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TECHNICAL REPORT FOR THE PICHETTE PROPERTY

THUNDER BAY MINING DIVISION, ONTARIO

CLAIM NUMBERS:

559557, 711254, 714422

PREAPRED FOR: RIVERSIDE RESOURCES INC.

PREPARED BY: FREEMAN SMITH, P.GEO.

DATED: March 12, 2022

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Summary

The Pichette Project is in the Vincent Township 60 km west of the mining town of Geraldton, Ontario. The Geraldton region has a long and rich mining history and has produced 4.1 million ounces of gold[1]. The Leitch Mine at the western extend of the belt produced 850,000 ounces of gold and 100,000 ounces of silver at an average grade of about one ounce per ton[2]. More recently, the Hardrock Project held by Greenstone Gold Mines has elevated attention to the area by announcing their intention to mine their gold resource near Geraldton, Ontario.

The Pichette Project is located in the Beardmore-Geraldton Greenstone Belt comprising Archean-aged series of metavolcanic, metasedimentary rocks and associated porphyries. The project is underlain predominantly by east-west trending and steeply south to vertically dipping metavolcanic and metasedimentary rocks. Mafic metavolcanic rocks are fault-bounded against domains of metasedimentary rocks closer to the northern boundary of the project. The southern metasedimentary panel consists of a polymictic conglomerate and greywackes suggesting affinity with Timiskaming Formation conglomerates in the Timmins (Porcupine) Mining District. Intermediate to mafic intrusions cut the metavolcanic rocks on the southern part of the property.

Gold mineralization is typically associated with shear zones at geological boundaries at Pichette. Dominant shear structures strike about 80 degrees and usually host quartz iron carbonate veins with pyrite, pyrrhotite and sometimes arsenopyrite.

Five holes were completed on the Pichette Project (990 feet) in 1983 targeting geophysical anomalies. Geological logs suggest that the geophysical targets were graphitic zones within argillitic rock. Gold was however encountered in several of these holes associated with narrow iron formation units within the larger meta-volcanic packages. In 2012, three short holes (totalling 150m) where drilled from one pad on the Pichette Showing all of which intersected a narrow chert-magnetite iron formation at about 40m down hole; this BIF unit did not return any gold. Two of the three holes intersected a gold-bearing quartz veins with minor disseminated arsenopyrite near the surface returning between 3 and 5 g/t gold. Past exploration has focused on the banded iron formation which can but does not always carry gold. Future exploration should focus on subsidiary structures associated with the main east-west structure and the contact between the metasedimentary and metavolcanic contact zone in the northern portion of the project. Defining these contacts could be easily completed with an inexpensive Mag/VFL survey which could be followed up with stripping and sampling, or if bedrock is not easily exposed at these contacts an induced polarization survey could be conducted to define structures and contacts zones that host sulphide mineralization.

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[1] https://www.centerragold.com/cg-raw/cg/2016_Greenstone-Hardrock_43-101_Technical-Report_Dec21-2016-lr.pdf

[2] *ONTARIO GEOLOGICAL SURVEY, Open File Report 5823, Beardmore-Geraldton Historical Research Project, By A.A. Speed and S. Craig*

1.0 INTRODUCTION

This report discusses fieldwork observations made by Riverside Resources during November of 2019 on the Pichette property and showing located 60 km west of the mining town of Geraldton, Ontario. Pichette and area are in the Beardmore Geraldton Greenstone Belt which has produced over 4 million ounces historically. This report covers the results of a prospecting and sampling program, which took place in 2019 between October 28 and November 8th. The fieldwork to date the work was conducted by Freeman Smith, Alex Pleason and Ramin Ghaderpah, Will Smith, Mike Goodman, and Ted Cox. GIS support was completed on an ongoing basis by Ben Connor and Elena Rein between June 2019 and June 2020. The company applied for an early exploration permit on December 3, 2019. Due to COVID restrictions the company has not been able to meet with First nations to discuss and finalize exploration plans. The company did not complete exploration work on the claims in 2020/2021.

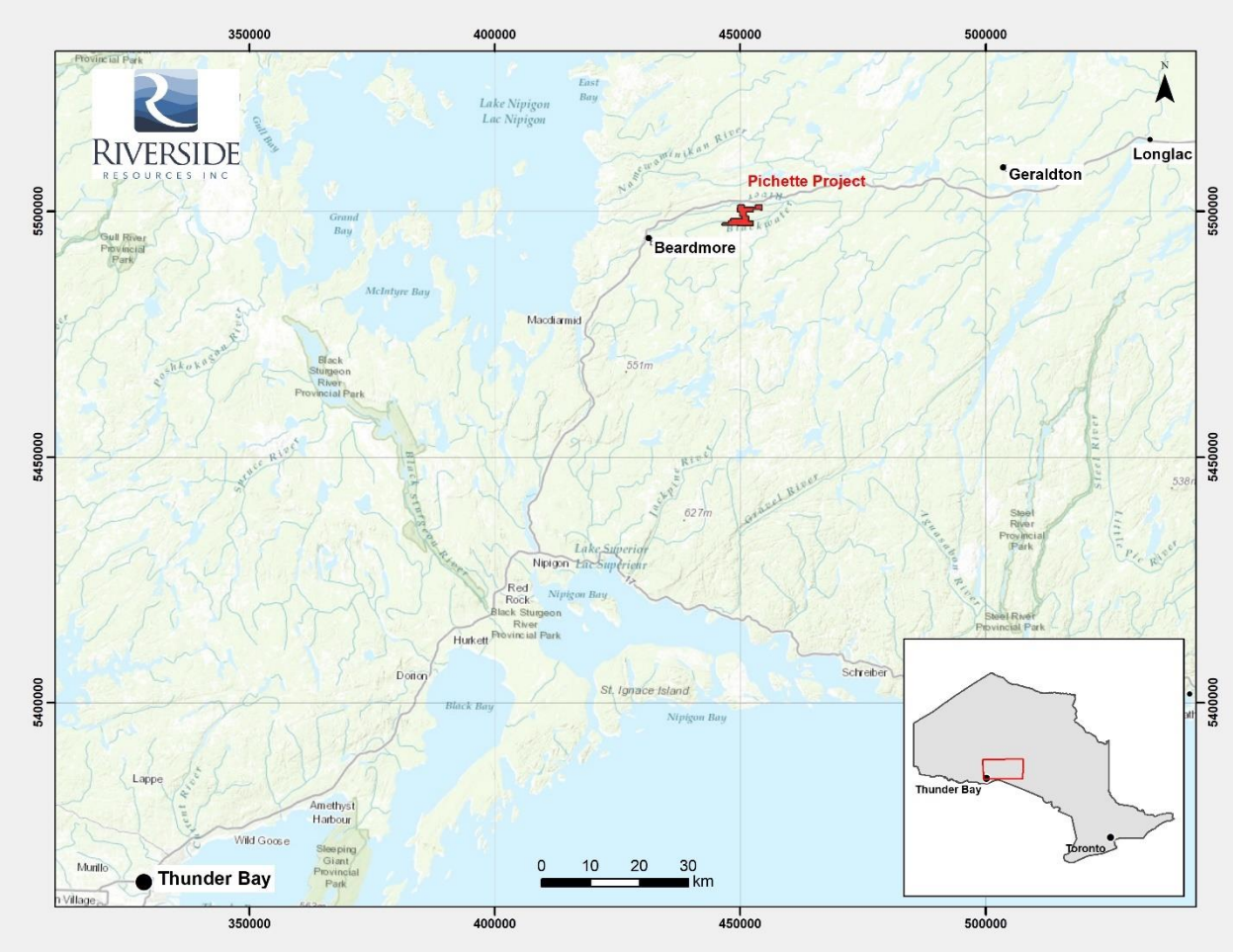

Figure 1: Pichette project location east of the village of Beardmore and Nipigon Lake

2.0 PROPERTY DESCRIPTION AND LOCATION

The Pichette Project is in the Vincent Township just south of Nezah and Canadian National Highway 11 about 60 km west of the mining town of Geraldton, Ontario. The Entire Pichette Property for the purposes of this filing comprises 3 mutli cell tenures totalling about 500 hectares which is part of the Thunder Bay Mining Division. This report filing for three claims 5599557, 711254 and 714422 (see Figure 2). The approximate UTM co-ordinates for the center of the property are: 451000E, 5500000N, Zone 16. The total work required for the 26 cells roughly 520 hectares is $10,400/year.

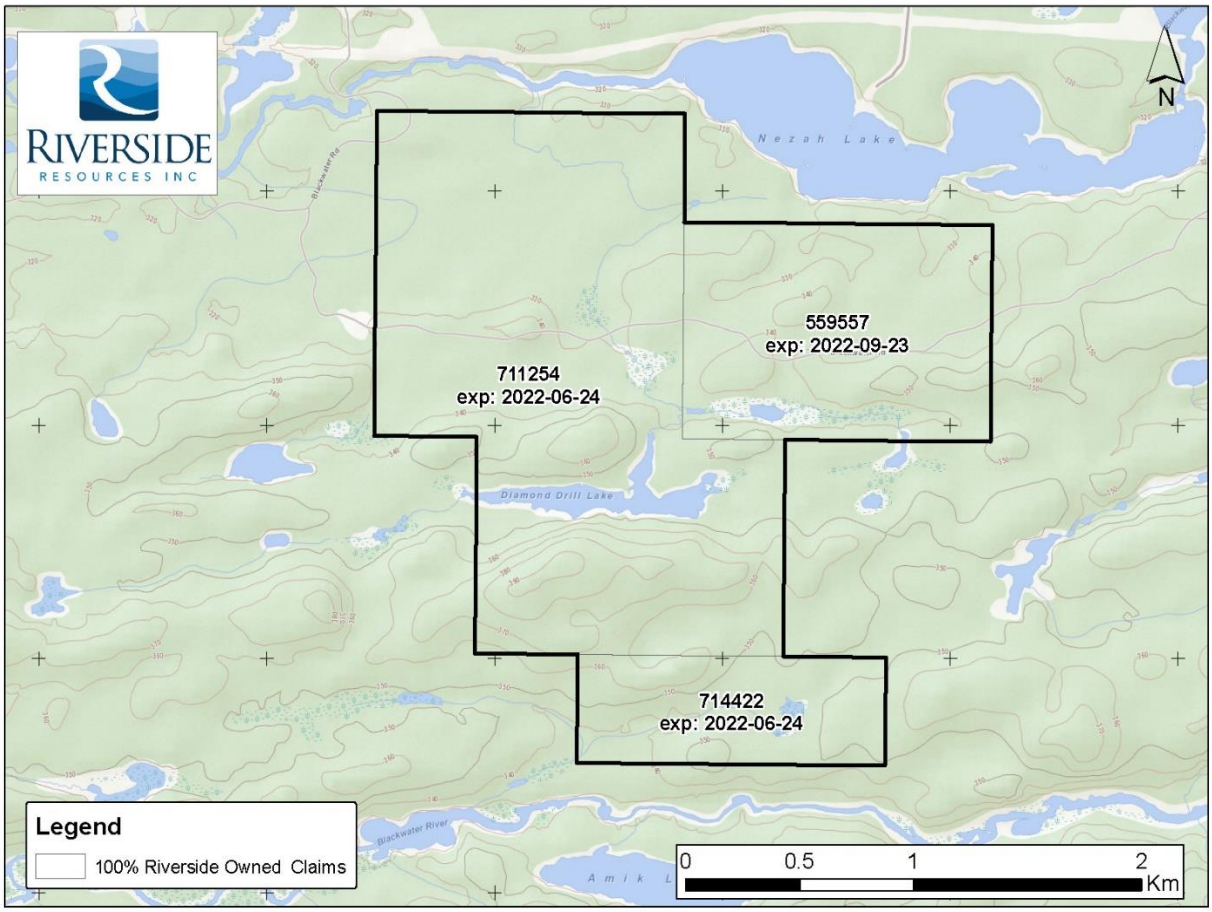

Figure 2: Claim map

Table 1: Pichette Claim list, Thunder Bay Mining Division

Township	Claim	Good to Date	Work required/yr.	Cells
VINCENT	559557	September 23, 2022	$3200	8
VINCENT	711254	June 24, 2022	$6000	15
VINCENT	714422	June 24, 2022	$1200	3

3.0 ACCESSIBILITY AND PHYSIOGRAPHY

The Pichette project is located south of Nezah approximately 35km east of Nipigon Lake. Nipigon Lake has a significant impact on the weather near Beardmore adding significant moisture to the air resulting in a lot of snowfall at Beardmore. The increase in snowfall seen at Beardmore does not appear to extend as far east as the property. During the spring, summer and fall season, the area can be accessed via 2-wheel drive vehicle from the Blackwater Road, which can be entered just west of Nezah off the Trans Canada highway 11. The Blackwater Road crosses the Blackwater River and transects the middle of the property and continues eastward beyond the project boundary. Year-round access to the Blackwater Road is excellent to support survey and drilling work during all seasons.

Temperatures range from highs of 37° C in summer to lows of -30° C in winter, with snow cover between November and May. The best season for exploration is between August and October (to avoid the bugs), though any snow-free month is good. In swampy areas exploration activities such as geophysical surveys and diamond drilling might best be conducted after winter freeze up. The Pichette property comprises undulating to rolling terrain with up to 30m of relief in some areas. A good portion of the project area is covered by logging clear-cuts but also old growth pine and mixed-deciduous forest. Cedar bogs occur along the southern property boundary.

4.0 PROJECT HISTORY

Prospectors were attracted to the area following the discovery of gold in the Beardmore and Geraldton areas in the 1930s. By 1931, T.W. Johnson discovered a high-grade auriferous vein North of Atigogama Lake which later became the Dik-Dik (orphan) Mine. Dik-Dik mine has produced 2,460 ounces of gold and 1,558 ounces of silver during 1934-1935 operations 3,525 tons of ore were milled. During 1934, Rene Maloney made a discovery of spectacular gold mineralization 3 km north of Twin Falls on what became the Maloney Sturgeon property. Barnum and Green staked adjoining claims which became the Sturgeon River Gold Mine. Most of the exploration activity was conducted during 1934 and contributed to a rush that resulted in the entire Beardmore-Jellicoe area being staked. A number of prospector reports for the area have been filed reporting high grade gold on and near the project area.

