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Tower Mountain Gold Project

Phase 1 Drilling

Thunder Bay Mining District, Ontario
NTS 52A12 and 52A05
Conmee, (G-0647)

Thunder Gold Corp.

January 20, 2023

By
Brett LaPeare

Cathy Salo

Contents

1. Summary

The Tower Mountain property is located roughly 45 kilometres west of Thunder Bay, Ontario within the eastern extent of the Shebandowan Greenstone Belt (SGB) comprising an area of roughly 4 square kilometres containing two main areas of known gold mineralization as defined by historical work;

1) UV Zone located in the northwest area of the prospect with drilling targeting zones of Au±Cu mineralization and
2) Bench Zone located roughly 300-500m to the southeast targeting gold.
However, one of the defining characteristics of Tower Mountain is the significant widespread gold endowment over the entire property initially identified from historical and current outcrop and sub-crop sampling (and confirmed with drilling) with more than zones of mineralization identified.

Tower Mountain represents an excellent exploration target for both large tonnage-low grade as well as more localized high-grade lenses, veining and ore shoots. However, both historical and current drilling has shown that in several areas mineralization can be highly enigmatic and discontinuous. Considering this it is recommended that a highly robust exploration program be designed to further understand the controls of the overall mineralized system (trees vs. forest analogy) including but not limited to; extensive surface mapping/sampling and stripping/trenching, soil geochemical sampling, gridded drilling, expanded petrology, detailed geochemical analysis and metallurgy. Upon completion of the above an attempt should be made to determine various geophysical methods to best identify and delineate areas of mineralization especially at depth.

Figure 1: Ontario and Property Location.

Figure 2: Taken at gate on road leading to property, with TransCanada Highway in center of picture with railway running next to it. Bottom of pictures shows another railway. Arrow points to turnoff from the highway towards Aiken Road.

Figure 3: Shows the topography and tree coverage on property.

2. Property Description, Access and Land Tenure

Tower Mountain Gold Project Property is located near Conmee township approximately 50 kilometres west-northwest of the port city of Thunder Bay, Ontario.

The project consists of 81 Single Cell Mining Claims, 11 Boundary Cell Mining Claims and 6 patented mining claims that together cover 1,595 hectares. (See Appendix B for claim cells details)
The property can be accessed south at Sunshine off highway 11 onto Sunshine Loop Road for 0.08 kilometres then west onto Aiken Road for 1.4 kilometres to gate. From there continue on an all weather road south 2.7 kilometres directly to the core shack (located 1.9 kilometres south of property's North boundary). See figure 5 for claim map.

The property is in Comnee and Dawson Road Lots within NTS blocks 05A/12 and 05A/05. The central point of the property is located approximately 300,220 E and 5,377,450 N, Zone 16, NAD 83. See figure 4 for general location map.

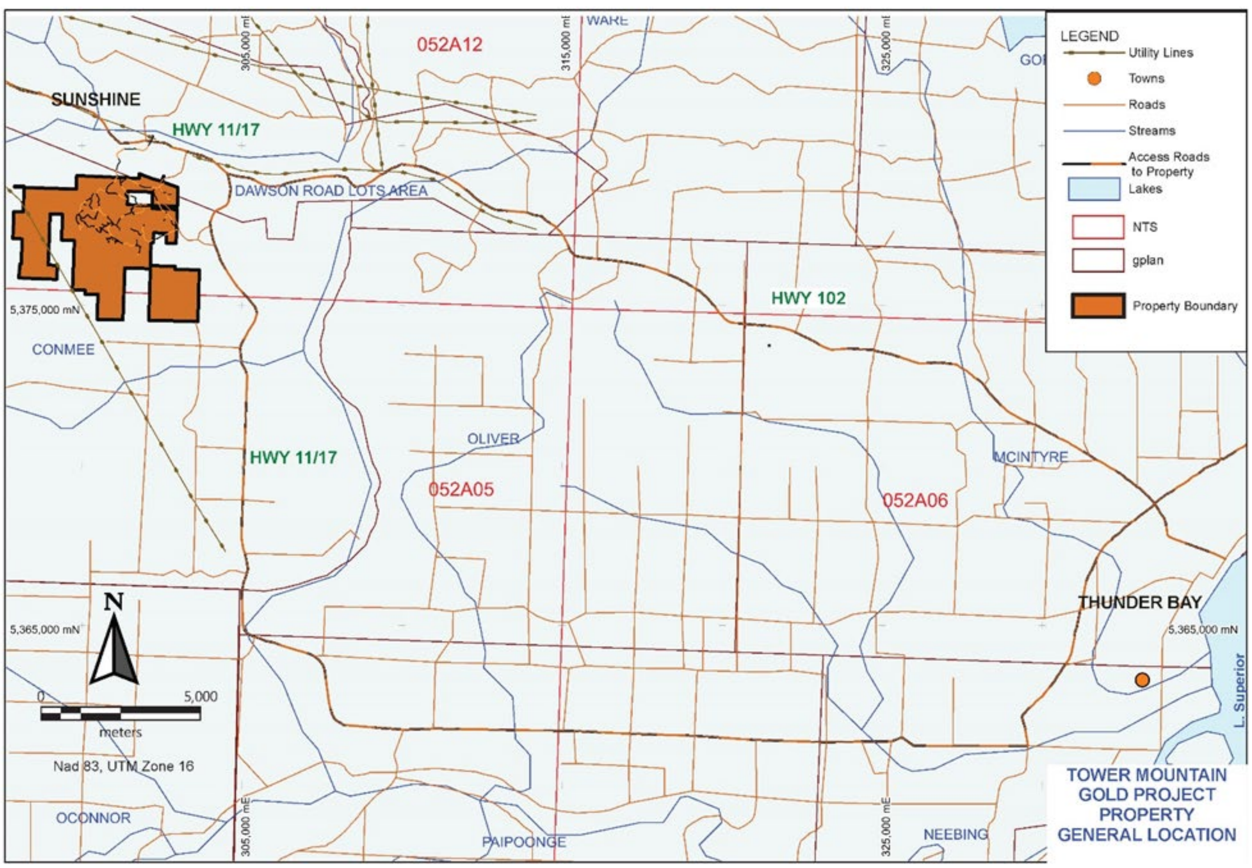


Figure 4: Tower Mountain general location map.

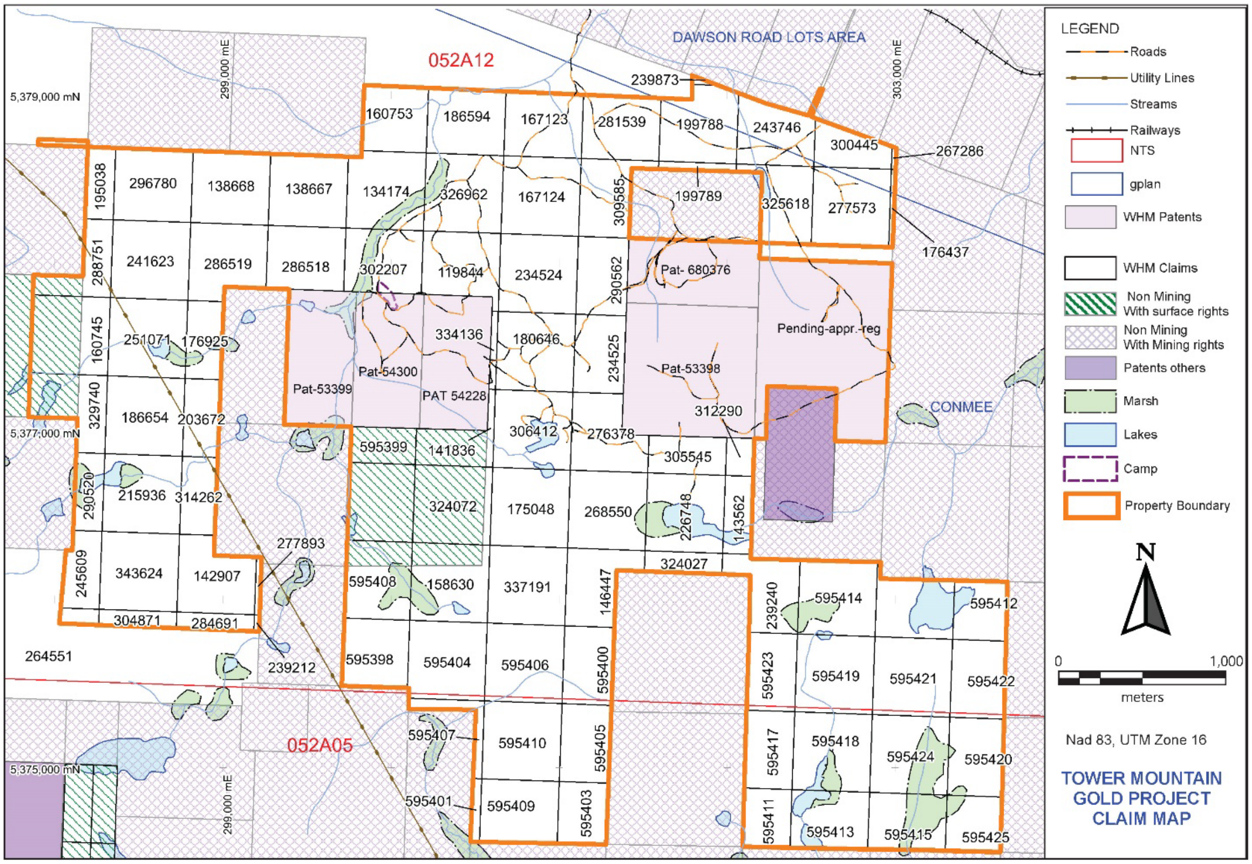


Figure 5: Tower Mountain claim map.

3. Work History

Canadian Nickel Company – 1967: Drilled two holes totaling 300 m to test airborne anomalies in the southwest corner of the property.

Phelps Dodge Corporation – 1968: Magnetic survey over the central part of the property.

M. Stewart – 1984: Tower Mountain Property staked and prospected discovering gold showings and later optioned to Noranda, Inco, Avalon and Valgold. Valgold eventually owned the property but it past passed back to M. Steward.

Noranda Exploration Limited- 1985-88: Mapping, ground geophysics (mag., VLF, l. P.), geochemical surveys, trenching and drilling 38 holes totaling 2880.5 m; Drilling during the period from 1985-87 discovered the A Zone, a 60,000 tonne resource grading 3.0 g/t gold in narrow veins. (This was an in-house calculation and does not conform to NI 43-101 standards). Noranda drilled a fence of 5 holes (S-85-1 to 5 series) across the south half of the property from the K-Zone to the A-D Zone, (current zone names). These revealed low grade gold over wide intersections. Noranda completed 38 holes for a total of 2880 metres, most of which were in the area of the A Zone. Noranda dropped the option in 1988.

Inco Exploration and Technical Services inc. – 1988-1990: Mapping, ground geophysics, trenching and drilling 22 holes totaling 2594.0 m; 19 gold occurrences identified using a 1 .0 g/t sample cut-off. cut N-S oriented grid lines and completed detailed geological, magnetic and rock geochemical surveys and presented the results on a series of 1 :2500 scale maps. A total of 19 showings of 1 g/t gold or better were evaluated by trenching and drilling (22 holes, 2594 metres). Inca terminated their agreement in 1990 presumably when the company decided to get out of gold exploration. Ontario Geological Survey,1990 had the Shebandowan Greenstone Belt flown utilizing the Aerodat Magnetic and Electromagnetic System, (Project J96441). Several EM conductors were detected on the Tower Mountain Property.

H. Lundmark-1989-1990: Stripping and trenching on current claims TB1202256 and TB1202258.

Glamis Gold-1994-1995: Stripping and trenching on legacy claims TB1202256 & TB1202258. conducted a small program of prospecting and reported a grab sample of.50.0 g/t.

Avalon Ventures Ltd.: 1996-98: Data compilation, mapping, revaluation/detailed mapping of known gold occurrences, soil geochemical survey, l. P., trenching and drilling 4 holes totaling 1318.0m. In 1996, Avalon Ventures Ltd. optioned the property from the Stewarts and compiled all the available property data at a scale of 1 :2500. Late in 1996, Avalon drilled a deep hole (739 m) in the A-D Zone under the Band C Showings. Two wide intercepts of low grade gold mineralization was discovered; the B Zone, 0.5 g/t Au over 156 metres and the C Zone, 0.5 g/t Au over 105 metres. This led Avalon to conclude that the mineralization persisted to a depth of at least 350 metres. Avalon contracted out an IP survey over a portion of the grid which increased the area covered by previous surveys. However, a gap in the coverage exists in the area of Valgold's UV Zone. The property was returned to the Stewart's when gold prices dropped in the late 1990's.

Valgold Resources Ltd.-2002: Reconnaissance mapping and lithogeochemical sampling, trenching and drilling 5 holes totaling 1042.0m Highlights of the.drilling included a wide, low grade gold zone in TM-02-3, 1.05 g/t over 73.5 metres and a high.grade intercept of 23 .17 g/t over 1.5 metres in hole TM-02-2. Additional work was recommended.for 2003. Trenching and drillings programs were completed in the spring of2003. Two new gold showings.with values of one gram or better in channel samples were discovered by trenching, one in the AD Zone area (TR 03-6) and the second southwest of the UV Zone (TR 03-1). Drilling results for.the 5-hole program were best in TM-03-2 with 11.177 g/t Au over 3.0 metres and in TM-03-3,.2.06 g/t over 7.5 m and 1.01 g/t over 22.5 m. These intersections may form part of the UV Zone.mineralization trend.

Valgold Resources, fall of 2003: seven drill holes tested the UV Zone, the A-Zone and the D-Zone. Two holes (TM-03-6, 7) into the eastern projection of the A-Zone failed to hit significant mineralization. The D-Zone target returned a wide, low grade intersection of 0.55 g/t Au over 49.5 metres including a maximum value of 1.6 g/t over 1.5 m. in TM-03-S. The remaining holes (TM-03-9 to 12) tested the UV Zone along strike at 100 and 200 metre step outs. The results confirm the presence of several narrow, high grade gold zones in the UV Zone within a wider, auriferous envelope. Some of the better results are as follows:

A wide, low grade gold zone was partially defined in the lower section of some of these holes with widths of up to 25 metres and grading 0.5 g/t or better.
Recommendations for more drilling were warranted from these results and led to an expanded program in 2004-05.

Valgold, 2004 – 2005 additional stripping and drilling additional 50 drill holes at 13,000m

Highlights.

- TM04-09 2.4g/t over 61.50m.
- TM04-19 1.04 g/t Au over 73.48 included 68911 over 1.5m.
- TM04-31 0.93 G/T Au over 109.5m.
- TM04-36 3.66 g/t Au over 24m include 50,033 g/t Au over 1.5m.
- TM05-0.72 g/t Au over 24m.

Valgold from 2007 to 2012: mainly diamond drilling with 35 holes totalling 6471m.
TM07-56 58,197 g/t Au over 1.5m.
T11-63 0.89 g/t Au over 63.0m.
TM11-67 0.89 g/t Au over 58.5m.
TM11-84 1.12 G/T Au over 39m.

White Metal Resources (Thunder Gold as of 2021) – 2020: collected 322 grab samples from August 31 to September 15, covering an approximate area of 2.0 kilometres by 1.2 kilometres on the center claims. 39 samples returned values of 1 g/t Au to 16.2 g/t Au.

