GE_ICP90A	GE_ICP90A	GE_ICP90A
	0.5	30	10	20	10
	ppm	ppm	ppm	ppm	ppm
Y148531	<0.5	N.A.	20947	N.A.	N.A.
Y148533	27.3	86684	N.A.	N.A.	N.A.
Y148534	INF	N.A.	N.A.	N.A.	25425
Y148599	51.9	32058	N.A.	N.A.	N.A.
Y148704	2.0	N.A.	N.A.	N.A.	N.A.
Y148713	0.8	N.A.	N.A.	N.A.	N.A.
Y148729	13.6	N.A.	N.A.	N.A.	N.A.
Y148732	6.7	39360	N.A.	N.A.	N.A.
Y148733	32.8	N.A.	N.A.	N.A.	N.A.
Y149438	LNR	N.A.	N.A.	N.A.	N.A.
Y149350	8.1	N.A.	N.A.	N.A.	N.A.
Y149376	<0.5	N.A.	N.A.	N.A.	N.A.
Y149433	6.0	N.A.	N.A.	N.A.	N.A.
Y149348	2.3	N.A.	N.A.	16884	N.A.
Y149441	2.7	N.A.	N.A.	N.A.	N.A.
*Rep Y148733	34.5				
*Std OREAS-903	148				
*Blk BLANK	<0.5				
Y149438	<0.5	N.A.	N.A.	N.A.	N.A.
*Blk BLANK	N.A.				
*Std MP-1B		22701	31475	20204	>50000
*Blk BLANK		<30	<10	<20	<10

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