In **1983**, Canamax held the property and carried out ground geophysical surveys and some diamond drilling. Since then, some trenching was carried out by the Pichette family. In assessment work from 1992 by Pichette, reports state several areas of gold in bedrock were noted on the project area with the highest value of 0.3 oz/t in a sheared iron formation. Subsequent work in 1997 around the Pichette showing included trenching and sampling with values reported up to 16.5 g/t gold. The Main Zone is a broad shear zone up to 30 m wide striking 080 and dipping 65 degrees to the south. Gold is described as being associated with iron

carbonate, calcite, pyrrhotite, pyrite and minor chalcopyrite. Highly cartoidal, saccharoidal, quartz veins occur mainly discordant to shearing within the zone.

The Pichette Gold Showing occurs in an outcrop of friable, sheared mafic volcanics with very minor amounts of pyrite and pyrrhotite and traces of chalcopyrite. The shear strikes at about 080° and dips at 70° to 75° to the south. The rock can be easily crushed, and fine free gold can be panned. In the 1980s, Gordon Pichette installed a sluice box and attempted to recover gold, with limited success.

The 1**983** drilling (NQ) was conducted northeast of the Pichette showing. Eight drill holes, five of which are on Riverside's Pichette Project (990 feet), were completed targeting geophysical anomalies. From reviewing stored core in Thunder Bay, it appears some of the geophysical targets were graphitic zones within argillitic rock; however, gold was encountered in several of these historic holes. Alteration mineralogy comprises chlorite with sericite and carbonate being found within the mineralized shears/veins. Gold was also recorded in drill logs being associated with pyrrhotite stringer veins and in one hole with arsenopyrite and tourmaline quartz-carbonate veins. Core reviewed by Riverside comprised strongly foliated interbedded metasediments and metavolcanics showing strong silicification with sericite and both pyrite and pyrrhotite mineralization. Narrow asbestos veins are noted in hole P5-83 core which may indicate the presence of a mafic intrusion at depth. Drill logs state the holes were collared in metasedimentary rocks and drilled south into metavolcanic and porphyry intrusive rock (Intrusive rocks were noted in the field within the southwest quadrant of the project). Historical assays from the 1980s in both surface sampling and drill core indicate that gold mineralization is associated with elevated arsenic which is similar to mineralization style at the Hard Rock deposit to the east.

In **2012** Advandel Minerals Ltd. drilled three short holes (totalling 154m) on the Pichette Showing using a skid mounted, Hydracore recovering ATW core. Drill core returned a broad zone of modest chloritic alteration, shearing, weak sulphide mineralization and quartz ± calcite fracture-filling, which also contains erratically distributed anomalous but low gold values. The drill holes intersected several, bullish white quartz veins, none of which returned any gold values, except the vein between 38.5 and 39.0 metres in P12-02, which assayed 0.32 g/t over 0.5 metres. Hole P12-02 also intersected a narrow chert-magnetite iron formation from 42.2 to 42.5 metres. It did not contain any gold. Two of these three holes intersected a gold-bearing quartz veins with minor disseminated arsenopyrite near the top of the holes; returning 3 and 5 g/t gold.

5.0 REGIONAL GEOLOGY

The Pichette property is in the middle of the Beardmore-Geraldton Greenstone Belt (BGB) along the southern margin of the Archean Wabigoon subprovince, Superior Province, Ontario. The BGB comprises three panels of metasedimentary rocks, representing a southward transition from fluvial to deltaic to deep oceanic basin plain environments, overlying three panels of older, ca. 2725 Ma, metavolcanic rocks, representing back arc, island arc, and oceanic crust. Detrital zircon geochronology of the BGB and adjacent northern Quetico metasedimentary rocks suggests that these rocks formed from sediments derived by the erosion of ca. 2700 Ma to 2900 Ma source rocks and older >3200 Ma Mesoarchean craton of the eastern Wabigoon subprovince.

The emplacement of crosscutting 2694±1 Ma feldspar-quartz porphyry (FQP) dikes, marks the end of sedimentation in the belt. The panels were subsequently imbricated during an early thrusting event (D1) which ended with the emplacement of the stitching 2690±1 Ma of the Croll Lake stock. The composition of the FQP dikes and Croll Lake stock indicate a shift from tonalite-trondhjemite-granodiorite (TTG) suite to sanukitoid suite magmatism over a 4 Ma period. The formation of the sanukitoid melts, which involves the addition of a mantle melt component, is consistent with their generation during delamination or slab break-off as the BGB metavolcanic and metasedimentary panels were thrust imbricated and accreted to the Wabigoon subprovince during closure of the Quetico basin. These boundaries are often major fault breaks, which can host large gold resources as is found further to the east in the Abitibi Greenstone Belt (partial extraction from Toth, PhD thesis, 2019).

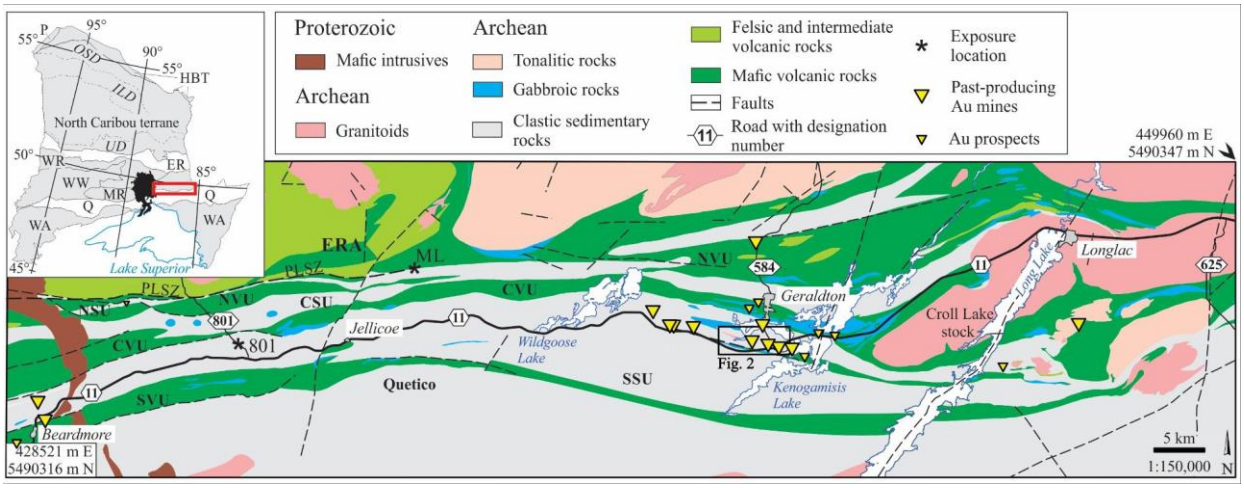

Figure 3: Regional geology of the Beardmore Geraldton Greenstone Belt showing the series of metasedimentary and metavolcanics panels

The sediments are comprised of Precambrian turbidite assemblages with interbeds of banded iron formation and lesser mafic volcaniclastic (Kresz & Zayachivsky, 1991). Semi-conformable sills of diorite/ gabbro, including quartz and quartz-feldspar porphyry intrude these formations.

Figure 4: showing the deformation in the meta-sedimentary units. The picture shown is about 1m by 0.6m. This exposure is from the Hardrock deposit in Geraldton, elsewhere at this exposure bedrock units show isoclinal folding, faulting and sulphide mineralization. Mineralization typically shows as rusty shears with quartz veining.

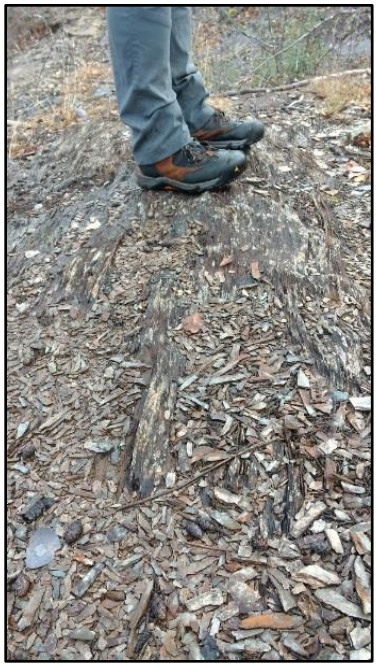

Figure 5a, b: Local and belt scale faulting has produced intense ductile deformation of the rocks in the Geraldton area, which is manifested as isoclinal, generally upright, poly harmonic folding of major lithologic units, penetrative deformation, folding and boudinage of veins. The degree of deformation is highly variable over relatively short distances; strain partitioning with different degrees and styles of deformation is apparent in deformed rocks that is dependent on both primary lithology and proximity to the Bankfield-Tombill Fault. The Bankfield-Tombill traverses the south edge of the belt and bifurcates around the Croll Lake.

Stock which is dated at 2690 Ma. Shearing at the Painter Lake fault to the north and the Bankfield-Tombill Fault to the south show strong foliation creating a brittle, fissile fabric as seen in Photo 2, taken from the Missing Link exposure on the 801 Road west of Geraldton. Figure 4 shows ductile nature of the bedrock and the several phases of folding. Gold mineralization within the belt generally occurs in association with subvertical structures associated with quartz veins or stringers, minor to semi-massive sulphides (associated with replacement zones in BIF), weak to moderate carbonate and weak to strong sericite alteration.

5.1 Project Geology

The project is underlain predominantly by east-west trending and steeply south to vertically dipping metavolcanic and metasedimentary rocks. Metavolcanic rocks consist of massive and pillowed, locally amygdaloidal, flows of basaltic composition along with related tuffaceous rocks. They are locally intercalated with coarser-grained rocks. Mafic metavolcanic rocks are fault-bounded against domains of metasedimentary rocks closer to the northern boundary of the project. The southern metasedimentary panel consists of a polymictic conglomerate and greywackes suggesting affinity with Timiskaming Formation conglomerates in the Timmins (Porcupine) Mining District. Metasedimentary units also contain feldspathic and quartzose sandstone and wacke, siltstone, carbonaceous argillite and hematitic iron formation. Intermediate to mafic intrusions cut the metavolcanic rocks on the southern part of the property and consist of quartz diorite, diorite and gabbro.

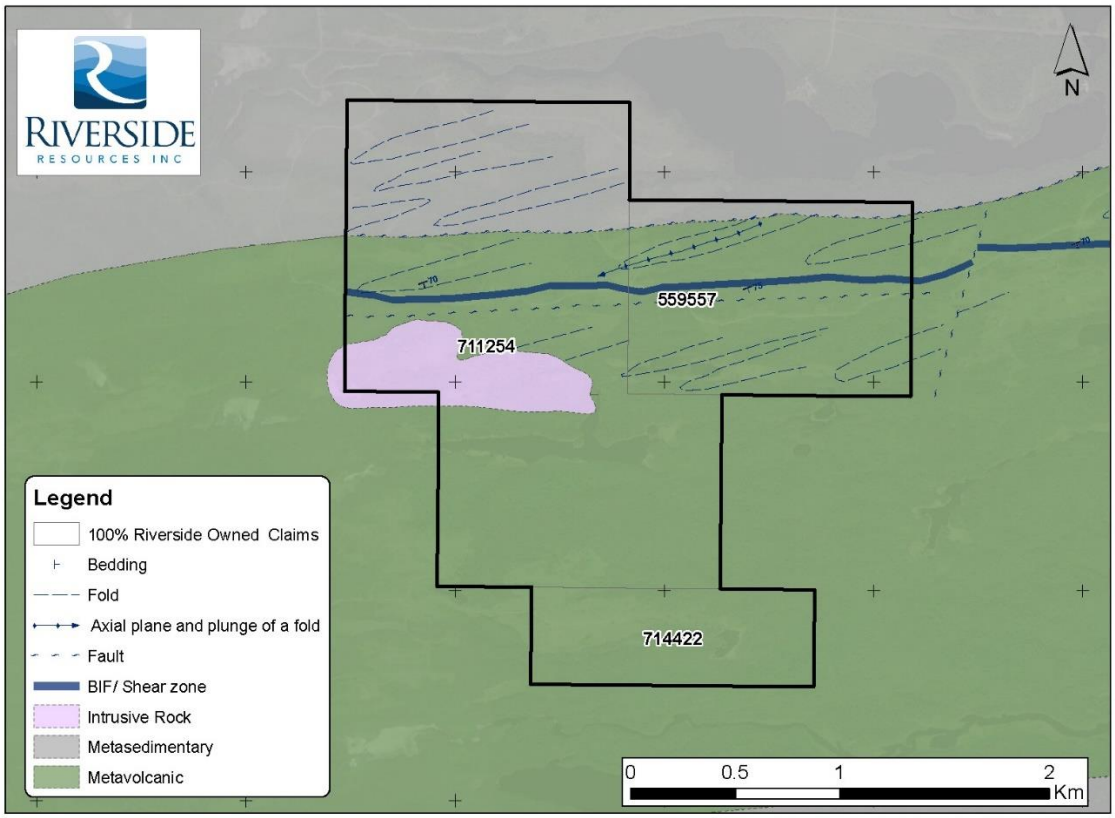

Figure 7: Generalized surface geology at Pichette

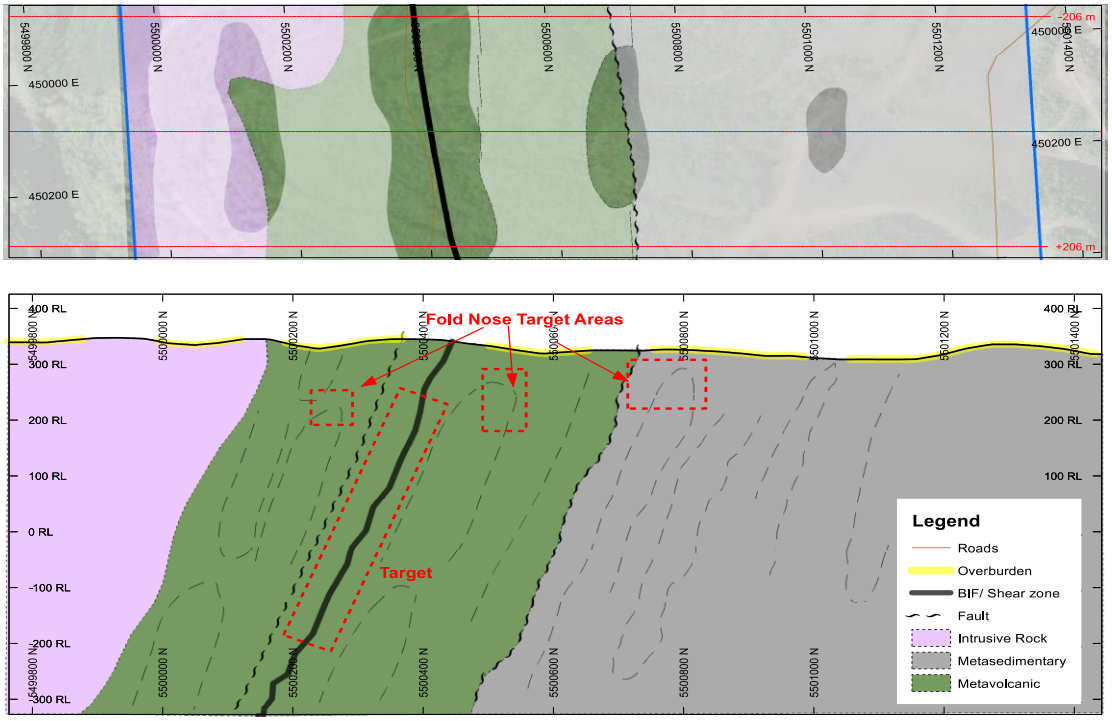

Figure 6: Generalized cross section of geology showing potential target locations