4. Geological Setting

4.1 Regional Geology

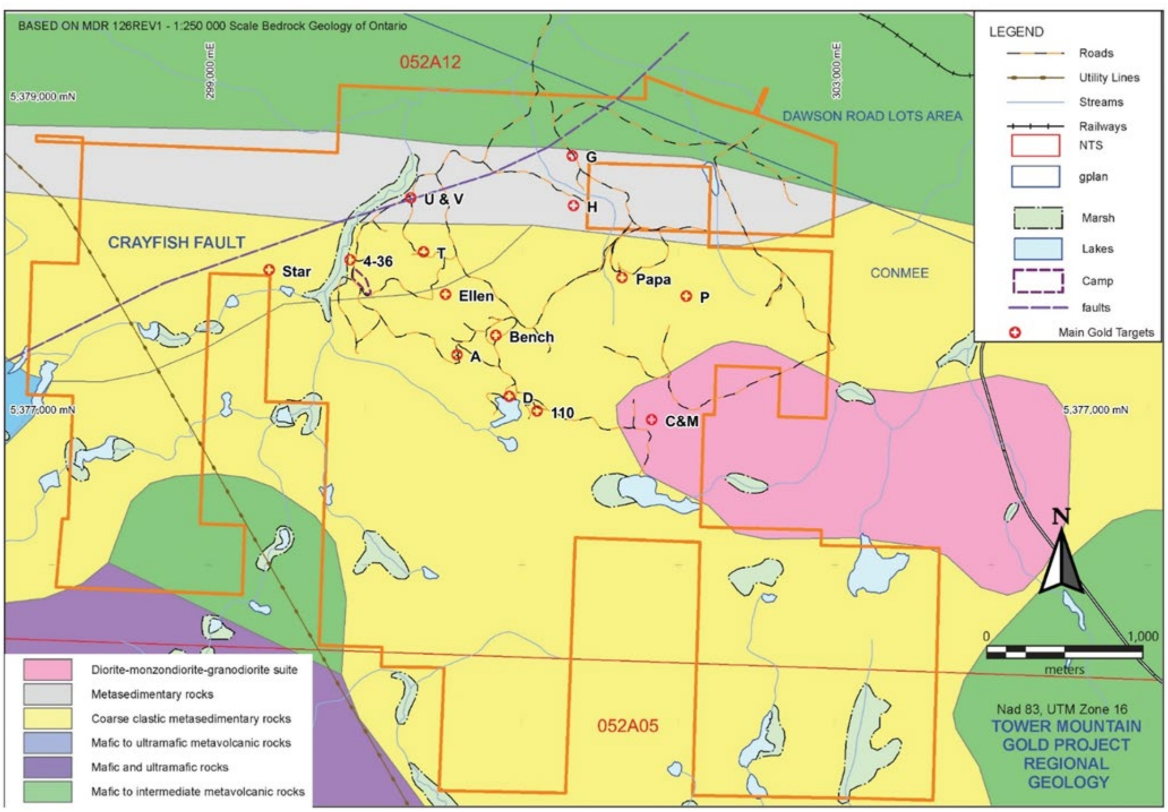
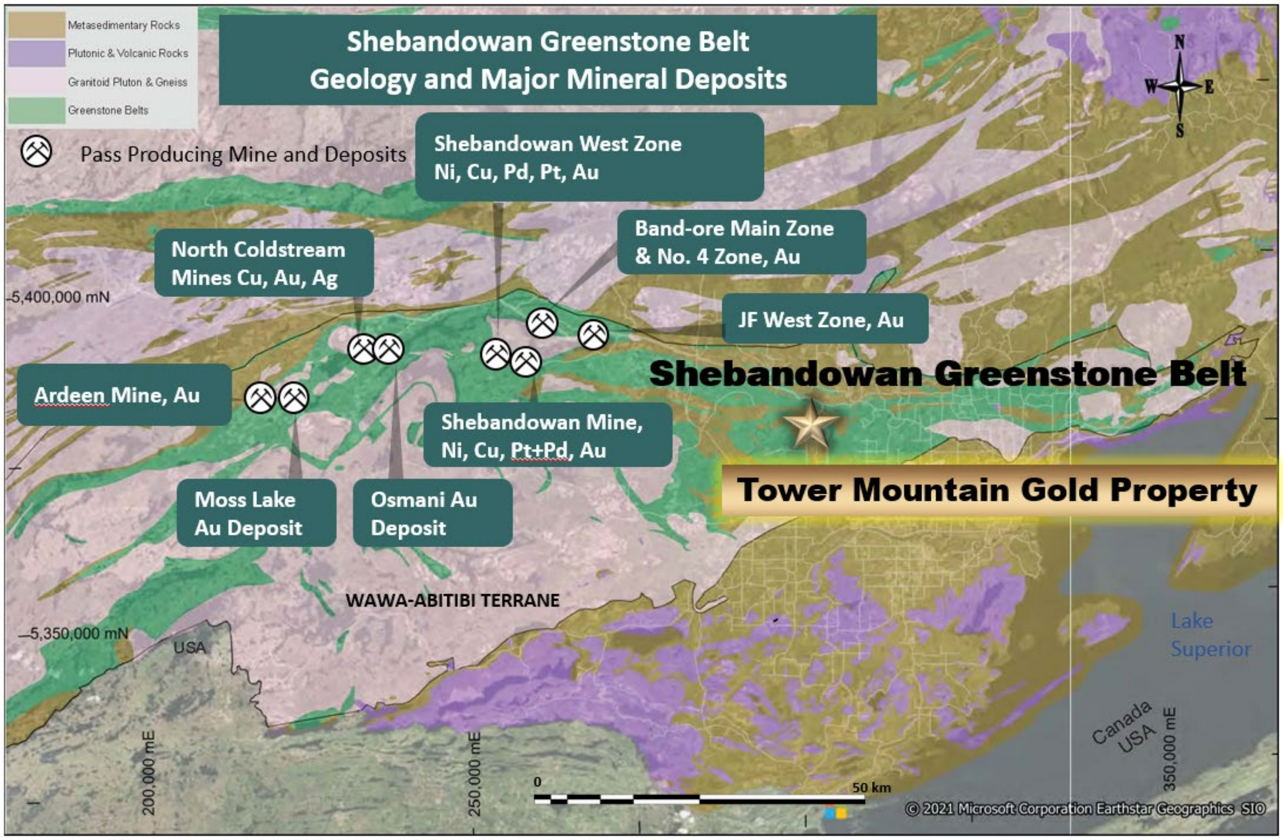


Figure 6: Bedrock geology (MRD 126REV1)



Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1. Mineral Deposit Inventory Database - MDI

Figure 7: Ontario bedrock map and major mineral deposits.

The Tower Mountain property is located within the western extension of the Abitibi-Wawa Shebandowan subprovince of the Superior structural province of the Canadian Shield. On a local scale, the property is situated near the eastern end of the Shebandowan Greenstone Belt wedged between metasediment of the Quetico Province to the north and granitic terrain to the south. See figure 6 for regional geology map based on 1:250 000 Scale Bedrock Geology of Ontario, MRD 126REV.

Stratigraphy of the Shebandowan Greenstone Belt comprises two opposite dipping Keewatin age assemblages, termed the Greenwater and Burchell, and a third unconformably overlying assemblage of Timiskaming age referred to as the Shebandowan. The two older, volcanic dominated assemblages typically include a suite of mafic to felsic volcanic cycles consisting of tholeiitic to calc-alkaline rocks and some komatiitic units. The younger, unconformably overlying suite of sedimentary and volcanic rocks, including units of alkalic affinity, resemble rocks of the Timiskaming Group near Kirkland Lake.

The Shebandowan assemblage occurs as two linear belts of fluvial-alluvial sediments, alkalic volcanics and intrusive rocks deposited in fault bound basins within the older Keewatin stratigraphy. These structurally controlled basins are inferred to be products of localized extension during early regional transpression of the greenstone sequences. This extension led to the formation of pull-apart basins that were later infilled with the Timiskaming-like sequences (i.e. Shebandowan assemblage).

The Shebandowan Greenstone Belt is host to numerous gold occurrences particularly within the two belts of Timiskaming-like rocks. The southern of these two belts is referred to as the Matawin Gold Belt. The Tower Mountain property is situated within the eastern limits of this belt (Figure 7).

4.2 Property Geology

The Tower Mountain property is underlain by neo-Archean (2960 M.A) lithologies dominated by alkalic monzonite/syenite intrusive in the eastern half of the area and a broad metavolcanic package in the western half consisting mostly of massive microporphyritic andesite extrusive to hypabyssal units and lesser trachyte. Other lithologies include volcanic breccia, feldspar porphyry and rare mafic to diabase dykes. Regarding structure, previous work and aeromagnetics reveals a distinct WNW trend throughout the majority of the area especially within the intrusive. Previous mapping and geophysics also show a NNE trend locally as well as EW trending lineaments mostly in the southern portion of the intrusive. Narrow shear zones and fault gouge were intersected but overall are rare. Additionally, any kind of penetrative fabric is mostly absent but highly variable breccia textures are common and well-developed locally. The volcanics exhibit weak to moderate but generally pervasive regional sub-greenschist chlorite alteration. By far the dominant secondary alteration assemblage throughout the property is carbonate (calcite>>>ankerite) and hematite which occur in all rock types and highly variable tenors. Post-dating the Ca-Fe alteration is sericite-chlorite, pyrite, epidote and minor tourmaline attributed to hydrothermal alteration. See figure 8.

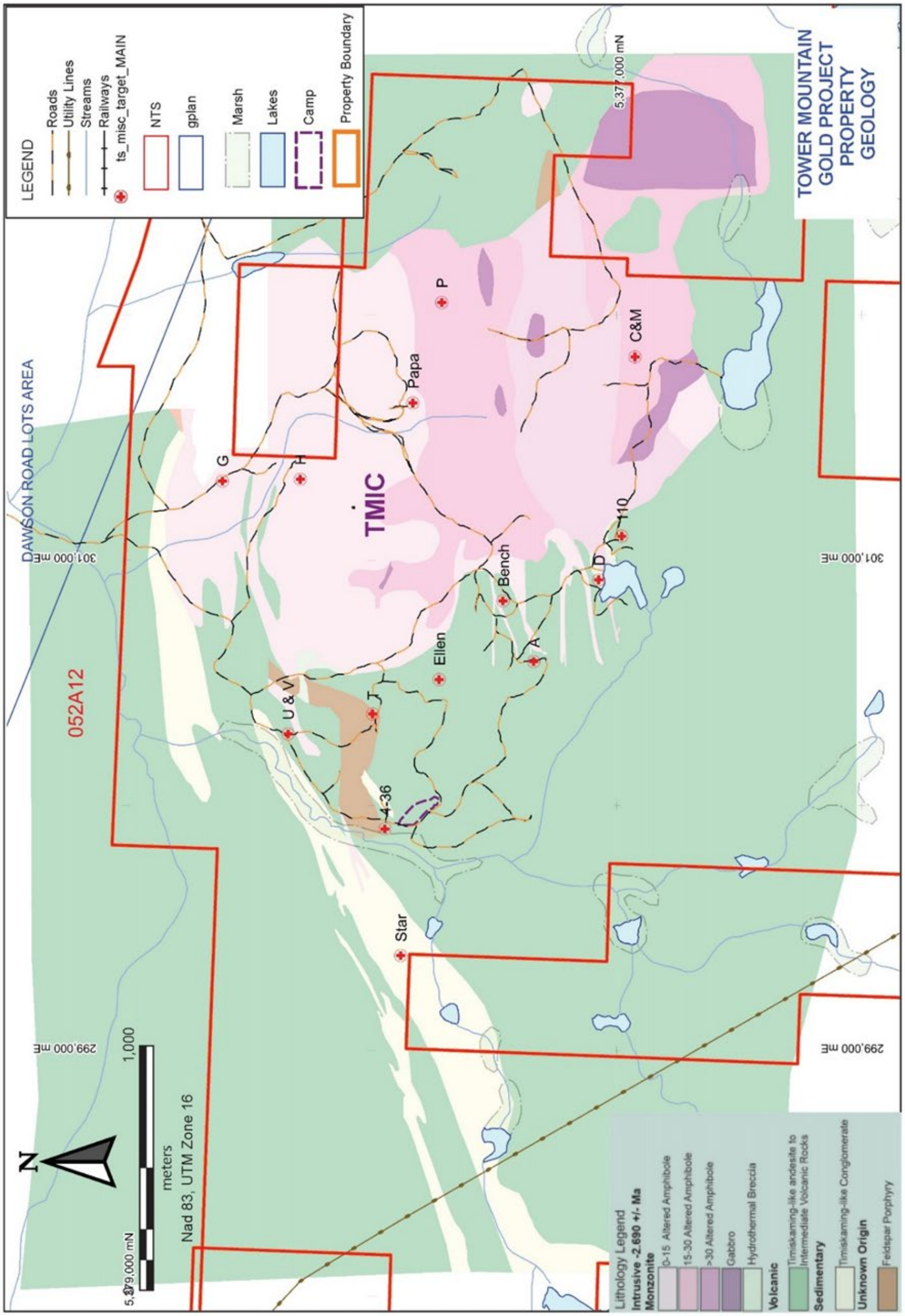


Figure 8: Property geology map based on Miscellaneous Release—Data 330

5. Phase 1 Drilling 2021

Phase 1 drilling on the Tower Mountain Project started February 3 and ended on March 27, 2021 and was carried out by B.C. Diamond Drilling Inc. It comprised of 10 holes in 2,480 metres, was designed to (1) test the depth potential of some of the historical gold showings located throughout the Property, (2) test for down-dip extensions based on historical drilling, and (3) test new areas discovered as a result of the fall 2020 prospecting program such as the newly discovered Ellen Zone.

Hole No.	Zone	Easting	Northing	Az	Dip	Total Metres	Targets
TM-21-88	H Zone	301420	5378310	245	-50	208.79	mapping shows NNE structural trend - test 60m south of 4 (drilled first due to drainage)
TM-21-89	H Zone	301315	5378355	240	-50	224.64	mapping shows NNE structural trend - test underneath showing
TM-21-90	UV	300101	5378250	35	-60	147.19	continuation of TM-04-23 from EOH 300m - test downdip from TM-04-24
TM-21-91	UV	300145	5378135	025	-60	239.88	test downdip from TM-04-22 and TM-04-08
TM-21-92	04-36	300035	5377965	250	-50	228.90	enigmatic area; linking the intersections from TM-04-36 and TM-11-59 shows a 300 deg strike roughly parallel to Bench and main structural trend throughout the property - hole is designed to test directly underneath main intercept of 04-36 as well as within <20m of intercept from TM-05-38 and test possible WNW strike from 4.5m wide intercept from TM-07-51 @ 102.5-107m that graded 1.37 g/t.
TM-21-93	Lee North	300205	5377812	045	-50	285.60	test two surface showings
TM-21-94	Creek Zone	300437	5377679	045	-50	275.27	test surface showing
TM-21-95	D Zone	301020	5377110	250	-50	274.91	test 30-40m below intercept from TM-03-08 but at better angle re: possible 300 deg strike
TM-21-96	A Zone	300600	5377375	255	-55	256.32	one hole to test directly underneath horseshoe shaped trench with numerous grab/chip samples > 1.0 g/t Au - note that Noranda drilled a fair number of holes at/proximal to trench but no assays available
TM-21-97	West Bench	300676	5377364	070	-70	347.71	test downdip of TM-11-78, TM-11-79 and TM-11-86 AND test trench at shallow depth

5.1 Summary for Drilling

TM-21-88 and 89, located 700 metres to the east of the U-V Zone, these holes were designed to test the H Zone area in which sampling from the fall 2020 prospecting program outlined gold mineralization over a strike length of at least 100 metres (*see* Company news release dated December 10, 2020). The two drill holes intersected strong to moderate potassic alteration within a broad package of volcaniclastics over the entire length of the drill holes. Given the anomalous gold concentrations encountered in these drill holes, it is now thought that the H Zone may dip moderately to the southwest and the that the current drill holes, which were drilled west-southwest, were likely drilled underneath the interpreted moderate-dipping mineralization. White Metal is planning a stripping program on the H Zone to start in mid-May in order to obtain a better understanding of the orientation and projection of the H Zone.

TM-21-90, located at the U-V Zone, was designed to extend the length of historical drill hole TM-04-23, which was stopped at 300 metres length. By going back down the same hole, White Metal extended this drill hole a further 154 metres and was able to test the possible down-dip mineralized extension that was reported in historical drill hole TM-04-24, which returned 70.5 metres at 1.07 g/t Au (from 264.0-334.5 m). Drill hole TM-21-90 successfully intercepted the mineralized gold zone at depth, which assayed 0.9 g/t Au over 16.5 metres, thus extending the known gold mineralization by 50 metres to the southwest and providing evidence that this zone is still open for expansion.