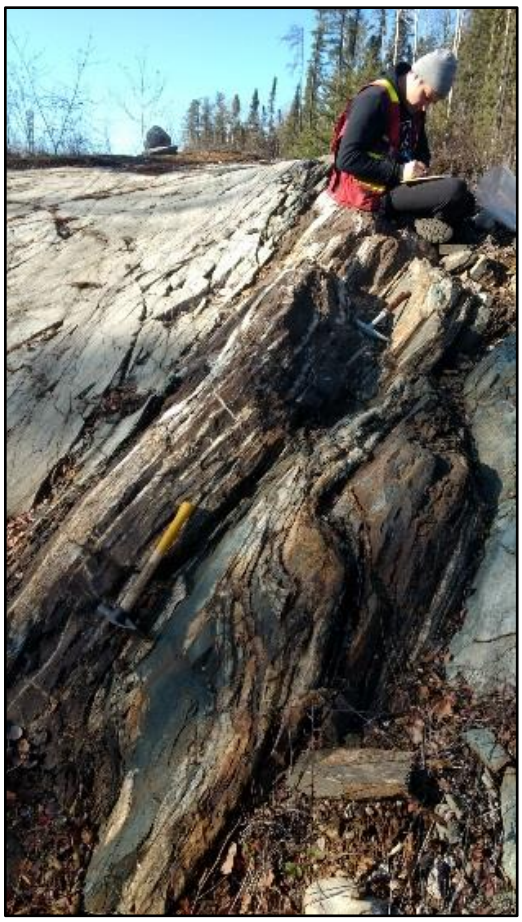

Figure 8: Banded Iron Formation

The Pichette project is transected by an east-west trending brittle and ductile shear zone (unnamed). Deformation can be traced across the project area from the Pichette showing to near the eastern boundary (see Photo 7). The previously cleared and trenched areas worked by others shows banded recrystallized chert-magnetite iron formation striking east-west. Gold mineralization is associated with strongly sheared mafic metavolcanics striking 80 degrees with iron carbonate, magnetite, pyrite, sometimes pyrrhotite and sometimes arsenopyrite. Commonly, quartz veins have intruded conformably with the metavolcanics and iron formation contact, minor quartz-stringer can be found crosscutting the banded iron formation. Iron Formation while not the host rock for gold appears to be a weaker unit that tends to be subject to deformation and shows best the folding and shearing within the bedrock. The volcanic and sedimentary units all show isoclinal folding with most units dipping steeply to the south and plunging gently to the west. Deformation has resulted in greenschist metamorphism of the bedrock and a strong east-west foliation fabric.

5.2 Deposits in the Beardmore-Geraldton Greenstone Belt

Both Beardmore and Geraldton have past producing gold mines of notable high-grade. The MacLeod-Cockshutt Mine at Geraldton, and the Central Patricia and Pickle Crow mines in Pickle Lake outside the BGB are non-stratiform deposits. Non-stratiform deposits contain sulfide-rich alteration zones immediately adjacent to late structures and are like mesothermal vein-type gold deposits. Late quartz veins and/or shear zones are present in most known BIF-hosted gold deposits. The distributions of gold-bearing veins and sulfide-rich zones are commonly controlled by fold structures. Major faults of regional scale have been recognized near many non-stratiform deposits. Irregular, massive lenses of sulfides and quartz occur in a folded series of greywacke and iron formation in the Hard Rock and MacLeod-Cockshutt mines (Horwood and Pye, 1951). These massive replacement lenses (up to 65%, sulfides) cut the folded iron formation and are related to quartz-carbonate veins up to 0.6 m wide. Veins are usually barren of gold mineralization except where they contain sulfides; primarily pyrite, arsenopyrite and pyrrhotite.

In other areas mineralization in veins and shears is found in metavolcanic rocks often in association with contact zones between mafic and felsic rocks. Figure 6 below shows the mineral occurrences in the BGB belt all within proximity to Highway 11.

The Geraldton region has a long and rich mining history and has produced 4.1 million ounces of gold over the past 100 years including the combined MacLeod-Cockshutt Mine, which produced 1.5 million ounces of gold up to 1970. More recently, the Hardrock Project held by Greenstone Gold Mines has elevated attention to the area by announcing their intention to mine their gold resource near Geraldton, Ontario. Greenstone Gold Mines is a 60/40 partnership between Equinox Gold and Orion Mine Finance. The Hardrock Project hosts 4.5M ounces in probable reserves and mineral resources 4M ounces in resources (measured and indicated). Mineralization at Hardrock is hosted in several bedrock types but primarily in tightly, folded metasedimentary rocks and metavolcanic and porphyritic rocks.

6.0 RIVERSIDE EXPLORATION WORK

Riverside's first phase of work included reviewing the historical core and old workings in addition to prospecting, mapping, and sampling. The recent work confirmed two previously identified areas in addition to several new mineralized exposures. There are two predominant target orientations on the project: (1) east-west shears often related to banded iron formation and contact zones; and (2) smaller cross-cutting faults that strike at 030 degrees northeast. Several of the old drill collars were located in the field and the core from a 1983 diamond drilling campaign is stored in the Ministry of Northern Development and Mines core warehouse in Thunder Bay which was examined as part of the field review.

Riverside also as part of the exploration preparation loaded all the last drilling location and assays into a GIS program for assisting with subsequent programs.

Riverside's next phase of exploration would include program refinement and follow-up survey work and drill target refinement. There are several large (3m wide) shear zones defined by strongly foliated material which does not appear to have been subject to past exploration. Shears were noted to be located along the boundary of iron formations as at the Pichette showing and pose prospective although this has been looked at in the past. Where the east-west trending regional shears intersect northeast trending, faults form another area for future detailed exploration. The contact zone between metasedimentary and metavolcanic rocks was tested once in 1983 and returned positive results for gold. This contact zone comprises one the better targets for gold mineralization on the property.

The rock samples were dropped off at Activation Laboratories Ltd. of Thunder Bay Ontario, who is accredited certification ISO 17025:2005. Each sample is first weighed, and the weight recorded. It is then put into a steel pan for handling with an identification tag attached. The sample is crushed in a jaw crusher (and cone crusher, if required) set at 6 mesh (Taylor) or 3.3 mm. The

crusher(s) is thoroughly cleaned before and after each sample. The crushed sample is quartered with a 0.75 in (1.91 cm) riffle and a subsample of 200 to 300 grams is placed into another clean steel pan with an identification tag. The subsample is pulverised in a stainless-steel rotary shatter box to 95% minus 74 microns. The shatter box is cleaned with silica sand before and after each sample. The subsample is mixed and quartered again to about 50 gram in a stainless-steel riffler. Rejects are combined with the original sample. The main sample is bagged in a polyethylene bag and stored in a covered 5-gallon plastic container. Act Labs inserts internal standard and blanks into each sample batch for quality control.

Table 2: Sample sites and descriptions

Sample ID	Au ppb	Easting	Northing	Rock Type	Comments
887132	< 5	451964	5500364	MSED	QBS, Po
887133	< 5	451938	5500349	MSED	schist, 1% po, 070/80S
887134	< 5	451933	5500337	MSED	foliated metaseds, 090/80N
887135	< 5	451854	5500329	QV	sugary quartz, 090/85S
887136	< 5	451143	5500307	QV	qtz vein, sugary 1% po, 070/90
887139	< 5	450708	5500658	QV	
887142	< 5	453135	5500469	QV	qtz vein, sugary 1% po, 080/76S
887147	< 5	449539	5500422	BIF	bif Py 096/60S
887148	< 5	449920	5500567	MSED	vuggy QV in MSED, weather calcite, no sulphides
887149	< 5	449903	5500625	BIF	with sugary quartz extremely fractured, with K-spar
1192254	< 5	451554	5500315	MSED	minor diss <1% pyrite
1192255	45	451500	5500326	MVOL	very silicious, amphibolite?? Wk. foliation, diss. pyrite
1192256	70	451519	5500327	MSED	str. Sheared biotite schist, med. grained, 2% pyrite throughout associated to qtz fracture fills
1192258	7	451524	5500322	MSED	QV parallel to foliation of MSED, trace pyrite
1192259	5	450884	5500461	MSED	shear zone with qv, no sulphides
1192260	< 5	450285	5500395	MSED	py in str. sheared biotite schist, rusty with hematite and 10cm QV smokey
1192262	10	449638	5500519	MSED	Grab from East side of stripped area. Narrow gossan shear
1192263	< 5	449672	5500426	QV	Qtz grab from 5m long old E/W trench, Rubble pile
1192264	< 5	449672	5500426	MVOL	Silicified wall rock beside qtz vein from rubble pile tr pyrite
1192265	< 5	449838	5500602	QV	glassy fractured qtz vein 3cm wide, tr chalcopyrite
1192266	< 5	449934	5500650	QV	5cm wide qtz veins, red staining, 080/40 S
1192267	< 5	449999	5500593	QV	Glassy brown qtz vein, 5m west of 0.6m wide bull qtz
1192268	16	450061	5500593	MSED	Stripping Target, wall mineralized rotten gossan shear
1192270	7	450082	5500504	BIF	Orange BIF
1192271	19	450086	5500498	BIF	Orange BIF, fresher, not rusted
1192287	19	451143	5500314	QV	orange qtz vein, w <1% pyrite in fractures

No fieldwork was conducted in 2020 or 2021 because of COVID restrictions. The company did apply for an early exploration permit and had a couple of conversations with First Nations out of Beardmore however a face-to-face meeting could not be organized, and the permit remains on hold for the time being.

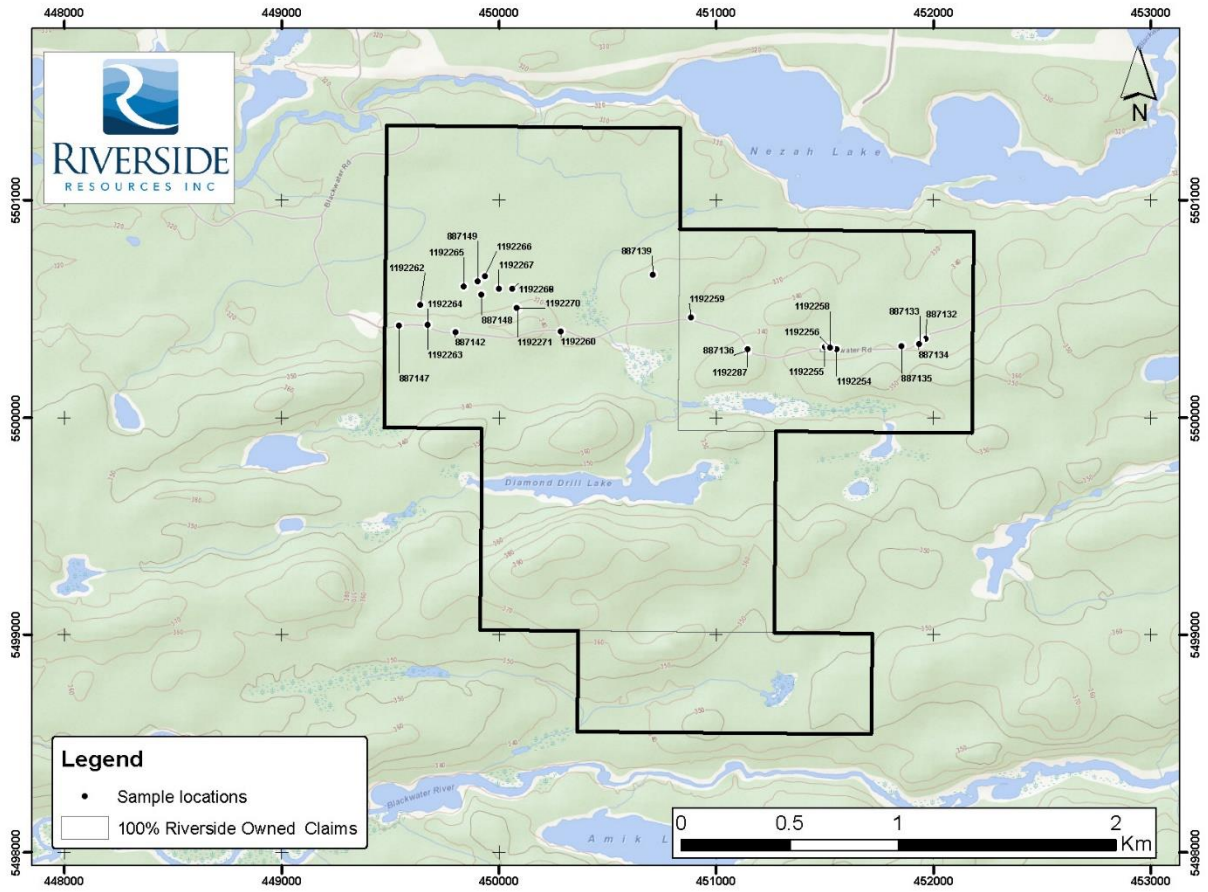

Figure 9: Project sampling map from Table 2.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Pichette project is an early exploration project which has seen some exploration in the past. Past work has focused on the Pichette Showing and on banded iron formation units. Gold does not appear to be concentrated in the main east-west BIF zones and shears that transects the BIF, but rather in parallel structures and along geological contacts. There has been a number of high-grade samples taken from several different outcrops in the western portion of the project. From reviewing the old core and field showings gold appears associated with quartz veins along geological contacts where sulphides are present.

Future exploration should focus on subsidiary structures associated with the main east-west structure and the contact between the metasedimentary and metavolcanic contact zone in the northern portion of the project and not focus so much on the BIF. Defining these contacts could be easily completed with an inexpensive Mag/VFL survey which could be followed up with stripping and sampling, or if bedrock is not easily exposed with an induced polarization survey which would define structures and contacts zones that host sulphide mineralization.

8.0 REFERENCES

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APPENDIX A

LIST OF PERSONNEL WORKED ON EXPLORATION WORK

1. Alexander Pleson, P.Geo., - Geologist of Nipigon, ON
2. Freeman Smith, P.Geo., - Geologist of Port Moody, BC
3. Brad Goodman - Prospector of Beardmore, Ontario
4. Ted Cox – Geophysicist of Beardmore, Ontario
5. Will Smith-Junior Geologist of Thunder Bay, Ontario

Pichette Daily Log, Riverside Resources Inc.		
Freeman Smith	21-Oct-19	reconnaissance roadside geology
Freeman Smith	22-Oct-19	reconnaissance roadside geology
Freeman Smith	23-Oct-19	Review drill Pichette core onsite
Freeman Smith	24-Oct-19	reviewing Pichette showing
Freeman Smith	25-Oct-19	sampling old trenches
Alex Pleason	25-Oct-19	sampling old trenches
Freeman Smith	26-Oct-19	Prospecting, sampling
Will Gregorash	26-Oct-19	Prospecting, sampling
Freeman Smith	27-Oct-19	Prospecting, sampling
Alex Pleason	27-Oct-19	Prospecting, sampling
Ted Cox	27-Oct-19	Prospecting, sampling
Brad Goodman	27-Oct-19	Prospecting, sampling
Freeman Smith	28-Oct-19	Prospecting, mapping
Freeman Smith	29-Oct-19	Prospecting, mapping
Brad Goodman	29-Oct-19	Prospecting, sampling
Ted Cox	29-Oct-19	Prospecting, sampling
Will Gregorash	29-Oct-19	Prospecting, sampling
Freeman Smith	30-Oct-19	Core review Library in Tbay
Freeman Smith	1-Nov-19	Core review Library in Tbay
Freeman Smith	17-Feb-20	Assay Review Compiled notes generating spreadsheets
Freeman Smith	18-Feb-20	Assay Review Compiled notes generating spreadsheets
Freeman Smith	19-Feb-20	Assay Review Compiled notes generating spreadsheets
Freeman Smith	20-Feb-20	Generating plan maps, sections and descriptions
Freeman Smith	21-Feb-20	Generating plan maps, sections and descriptions
Freeman Smith	27-Feb-20	reporting on data
Freeman Smith	28-Feb-20	reporting on data
Freeman Smith	15-Jun-20	Pichette, field visit review of sample sites
Freeman Smith	6-Jul-20	GIS Compilation
Freeman Smith	7-Jul-20	GIS Compilation
Freeman Smith	8-Jul-20	GIS Compilation
Freeman Smith	14-Jul-20	map and figure preparation
Freeman Smith	15-Jul-20	map and figure preparation
Freeman Smith	16-Jul-20	map and figure preparation
Freeman Smith	17-Jul-20	map and figure preparation
Freeman Smith	18-Jul-20	map and figure preparation
Freeman Smith	19-Jul-20	Assessment Report compilation
Freeman Smith	20-Jul-20	Assessment Report compilation
Freeman Smith	21-Jul-20	Assessment Report compilation
Freeman Smith	22-Jul-20	Assessment Report compilation
Freeman Smith	23-Jul-20	Assessment Report compilation
Freeman Smith	24-Jul-20	Assessment Report compilation
Freeman Smith	27-Jul-20	Assessment Report compilation
Freeman Smith	28-Jul-20	Assessment Report compilation
Freeman Smith	29-Jul-20	Assessment Report compilation
Freeman Smith	30-Jul-20	Assessment Report compilation

APPENDIX B: CERTIFICATE OF AUTHOR

I, Freeman Smith, P.Geo., as an author of this report regarding the exploration project in the Thunder Bay Mining District, Northwestern Ontario, Canada; do hereby certify that:

1. I am a consulting geologist at Omni Resource Consulting Ltd. of Port Moody, BC, Canada, V3H 0G6

2. I have B.Sc. degree in Geology from the University of British Columbia, 1991.

3. I am registered as a Professional Geologist in BC (License #: 100829).

4. I have been practicing as a professional since 1999 and have over 20 years of experience in mineral exploration.

1. The exploration work was carried out under my supervision, and I was on site through the duration of the project.

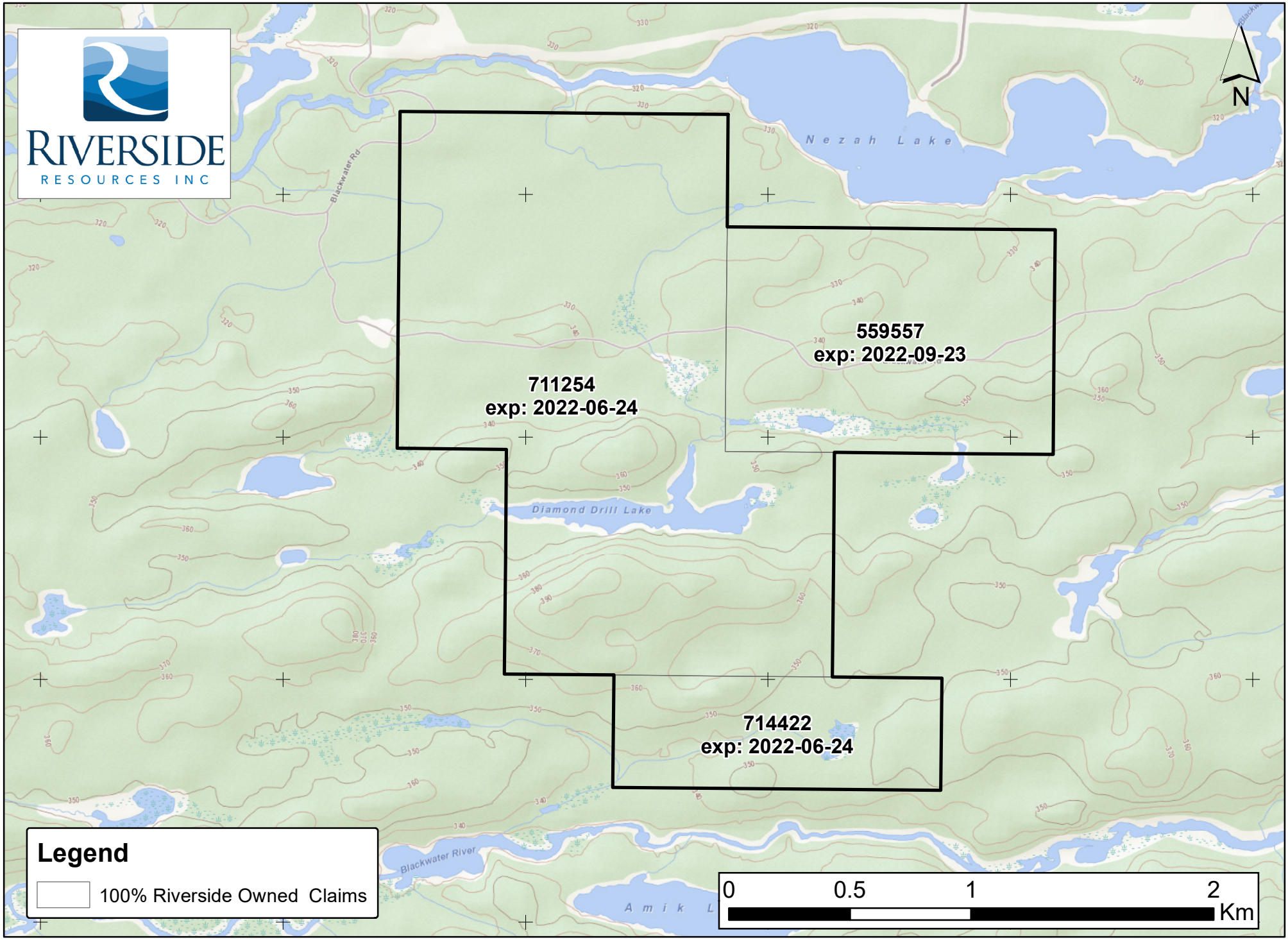
Dated March 12th, 2022

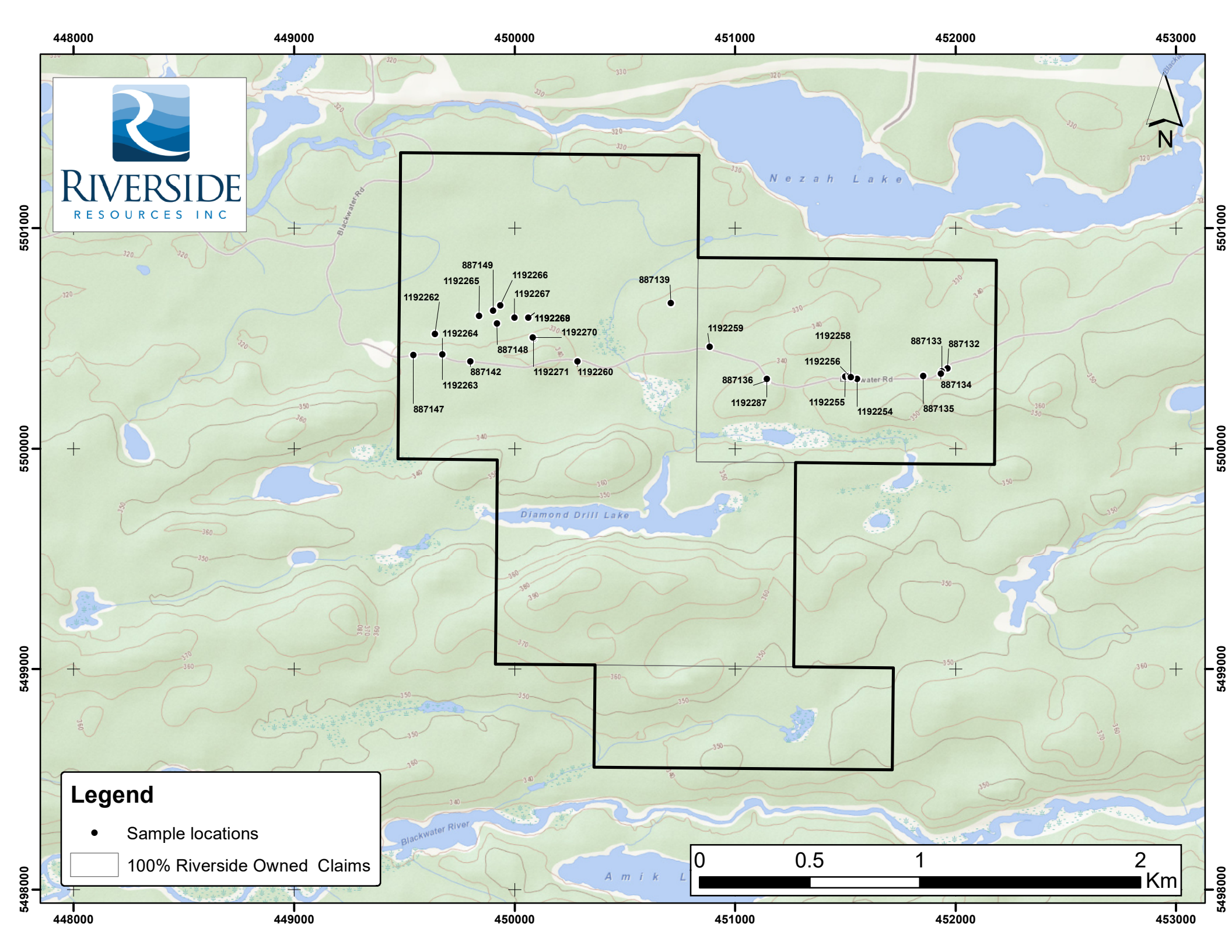
Signed: 'Freeman Smith'

APPENDIX C: STATEMENT OF EXPENDITURES

Date from	Date to	Total days	Personal	Task
28-Oct-21	2-Nov-19	2	Alex Pleason	Geologist, mapping prospecting
28-Oct-21	3-Nov-19	2	Will Smith	Assistant Geologist, mapping prospecting
28-Oct-21	3-Nov-19	2	Ted Cox	Prospecting, sampling
28-Oct-21	3-Nov-19	2	Brad Goodman	Prospector, sampling
20-Oct-21	10-Nov-19	10	Freeman Smith	mapping, sampling
2-Dec-19	6-Dec-19	10	Freeman Smith	compiling data and maps
17-Feb-20	21-Feb-20	10	Freeman Smith	Geological compilation
6-Jul-20	28-Jul-20	17	Freeman Smith	reporting analyzing data and results, GIS maps and figures

ITEM	COST	
Food/Meals	$	506
Accommodation	$	1,281
Field Supplies	$	367
Transportation (ATV, Trucks, Rentals, gas)	$	2,196
Laboratory (assays)	$	1,650
Labor	$	27,000
Total	**$**	**33,000**


RIVERSIDE
RESOURCES INC
N
Nezah Lake
Blackwater Rd
559557
exp: 2022-09-23
711254
exp: 2022-06-24
Diamond Drill Lake
714422
exp: 2022-06-24
Blackwater River
Amik L
Legend
100% Riverside Owned Claims
0
0.5
1
2
Km


448000
449000
450000
451000
452000
453000
5501000
5500000
5499000
5498000
RIVERSIDE
RESOURCES INC
N
Nezah Lake
Blackwater Rd
Diamond Drill Lake
Blackwater River
887149
1192265
1192266
1192267
1192262
1192268
1192264
1192270
887148
887142
1192271
1192260
1192263
887147
887139
1192259
1192258
887133
887132
1192256
887136
887134
1192287
1192255
1192254
887135
Legend
Sample locations
100% Riverside Owned Claims
0
0.5
1
2
Km

Riverside Resources Inc. Pichette Project (Report ID 4451)

Riverside collected and analyzed **26 rock samples** from claims 559557, 711254, 714422. The saw cut samples were taken from road cuts on the Blackwater Road.