TM-21-92 was drilled in the area of the 04-36 Zone, located about 400 metres southwest of the U-V Zone where historical drill hole TM-04-36 returning 25.0 g/t Au over 3.0 metres. The best intersections returned from TM-21-92 were: 3.0 m at 0.96 g/t Au (from 50.5-53.5 m) and 10.5 m at 0.25 g/t Au (from 61.0-71.5 m). It must be noted that the true control of the higher grade gold is not clearly understood and more work is needed to help explain the complexity of this zone.

TM-21-93 was designed to test the North Lee Zone which is located 400 metres to the south of the U-V Zone. This hole encountered various breccias and volcaniclastic rocks with up to 3% disseminated pyrite and potassic alteration. This drill hole returned two anomalous gold intercepts: 10.5 m at 0.39 g/t Au (from 8.0-18.5 m) and 57.0 m at 0.23 g/t Au (from 32.0-89.0 m).
The weakly anomalous intercepts from TM-21-93 but especially the 85.0m mineralized intercept from TM-21-94 suggests there is significant potential that the UV Zone and Bench zones may be connected and represents a still mostly underexplored area to explore for higher grade zones and continuity of mineralization between the two zones.

The Company is awaiting assay results for the following three (3) diamond drill holes:

TM-21-95 was drilled to test the extension of historical diamond drill hole TM-03-08 which returned broad intercepts of anomalous gold. Hole TM-21-95 encountered potassic ± epidote and hematite altered volcanic rocks and local, narrow micro-syenite, with the lower 110 metres containing 5-10% disseminated pyrite.

TM-21-96 was designed to test the A Zone where historical trenching by Noranda yielded assay results such as 6.17 g/t Au over 6 metres and 5.26 g/t Au over 7 metres (see News Release dated October 29, 2020). In addition, historical diamond drilling by Noranda had intercepts such as 16.5 g/t Au over 3 m which included 30.5 g/t Au over 1 metre. Hole TM-21-96 was orientated to test the depth extension of the this known gold mineralization. Similar lithologies, alteration and pyrite mineralization to that reported by Noranda were also observed in this drill hole.

TM-21-97 was designed to test the down-dip extent of the lengthy intercepts of gold mineralization reported in historical drill holes TM-11-78, TM-11-79, and TM-11-86. Hole TM-21-97 is located on the west side of the Bench Zone and was orientated to the east-northeast where it also tested the down-dip extension of the Bench Zone. This hole encountered various volcanic rocks and micro-syenite and of particular note, an extremely complex 53 metre wide alteration zone containing 5 to 15% pyrite.

Drill Hole	From (m)	To (m)	Interval (m)	Au (g/t)	Zone
TM-21-88	no significant assays				H
TM-21-89	no significant assays				
TM-21-90	373.50	390.00	16.50	0.90	U & V
TM-21-91	no significant assays				
TM-21-92	50.50	53.50	3.00	0.96	4-36
and	61.00	71.50	10.50	0.25	
TM-21-93	8.00	18.50	10.50	0.39	Ellen West
and	32.00	89.00	57.00	0.23	
TM-21-94	10.00	92.50	82.50	1.75	Ellen
incl.	10.00	55.00	45.00	3.00	
incl.	16.00	17.50	1.50	59.90	
incl.	32.50	34.00	1.50	12.20	
TM-21-95	21.00	51.00	30.00	0.33	D
and	112.50	174.00	61.50	0.51	
incl.	117.00	120.00	3.00	1.50	
TM-21-96	no significant assays				A
TM-21-97	95.50	148.00	52.50	0.32	
and	232.00	268.00	36.00	0.62	
incl.	248.50	262.00	13.50	1.04	
and	289.00	311.50	22.50	0.50	
incl.	308.50	311.50	3.00	1.15	

6. Recommendations

An IP survey was conducted during Phase 1 drilling but based on the results it is recommended that this be extended to the north and south. Any additional targets should be explored with drilling as well as the areas between the zones. Addition surface mapping and trenching is required to get a better understanding of the property geology.

7. Certification of Qualifications

I Cathy Salo, of 475 Francis St. East, Thunder Bay, Ontario, do hereby certify that:

1. I hold a Bachelor of Science Degree in Earth Science (1989) from Memorial University of Newfoundland, St. John's, Newfoundland and Labrador.

2. I have practiced my profession in Ontario since 1989 and have been employed directly by Ontario mining exploration companies since 2002 as the sole proprietary of Salo Geoscience Services.

3. I am a professional geologist.

Cathy Salo, P.Geo

Salo Geoscience Services

Date: January 20, 2023

8. References

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1987: Geological Setting of Gold Mineralization in the Western Part of the Shebandowan Greenstone Belt, District of Thunder Bay, Northwestern Ontario; Ontario Geological Survey, Open File Report 5636,

APPENDIX I
List of claims

Tenure No.	Type	status	Issue date	Anniversary	Claim Due	Holder
160753	Boundary Cell Mining Claim	Active	20180410	20231206	20231206	(100) MELVIN ANGUS STEWART
167123	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
186594	Boundary Cell Mining Claim	Active	20180410	20231206	20231206	(100) MELVIN ANGUS STEWART
199788	Boundary Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
239212	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
239873	Boundary Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
245609	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
264551	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
281539	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
284691	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
304871	Boundary Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
119844	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART
134174	Single Cell Mining Claim	Active	20180410	20231211	20231211	(100) MELVIN ANGUS STEWART
138667	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
138668	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
142907	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
143562	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
141836	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
146447	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
158630	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
160745	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
595398	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595399	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595400	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595401	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595402	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595403	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595404	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595405	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595406	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595407	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595408	Single Cell Mining Claim	Active	20200612	20230612	20230612	(99) Thunder Gold Corp., (1) MELVIN ANGUS STEWART
595409	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595410	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595411	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595412	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595413	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595414	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595415	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595416	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595417	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595418	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595419	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595420	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595421	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595422	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595423	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595424	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
595425	Single Cell Mining Claim	Active	20200612	20230612	20230612	(100) Thunder Gold Corp.
167124	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
175048	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
176437	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
176925	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
180646	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART
186654	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
195038	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
199789	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
203672	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
215936	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
226748	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
234524	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART
234525	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART
239240	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
243746	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
241623	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
251071	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
268550	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART

Tenure No.	Type	status	Issue date	Anniversary	Claim Due	Holder
267286	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
277893	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
276378	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
277573	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
286518	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
286519	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
288751	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
290562	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART
290520	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
296780	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
302207	Single Cell Mining Claim	Active	20180410	20231211	20231211	(100) MELVIN ANGUS STEWART
300445	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
305545	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
306412	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
309585	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
312290	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
314262	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
324072	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
324027	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
325618	Single Cell Mining Claim	Active	20180410	20231203	20231203	(100) MELVIN ANGUS STEWART
326962	Single Cell Mining Claim	Active	20180410	20231206	20231206	(100) MELVIN ANGUS STEWART
329740	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
337191	Single Cell Mining Claim	Active	20180410	20231126	20231126	(100) MELVIN ANGUS STEWART
343624	Single Cell Mining Claim	Active	20180410	20231217	20231217	(100) MELVIN ANGUS STEWART
334136	Single Cell Mining Claim	Active	20180410	20231122	20231122	(100) MELVIN ANGUS STEWART

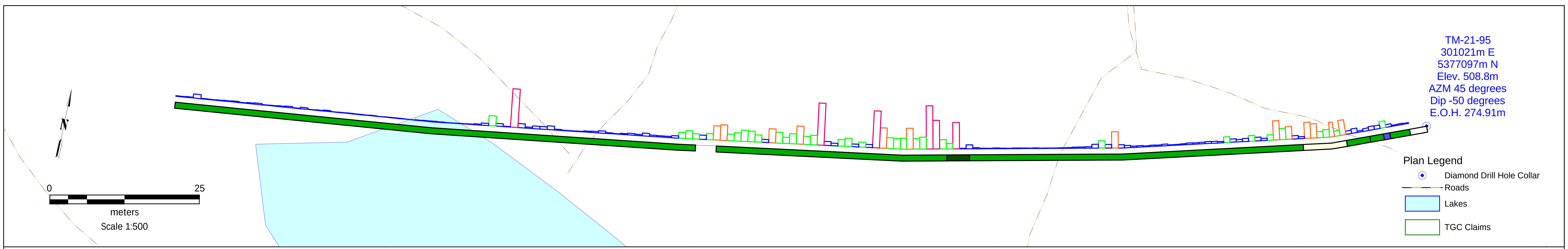
Tower Mountain Gold Project Patents within Property Boundary.

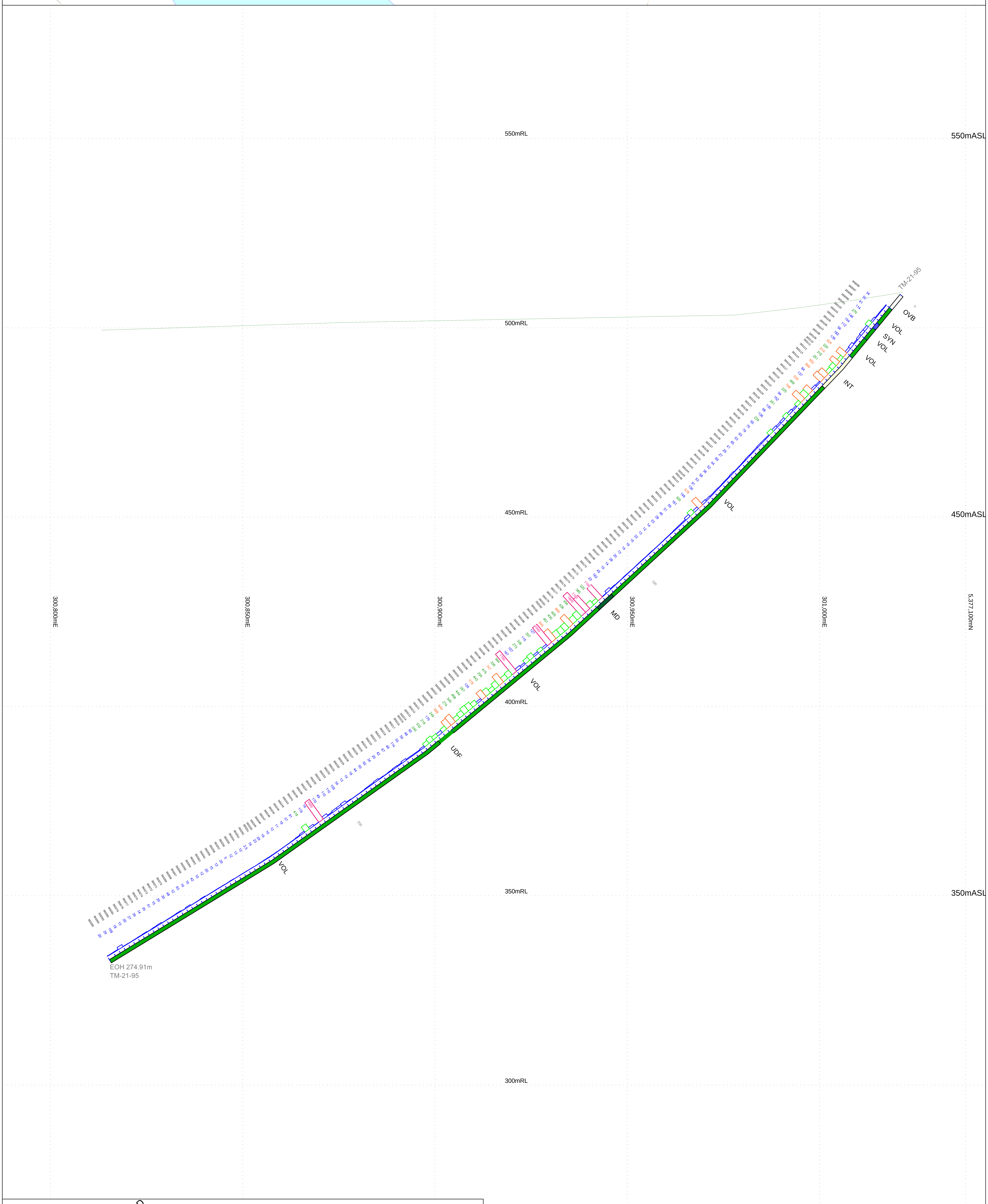
Label	Disposition	Owner	
Pat-53398	Mining and Surface rights	Stewart	agreement between Thunder Gold Corp
Pending-appr.-reg	Mining and Surface rights	Nicoles	agreement between Thunder Gold Corp
Pat-53399	Mining and Surface rights	Stewart	agreement between Thunder Gold Corp
Pat- 680376	Mining and Surface rights	Anderson	agreement between Thunder Gold Corp
Pat-54300	Mining and Surface rights	Stewart	agreement between Thunder Gold Corp
PAT-54228	Mining and Surface rights	Thunder Gold	

APPENDIX II
Plan Map


N
0
250
meters
Scale 1:5,000
5,379,000
5,378,000
5,377,000
300,000
301,000
302,000
303,000
160753
186594
167123
281539
199788
243746
300445
267286
199789
138668
138667
134174
326962
167124
309585
325618
277573
176437
119844
286518
302207
234524
290562
Pat- 680376
Pat-53399
Pat-54300
Pat-54228
334136
234525
Pat-53398
Pending-appr.-reg
141836
306412
276378
305545
312290
595399
595402
324072
175048
268550
226748
143562
G
H
U & V
T
4-36
Star
Ellen
Papa
P
Bench
A
D
110
C&M
TM-21-90
300098E m
5378256
N m383.955
35m
-60degrees
444.09m
TM-21-91
300144E m
5378136
N m400.91
25m
-60degrees
239.88m
TM-21-89
301313E m
5378358
N m412.098
240m
-50degrees
225m
TM-21-88
301403E m
5378317
N m415.102
245m
-50degrees
208.79m
TM-21-92
300036E m
5377965
N m399.238
250m
-50degrees
229m
TM-21-93
300213E m
5377814
N m420.239
45m
-50degrees
286m
TM-21-94
300433E m
5377686
N m422.104
45m
-50degrees
275.27m
TM-21-97
300670E m
5377367
N m480.194
70m
-70degrees
348m
TM-21-96
300624E m
5377382
N m470.53
255m
-55degrees
256.32m
TM-21-95
301021E m
5377097
N m508.815
45m
-50degrees
274.91m
LEGEND
Gold Zones
Section line
COLLARS_PH1
Trace
Streams
Roads
Core Facility
Lakes
Marsh
Patents
Thunder Gold Claims
Property Outline
Date: 2023-01-26
Author: csalo
Office:
Drawing:
Scale: 1:5000
Thunder Mountain
Gold Project
Plan Map
Projection: UTM Zone 16 (NAD 83)

APPENDIX III
Drill Sections





HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

- OVB - Overburden
- HYP - Porphyritic Latite (Hypabyssal Intrusive)
- SYN - Syenite
- POR - Porphyry
- MSY- Massive Syenite
- INT- Intermediate
- VOL - Volcanic rocks
- UND- undifferenated
- FRG - Fragmented Volcanic Rocks
- TRC - Trachyitic Texture Volcanic
- TUF-Tuff
- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