Sample ID	Au ppb	Easting	Northing	Rock Type	Sample type	Comments
887132	< 5	451964	5500364	Meta. Sediment	Grab	QBS, Pyrrhotite (Po)
887133	< 5	451938	5500349	Meta. Sediment	Grab	schist, 1% po, 070/80S
887134	< 5	451933	5500337	Meta. Sediment	Grab	foliated metaseds, 090/80N
887135	< 5	451854	5500329	Quartz. Vein	Grab	sugary quartz, 090/85S
887136	< 5	451143	5500307	Quartz. Vein	Grab	quartz vein, sugary 1% po, 070/90
887139	< 5	450708	5500658	Quartz. Vein	Grab	
887142	< 5	453135	5500469	Quartz. Vein	Grab	quartz vein, sugary 1% po, 080/76S
887147	< 5	449539	5500422	Banded Iron Fm.	Grab	banded iron formation (BIF) with Pyrite (Py) at 096/60S
887148	< 5	449920	5500567	Meta. Sediment	Grab	vuggy QV in Meta-sedimentary rock, weather calcite, no sulphides
887149	< 5	449903	5500625	Banded Iron Fm.	Grab	with sugary quartz extremely fractured, with potassium feldspar
1192254	< 5	451554	5500315	Meta. Sediment	Saw cut Channel	minor disseminated <1% pyrite
1192255	45	451500	5500326	Meta. Volcanic	Saw cut Channel	very silicious, BIF with weak foliation, diss. pyrite
1192256	70	451519	5500327	Meta. Sediment	Saw cut Channel	Sheared biotite schist, med. grained, 2% pyrite throughout assoc. qtz fracture fills
1192258	7	451524	5500322	Quartz. Vein	Saw cut Channel	QV parallel to foliation of Metasedimentary rock, trace pyrite
1192259	5	450884	5500461	Quartz. Vein	Saw cut Channel	shear zone with qv, no sulphides
1192260	< 5	450285	5500395	Quartz. Vein	Saw cut Channel	Py in str. sheared biotite schist, rusty with hematite and 10cm QV smokey
1192262	10	449638	5500519	Quartz. Vein	Grab	Grab from East side of stripped area. Narrow gossan within shear
1192263	< 5	449672	5500426	Quartz. Vein	Grab	Quartz grab from 5m long old E/W trench, Rubble pile
1192264	< 5	449672	5500426	Meta. Volcanic	Grab	Silicified wall rock beside quartz vein from rubble pile tr pyrite
1192265	< 5	449838	5500602	Quartz. Vein	Saw cut Channel	glassy fractured quartz vein 3cm wide, trace chalcopyrite?
1192266	< 5	449934	5500650	Quartz. Vein	Saw cut Channel	5cm wide qaurtz veins, red staining, 080/40 S
1192267	< 5	449999	5500593	Quartz. Vein	Saw cut Channel	Glassy brown quartz vein, 5m west of 0.6m wide bull qtz
1192268	16	450061	5500593	Meta. Sediment	Saw cut Channel	Stripping Target, wall mineralized rotten gossan shear
1192270	7	450082	5500504	Banded Iron Fm.	Saw cut Channel	Orange BIF
1192271	19	450086	5500498	Meta. Sediment	Saw cut Channel	Orange BIF, fresher, not rusted
1192287	19	451143	5500314	Quartz. Vein	Saw cut Channel	orange quartz vein, w <1% pyrite in fractures

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Jul-19
Invoice No.: A19-08773-1E3
Invoice Date: 06-Aug-19
Your Reference:

Riverside Resources
550-800 West Pender St
Vancouver BC v6v2v6
Canada

ATTN: Freeman Smith

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

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

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A19-08773-1E3**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
887001	< 0.2	< 0.5	82	271	2	60	4	26	3.97	145	< 10	173	0.9	< 2	1.02	17	94	4.78	10	1	1.15	29	1.56
887002	0.2	< 0.5	72	425	< 1	65	6	38	1.71	< 2	< 10	93	< 0.5	< 2	0.73	14	103	3.01	< 10	< 1	0.25	11	1.11
887003	< 0.2	< 0.5	6	45	5	5	< 2	2	0.02	< 2	< 10	< 10	< 0.5	< 2	0.01	< 1	65	0.39	< 10	< 1	< 0.01	< 10	< 0.01
887004	0.3	< 0.5	87	652	3	40	< 2	124	3.53	< 2	< 10	70	< 0.5	2	1.15	29	86	6.97	10	< 1	1.61	15	1.90
887005	0.2	< 0.5	79	1370	< 1	10	5	64	2.76	2	< 10	158	< 0.5	3	1.75	9	39	8.12	< 10	2	0.34	< 10	1.38
887006	< 0.2	< 0.5	35	98	4	4	< 2	4	0.09	< 2	< 10	17	< 0.5	< 2	0.07	3	58	1.24	< 10	< 1	0.02	< 10	0.05
887007	0.4	< 0.5	58	269	2	9	6	57	0.81	4	< 10	16	< 0.5	< 2	0.11	101	15	5.67	< 10	1	0.34	17	0.44
887008	< 0.2	< 0.5	49	637	< 1	21	< 2	64	2.51	< 2	< 10	163	< 0.5	< 2	1.41	19	41	4.75	< 10	< 1	0.81	13	1.53
887009	< 0.2	< 0.5	38	153	3	4	< 2	9	0.08	< 2	< 10	< 10	< 0.5	3	0.15	3	46	1.88	< 10	< 1	0.03	< 10	0.04
887010	< 0.2	< 0.5	12	86	5	6	< 2	4	0.14	3	< 10	< 10	< 0.5	< 2	0.16	2	70	0.57	< 10	< 1	< 0.01	< 10	0.08
887011	< 0.2	< 0.5	28	98	3	4	23	53	0.10	59	< 10	13	< 0.5	< 2	0.26	3	36	0.61	< 10	< 1	0.02	< 10	0.05
887012	1.7	1.6	194	449	2	17	47	174	1.40	125	< 10	45	< 0.5	< 2	2.47	15	49	3.27	< 10	< 1	0.34	< 10	1.21
887013	< 0.2	< 0.5	4	68	4	3	< 2	5	0.04	< 2	< 10	10	< 0.5	< 2	0.04	< 1	59	0.46	< 10	< 1	0.02	< 10	0.02
887014	0.8	< 0.5	694	786	2	462	< 2	36	1.57	3	< 10	< 10	< 0.5	5	2.53	182	64	9.79	< 10	< 1	0.88	< 10	0.99
887015	0.2	< 0.5	4	53	4	3	< 2	2	0.04	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	52	0.40	< 10	< 1	0.01	< 10	0.02
887016	0.2	< 0.5	146	928	< 1	102	< 2	107	5.02	< 2	< 10	163	< 0.5	3	2.57	43	307	8.39	10	3	0.53	< 10	4.26
887101	< 0.2	0.5	11	243	2	21	< 2	18	1.73	45	< 10	67	< 0.5	< 2	0.64	20	61	3.00	< 10	< 1	0.38	11	1.22
887102	< 0.2	< 0.5	2	99	4	4	< 2	3	0.06	< 2	< 10	12	< 0.5	< 2	0.03	2	55	0.47	< 10	< 1	< 0.01	< 10	0.05
887103	< 0.2	< 0.5	19	249	4	14	< 2	4	0.34	< 2	< 10	53	< 0.5	< 2	0.38	4	74	0.94	< 10	< 1	0.15	< 10	0.24
887104	0.3	< 0.5	113	1070	< 1	57	< 2	73	2.11	4	< 10	48	3.3	< 2	5.93	29	63	7.91	< 10	2	0.18	< 10	2.24
887105	0.2	< 0.5	128	888	< 1	86	29	96	3.61	2	< 10	45	< 0.5	< 2	2.01	31	134	5.78	< 10	1	1.92	11	2.25
887106	< 0.2	< 0.5	188	367	3	35	20	83	0.59	< 2	< 10	82	< 0.5	< 2	0.95	26	69	2.07	< 10	< 1	0.29	< 10	0.45
887107	0.4	< 0.5	109	2300	< 1	48	< 2	106	3.57	< 2	< 10	26	< 0.5	5	3.28	14	97	12.4	< 10	2	0.56	10	1.83
887108	0.4	< 0.5	49	573	< 1	30	4	27	1.86	< 2	< 10	139	< 0.5	12	1.38	14	95	2.68	< 10	< 1	0.48	< 10	0.95
887051	< 0.2	< 0.5	64	244	2	48	5	27	3.70	122	< 10	202	0.8	< 2	0.56	13	103	4.34	10	2	1.34	26	1.46
887052	< 0.2	< 0.5	102	224	3	51	12	188	2.76	38	< 10	79	0.5	< 2	0.77	19	99	4.28	< 10	2	0.49	38	1.27
887053	1.7	2.5	60	1200	< 1	60	979	733	2.86	45	< 10	35	< 0.5	< 2	1.92	26	117	6.41	< 10	1	0.10	< 10	1.66
887054	1.4	1.0	35	1060	< 1	36	958	505	2.37	35	< 10	42	< 0.5	2	1.80	16	100	5.24	< 10	1	0.11	< 10	1.37
887055	0.2	< 0.5	37	439	< 1	64	11	43	1.66	12	< 10	38	< 0.5	< 2	1.56	11	112	12.6	< 10	2	0.15	13	1.45
887056	< 0.2	< 0.5	14	511	3	12	5	29	0.91	79	< 10	32	< 0.5	5	1.07	5	46	2.36	< 10	< 1	0.14	< 10	0.54
887057	< 0.2	0.7	72	723	3	20	7	312	1.11	5	< 10	25	< 0.5	< 2	1.93	18	46	2.52	< 10	< 1	0.11	10	0.29
887058	0.4	< 0.5	78	911	< 1	20	< 2	59	1.88	7	< 10	20	< 0.5	< 2	2.00	14	43	4.49	< 10	2	0.07	< 10	0.96
887059	< 0.2	< 0.5	72	958	1	34	< 2	88	1.76	6	< 10	30	< 0.5	4	1.84	21	47	6.42	< 10	1	0.14	10	0.85
887060	< 0.2	< 0.5	60	744	< 1	16	< 2	58	1.91	< 2	< 10	29	< 0.5	< 2	1.90	11	39	4.40	< 10	< 1	0.11	< 10	0.75
887061	< 0.2	< 0.5	64	775	< 1	36	< 2	130	1.80	3	< 10	60	< 0.5	4	0.92	25	58	5.02	< 10	2	0.33	< 10	1.35
887062	0.3	< 0.5	177	113	4	21	11	25	0.19	< 2	< 10	26	< 0.5	18	0.16	20	52	2.02	< 10	< 1	0.07	< 10	0.11
887063	0.3	< 0.5	84	742	2	23	< 2	45	1.82	< 2	< 10	222	< 0.5	< 2	1.16	9	78	3.91	< 10	< 1	0.88	10	1.05
887064	< 0.2	< 0.5	79	1220	2	48	< 2	46	1.84	< 2	< 10	355	< 0.5	< 2	5.62	21	98	5.67	< 10	< 1	0.32	22	2.23
887065	< 0.2	< 0.5	34	681	< 1	42	6	85	2.69	< 2	< 10	66	< 0.5	3	2.06	19	86	5.06	< 10	< 1	0.26	15	1.88
887066	0.2	< 0.5	139	975	< 1	55	< 2	103	3.28	< 2	< 10	51	< 0.5	3	0.90	43	118	7.15	10	1	0.29	11	1.33

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
887001	0.162	0.055	0.03	3	8	49	0.19	< 20	< 1	< 2	< 10	66	< 10	10	4
887002	0.056	0.073	0.27	2	6	142	0.33	< 20	3	< 2	< 10	50	< 10	9	16
887003	0.024	0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	< 1
887004	0.306	0.040	0.69	< 2	12	15	0.33	< 20	< 1	< 2	< 10	130	< 10	10	11
887005	0.271	0.062	0.23	3	13	16	0.14	< 20	< 1	< 2	< 10	92	< 10	12	12
887006	0.025	0.005	0.14	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	1
887007	0.095	0.029	2.98	< 2	6	7	0.10	< 20	< 1	< 2	< 10	35	< 10	7	55
887008	0.271	0.084	0.06	< 2	14	14	0.27	< 20	< 1	< 2	< 10	116	< 10	14	10
887009	0.019	0.001	0.86	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	1
887010	0.031	0.005	< 0.01	< 2	< 1	1	0.01	< 20	< 1	< 2	< 10	7	< 10	2	< 1
887011	0.031	0.002	0.02	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	8	< 10	1	1
887012	0.083	0.034	0.59	< 2	5	13	0.12	< 20	2	< 2	< 10	59	< 10	7	13
887013	0.024	0.002	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1
887014	0.139	0.048	5.37	4	8	20	0.15	< 20	6	< 2	< 10	66	20	8	15
887015	0.025	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	1
887016	0.074	0.027	0.29	3	23	16	0.29	< 20	< 1	< 2	< 10	221	< 10	9	3
887101	0.085	0.027	< 0.01	< 2	3	14	0.08	< 20	< 1	< 2	< 10	31	< 10	8	18
887102	0.022	0.001	< 0.01	< 2	< 1	4	< 0.01	< 20	< 1	< 2	< 10	3	< 10	< 1	< 1
887103	0.054	0.014	0.02	< 2	2	6	0.05	< 20	< 1	< 2	< 10	19	< 10	2	7
887104	0.190	0.043	0.03	3	29	109	0.04	< 20	< 1	< 2	< 10	158	< 10	29	25
887105	0.280	0.047	0.40	3	12	30	0.34	< 20	< 1	3	< 10	132	< 10	11	8
887106	0.057	0.011	0.35	< 2	4	7	0.07	< 20	3	< 2	< 10	32	< 10	3	4
887107	0.317	0.041	1.21	3	10	27	0.14	< 20	< 1	< 2	< 10	78	< 10	9	7
887108	0.251	0.031	0.17	2	7	34	0.20	< 20	3	< 2	< 10	57	< 10	6	6
887051	0.131	0.054	0.02	3	7	36	0.17	< 20	< 1	< 2	< 10	66	< 10	9	4
887052	0.105	0.041	0.35	4	7	25	0.19	< 20	< 1	< 2	< 10	62	< 10	11	17
887053	0.034	0.035	0.21	7	12	42	0.20	< 20	3	< 2	< 10	105	< 10	15	8
887054	0.029	0.030	0.13	3	9	43	0.14	< 20	1	< 2	< 10	83	< 10	11	8
887055	0.049	0.089	0.07	4	5	128	0.08	< 20	< 1	< 2	< 10	46	< 10	6	10
887056	0.026	0.033	0.10	< 2	1	62	< 0.01	< 20	< 1	< 2	< 10	14	< 10	3	3
887057	0.102	0.061	0.38	< 2	6	20	0.24	< 20	2	< 2	< 10	47	< 10	15	6
887058	0.225	0.064	1.42	< 2	11	22	0.27	< 20	< 1	< 2	< 10	90	< 10	11	5
887059	0.237	0.096	2.32	< 2	9	18	0.23	< 20	< 1	< 2	< 10	81	< 10	15	6
887060	0.193	0.084	0.26	< 2	13	28	0.34	< 20	1	3	< 10	130	< 10	14	3
887061	0.123	0.067	0.49	2	13	4	0.26	< 20	2	< 2	< 10	140	< 10	12	6
887062	0.032	0.009	0.85	< 2	< 1	4	0.02	< 20	10	< 2	< 10	8	< 10	< 1	2
887063	0.141	0.068	0.34	< 2	7	21	0.24	< 20	< 1	< 2	< 10	68	< 10	8	6
887064	0.086	0.087	0.03	< 2	11	64	0.04	< 20	< 1	< 2	< 10	71	< 10	12	4
887065	0.212	0.123	0.01	< 2	11	38	0.27	< 20	3	< 2	< 10	84	< 10	14	3
887066	0.178	0.041	0.93	3	25	30	0.25	< 20	< 1	< 2	< 10	223	< 10	11	18

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.3	< 0.5	69	1040	1	23	101	130	7.46	221	< 10	640	0.9	4	0.13	12	84	5.42	20	4	1.23	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	68	1070	1	23	101	134	7.40	225	< 10	668	0.9	4	0.13	11	86	5.71	20	1	1.23	< 10	0.40
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	74	1080	1	25	103	133	7.76	234	< 10	682	0.9	5	0.13	12	87	5.97	20	< 1	1.30	< 10	0.42
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	71	1060	1	24	99	131	7.54	247	< 10	662	0.9	4	0.12	12	85	5.75	20	2	1.28	< 10	0.41
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2140	737	< 1	32	63	264	3.00	5		71	0.8	11	0.43	19	49	4.84	< 10		0.51	38	1.30
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.0	< 0.5	2170	750	< 1	31	62	266	3.06	6		74	0.8	10	0.44	18	48	4.87	< 10		0.53	39	1.32
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2180	780	< 1	33	62	282	3.07	5		76	0.8	12	0.43	17	48	5.35	< 10		0.54	39	1.40
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.4	< 0.5	2220	763	< 1	33	58	271	3.09	6		82	0.8	10	0.43	18	49	5.16	< 10		0.56	39	1.35
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 923 (AQUA REGIA) Meas	1.9	< 0.5	4330	845	< 1	28	84	350	3.02	6		58	0.7	20	0.43	20	44	5.62	< 10		0.43	35	1.35
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.6	< 0.5	4440	866	< 1	30	84	350	3.16	8		60	0.7	27	0.44	20	46	5.81	< 10		0.46	36	1.41
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4640	885	< 1	30	84	355	3.20	7		41	0.7	23	0.44	21	46	6.22	< 10		0.46	36	1.47
OREAS 923	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Cert																							
OREAS 923 (AQUA REGIA) Meas	1.8	< 0.5	4430	862	< 1	30	80	352	3.02	6		57	0.7	28	0.43	20	45	5.86	< 10		0.46	36	1.41
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
Oreas 96 (Aqua Regia) Meas	11.0		> 10000				89	425						69		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	10.9		> 10000				89	426						47		44							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.6		> 10000				86	434						57		44							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	10.9		> 10000				85	431						61		45							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 621 (Aqua Regia) Meas	66.3	279	3430	531	13	22	> 5000	> 10000	1.88	79			0.6	11	1.79	31	32	3.08	< 10	4	0.41	19	0.42
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.3	283	3370	535	13	24	> 5000	> 10000	1.83	77			0.6	6	1.67	31	34	3.31	10	3	0.40	19	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	69.2	286	3580	541	14	23	> 5000	> 10000	1.91	79			0.6	5	1.76	31	32	3.34	10	4	0.42	20	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 45f (Aqua Regia) Meas			332	162	< 1	216	6	27	7.41			123	1.0	6	0.07	31	353	13.4	20	< 1	0.11	< 10	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			341	164	< 1	226	13	28	7.60			126	1.1	8	0.07	34	359	13.9	20	< 1	0.12	< 10	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			367	171	< 1	235	7	31	7.68			137	1.0	5	0.07	34	356	15.3	20	< 1	0.12	< 10	0.19
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45f (Aqua Regia) Meas			353	171	< 1	234	6	27	7.72			132	1.1	6	0.07	31	358	14.6	20	< 1	0.12	< 10	0.19
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
887008 Orig	< 0.2	< 0.5	49	634	< 1	22	2	64	2.50	< 2	< 10	165	< 0.5	< 2	1.40	19	41	4.82	< 10	2	0.82	12	1.54
887008 Dup	< 0.2	< 0.5	49	640	< 1	20	< 2	64	2.52	< 2	< 10	162	< 0.5	2	1.42	20	42	4.68	< 10	< 1	0.81	13	1.51
887107 Orig	0.3	< 0.5	108	2350	< 1	48	2	108	3.62	< 2	< 10	24	< 0.5	4	3.34	15	95	12.4	< 10	1	0.56	10	1.85
887107 Dup	0.4	< 0.5	111	2260	< 1	49	< 2	104	3.53	5	< 10	28	< 0.5	6	3.22	13	98	12.3	< 10	3	0.56	10	1.81
887058 Orig	0.4	< 0.5	77	908	1	18	2	58	1.86	8	< 10	21	< 0.5	< 2	1.98	14	42	4.47	< 10	2	0.07	< 10	0.96
887058 Dup	0.3	< 0.5	80	914	< 1	21	< 2	59	1.91	6	< 10	19	< 0.5	2	2.02	14	43	4.52	< 10	2	0.07	< 10	0.97
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	11	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	11	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	0.115	0.035	0.01	3	19	28		< 20	1	< 2	< 10	172	< 10	5	4
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.115	0.035	0.01	2	19	28		< 20	< 1	< 2	< 10	177	< 10	5	5
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.124	0.036	0.01	< 2	19	28		< 20	< 1	< 2	< 10	181	< 10	5	5
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.118	0.036	0.01	5	19	28		< 20	< 1	< 2	< 10	181	< 10	5	7
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 922 (AQUA REGIA) Meas	0.037	0.064	0.36	< 2	4	17		< 20		< 2	< 10	36	< 10	24	13
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.038	0.064	0.37	2	4	17		< 20		< 2	< 10	37	< 10	24	12
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.041	0.063	0.37	3	4	17		< 20		< 2	< 10	38	< 10	24	13
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.041	0.065	0.36	3	4	17		< 20		< 2	< 10	38	< 10	25	10
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas		0.061	0.67	< 2	4	15		< 20		< 2	< 10	36	< 10	22	25
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.063	0.69	3	4	15		< 20		< 2	< 10	37	< 10	23	24
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.062	0.69	< 2	4	15		< 20		< 2	< 10	37	< 10	22	20
OREAS 923		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Cert															
OREAS 923 (AQUA REGIA) Meas		0.060	0.67	< 2	4	15		< 20		3	< 10	37	< 10	22	8
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
Oreas 96 (Aqua Regia) Meas			3.92	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			3.96	5											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			3.67	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			3.53	8											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 621 (Aqua Regia) Meas	0.204	0.035	4.41	95	3	18		< 20		< 2	< 10	13	< 10	9	59
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.200	0.032	4.41	96	3	18		< 20		< 2	< 10	14	< 10	9	33
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
Oreas 621 (Aqua Regia) Meas	0.209	0.034	4.75	95	3	20		< 20		< 2	< 10	14	< 10	9	52
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 45f (Aqua Regia) Meas	0.052	0.020	0.02		26	14	0.10	< 20		< 2	< 10	202		5	9
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.053	0.021	0.02		26	14	0.10	< 20		< 2	< 10	202		5	9
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.057	0.021	0.02		26	14	0.11	< 20		< 2	< 10	211		5	10
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45f (Aqua Regia) Meas	0.056	0.022	0.02		26	14	0.13	< 20		< 2	< 10	213		5	14
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
887008 Orig	0.273	0.083	0.06	< 2	14	14	0.27	< 20	2	< 2	< 10	116	< 10	14	10
887008 Dup	0.270	0.084	0.06	3	14	15	0.27	< 20	< 1	< 2	< 10	116	< 10	14	10
887107 Orig	0.320	0.042	1.21	4	10	27	0.14	< 20	< 1	< 2	< 10	79	< 10	9	7
887107 Dup	0.315	0.041	1.21	2	10	26	0.14	< 20	< 1	< 2	< 10	76	< 10	8	8
887058 Orig	0.222	0.064	1.40	2	11	22	0.27	< 20	1	< 2	< 10	90	< 10	11	5
887058 Dup	0.227	0.064	1.44	< 2	11	22	0.26	< 20	< 1	< 2	< 10	91	< 10	11	5
Method Blank	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.017	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.016	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.018	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.018	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.018	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.017	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A19-15304**
Report Date: **26-Nov-19**
Date Submitted: **08-Nov-19**
Your Reference:

Riverside Resources
550-800 West Pender St
Vancouver BC V6C 2V6
Canada

ATTN: Freeman Smith

CERTIFICATE OF ANALYSIS

64 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Tbay	QOP AA-Au (Au - Fire Assay AA)	2019-11-19 16:55:53
1A3-50-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2019-11-21 14:25:34
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2019-11-22 18:46:37