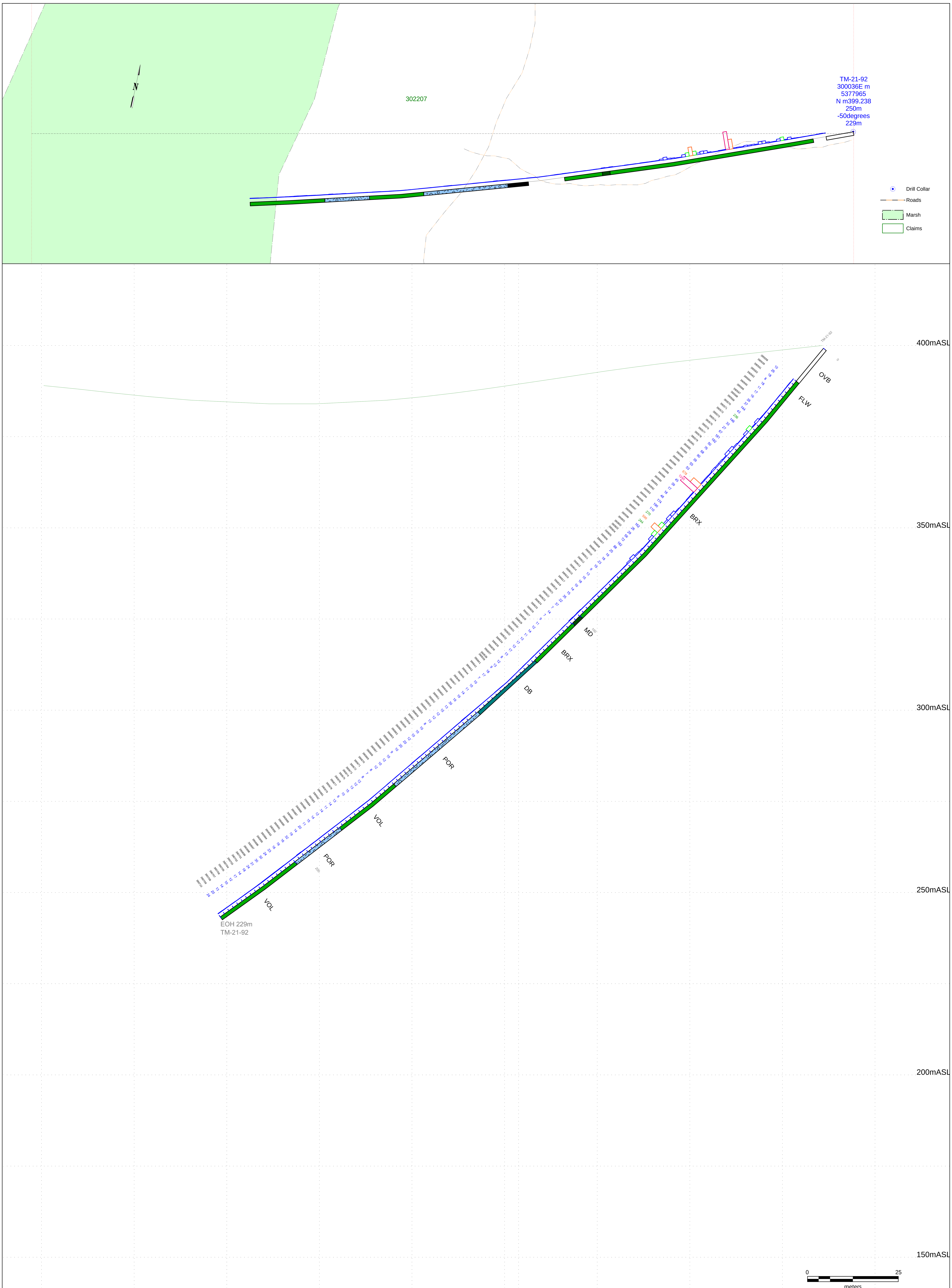
Au ppb

- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

Thunder Mountain Gold Project
Section TM21-095

Date: 2022-11-14
Author: csalo
Office:
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 25
meters
Scale 1:500



HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

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- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

Au ppb

- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

THUNDER

Thunder Mountain
TM-21-92

Date: 2023-01-26

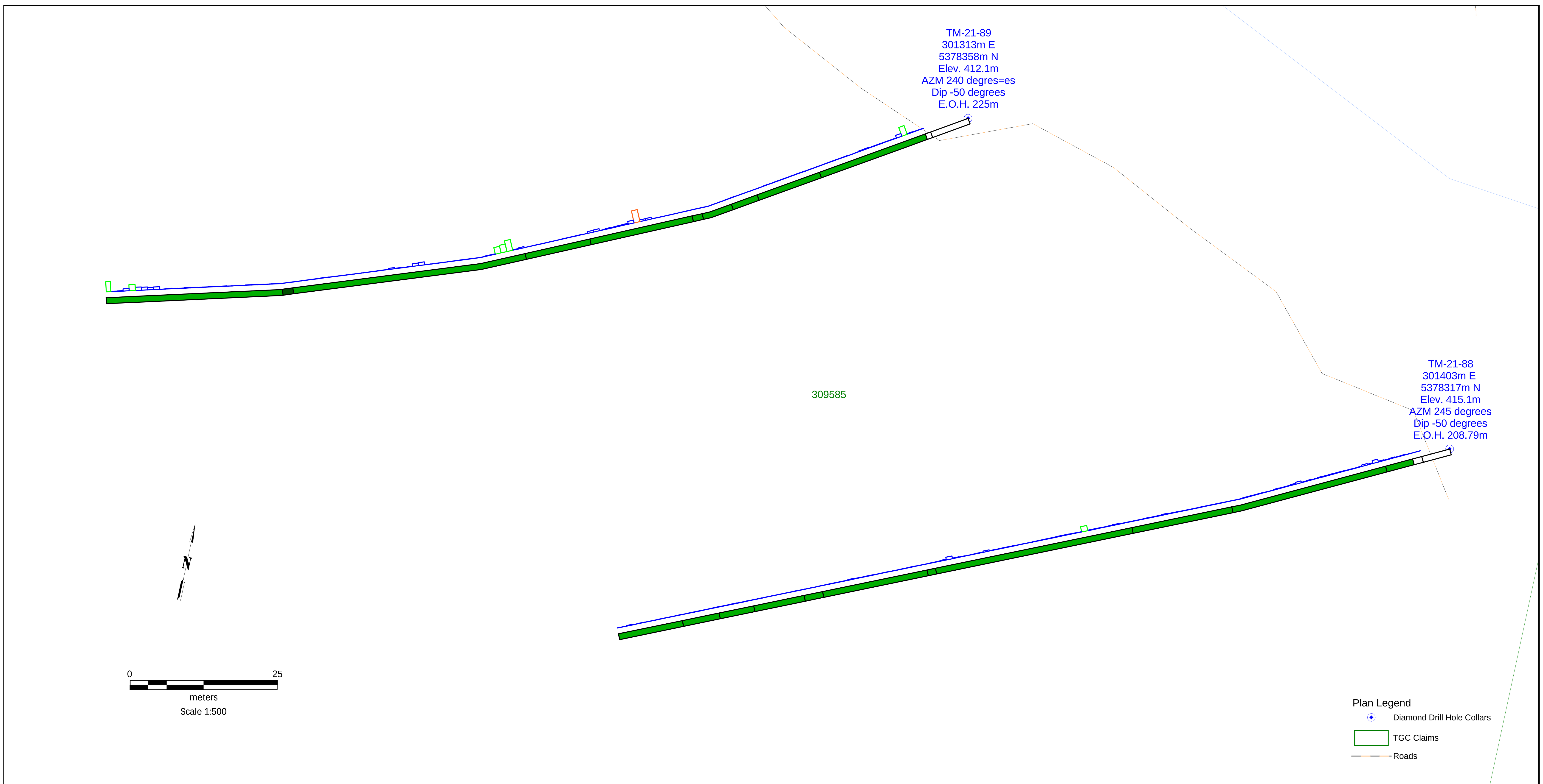
Author: csalo

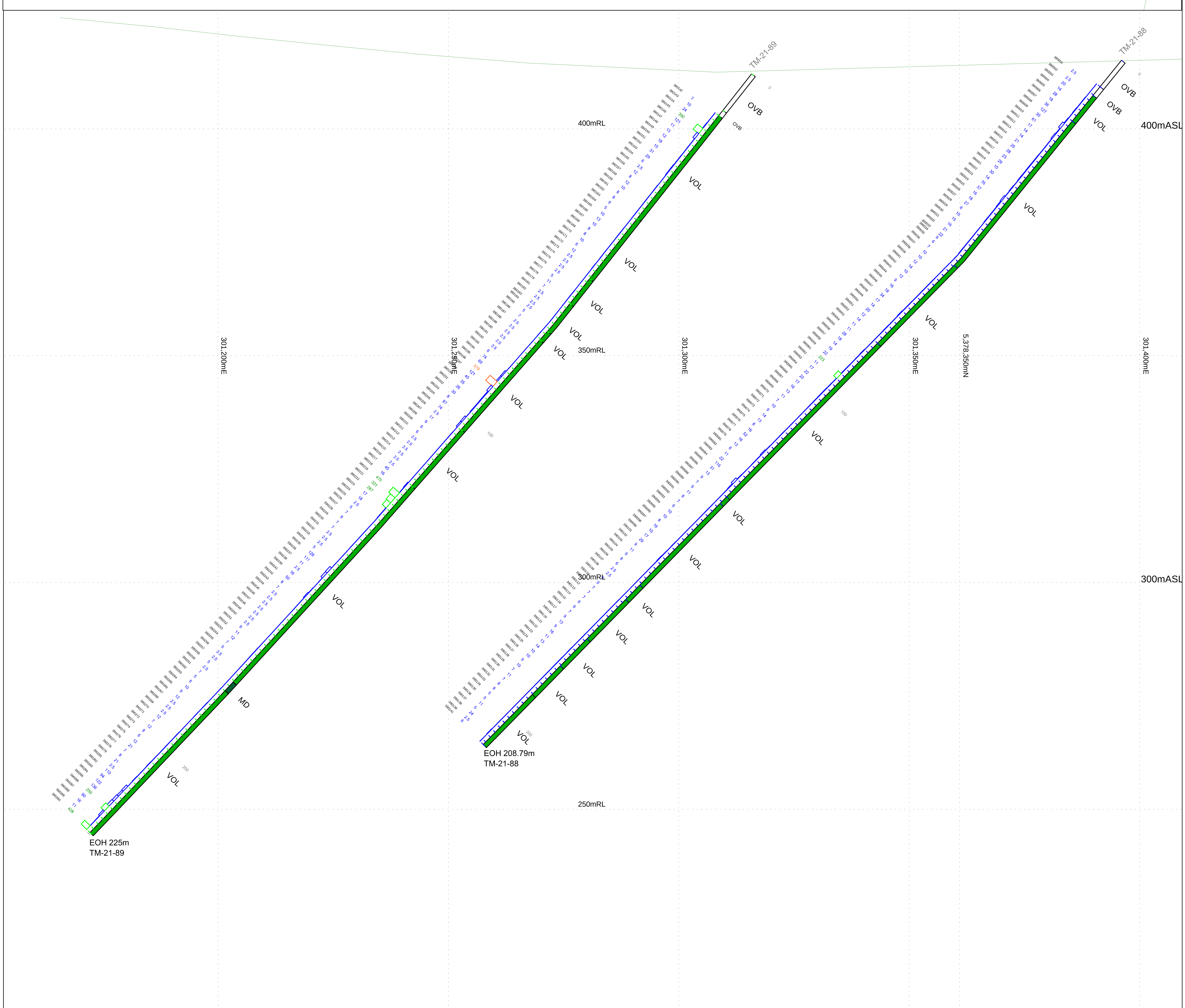
Office:

Drawing:

Scale: 1:500

Projection: Non-Earth (meters)





HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

- OVB - Overburden
- HYP - Porphyritic Latite (Hypabyssal Intrusive)
- SYN - Syenite
- POR - Porphyry
- MSY- Massive Syenite
- INT- Intermediate
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- FRG - Fragmented Volcanic Rocks
- TRC - Trachyitic Texture Volcanic
- TUF-Tuff
- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

Au ppb

- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

THUNDER

Thunder Mountain Gold Project
Sections TM21-088 & TM21-089
Looking NNE

Date: 2022-11-14

Author: csalo

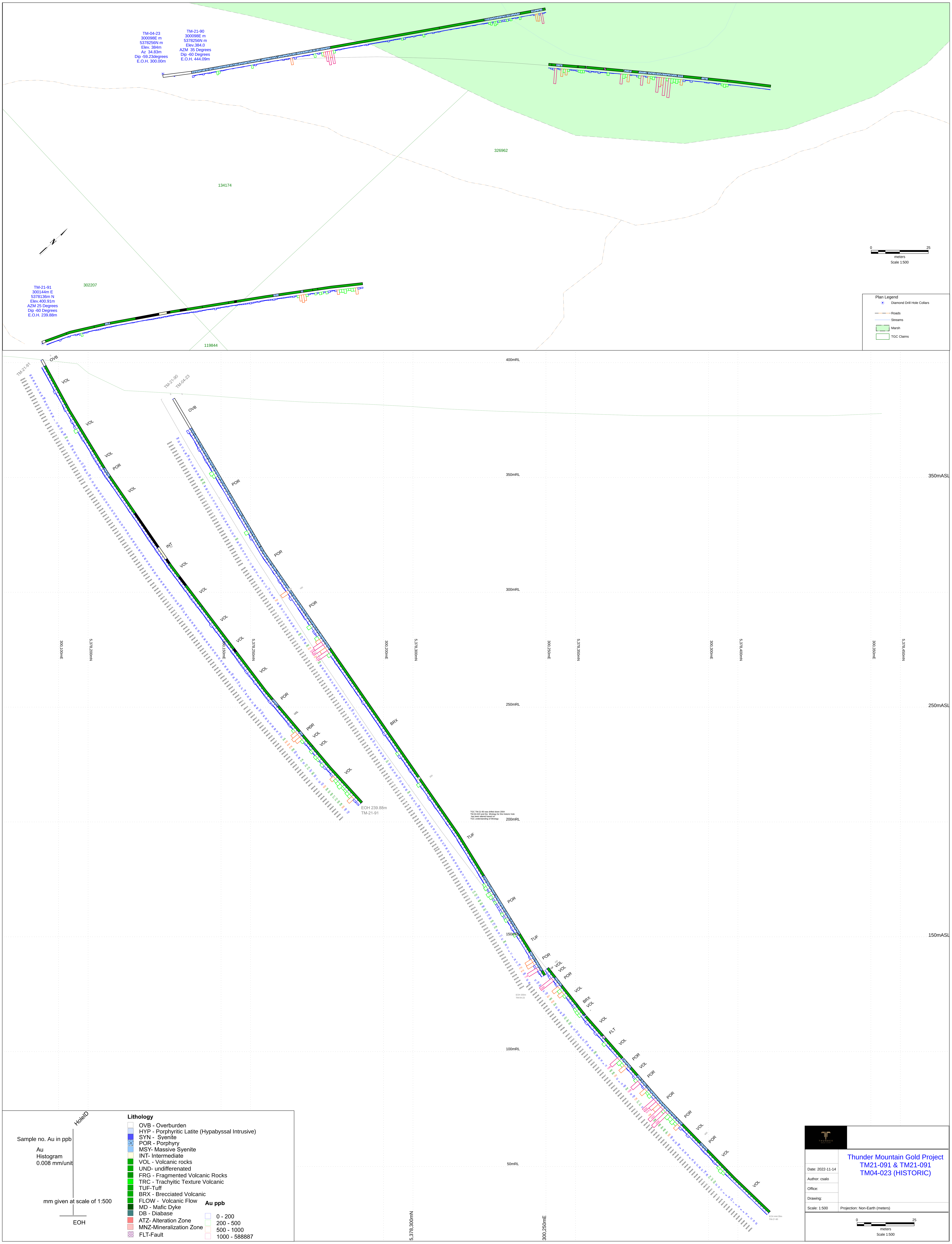
Office:

Drawing:

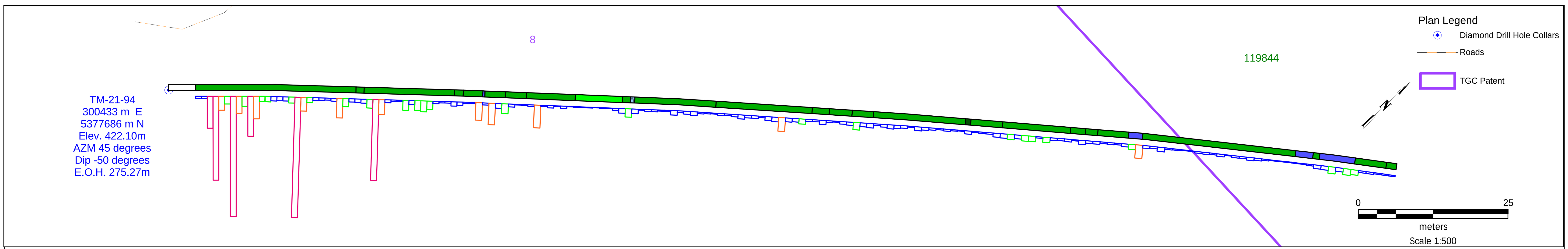
Scale: 1:500

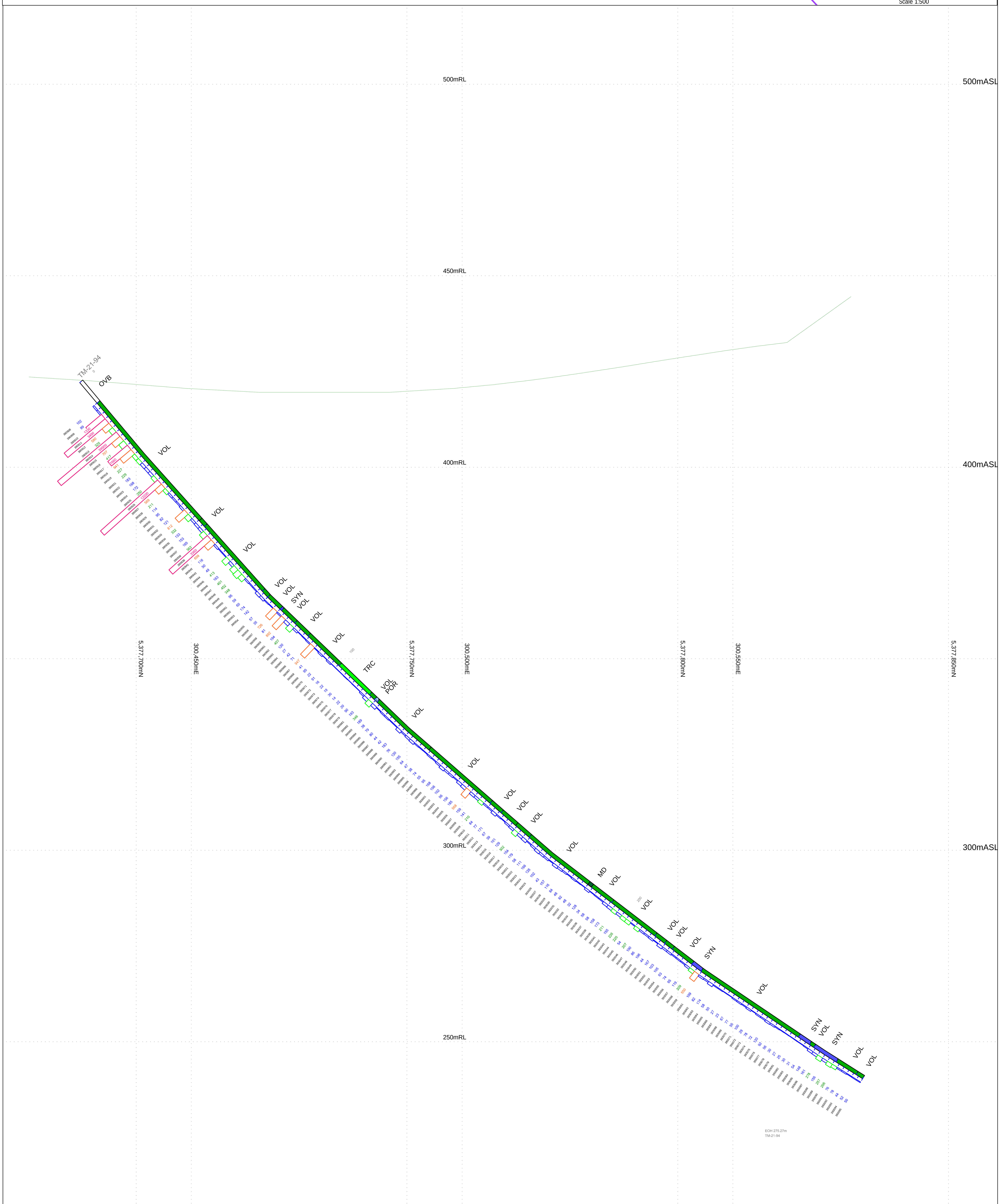
Projection: Non-Earth (meters)

0 25
meters
Scale 1:500



TM-04-23
300098E m
5378256N m
Elev. 384m
Az 34.83m
Dip -59.23degrees
E.O.H. 300.00m
TM-21-90
300098E m
5378256N m
Elev.384.0
AZM 35 Degrees
Dip -60 Degrees
E.O.H. 444.09m
326962
134174
TM-21-91
300144m E
5378136m N
Elev.400.91m
AZM 25 Degrees
Dip -60 Degrees
E.O.H. 239.88m
302207
119844
N
0
25
meters
Scale 1:500
Plan Legend
Diamond Drill Hole Collars
Roads
Streams
Marsh
TGC Claims
400mRL
350mRL
300mRL
250mRL
200mRL
150mRL
100mRL
50mRL
350mASL
250mASL
150mASL
300,100mE
5,378,200mN
5,378,250mN
300,200mE
5,378,300mN
300,250mE
5,378,350mN
300,300mE
5,378,400mN
300,350mE
5,378,450mN
TM-21-91
TM-21-90
TM-04-23
OVB
VOL
POR
INT
BRX
TUF
FLT
EOH 239.88m
TM-21-91
HoleID
Sample no. Au in ppb
Au
Histogram
0.008 mm/unit
mm given at scale of 1:500
EOH
Lithology
OVB - Overburden
HYP - Porphyritic Latite (Hypabyssal Intrusive)
SYN - Syenite
POR - Porphyry
MSY- Massive Syenite
INT- Intermediate
VOL - Volcanic rocks
UND- undifferenated
FRG - Fragmented Volcanic Rocks
TRC - Trachyitic Texture Volcanic
TUF-Tuff
BRX - Brecciated Volcanic
FLOW - Volcanic Flow
MD - Mafic Dyke
DB - Diabase
ATZ- Alteration Zone
MNZ-Mineralization Zone
FLT-Fault
Au ppb
0 - 200
200 - 500
500 - 1000
1000 - 588887
5,378,300mN
300,250mE
Thunder Mountain Gold Project
TM21-091 & TM21-091
TM04-023 (HISTORIC)
Date: 2022-11-14
Author: csalo
Office:
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)
0
25
meters
Scale 1:500





HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

- OVB - Overburden
- HYP - Porphyritic Latite (Hypabyssal Intrusive)
- SYN - Syenite
- POR - Porphyry
- MSY- Massive Syenite
- INT- Intermediate
- VOL - Volcanic rocks
- UND- undifferenated
- FRG - Fragmented Volcanic Rocks
- TRC - Trachytic Texture Volcanic
- TUF-Tuff
- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

Au ppb

- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

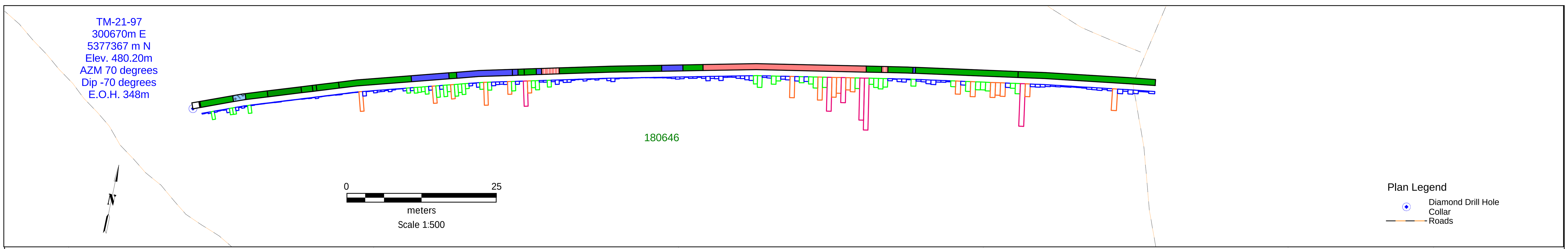
200mASL

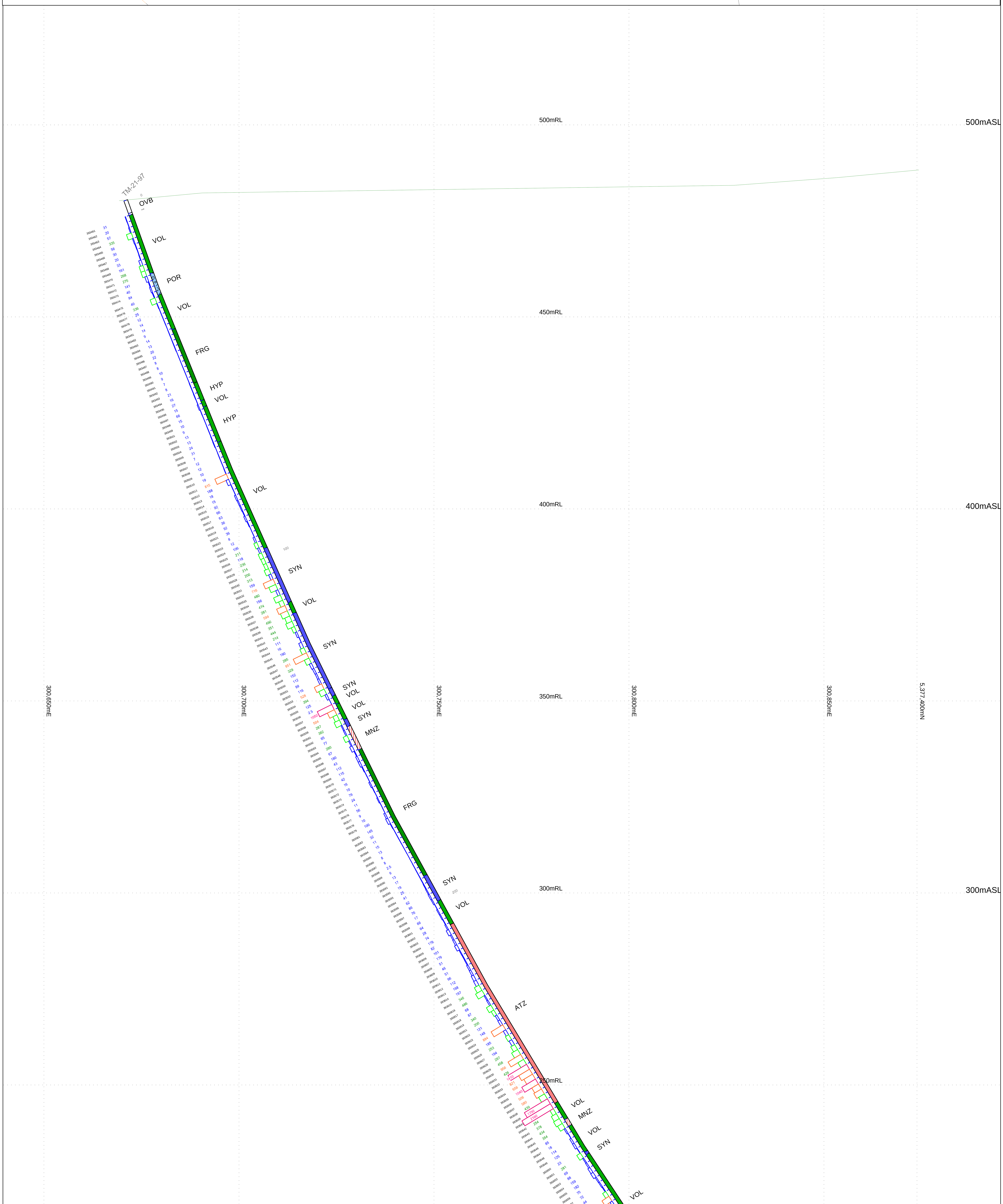
300,550mE

Thunder Mountain Gold Project
Section TM21-094

Date: 2022-11-14	
Author: csalo	
Office:	
Drawing:	
Scale: 1:500	Projection: Non-Earth (meters)

0 25
meters
Scale 1:500





HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

- OVB - Overburden
- HYP - Porphyritic Latite (Hypabyssal Intrusive)
- SYN - Syenite
- POR - Porphyry
- MSY- Massive Syenite
- INT- Intermediate
- VOL - Volcanic rocks
- UND- undifferenated
- FRG - Fragmented Volcanic Rocks
- TRC - Trachyitic Texture Volcanic
- TUF-Tuff
- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

Au ppb

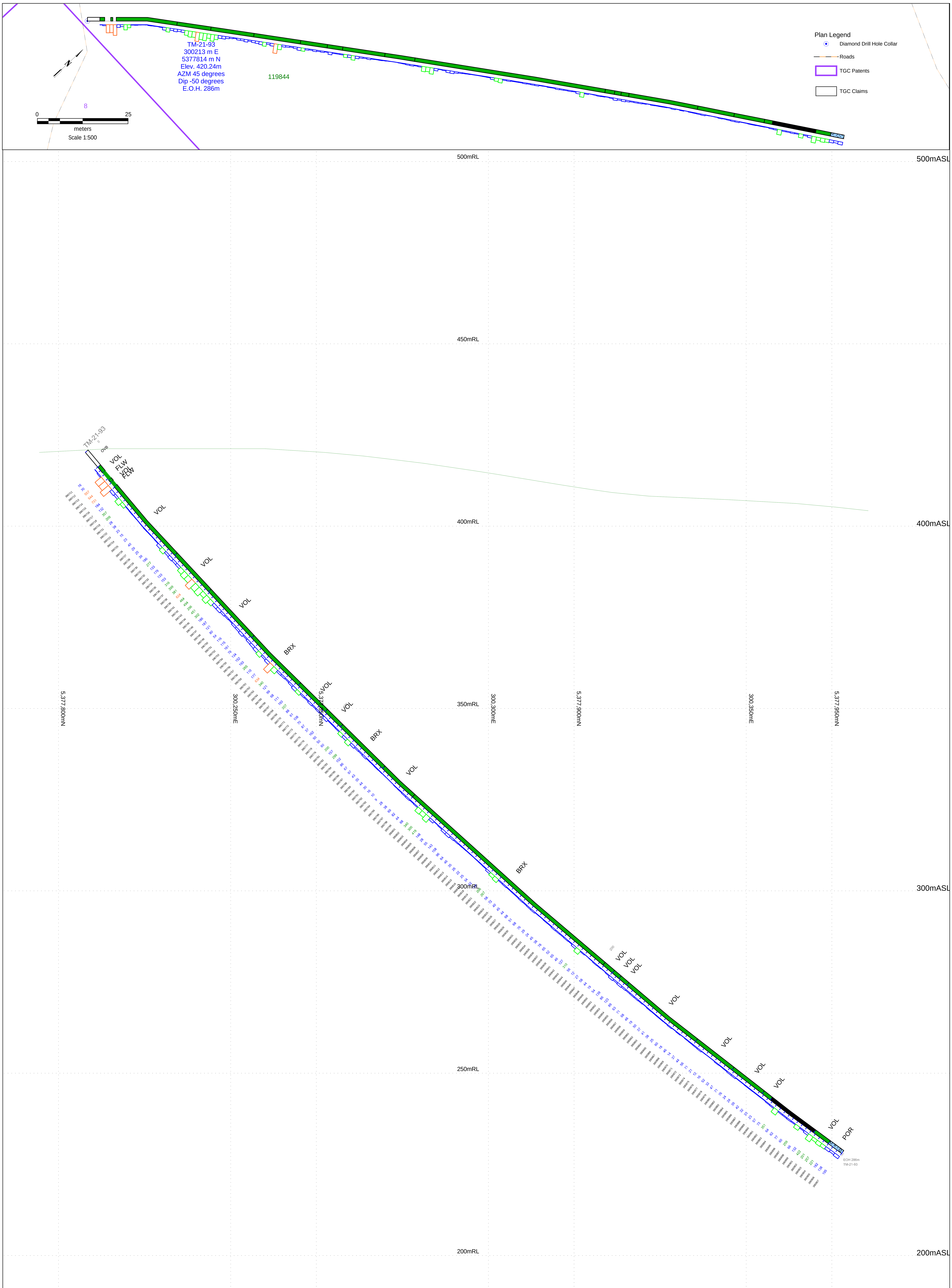
- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

THUNDER MOUNTAIN GOLD CORP

Thunder Mountain Gold Project
Section TM21-097

Date: 2022-11-14
Author: csalo
Office:
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 25
meters
Scale 1:500



HoleID

Sample no. Au in ppb

Au
Histogram
0.008 mm/unit

mm given at scale of 1:500

EOH

Lithology

- OVB - Overburden
- HYP - Porphyritic Latite (Hypabyssal Intrusive)
- SYN - Syenite
- POR - Porphyry
- MSY- Massive Syenite
- INT- Intermediate
- VOL - Volcanic rocks
- UND- undifferenated
- FRG - Fragmented Volcanic Rocks
- TRC - Trachyitic Texture Volcanic
- TUF-Tuff
- BRX - Brecciated Volcanic
- FLOW - Volcanic Flow
- MD - Mafic Dyke
- DB - Diabase
- ATZ- Alteration Zone
- MNZ-Mineralization Zone
- FLT-Fault

Au ppb

- 0 - 200
- 200 - 500
- 500 - 1000
- 1000 - 588887

Thunder Mountain Gold Project
Section TM21-093

Date: 2022-11-14
Author: csalo
Office:
Drawing:
Scale: 1:500
Projection: Non-Earth (meters)

0 25
meters
Scale 1:500

APPENDIX IV
Drill Logs

Lithology		Alteration/Veining		Mineralization		Intensity		Core Ori	
OVB	overburden	se	sericite	py	pyrite	tr	trace	vn	vein
MAF	mafic	si	silification	cp	chalcopyrite	wk	weak	cn	contact
INT	intermediate	fc	Fe carb	bn	bornite	md	medium	fr	fracture
FEL	felsic	kp	K spar	po	pyrrhotite	st	strong	sh	shear
ITR	intrusive	ab	albite	mo	molybdenite	pv	pervasive	af	alt'n front
SYN	syenite	ch	chlorite	ga	galena	ds	disseminated	bd	bedding
MNZ	monzonite	hm	hematite	sp	sphalerite			fo	foliation
GAB	gabbro	mt	magnetite	as	arsenopyrite				
DIO	diorite	ep	epidote						
VOL	volcanic	tm	tourmaline						
UDF	undifferenated	bi	biotite						
AND	andesite	fu	fuchsite						
LAT	latite	qz	quartz						
FLW	flow	ca	calcite						
TUF	tuff	fl	fluorite						
FRG	fragmental	cy	clay						
BRX	breccia								
XTL	crystal								
LAP	lapilli								
LTH	lithic								
POR	porphyritic								
TRC	trachytic								
CNG	conglomerate								
PMC	polymictic								
HTL	hydrothermal								
FTZ	fault zone								
SHZ	shear zone								
DIA	DIABASE								

TM-21-88

BC DRILLING INC.

Target Area	Azimuth	Dip	Depth (m)	Easting(m)	Northing(m)	Elevation(m)	NAD 83	Date Started	Date Finished	Logged By
H Zone	245	-50	208.79	301315	5378355	406	ZONE 16	06-Feb-21	11-Feb-21	B. LaPeare

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-88	0	7.62	OVB - no return	OVB														
TM-21-88	7.62	10.10	OVB - diorite boulders	OVB														
TM-21-88	10.10	17.50	Up to 15 % as </= 3mm subhedral-euhedral mafics in a very dark grey groundmass, occurring as laths w/ mod to locally well developed alignment but locally felted; rare course mafic clasts </= 3cm- 15% as </= 3mm subhedral-euhedral mafics in a very dark grey groundmass, occurring as laths w/ mod to locally well developed alignment but locally felted; rare course mafic clasts </= 3cm This intercept is differenated from underlying unit due to very pervasive red/brown K alt'n giving it a microsyenite appearance but tuff texture evident 3-5% as calcic stringers at random but mostly high angle to C.A - matrix exhibits pervasive well developed calcic alt'n Moderately magnetic thru out ≤ 2% subhedral py as disseminated to local clusters/blebs	TUF	PY	2			KP	ST	CA	MD	MT	MD	CA	5		
TM-21-88	17.50	59.15	complex unit due to highly mottled, intercalated texture of fine/med gr, dark grey tuff approx 40% of overall unit w/ patchy to locally > semi-pervasive and highly amorphous, irregular K alt'n and x-cutting w/local K+Ca vnlts • locally in upper 5m coarse (5-7cm) rounded fragments of dk grey tuff within K alt'n ; locally gives the intercept a quasi breccia texture • calcite is moderately developed thru out best assoc., w/ K alt'n; note that some tuff fragments are calcic while others are not • <3% as very thin calcite stringers that x-cut all textures, alt'n and K+Ca vnlts • overall 2% py mostly as local clusters of fgr subhedral blebs and less commonly as vfgr disseminated	TUF	PY	2			KP	ST	CA	MD	MT	MD	CA	3		
TM-21-88	59.15	83.50	Similar to 17.5-59.15m but crysts are plag >> mafic as opposed to above where mafic crysts dominate, crysts vary from being aligned to 'felted' and locally exhibit 'broken' texture (69-70m) Coarse (≤ 10cm) rounded fragments of tuff within pervasive K alt'n similar to above unit exhibiting a highly mottled, amorphous appearance thru out between dk grey unaltered tuff and and pink K alt'n locally visually augmenting crysts where they are closely spaced (76.7m); possibly a FP but difficult to determine Calcite alt'n is pervasive thru out; weak-mod in tuff and strongly developed w/ K alt'n; calcite stringers and rare vnlts generally at 30° CA Mod magnetic thru out 2% py as local blebs and disseminated	TUF	PY	2			KP	ST	CA	MD	MT	MD	CA	3		

TM-21-88

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-88	83.50	131.45	Similar protolith as above units but differences as outlined below: 1) significant decrease in magnetite in K alt'n but - unalt'd tuff remains magnetic (K alt'n is magnetic in above units) - 2) starting at 87.25m patchy, vfgr, dk grey hematite - (specularite?) assoc., w/ calcic infill - 3) similar py min'z as above units but at 91.0m increases to~ 5% locally as vfgr within open space infill of calcite+ hematite and locally well developed cm scale patches assoc., w/ K alt'n (i.e 94.15m) 4) presence of qtz+flourite vnlts at 101.25-101.50m w/ flourite as later overgrowths of qtz 5) un-identified patchy alt'n at 109.00-109.40m as amorphous,pale beige/brown/grey Starting at 112.5m to end of unit; locally irregular calcite OR qtz + tourmaline (chl?) patchy infill flourite as later overgrowths of qtz (i.e 123.6-123.9) and can exhibit magnetite OR hematite (specularite?) assoc., w/ local patchy inc., in K-altn • 3-5% py locally thru out either as vfgr disseminated or as mm scale clots/clusters thru out majority of unit • mafic dyke at 118.15-118.45m • starting at 126.35m tenor of K-alt'n shows a mod dec to end of unit • at 130.65m; ca + tm vnlt x-cuts k-alt'n (i.e 123.6-123.9) and can exhibit magnetite OR hematite (specularite?) assoc., w/ local patchy inc., in K-altn	TUF	PY	5			KP	MD	MT	WK	HM	WK	QZ	2	FL	1
TM-21-88	131.45	133.50	Differeniated due to weak but pervasive K alt'n giving the unit a somewhat homogeneous texture and locally crysts are totally alt'd to K spar giving the unit a 'spotted' texture (i.e 131.45-131.60) @ 132.70m is a very unique infill texture 4cm across w/ calcite at centre forming an almost hexagon w/ overgrowths of k-spar & tm on outer rim - looks like a geode minor random ca stringers ~1% diss vfgr py	TUF														
TM-21-88	133.50	159.00	Same/similar to 83.50 - 131.45m @145.45 - 146.40m - 3 stages of veining; 1) low angle tm stringers x-cuts 2) high angle qz stringers and 3) tm stringers are x-cut by qz-ca-chl vnlts @145.50 m a 10cm qz vein exhibits well developed wallrock bx'n	TUF	PY	3												
TM-21-88	159.00	163.50	somewhat similar to 131.45-133.5m w/ local crysts alt'd to Ca+K (calcite at centre) giving 'spotted' texture locally (159.8-160.0m) but lacks pervasive K-alt'n local rounded coarse clasts of dk grey tuff and one clast of syenite (162.75m)	TUF	PY	0.1			KP	WK	CA	WK						
TM-21-88	163.50	175.80	similar to 133.5-159.0m mostly dk grey w/ low/mod patchy K alt'n dec in py to <2% but same style mostly mag poor but patchy @ 167.1-167.4m as obderved thru out a number of above units closely spaced crysts within K alt'n gives unit an intrusive/hypabyssal appearance locally	TUF	PY	1			KP	WK	MT	WK						
TM-21-88	175.80	184.25	differentiated due to strong and pervasive tenor of K alt'n giving the unit a quasi microsyenite appearance non-magnetic thru out <3% as mostly planar qz stringers +/- ca <1% as vfgr diss py	TUF	PY	0.5			KP	ST					QZ	3	CA	0.5

TM-21-88

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-88	184.25	193.20	mostly dark grey with K alt'n patchy and only locally developed - > 5% as qtz +/- tm mostly planar stringers at high angle; qtz variable between smoky grey and milky white; rare qz+ca vnlts - </= 1% vfgr diss py	TUF	PY	0.5			KP	WK					QZ	5	TM	1
TM-21-88	193.20	208.79	same as 175.8-184.25m; 3% as qtz only vnlts except at 204.6m w/ calcite + tourmaline as infill (not a vnlt) <1% diss vfgr py	TUF	PY	0.5			KP	ST					QZ	3		

TM-21-89

Hole_ID	Target Area	Azimuth	Dip	Depth (m)	Easting(M)	Northing(M)	Nad 83	Elevation(M)	Date Started	Date Finished	Logged By
TM-21-89	H Zone	240	-50	224.64	301315	5378355	Zone 16	404	12-Feb-21	16-Feb-21	B. LaPeare

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-89	0.00	10.50	no return	OVB												
TM-21-89	10.50	12.00	boulders, clay - poor return	OVB												
TM-21-89	12.00	41.60	Highly mottled and amophous texture between dk grey, fgr xtl tuff and brownish pink pervasive K alt'n @ roughly 40/60; K alt'n mostly obliterates protolith texture. Magnetite is variable thru out from mod to locally well developed assoc., w/ calcite infill (not vnlt) as subhedral overgrowths (21.3m). Calcite alt'n is semi-pervasive mostly assoc., w/ K alt'n. Pyrite occurs as highly localized clusters of vfgr dissemin@ed to rare fg blebs; py is almost always w/ K alt'n generally best developed in upper half of unit @ 3-5% decreasing downhole to <2%; @ 34.9m py assoc., w/ calcite + tourmaline infill. 10cm wide shear @ 32.0m @ 60° C.A w/ parallel Ca+K vnlts and clay gouge	TUF	PY	3	KP	ST	MT	MD	CA	MD				
TM-21-89	41.60	59.00	Characterized by decrease in K+Ca alt'n and decrease in py to <1% to absent. Black, vfgr, irregular shaped clasts @ <1-4cm; roughly 3-5% of unit. 5-7% as Ca+K stringers; @ 50.5m low angle calcite stringers clearly show K wall rock alt'n w/ tourmaline (chl?) stringers. Local qz vnlts ± calcite.	TUF	PY	TR	KP	MD	MT	MD	CA	WK	QZ	3	CA	1
TM-21-89	59.00	66.20	A somewhat unique unit in that while K alt'n is pervasive calcite alt'n and vnlts/stringers are absent and non magnetic thru out and py is absent. Locally silicfied/qz flooded. Protolith almost completely destroyed except at 61.7-62.5m. Veining is mostly qz only or highly irregular anastomosing stringers of sericite + chlorite + clay(?) and is highly localized (159.25m). Chlorite + clay well developed on local fractures. Random, irregular to planar qz vnlts at low angle C.A. in lower half of unit	TUF			KP	PV	SI	WK	CH	WK	QZ	5	SE	1

TM-21-89

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-89	66.20	74.20	Similar to above xtl lithic tuff but clasts are generally smaller at ≤ 1cm. K alt'n is weak to absent except as wallrock alt'n of up to 15% planar calcite vnlts/stringers @ high angle C.A. Calcite alt'n in matrix but very localized. Pyrite as vfgr disseminated noted in lower 40cm of unit but trace overall.	TUF	PY	TR	MT	MD	KP	WK	CA	WK	CA	15		
TM-21-89	74.20	76.80	Same/similar as 59.00-66.20m except; no ser+chl+clay stringers and well developed brecciation of wallrock in highly irrrgular qz veining thru out	TUF			KP	PV	SI	WK			QZ	5		
TM-21-89	76.80	103.30	Similar to above xtl lithic tuff w/ 3-5% as cm scale, vfgr, black clasts but local inc in K alt'n. Intercepts of crowded cryst texture enhanced by K alt'n; looks intrusive/sub-volcanic but broken crysts and lack of sharp contracts strongly suggests K alt'n; compare 83.6-84.0m w/ pervasive strong K alt'n and 91.2-91.9m w/ same crowded cryst texture but in dk grey unaltered matrix of tuff. Centred at 100.0m is a highly mixed zone between dk grey matrix and K alt'd crowded cryst texture - difficult to impossible to determine paragenesis of x-cutting relationships - very amorphous. Magnetite variable thru out ranging from mostly mod to locally non-magnetic; roughly assoc., w/ K alt'n. Calcite also variable ranging from absent to mod assoc., w/ both K alt'n; 2-3% as local calcite infill (not vnlt)	TUF	PY	TR	KP	MD	MT	MD	CA	WK				
TM-21-89	103.30	120.10	Locally distinctive 'spotted' texture (as also noted in TM-21-88) w/ med gr anhedral crysts locally completely alt'd to K spar ± calcite centres (i.e 106.75-108.0m). Weakly to mod magnetic thru out. Calcite alt'n highly variable but local vnlts @ 10-40° C.A. ± K alt'n. Pyrite is locally trace to mostly absent	TUF	PY	TR	KP	WK	MT	MD	CA	WK				

TM-21-89

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-89	120.10	178.80	Similar to 76.8-103.3 except K alt'n occurs locally but not as strongly developed. Pyrite inc., to 3-5% esp., in upper half of unit mostly as disseminated to local small vfgr clusters. Note highly amorphous texture @ 156-157m w/ well developed py; decrease in py below 157m but still locally well developed (161.2m). Calcite only as random stringers. Weakly magnetic but very localized	TUF	PY	5	KP	WK					CA	3		
TM-21-89	178.80	181.45	Dull green, fine/med gr w/ mafic crysts roughly aligned @ 45-70° C.A. K alt'n is absent except proximal to lower contact as Ca+K vnlt. Mod to strong calcite alt'n thru out + 5-7% as stringers. Non-magnetic and py is absent. Both contacts are sharp.	DYK			CA	ST	CH	WK			CA	7		
TM-21-89	181.45	224.64	Similar to 120.1-178.8m. Brick red alt'n locally suggests hem overprint of K alt'n (201.4-202.1m). In upper part of unit ≤ 1% vfgr disseminated py but trace to absent in most of unit. Mostly non-magnetic but locally weak (214-215m) Calcite is mostly absent but very locally mod-strong. Vnlts of qz±tm locally thru out (i.e. 202.2m) @ 40-60° C.A 2% of unit as coarse fgr black mafic clasts	TUF	PY	TR	KP	WK	CA	LC	HM	LC	QZ	7	TM	1
		EOH														

TM-21-90

BC DRILLING INC.