REPORT **A19-15304**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1192271	19	< 0.2	< 0.5	77	206	< 1	4	4	120	1.05	5	< 10	< 10	< 0.5	3	0.01	2	14	4.82	< 10	< 1	< 0.01	< 10
1192252	5	< 0.2	< 0.5	38	995	< 1	9	< 2	21	0.33	10	13	25	< 0.5	< 2	0.51	< 1	26	7.77	< 10	< 1	0.03	< 10
1192253	< 5	< 0.2	< 0.5	6	495	1	2	< 2	5	0.06	< 2	< 10	14	< 0.5	< 2	1.88	< 1	43	1.31	< 10	< 1	< 0.01	< 10
1192254	< 5	< 0.2	2.7	142	364	2	5	< 2	284	0.67	< 2	< 10	< 10	< 0.5	< 2	0.03	7	40	3.35	< 10	< 1	< 0.01	< 10
1192255	45	0.8	11.1	485	1170	2	135	< 2	2480	3.33	76	< 10	45	< 0.5	4	0.15	46	311	13.4	10	2	0.02	< 10
1192256	70	< 0.2	< 0.5	92	1800	< 1	6	5	57	0.07	< 2	< 10	23	< 0.5	2	4.63	< 1	8	8.76	< 10	< 1	0.03	< 10
1192258	7	< 0.2	< 0.5	93	1100	< 1	4	3	51	0.09	< 2	< 10	26	< 0.5	< 2	3.19	< 1	24	6.27	< 10	< 1	0.04	< 10
1192259	5	< 0.2	< 0.5	27	1530	1	10	< 2	43	0.65	2	< 10	62	< 0.5	< 2	0.12	7	35	3.51	< 10	< 1	0.03	< 10
1192260	< 5	< 0.2	< 0.5	3	1470	< 1	45	6	33	1.29	10	< 10	16	< 0.5	< 2	5.93	17	128	5.07	< 10	< 1	< 0.01	11
1192261	25	0.5	< 0.5	416	1440	1	55	15	51	0.96	3	< 10	< 10	< 0.5	< 2	0.24	40	21	14.5	< 10	3	0.02	< 10
1192262	10	0.3	0.6	386	868	< 1	12	3	142	1.67	3	< 10	11	< 0.5	< 2	0.23	8	18	11.6	< 10	< 1	< 0.01	< 10
1192263	< 5	< 0.2	< 0.5	5	519	2	4	< 2	63	0.50	< 2	< 10	13	< 0.5	< 2	0.12	< 1	21	1.97	< 10	< 1	< 0.01	< 10
1192264	< 5	< 0.2	< 0.5	6	2100	2	16	< 2	115	1.27	< 2	< 10	17	< 0.5	< 2	3.71	4	26	4.64	< 10	< 1	< 0.01	< 10
1192265	< 5	< 0.2	< 0.5	35	1010	< 1	52	< 2	37	1.34	< 2	< 10	12	< 0.5	< 2	7.23	12	121	2.99	< 10	< 1	< 0.01	10
1192266	< 5	< 0.2	< 0.5	29	184	2	5	< 2	8	0.24	7	< 10	13	< 0.5	< 2	0.18	3	37	0.89	< 10	< 1	0.02	< 10
1192267	< 5	< 0.2	< 0.5	27	861	< 1	20	< 2	17	0.94	< 2	< 10	< 10	< 0.5	< 2	7.54	7	33	1.98	< 10	< 1	< 0.01	< 10
1192268	16	0.4	< 0.5	553	3010	< 1	106	13	83	4.24	36	< 10	21	< 0.5	< 2	1.46	68	119	17.0	10	< 1	0.05	< 10
1192269	< 5	0.4	< 0.5	370	1340	< 1	62	< 2	76	2.63	2	< 10	< 10	< 0.5	< 2	4.49	24	87	6.65	< 10	4	< 0.01	< 10
1192270	7	< 0.2	< 0.5	66	405	1	4	3	153	0.48	< 2	< 10	20	< 0.5	< 2	0.06	1	11	3.91	< 10	< 1	0.02	< 10
887141	< 5	< 0.2	< 0.5	134	1290	< 1	158	< 2	80	3.45	28	< 10	12	< 0.5	< 2	2.28	45	258	7.85	< 10	2	< 0.01	< 10
887142	< 5	< 0.2	< 0.5	2	225	2	2	< 2	4	0.11	4	< 10	16	< 0.5	< 2	0.05	< 1	23	0.60	< 10	< 1	< 0.01	< 10
887143	< 5	< 0.2	< 0.5	5	407	2	5	< 2	28	0.65	< 2	< 10	13	< 0.5	< 2	0.43	7	29	2.12	< 10	< 1	< 0.01	< 10
887144	< 5	< 0.2	< 0.5	< 1	101	2	2	< 2	< 2	0.03	2	12	12	< 0.5	< 2	0.06	< 1	31	0.44	< 10	< 1	< 0.01	< 10
887145	< 5	0.2	< 0.5	96	3170	< 1	18	< 2	73	1.25	8	< 10	64	< 0.5	< 2	3.03	< 1	32	27.2	< 10	< 1	0.17	< 10
887146	218	< 0.2	< 0.5	154	2450	< 1	16	< 2	236	3.10	3	< 10	36	< 0.5	< 2	0.19	3	18	13.9	< 10	< 1	0.05	< 10
887147	< 5	0.2	< 0.5	125	2650	< 1	34	< 2	224	5.73	8	< 10	< 10	< 0.5	< 2	0.28	22	66	23.3	20	< 1	< 0.01	< 10
887148	< 5	< 0.2	< 0.5	17	457	2	5	< 2	14	0.33	< 2	< 10	16	< 0.5	< 2	3.69	3	16	1.02	< 10	< 1	0.01	< 10
887149	< 5	< 0.2	< 0.5	14	740	3	2	< 2	121	1.12	< 2	< 10	11	< 0.5	3	0.06	< 1	19	4.10	< 10	< 1	0.02	< 10
887150	< 5	< 0.2	< 0.5	5	53	4	1	< 2	< 2	0.01	< 2	< 10	11	< 0.5	< 2	0.02	< 1	42	0.43	< 10	< 1	< 0.01	< 10
152958	402	0.6	< 0.5	178	1260	< 1	11	2	102	2.04	8	< 10	37	< 0.5	3	0.23	< 1	35	22.7	< 10	< 1	1.44	< 10
152959	26	< 0.2	< 0.5	95	1310	< 1	22	< 2	45	2.25	< 2	< 10	31	< 0.5	< 2	2.86	13	44	6.79	< 10	< 1	1.34	13
152960	128	0.7	< 0.5	480	1120	< 1	19	< 2	84	2.28	5	< 10	15	< 0.5	< 2	1.20	4	44	13.1	10	< 1	1.18	10
152961	120	0.8	< 0.5	241	1490	1	25	4	46	1.32	2	< 10	< 10	< 0.5	2	1.68	63	38	16.8	< 10	< 1	0.67	< 10
152962	53	< 0.2	< 0.5	19	319	1	7	< 2	34	0.85	< 2	< 10	25	< 0.5	< 2	1.01	8	29	1.90	< 10	< 1	0.07	< 10
152963	> 5000	< 0.2	< 0.5	42	629	< 1	21	< 2	63	2.93	< 2	< 10	228	< 0.5	8	2.52	16	39	5.09	< 10	< 1	0.96	15
152964	15	< 0.2	< 0.5	37	992	< 1	43	< 2	54	2.84	7	< 10	91	< 0.5	< 2	2.77	20	63	5.77	< 10	< 1	1.01	< 10
1192272	7	< 0.2	< 0.5	57	3270	< 1	124	< 2	98	3.72	29	< 10	29	< 0.5	< 2	3.30	28	176	13.5	< 10	< 1	0.10	< 10
1192273	8	< 0.2	< 0.5	60	7400	< 1	10	< 2	32	0.13	7	< 10	< 10	< 0.5	< 2	2.85	< 1	5	18.9	< 10	< 1	< 0.01	< 10
1192274	8	0.2	1.6	67	4530	< 1	17	< 2	189	1.67	< 2	< 10	10	< 0.5	< 2	0.91	< 1	31	15.9	< 10	1	< 0.01	< 10
1192275	< 5	0.3	< 0.5	23	9100	< 1	9	3	74	0.66	< 2	< 10	< 10	< 0.5	3	2.47	< 1	9	25.2	< 10	< 1	< 0.01	< 10
1192276	< 5	< 0.2	< 0.5	101	1900	< 1	162	< 2	88	3.67	30	< 10	16	< 0.5	< 2	4.46	40	256	8.46	10	< 1	0.06	< 10
1192277	< 5	< 0.2	< 0.5	93	2350	< 1	152	< 2	78	3.77	41	< 10	38	< 0.5	< 2	4.68	37	184	10.3	< 10	< 1	0.13	< 10
1192278	21	< 0.2	< 0.5	23	3620	< 1	2	4	8	0.09	4	< 10	11	< 0.5	3	2.56	< 1	6	6.83	< 10	< 1	< 0.01	< 10
1192279	14	< 0.2	< 0.5	86	3760	< 1	10	3	123	1.06	22	< 10	< 10	< 0.5	< 2	1.66	1	10	11.7	< 10	< 1	< 0.01	< 10
1192280	< 5	< 0.2	< 0.5	30	2530	1	3	< 2	17	0.12	14	< 10	< 10	< 0.5	< 2	1.16	< 1	8	4.85	< 10	< 1	< 0.01	< 10
1192281	90	< 0.2	< 0.5	80	4800	< 1	4	3	82	0.15	33	< 10	< 10	< 0.5	< 2	1.58	< 1	9	12.9	< 10	2	< 0.01	< 10
887131	> 5000	6.2	0.9	210	351	3	11	< 2	149	1.41	> 10000	< 10	13	< 0.5	< 2	0.19	13	14	9.86	< 10	< 1	0.03	< 10
887132	11	< 0.2	< 0.5	51	1360	< 1	93	< 2	105	3.56	17	< 10	11	< 0.5	2	3.68	42	156	8.70	10	< 1	< 0.01	< 10
887133	27	< 0.2	< 0.5	181	3860	< 1	7	5	102	0.18	14	< 10	18	< 0.5	< 2	> 10.0	5	4	6.44	< 10	< 1	0.08	< 10
887134	< 5	< 0.2	< 0.5	25	2310	< 1	50	< 2	79	2.85	3	< 10	< 10	< 0.5	< 2	> 10.0	24	93	7.83	< 10	< 1	< 0.01	< 10
887135	< 5	< 0.2	< 0.5	4	355	< 1	18	< 2	21	0.78	9	< 10	12	< 0.5	< 2	1.65	8	36	1.58	< 10	< 1	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
887136	< 5	< 0.2	< 0.5	152	559	2	14	< 2	66	0.18	< 2	< 10	22	< 0.5	< 2	0.58	13	25	4.28	< 10	< 1	0.08	< 10
887137	< 5	< 0.2	< 0.5	71	1200	< 1	19	< 2	57	1.99	< 2	< 10	22	< 0.5	< 2	1.52	13	42	5.79	< 10	< 1	0.02	< 10
887138	< 5	< 0.2	< 0.5	79	1400	< 1	4	< 2	122	0.25	3	< 10	14	< 0.5	< 2	0.24	1	10	6.10	< 10	< 1	< 0.01	< 10
887139	27	0.5	< 0.5	99	9480	< 1	4	6	55	0.55	6	< 10	< 10	< 0.5	4	3.18	< 1	4	> 30.0	< 10	< 1	< 0.01	< 10
887140	5	< 0.2	< 0.5	83	600	1	4	< 2	84	0.80	< 2	< 10	< 10	< 0.5	< 2	0.39	< 1	16	5.20	< 10	< 1	< 0.01	< 10
1192282	9	0.3	< 0.5	114	9090	< 1	15	7	37	0.12	26	< 10	< 10	< 0.5	4	4.36	< 1	5	23.9	< 10	< 1	< 0.01	< 10
1192283	7	0.5	< 0.5	145	10100	< 1	8	2	26	0.08	97	< 10	< 10	< 0.5	2	3.63	< 1	2	26.3	< 10	< 1	< 0.01	< 10
1192284	11	0.3	< 0.5	304	10600	< 1	11	3	31	0.14	74	< 10	< 10	< 0.5	2	5.37	< 1	3	22.4	< 10	< 1	< 0.01	< 10
1192285	7	< 0.2	0.9	331	6660	< 1	9	2	49	0.91	< 2	< 10	< 10	< 0.5	< 2	8.11	< 1	4	14.7	< 10	< 1	< 0.01	< 10
1192286	11	0.3	< 0.5	134	3650	< 1	16	< 2	32	0.76	16	< 10	< 10	< 0.5	< 2	9.24	4	17	8.91	< 10	< 1	< 0.01	< 10
1192287	19	0.2	< 0.5	91	246	2	5	< 2	7	0.05	< 2	< 10	< 10	< 0.5	< 2	0.07	8	23	2.90	< 10	< 1	< 0.01	< 10
1192288	< 5	< 0.2	< 0.5	2	345	2	2	< 2	20	0.19	< 2	< 10	13	< 0.5	< 2	1.79	< 1	25	1.15	< 10	< 1	0.02	< 10
1192289	24	0.5	21.1	99	4340	3	115	< 2	2620	3.28	42	< 10	40	< 0.5	4	2.94	55	74	24.5	< 10	< 1	0.87	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
1192271	0.44	0.012	0.006	0.03	< 2	3	< 1	0.04	< 20	2	< 2	< 10	23	< 10	< 1	11	
1192252	0.27	0.018	0.014	0.10	4	2	6	0.02	< 20	5	< 2	< 10	16	< 10	5	6	
1192253	0.02	0.017	0.011	< 0.01	< 2	< 1	15	< 0.01	< 20	< 1	< 2	< 10	2	< 10	3	< 1	
1192254	0.34	0.012	0.006	0.05	< 2	2	< 1	0.03	< 20	2	< 2	< 10	18	< 10	1	7	
1192255	2.62	0.013	0.017	0.34	6	13	1	0.11	< 20	5	< 2	< 10	91	< 10	4	10	
1192256	0.10	0.012	0.015	0.17	2	< 1	17	< 0.01	< 20	< 1	< 2	< 10	4	< 10	4	3	
1192258	0.09	0.014	0.003	0.30	3	< 1	13	< 0.01	< 20	8	< 2	< 10	3	< 10	2	2	
1192259	0.33	0.013	0.003	< 0.01	< 2	4	2	0.04	< 20	< 1	< 2	< 10	27	< 10	4	3	
1192260	0.95	0.018	0.122	0.43	3	10	128	0.12	< 20	2	< 2	< 10	79	< 10	11	7	
1192261	0.39	0.012	0.011	9.29	10	4	2	0.04	< 20	8	< 2	< 10	26	< 10	5	14	
1192262	0.66	0.013	0.012	0.69	4	4	1	0.09	< 20	5	< 2	< 10	48	< 10	2	16	
1192263	0.22	0.021	0.003	< 0.01	< 2	1	3	< 0.01	< 20	2	< 2	< 10	22	< 10	< 1	1	
1192264	0.55	0.014	0.062	< 0.01	< 2	5	10	0.09	< 20	3	< 2	< 10	49	< 10	7	6	
1192265	1.28	0.016	0.077	< 0.01	< 2	3	74	0.13	< 20	2	< 2	< 10	37	< 10	4	6	
1192266	0.20	0.019	0.007	0.04	< 2	2	3	< 0.01	< 20	< 1	< 2	< 10	14	< 10	< 1	< 1	
1192267	0.58	0.014	0.012	< 0.01	< 2	3	44	0.10	< 20	1	< 2	< 10	40	< 10	2	1	
1192268	2.51	0.014	0.020	1.83	7	8	25	0.44	< 20	< 1	< 2	< 10	193	< 10	7	6	
1192269	1.81	0.018	0.024	0.05	3	9	44	0.36	< 20	5	< 2	< 10	137	< 10	6	3	
1192270	0.21	0.012	0.007	0.02	< 2	2	2	0.03	< 20	1	< 2	< 10	16	< 10	2	6	
887141	2.61	0.034	0.023	0.09	4	12	33	0.46	< 20	7	< 2	< 10	159	< 10	6	4	
887142	0.07	0.036	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	5	< 10	< 1	< 1	
887143	0.45	0.026	0.005	< 0.01	< 2	4	9	0.08	< 20	< 1	< 2	< 10	41	< 10	3	1	
887144	0.01	0.022	< 0.001	< 0.01	< 2	< 1	3	< 0.01	< 20	< 1	3	< 10	1	< 10	< 1	< 1	
887145	0.89	0.022	0.016	0.50	7	6	20	0.05	< 20	< 1	< 2	< 10	48	< 10	3	11	
887146	1.28	0.014	0.013	0.08	6	5	9	0.04	< 20	< 1	< 2	< 10	104	< 10	2	12	
887147	3.36	0.010	0.036	0.07	7	34	1	0.13	< 20	< 1	< 2	< 10	315	< 10	11	7	
887148	0.20	0.017	0.005	< 0.01	< 2	< 1	14	< 0.01	< 20	< 1	< 2	< 10	18	< 10	< 1	< 1	
887149	0.60	0.018	0.008	< 0.01	< 2	5	3	< 0.01	< 20	< 1	< 2	< 10	47	< 10	1	2	
887150	< 0.01	0.018	0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
152958	1.28	0.082	0.052	0.84	7	8	15	0.21	< 20	< 1	< 2	< 10	102	< 10	4	34	
152959	1.62	0.157	0.069	1.21	3	12	24	0.20	< 20	3	< 2	< 10	97	< 10	12	13	
152960	1.43	0.103	0.070	2.13	2	13	12	0.19	< 20	< 1	< 2	< 10	104	< 10	9	35	
152961	0.82	0.072	0.037	7.41	5	7	18	0.12	< 20	6	< 2	< 10	69	< 10	5	28	
152962	0.59	0.118	0.048	0.07	< 2	6	9	0.09	< 20	4	< 2	< 10	46	< 10	6	8	
152963	1.55	0.278	0.083	0.13	< 2	11	29	0.22	< 20	3	< 2	< 10	96	< 10	12	11	6.84
152964	1.55	0.179	0.057	0.29	3	8	28	0.15	< 20	< 1	< 2	< 10	86	< 10	9	8	
1192272	2.45	0.019	0.026	0.11	5	15	15	0.02	< 20	< 1	< 2	< 10	120	< 10	5	4	
1192273	0.99	0.012	0.009	0.37	6	2	11	< 0.01	< 20	1	< 2	< 10	9	< 10	3	7	
1192274	0.91	0.013	0.013	0.25	7	5	4	0.05	< 20	< 1	< 2	< 10	44	< 10	3	13	
1192275	1.22	0.010	0.010	0.19	9	3	12	0.02	< 20	9	< 2	< 10	16	< 10	4	12	
1192276	2.42	0.030	0.027	< 0.01	< 2	21	17	< 0.01	< 20	< 1	< 2	< 10	174	< 10	7	3	
1192277	2.05	0.020	0.028	0.04	3	12	21	0.03	< 20	< 1	< 2	< 10	113	< 10	6	3	
1192278	0.31	0.013	0.009	0.20	< 2	2	11	< 0.01	< 20	< 1	< 2	< 10	9	< 10	2	3	
1192279	0.65	0.012	0.011	0.76	4	3	7	0.03	< 20	< 1	< 2	< 10	23	< 10	2	12	
1192280	0.23	0.013	0.007	0.36	< 2	< 1	5	< 0.01	< 20	< 1	< 2	< 10	4	< 10	2	3	
1192281	0.71	0.013	0.007	0.83	5	< 1	7	< 0.01	< 20	8	< 2	< 10	7	< 10	2	5	
887131	0.46	0.014	0.039	1.48	10	3	9	< 0.01	< 20	10	< 2	< 10	55	< 10	2	8	39.5
887132	2.74	0.035	0.038	0.03	4	24	18	0.43	< 20	2	< 2	< 10	274	< 10	15	6	
887133	0.23	0.017	0.007	0.93	2	< 1	62	< 0.01	< 20	3	< 2	< 10	6	< 10	6	3	
887134	2.17	0.019	0.019	0.01	3	14	28	0.26	< 20	1	< 2	< 10	147	< 10	8	3	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
887135	0.40	0.017	0.010	< 0.01	< 2	3	14	0.11	< 20	< 1	< 2	< 10	39	< 10	2	2	
887136	0.12	0.028	0.001	1.83	< 2	< 1	4	< 0.01	< 20	< 1	< 2	< 10	8	< 10	< 1	2	
887137	1.46	0.016	0.022	0.06	< 2	9	17	0.35	< 20	3	< 2	< 10	139	< 10	7	3	
887138	0.09	0.014	0.006	0.41	2	1	2	0.01	< 20	< 1	< 2	< 10	7	< 10	1	5	
887139	1.38	0.011	0.021	0.25	11	1	14	0.01	< 20	< 1	< 2	< 10	14	< 10	4	16	
887140	0.30	0.015	0.015	0.12	< 2	2	3	0.01	< 20	3	3	< 10	20	< 10	2	12	
1192282	1.26	0.010	0.007	0.93	8	< 1	16	< 0.01	< 20	< 1	< 2	< 10	7	< 10	5	8	
1192283	1.79	0.011	0.007	0.94	9	< 1	14	< 0.01	< 20	5	< 2	< 10	6	< 10	4	8	
1192284	1.65	0.011	0.008	1.76	7	< 1	22	< 0.01	< 20	< 1	< 2	< 10	9	< 10	4	8	
1192285	0.96	0.012	0.015	1.61	5	3	40	0.02	< 20	2	< 2	< 10	16	< 10	7	15	
1192286	0.69	0.012	0.011	1.15	3	3	43	0.02	< 20	< 1	2	< 10	24	< 10	7	6	
1192287	0.02	0.016	< 0.001	1.56	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	1	
1192288	0.08	0.021	< 0.001	< 0.01	< 2	< 1	12	< 0.01	< 20	< 1	< 2	< 10	8	< 10	< 1	< 1	
1192289	1.88	0.151	0.022	0.68	8	16	30	0.05	< 20	< 1	< 2	< 10	123	< 10	4	22	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.4	< 0.5	70	994	2	24	96	122	6.24	228	< 10	783	0.8	< 2	0.12	11	84	6.02	20	1	1.14	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.5	< 0.5	72	996	2	25	92	123	6.51	224	< 10	831	0.9	< 2	0.12	12	89	5.88	20	< 1	1.21	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2220	714	< 1	34	58	254	2.60	3		92	0.7	9	0.41	17	48	5.16	< 10		0.51	39
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.1	< 0.5	2260	709	< 1	33	65	251	2.60	5		92	0.7	6	0.41	17	48	5.07	< 10		0.51	39
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4220	811	< 1	32	80	323	2.61	6		67	0.7	15	0.41	19	47	5.92	< 10		0.42	36
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		2.1	< 0.5	4430	833	< 1	34	83	337	2.66	10		60	0.7	15	0.43	20	47	6.04	< 10		0.45	37
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
Oreas 96 (Aqua Regia) Meas		10.9		> 10000				83	406						< 2		42						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		11.1		> 10000				84	404						< 2		40						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
OREAS 220 (Fire Assay) Meas	854																						
OREAS 220 (Fire Assay) Cert	866																						
OREAS 220 (Fire Assay) Meas	843																						
OREAS 220 (Fire Assay) Cert	866																						
OREAS 229 (Fire Assay) Meas																							
OREAS 229 (Fire Assay) Cert																							
Oreas 621 (Aqua Regia) Meas		68.4	262	3380	474	13	22	> 5000	> 10000	1.62	76			0.6	< 2	1.48	27	29	3.15	10	3	0.39	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		72.2	263	3460	482	14	27	> 5000	> 10000	1.60	81			0.6	7	1.69	27	34	3.14	10	3	0.40	20
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 229b (Fire Assay) Meas																							
OREAS 229b																							