	Target Area	Azimuth	Dip	Depth	Elevation		Easting	Northing	NAD 83			Date Started	Date Finished				Logged By	
	Creek Zone	35◦	-60	444.09m	379m		300101m	5378250m	Z16			17-Feb-21	23-Feb-21				B. LaPeare	
Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-90	300.00	302.20	Msv, dull grey, fgr (is this Felsic lapilli tuff from TM-04-24?) Lapilli's and less commonly crysts are only locally visible (possible flow?) Locally wkly developed K alt'n - patchy & irregular & well devloped phyllic alt'n in upper part of unit 3% as random qz vnlts +/- ca; qz variable from smoky grey to milky white; one vnlt at end of unit w/ tm and diffuse K wallrock alt'n Non-magnetic and sulphide poor	TUF					SE	MD	KP	WK			QZ	2	CA	1
TM-21-90	302.20	305.20	Mostly well developed phyllic alt'n as vfgr, pale dun colour; locally x-cut by highly random <1mm black (tm?) stringers (i.e 304.7m) Porphyritic texture locally/partially preserved - intercalated from underlying unit? <2% as qz +/- ca stringers/vnlts Trace diss vfgr py	VOL	PY	0.1			SE	ST					QZ	2	CA	0.5
TM-21-90	305.20	309.90	Mostly fresh/unalt'd w/ >40% as anhedral/subhedral plag crysts <1-3mm w/ random orientation/felted in dk greenish grey fgr/vfgr matrix <2% as random qz stringers/vnlts locally w/ tm/chl Trace diss py	POR	PY	0.1									QZ	2		
TM-21-90	309.90	320.25	Same/similar to 303.2-305.2m Phyllic alt'n more widespread Qz vnlts x-cut black tm stringers which x-cuts phyllic alt'n Trace diss py	VOL	PY	0.1			SE	ST					QZ	2		
TM-21-90	320.25	321.00	Highly variable textures; diffuse (ghosted) porphyritic texture locally within well devloped phyllic alt'n w/ x-cutting black stringers Bx'n locally well developed (i.e 300.25-300.55) w/ coarse irregular frags @ >1-7cm clasts of phyllic alt'd host rock within vfgr black (tm?) matrix 3-5% locally well developed vfgr diss py within frags and matrix	BRX	PY	4			SE	ST								
TM-21-90	321.00	325.75	Same/similar as above phyllic alt'd units but porphyritic texture slightly more preserved Local random black stringers in upper 1m Trace diss vfgr py	VOL	PY	0.1			SE	MD								
TM-21-90	325.75	326.25	Diabase; msv, black, vfgr, magnetic Sharp lower contact	DBE														
TM-21-90	326.75	338.05	Same/similar as above phyllic alt'd units but more intercalated between int vol (phyllic alt'n) & FP which is variable between difffuse/alt'd & fresh unalt'd porphyry @ 331.5-332.25m - locally bx'd w/ irregular coarse angular dk grey frags within phyllic alt'n & a 3cm qz vnlt w/ frgas of wallrock & wk dusting of hm; local brown alt'n - biotite(?) @ 334.45-334.70m are highly random discontinuous qz vnlts/stringers w/ assoc., tm(?) and x-cuts phyllic alt'n Lower 2m is mostly FP but matrix appears to be ser+bio alt'd >1% diss vfgr py	VOL	PY	1			SE	MD	BI	0.5			QZ	2		
TM-21-90	338.05	339.55	Fault/Vein Zone - highly ser+chl alt'd w/ planar qtz vnlts @ 45 deg plus highly irregular qz infill locally Zone is centred by 20cm wide fault gouge Sulphide poor	FTZ	PY	0.1									QZ	30		

TM-21-90

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-90	339.55	351.05	Dull greenish grey, msv w/ 10-15% as anhedral/subhedral mafic grains </= 1mm diss locally thru out and alt'd to chl - gives unit a 'speckled' appearance Local qz vnlts w/ bx'd wallrock (340.10m); random tm/chl stringers x-cut by qz veining - 3-5% qz veining overall Sulphide poor	VOL	PY	0.1									QZ	4	TM	1
TM-21-90	351.55	356.65	Similar to above porphyritic units Brecciation of phyllic alt'd coarse clasts within vfgr black matrix to 351.80m exhibits up to 3% vfgr diss py - plag xtls visible in matrix Local mod to well developed phyllic alt'n locally (i.e 355.10m) Calacite on local fx's only <1% vfgr diss py thru out Lower contact relatively sharp	POR	PY	0.5												
TM-21-90	356.65	361.00	Msv, fgr/mdgr, mostly brownish grey - 10-15% as very poorly sorted anhedral mafic grains <1-3mm Brownish colour possibly due to semi-pervasive K alt'n (w/biotite??) @ 358.90-359.30m porphyritic texture either as alt'd remnants or possibly enhanced texture due to wallrock alt'n of qz +/- tm stringers OR possibly as diffuse dykelets but no sharp contacts Py is mostly trace but locally well developed on broken surfaces (not fx)	VOL	PY	0.5			KP	WK								
TM-21-90	361.00	367.20	Typical porphyritic texture but locally destroyed due to alt'n @ 364.40-366.10m matrix exhibits pale brown alt'n (biotite?) - sericitic alt'n front abruptly stopped at qz stringer @ 362.75m @ 362.70-363.40m as wk/mod developed brecciation w/ black vfgr matrix and ~4% diss vfgr py but </= 1% overall py	POR	PY	1			BI	WK					QZ	2		
TM-21-90	367.20	386.25	Highly intercalated between FP, black matrix bx and possible volcanic but fgr volanic intercepts can show very diffuse 'ghosted' porphyritic texture; note coarse rounded FP clast w/patchy phyllic alt'n @ 384.15m @381.00-383.30m matrix exhibits dull orange brown pervasive alt'n - Fe carb + silicification (?) @378.55-378.95m is well developed bx ~3% qz vnlts/stringers x-cut all all textures and alt'n As w/ above bx units vfgr diss py inc to 3% - cpy noted on broken surface (not fx) @ 373.35m	POR	PY	3	CP	0.1	SE	MD					QZ	3		
TM-21-90	386.25	390.05	Similar to above porphyritic units but crysts show wkly developed lineation at 60-70 deg in lower 50 cm of unit and local minor patches (</= 10cm) very dk grey and vfgr alt'n destroying porphyritic texture (i.e 387.20m) - lacks brecciation and biotite alt'n as noted @ 361.00-367.20m <1% vfgr diss py	POR	PY	0.5			SE	MD								
TM-21-90	390.05	401.25	Same/similar to 356.65-361.00m but bx only wkly developed @ 395.10-395.25m Unit is pale greenish grey due to phyllic alt'n exhibting 5-7% anhedral mafic crysts Tm stringers @ 398.40 and 'bands' of tm grains @ 400.20m ~1% diss vfgr py - but may be higher as it's difficult to estimate	VOL	PY	1			SE	ST					TM	0.5		
TM-21-90	401.25	405.65	As above porphyritic units - locally matrix exhibits pervasive K alt'n in upper half of unit - @ 402.10-402.30m K alt'n is overprinted by patchy mod developed phyllic alt'n Trace diss py	POR	PY	0.1			KP	MD	SE	WK						

TM-21-90

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-90	405.65	417.70	Same/similar as 390.05-401.25m Mostly phyllic alt'd but local K alt'd FP over 5-10cm wide intercepts however very diffuse/gradational edges suggest it is alt'n remnant within broad phyllic alt'n (not a clast) - see 407.20-408.60m for local examples Black tm (?) stringers are locally common Sulphide poor Lower contact noted by well developed alt'n front	VOL	PY	0.1			SE	MD	KP	WK			TM	0.5		
TM-21-90	417.70	444.09	Differeniated due to pervasive K alt'n and absence of porphyritic texture - anhedral 1-3mm mafic crysts alt'd to chl best developed in lower part of unit - K alt'n absent below 430.45m - possible hm overprint @ 437.55- Irregular to planar qz vnlts at 70 deg which x-cut random local black (tm?) + py stringers (435.95m) - ~2% overall veining 10cm bx @ 419.70m w/ black vfgr matrix and angular clasts of wallrock Sulphide poor except in lower 4m of unit where highly irregular qz veining exhibits local well developed as patchy clusters to py stringers - overall py = ~2% - trace cpy as vfgr diss grains	VOL	PY	2			KP	MD					QZ	2		

EOH

Hole_id	from_m	to_m	Description	code	Min_1	Min_1 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	0.00	3.00	Overburden/Casing	OVB												
TM-21-91	3.00	22.40	Dark greenish grey, mostly fgr to vfgr but w/ local anhedral clasts mostly 1-3mm but up to 1cm . Texture ranges from homogenous to exhibiting 'spotted' texture w/ mafic clasts/crysts alt'd to chlorite. H'thermal alt'n mostly absent and overall appears to be regional g'schist - patchy phyllic alt'n occurs in lower 3m. Py occurs as 1) locally developed w/ qz vnlts and infill (13.20-14.30) and 2) vfgr disseminated thru out most of unit.	TUF	PY	4	PH	WK	CH	WK			QZ	3		
TM-21-91	22.40	46.00	Very heterogenous and amorphous thru out due to well developed phyllic alt'n and locally weakly developed K alt'n - possible hem dusting @ 26.9-27.1m. Locally felted texture of crysts @ 26.5-26.9m. Where phyllic alt'n is well developed coarse subangular/subrounded black vfgr clasts (42.85-43.15m) are pronounced and unalt'd and x-cut by py stringers (27.8-28.15m). Possible hypabyssal sub-unit @ 34.8-35.9m. Phyllic alt'n is commonly x-cut by black (tm/ch?) stringers (<1mm) ± py. K alt'n @ 38.75-42.40m w/ slight inc., in diss py. Py occurs as 1) disseminated 2) stringers 3) assoc., w/ qz vnlts - overall py ≤ 5%. Lower contact noted by dec., in tenor of phyllic alt'n	VOL	PY	5	QZ	MD	SE	MD	KP	WK	QZ	2	TM	1
TM-21-91	46.00	54.90	Msv, fgr, dull dark grey - mostly unaffected by h'T alt'n except diffuse but pervasive phylic alt'n in lower 2.5m. Py occurs as 1) locally well developed w/ black (tm/ch?) stringers (46.60-47.20m) but mostly disseminated assoc., w/ mafic grains - overall py = 3-5%	TUF	PY	3	QZ	WK	SE	WK			QZ	1	TM	2

TM-21-91	54.90	59.35	Typical and mostly fresh feldspar porphyry. @ 57.35-57.55m phyllic alt'n obliberates porphyritic texture w/ 3% vfgr diss py - either an alt'd xenolith or possible channelway for h'T fluids. @ 55.85m a qz vnlt w/ phyllic wallrock alt'n. @ 56.10-56.30m mafic crysts w/ assoc., py - overall Overall py ≤ 2% as diss and local alt'n Lower contact sharp	POR	PY	2	QZ	WK	SE	WK			QZ	1		
TM-21-91	59.35	78.90	Unit exhibits over 70% pervasive phyllic alt'n varying from mod to very well developed but decreases in lower 1.5m. Local mafic 'clots' (69.20-69.60m). Locally thru out are random but fairly high density black (tm/ch?) stringers x-cutting phyllic alt'n and exhibits wallrock bx'n over 1-2cm widths except @ 76.75-77.40m w/ highly amorphous quasi bx texture locally w/ well developed py as discontinous stringers - also a qz+py vnlt @ 71.15m @ 40 deg C.A. and one qz vnlt @ 78.00m @ 80 deg C.A w/ strong bx'n of wallrock - overall qz veining = 2% mostly planar @ 45-80 deg C.A Py = ≥ 5%	VOL	PY	5	QZ	ST	SE	ST			QZ	2	TM	2
TM-21-91	78.90	97.00	Possible similar/same protolith as above but w/ mostly weak to mod pervasive K alt'n and only locally well developed phyllic alt'n - @ 88.30-89.40m phyllic alt'n overprints K alt'n and exhibits sharp upper alt'n front - @ 89.60m an irregular qz vnlt w/ overgrowths of 1-3mm subhedral, mdgr grains of Fe carb (siderite?). Highly amorphous vfgr black (tm/ch?) alt'n overprints K alt'n. Possible remnant volcanic protolith @ 93-94m. Overall 3% as qz veining either as random/irregular to planar at high angle to C.A Py is mostly disseminated thru out but rare py stringers - 5% locally (81.10m) but overall ≤ 3%		PY	5	QZ	WK	SE	WK	KP	WK	QZ	3		

TM-21-91	97.00	103.20	Highly amorphous and extremely complex unit - protolith completely destroyed but grain size and matrix (i.e 101.00-101.50m) suggests an intrusive. Local vfgr black clasts locally (i.e 98.00-98.40m). K alt'n mod to well developed thru out most of unit. 2% qz vnlts/stringers thru out best developed in lower 3m. 2% py diss thru out. Lower contact sharp	INT	PY	2	KP	MD					QZ	2		
TM-21-91	103.20	105.65	Similar to above FP except one significant difference; the matrix is almost completely K alt'd but plag crysts are unaffected. Vein and sulphide poor				KP	ST								
TM-21-91	105.65	112.90	Remnant dk greenish grey vol'c protolith locally but most of unit exhibits K alt'n > phyllic alt'n. Remnant vol'c w/ vfgr matrix and ~ 30% as mdgr anhedral mafic chl alt'd crysts (?) (i.e 110.35-110.60m) - probable xtl tuff but mdgr texture may suggest diorite. @ 111.90-112.15m - highly irregular shaped 'clots' of qz infill w/ tm (?) - postdates K alt'n 1% as qz stringers at mod/high angle C.A and one rare qz stringer // w/ C.A and pedates high angle veining. Sulphide poor	TUF			KP	MD	QZ	WK	SE	WK	QZ	1		
TM-21-91	112.90	117.60	Similar to above K alt'd FP - in lower part of unit K alt'n destroys porphyritic texture but mostly well preserved - @ 114.70-114.90m mineralogy and texture is similar/same as xtl tuff/diorite as described above. Most qz stringers do not exhibit wallrock alt'n but locally it's well developed as sericite grading out to tm (?) (i.e 113.60m) - @ 116.20-116.50m highly irregular qz infill x-cuts K alt'n and qz infill is x-cut by hairline stringers of tm/ch (?) Qz vnlts + infill ~ 4% Trace diss vfgr py	POR	PY	0.1	KP	WK					QZ	4		

TM-21-91	117.60	129.10	Highly irregular, patchy, amorphous texture thru out w/ complex alt'n that varies between patchy mod developed K alt'n and locally mdgr vol'c similar to xtl tuff/diorite as noted in above units. Local coarse (<10cm) vfgr black clasts. @ 123.95-124.85m: remnant local bands of FP 10-20cm - possible apophysis - mod K alt'd. @ 127.25-128.10m is highly complex alt'n (even more pronounced within overall complex alt'd unit) w/ patchy K alt'n at top 25cm grading into extremely irregular texture of dk to dun grey vfgr matrix w/ anhedral mafic 'clots. Vein and sulphide poor	VOL			KP	MD								
TM-21-91	129.10	148.10	Msv, dk greenish grey - no bedding or mineral alignment noted - slightly speckled texture w/ mdgr anhedral mafic grains in fgr-vfgr matrix. K alt'n only weakly developed in lower part of unit. Irregular qz vnlts @ 141.8-142.20m exhibit wk patchy K wallrock alt'n - qz infill w/ well developed bx'd wallrock @ 145.55-145.65m. Mostly sulphide poor but rare patchy py in K alt'd section @ 146.30m	VOL	PY	0.1	KP	WK					QZ	3		
TM-21-91	148.10	152.40	Dk green to mostly distinctive pale light green, msv to bx'd; @ 149.00-149.75m - highly mottled quasi bx texture and @ 149.10m a white qz vnlt is x-cut by a banded qz+ch vnlt. Sulphide poor	VOL												
TM-21-91	152.40	154.00	Msv, mostly homogenous w/ distinctive dun colour thru out. Local vfgr black crysts suggests a tuff but no bedding or mineral alignment. Vein and sulphide poor	VOL												
TM-21-91	154.00	180.15	Same/similar to 117.60-129.10m - protolth almost completely destroyed - highly mottled texture thru out with K alt'n > phyllic alt'n and rare narrow remnant unalt'd sections (i.e 158.65-158.75m); also remnant FP (165.25-165.55 and 177.00-177.30m). 2% qz vnlts mostly @ 45 deg C.A Sulphide poor	VOL			KP	MD	QZ	WK	SE	WK	QZ	2		