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas	3050																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3020																						
OREAS 238 (Fire Assay) Cert	3030																						
1192261 Orig	25																						
1192261 Dup	24																						
1192264 Orig		< 0.2	< 0.5	6	2110	2	16	< 2	116	1.26	< 2	< 10	16	< 0.5	3	3.71	4	26	4.67	< 10	< 1	< 0.01	< 10
1192264 Dup		< 0.2	0.5	6	2100	2	17	< 2	115	1.27	< 2	< 10	18	< 0.5	< 2	3.72	4	26	4.60	< 10	< 1	< 0.01	< 10
887141 Orig	8																						
887141 Dup	< 5																						
887148 Orig		< 0.2	< 0.5	15	464	2	4	< 2	13	0.34	< 2	< 10	16	< 0.5	< 2	3.73	3	16	1.03	< 10	< 1	0.01	< 10
887148 Dup		< 0.2	< 0.5	18	449	2	5	< 2	16	0.33	< 2	< 10	16	< 0.5	< 2	3.66	3	16	1.00	< 10	< 1	0.01	< 10
152959 Orig	29																						
152959 Dup	23																						
1192275 Orig		0.3	< 0.5	22	9030	< 1	12	3	75	0.65	< 2	< 10	< 10	< 0.5	2	2.47	< 1	9	24.8	< 10	< 1	< 0.01	< 10
1192275 Dup		0.3	< 0.5	23	9180	< 1	6	3	72	0.67	7	< 10	< 10	< 0.5	4	2.48	< 1	9	25.7	< 10	< 1	< 0.01	< 10
1192280 Orig	< 5																						
1192280 Dup	< 5																						
887134 Orig	< 5	< 0.2	< 0.5	25	2310	< 1	50	< 2	79	2.85	3	< 10	< 10	< 0.5	< 2	> 10.0	24	93	7.83	< 10	< 1	< 0.01	< 10
887134 Split PREP DUP	< 5	< 0.2	< 0.5	26	2320	< 1	51	< 2	79	2.91	< 2	< 10	< 10	< 0.5	< 2	> 10.0	25	95	7.99	< 10	< 1	< 0.01	< 10
887137 Orig		< 0.2	< 0.5	71	1200	1	18	< 2	57	1.97	< 2	< 10	21	< 0.5	< 2	1.50	13	42	5.80	< 10	< 1	0.02	< 10
887137 Dup		< 0.2	< 0.5	71	1210	< 1	20	< 2	57	2.01	< 2	< 10	23	< 0.5	< 2	1.54	13	42	5.78	< 10	< 1	0.02	< 10
887138 Orig	6																						
887138 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-6 Meas	0.40	0.064	0.033	0.01	< 2	18	26		< 20	< 1	3	< 10	173	< 10	4	6	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.42	0.067	0.035	0.01	3	19	27		< 20	< 1	< 2	< 10	175	< 10	5	6	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 922 (AQUA REGIA) Meas	1.34	0.027	0.061	0.37	< 2	4	16		< 20		< 2	< 10	36	< 10	20	11	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 922 (AQUA REGIA) Meas	1.35	0.027	0.061	0.37	3	4	16		< 20		< 2	< 10	37	< 10	21	13	
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3	
OREAS 923 (AQUA REGIA) Meas	1.42		0.059	0.67	2	4	15		< 20		< 2	< 10	36	< 10	18	20	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	1.46		0.061	0.69	2	4	15		< 20		< 2	< 10	37	< 10	19	24	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
Oreas 96 (Aqua Regia) Meas				3.82	5												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.96	5												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
OREAS 220 (Fire Assay) Meas																	
OREAS 220 (Fire Assay) Cert																	
OREAS 220 (Fire Assay) Meas																	
OREAS 220 (Fire Assay) Cert																	
OREAS 229 (Fire Assay) Meas																	12.1
OREAS 229 (Fire Assay) Cert																	12.1
Oreas 621 (Aqua Regia) Meas	0.44	0.160	0.033	4.36	102	2	17		< 20		2	< 10	13	< 10	8	58	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.44	0.166	0.033	4.58	96	3	19		< 20		2	< 10	13	< 10	8	55	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
OREAS 229b (Fire Assay) Meas																	12.0

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	0.02
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
OREAS 229b (Fire Assay) Cert																	11.9
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
1192261 Orig																	
1192261 Dup																	
1192264 Orig	0.54	0.014	0.061	< 0.01	< 2	5	10	0.09	< 20	1	< 2	< 10	49	< 10	7	6	
1192264 Dup	0.55	0.014	0.062	< 0.01	< 2	5	10	0.09	< 20	5	< 2	< 10	50	< 10	7	5	
887141 Orig																	
887141 Dup																	
887148 Orig	0.20	0.017	0.005	< 0.01	< 2	< 1	14	< 0.01	< 20	< 1	< 2	< 10	18	< 10	< 1	< 1	
887148 Dup	0.19	0.017	0.004	< 0.01	< 2	< 1	13	< 0.01	< 20	< 1	< 2	< 10	18	< 10	< 1	< 1	
152959 Orig																	
152959 Dup																	
1192275 Orig	1.20	0.011	0.010	0.19	8	3	13	0.02	< 20	7	< 2	< 10	16	< 10	4	12	
1192275 Dup	1.25	0.010	0.010	0.19	9	3	12	0.02	< 20	10	< 2	< 10	16	< 10	4	13	
1192280 Orig																	
1192280 Dup																	
887134 Orig	2.17	0.019	0.019	0.01	3	14	28	0.26	< 20	1	< 2	< 10	147	< 10	8	3	
887134 Split PREP DUP	2.23	0.019	0.019	0.01	2	14	29	0.27	< 20	3	< 2	< 10	149	< 10	9	3	
887137 Orig	1.44	0.015	0.022	0.06	3	9	17	0.35	< 20	3	< 2	< 10	137	< 10	7	3	
887137 Dup	1.48	0.016	0.022	0.06	< 2	9	18	0.36	< 20	3	< 2	< 10	140	< 10	7	3	
887138 Orig																	
887138 Dup																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	3	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	< 0.02