TM-21-91	180.15	184.10	Porphyritic texture mostly preserved; matrix is mostly dull lite brown suggesting ser+bio alt'n. 5% as qz vnlts/stringers. Sulphide poor	POR			SE	WK					QZ	5		
TM-21-91	184.10	198.65	Similar to 154.00-180.15m but phyllic alt'n inc., and K alt'n dec., esp., in lower 5m and phyllic alt'n is dominant in lower 2m. See 186.50-187.00m for complex alt'n texture w/ quasi bx texture Local qz vnlts exhibit either bx'd wallrock and/or assoc., tm (?) 3% qz vnlts overall. Sulphide poor	VOL			QZ	MD	SE	MD	KP	WK	QZ	3		
TM-21-91	198.50	200.75	Similar to 180.15-184.10m 3-5% as as random qz vnlts ± tm (?) Locally texture is diffuse to destroyed due to overprinting phyllic alt'n Subhedral, mdgr mafic grains @ 199.50m	POR			QZ	MD	SE	MD			QZ	5		
TM-21-91	200.75	207.00	Mostly phyllic alt'd (K alt'n absent). Qz vnlts postdate phyllic alt'n but overall qz veining shows inc., to 10-15% and are mostly highly random and locally at high density (i.e. 204.8-205.1m) Mostly sulphide poor but diss py noted @ 202.85m	VOL	PY	0.5	QZ	MD	SE	MD			QZ	10		
TM-21-91	207.00	210.45	Same/similar to 148.10-152.40m Highly random/irregular but high density qz veining at 207.15-207.50m; milky white qz vnlts x-cuts lite grey vitreous qz vnlts - veins are normal to each other; qz infill w/ well developed bx'n of wallrock @ 208.50m; overall qz veining/infill = 15-20%	VOL									QZ	20		
TM-21-91	210.45	239.88	Same/similar to upper K and phyllic mixed alt'n zones; becomes more K rich @ 216.25m Mafic grains @ 211.00-211.15m Mod magnetic at 227.65 to 237.35m - non-magnetic above and only locally developed below Sulphide poor except @ 226.80m where one discontinuous py stringer noted	VOL	PY	0.5	QZ	MD	SE	MD	MT	WK				
		EOH														

TM-21-91

BC DRILLING INC.

	Target Area	Azimuth	Dip	Depth	Easting	Northing	Elevation	NAD 83	Date Started	Date Finished	Logged By
	UV	25◦	-60	239.88m	300145m	5378135m	397m	Z16	24-Feb-21	27-Feb-21	B. LaPeare

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	0.00	3.00	Overburden/Casing	OVB														
TM-21-91	3.00	22.40	Dark greenish grey, mostly fgr to vfgr but w/ local anhedral clasts mostly 1-3mm but up to 1cm . Texture ranges from homogenous to exhibiting 'spotted' texture w/ mafic clasts/crysts alt'd to chlorite. H'thermal alt'n mostly absent and overall appears to be regional g'schist - patchy phyllic alt'n occurs in lower 3m. Py occurs as 1) locally developed w/ qz vnlts and infill (13.20-14.30) and 2) vfgr disseminated thru out most of unit.	TUF	PY	4			PH	WK	CH	WK			QZ	3		
TM-21-91	22.40	46.00	Very heterogenous and amorphous thru out due to well developed phyllic alt'n and locally weakly developed K alt'n - possible hem dusting @ 26.9-27.1m. Locally felted texture of crysts @ 26.5-26.9m. Where phyllic alt'n is well developed coarse subangular/subrounded black vfgr clasts (42.85-43.15m) are pronounced and unalt'd and x-cut by py stringers (27.8-28.15m). Possible hypabyssal sub-unit @ 34.8-35.9m. Phyllic alt'n is commonly x-cut by black (tm/ch?) stringers (<1mm) ± py. K alt'n @ 38.75-42.40m w/ slight inc., in diss py. Py occurs as 1) disseminated 2) stringers 3) assoc., w/ qz vnlts - overall py ≤ 5%. Lower contact noted by dec., in tenor of phyllic alt'n	VOL	PY	5			QZ	MD	SE	MD	KP	WK	QZ	2	TM	1
TM-21-91	46.00	54.90	Msv, fgr, dull dark grey - mostly unaffected by h'T alt'n except diffuse but pervasive phylic alt'n in lower 2.5m. Py occurs as 1) locally well developed w/ black (tm/ch?) stringers (46.60-47.20m) but mostly disseminated assoc., w/ mafic grains - overall py = 3-5%	TUF	PY	3			QZ	WK	SE	WK			QZ	1	TM	2
TM-21-91	54.90	59.35	Typical and mostly fresh feldspar porphyry. @ 57.35-57.55m phyllic alt'n obliberates porphyritic texture w/ 3% vfgr diss py - either an alt'd xenolith or possible channelway for h'T fluids. @ 55.85m a qz vnlt w/ phyllic wallrock alt'n. @ 56.10-56.30m mafic crysts w/ assoc., py - overall Overall py ≤ 2% as diss and local alt'n Lower contact sharp	POR	PY	2			QZ	WK	SE	WK			QZ	1		

TM-21-91

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	59.35	78.90	Unit exhibits over 70% pervasive phyllic alt'n varying from mod to very well developed but decreases in lower 1.5m. Local mafic 'clots' (69.20-69.60m). Locally thru out are random but fairly high density black (tm/ch?) stringers x-cutting phyllic alt'n and exhibits wallrock bx'n over 1-2cm widths except @ 76.75-77.40m w/ highly amorphous quasi bx texture locally w/ well developed py as discontinous stringers - also a qz+py vnlt @ 71.15m @ 40 deg C.A. and one qz vnlt @ 78.00m @ 80 deg C.A w/ strong bx'n of wallrock - overall qz veining = 2% mostly planar @ 45-80 deg C.A Py = ≥ 5%	VOL	PY	5			QZ	ST	SE	ST			QZ	2	TM	2
TM-21-91	78.90	97.00	Possible similar/same protolith as above but w/ mostly weak to mod pervasive K alt'n and only locally well developed phyllic alt'n - @ 88.30-89.40m phyllic alt'n overprints K alt'n and exhibits sharp upper alt'n front - @ 89.60m an irregular qz vnlt w/ overgrowths of 1-3mm subhedral, mdgr grains of Fe carb (siderite?). Highly amorphous vfgr black (tm/ch?) alt'n overprints K alt'n. Possible remnant volcanic protolith @ 93-94m. Overall 3% as qz veining either as random/irregular to planar at high angle to C.A Py is mostly disseminated thru out but rare py stringers - 5% locally (81.10m) but overall ≤ 3%		PY	5			QZ	WK	SE	WK	KP	WK	QZ	3		
TM-21-91	97.00	103.20	Highly amorphous and extremely complex unit - protolith completely destroyed but grain size and matrix (i.e 101.00-101.50m) suggests an intrusive. Local vfgr black clasts locally (i.e 98.00-98.40m). K alt'n mod to well developed thru out most of unit. 2% qz vnlts/stringers thru out best developed in lower 3m. 2% py diss thru out. Lower contact sharp	INT	PY	2			KP	MD					QZ	2		
TM-21-91	103.20	105.65	Similar to above FP except one significant difference; the matrix is almost completely K alt'd but plag crysts are unaffected. Vein and sulphide poor						KP	ST								

TM-21-91

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	105.65	112.90	Remnant dk greenish grey vol'c protolith locally but most of unit exhibits K alt'n > phyllic alt'n. Remnant vol'c w/ vfgr matrix and ~ 30% as mdgr anhedral mafic chl alt'd crysts (?) (i.e 110.35-110.60m) - probable xtl tuff but mdgr texture may suggest diorite. @ 111.90-112.15m - highly irregular shaped 'clots' of qz infill w/ tm (?) - postdates K alt'n 1% as qz stringers at mod/high angle C.A and one rare qz stringer // w/ C.A and pedates high angle veining. Sulphide poor	TUF					KP	MD	QZ	WK	SE	WK	QZ	1		
TM-21-91	112.90	117.60	Similar to above K alt'd FP - in lower part of unit K alt'n destroys porphyritic texture but mostly well preserved - @ 114.70-114.90m mineralogy and texture is similar/same as xtl tuff/diorite as described above. Most qz stringers do not exhibit wallrock alt'n but locally it's well developed as sericite grading out to tm (?) (i.e 113.60m) - @ 116.20-116.50m highly irregular qz infill x-cuts K alt'n and qz infill is x-cut by hairline stringers of tm/ch (?) Qz vnlts + infill ~ 4% Trace diss vfgr py	POR	PY	0.1			KP	WK					QZ	4		
TM-21-91	117.60	129.10	Highly irregular, patchy, amorphous texture thru out w/ complex alt'n that varies between patchy mod developed K alt'n and locally mdgr vol'c similar to xtl tuff/diorite as noted in above units. Local coarse (<10cm) vfgr black clasts. @ 123.95-124.85m: remnant local bands of FP 10-20cm - possible apophysis - mod K alt'd. @ 127.25-128.10m is highly complex alt'n (even more pronounced within overall complex alt'd unit) w/ patchy K alt'n at top 25cm grading into extremely irregular texture of dk to dun grey vfgr matrix w/ anhedral mafic 'clots. Vein and sulphide poor	VOL					KP	MD								
TM-21-91	129.10	148.10	Msv, dk greenish grey - no bedding or mineral alignment noted - slightly speckled texture w/ mdgr anhedral mafic grains in fgr-vfgr matrix. K alt'n only weakly developed in lower part of unit. Irregular qz vnlts @ 141.8-142.20m exhibit wk patchy K wallrock alt'n - qz infill w/ well developed bx'd wallrock @ 145.55-145.65m. Mostly sulphide poor but rare patchy py in K alt'd section @ 146.30m	VOL	PY	0.1			KP	WK					QZ	3		

TM-21-91

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	148.10	152.40	Dk green to mostly distinctive pale light green, msv to bx'd; @ 149.00-149.75m - highly mottled quasi bx texture and @ 149.10m a white qz vnlt is x-cut by a banded qz+ch vnlt. Sulphide poor	VOL														
TM-21-91	152.40	154.00	Msv, mostly homogenous w/ distinctive dun colour thru out. Local vfgr black cryst suggests a tuff but no bedding or mineral alignment. Vein and sulphide poor	VOL														
TM-21-91	154.00	180.15	Same/similar to 117.60-129.10m - protolth almost completely destroyed - highly mottled texture thru out with K alt'n > phyllic alt'n and rare narrow remnant unalt'd sections (i.e 158.65-158.75m); also remnant FP (165.25-165.55 and 177.00-177.30m). 2% qz vnlts mostly @ 45 deg C.A Sulphide poor	VOL					KP	MD	QZ	WK	SE	WK	QZ	2		
TM-21-91	180.15	184.10	Porphyritic texture mostly preserved; matrix is mostly dull lite brown suggesting ser+bio alt'n. 5% as qz vnlts/stringers. Sulphide poor	POR					SE	WK					QZ	5		
TM-21-91	184.10	198.65	Similar to 154.00-180.15m but phyllic alt'n inc., and K alt'n dec., esp., in lower 5m and phyllic alt'n is dominant in lower 2m. See 186.50-187.00m for complex alt'n texture w/ quasi bx texture Local qz vnlts exhibit either bx'd wallrock and/or assoc., tm (?) 3% qz vnlts overall. Sulphide poor	VOL					QZ	MD	SE	MD	KP	WK	QZ	3		
TM-21-91	198.50	200.75	Similar to 180.15-184.10m 3-5% as as random qz vnlts ± tm (?) Locally texture is diffuse to destroyed due to overprinting phyllic alt'n Subhedral, mdgr mafic grains @ 199.50m	POR					QZ	MD	SE	MD			QZ	5		
TM-21-91	200.75	207.00	Mostly phyllic alt'd (K alt'n absent). Qz vnlts postdate phyllic alt'n but overall qz veining shows inc., to 10-15% and are mostly highly random and locally at high density (i.e. 204.8-205.1m) Mostly sulphide poor but diss py noted @ 202.85m	VOL	PY	0.5			QZ	MD	SE	MD			QZ	10		

TM-21-91

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	207.00	210.45	Same/similar to 148.10-152.40m Highly random/irregular but high density qz veining at 207.15-207.50m; milky white qz vnlts x-cuts lite grey vitreous qz vnlts - veins are normal to each other; qz infill w/ well developed bx'n of wallrock @ 208.50m; overall qz veining/infill = 15-20%	VOL											QZ	20		
TM-21-91	210.45	239.88	Same/similar to upper K and phyllic mixed alt'n zones; becomes more K rich @ 216.25m Mafic grains @ 211.00-211.15m Mod magnetic at 227.65 to 237.35m - non-magnetic above and only locally developed below Sulphide poor except @ 226.80m where one discontinuous py stringer noted	VOL	PY	0.5			QZ	MD	SE	MD	MT	WK				
		EOH																

TM-21-91

TARGET: UV AZIMUTH: 25 degrees DIP -60 degrees LENGTH:239.88m

EASTING: 300145m NORTHING:5378135 m

Hole_id	from_m	to_m	Description	code	Min_1	Min_1 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-91	0.00	3.00	Overburden/Casing	OVB												
TM-21-91	3.00	22.40	Dark greenish grey, mostly fgr to vfgr but w/ local anhedral clasts mostly 1-3mm but up to 1cm . Texture ranges from homogenous to exhibiting 'spotted' texture w/ mafic clasts/crysts alt'd to chlorite. H'thermal alt'n mostly absent and overall appears to be regional g'schist - patchy phyllic alt'n occurs in lower 3m. Py occurs as 1) locally developed w/ qz vnlts and infill (13.20-14.30) and 2) vfgr disseminated thru out most of unit.	TUF	PY	4	PH	WK	CH	WK			QZ	3		
TM-21-91	22.40	46.00	Very heterogenous and amorphous thru out due to well developed phyllic alt'n and locally weakly developed K alt'n - possible hem dusting @ 26.9-27.1m. Locally felted texture of crysts @ 26.5-26.9m. Where phyllic alt'n is well developed coarse subangular/subrounded black vfgr clasts (42.85-43.15m) are pronounced and unalt'd and x-cut by py stringers (27.8-28.15m). Possible hypabyssal sub-unit @ 34.8-35.9m. Phyllic alt'n is commonly x-cut by black (tm/ch?) stringers (<1mm) ± py. K alt'n @ 38.75-42.40m w/ slight inc., in diss py. Py occurs as 1) disseminated 2) stringers 3) assoc., w/ qz vnlts - overall py ≤ 5%. Lower contact noted by dec., in tenor of phyllic alt'n	VOL	PY	5	QZ	MD	SE	MD	KP	WK	QZ	2	TM	1
TM-21-91	46.00	54.90	Msv, fgr, dull dark grey - mostly unaffected by h'T alt'n except diffuse but pervasive phylic alt'n in lower 2.5m. Py occurs as 1) locally well developed w/ black (tm/ch?) stringers (46.60-47.20m) but mostly disseminated assoc., w/ mafic grains - overall py = 3-5%	TUF	PY	3	QZ	WK	SE	WK			QZ	1	TM	2

TM-21-91

TM-21-91	54.90	59.35	Typical and mostly fresh feldspar porphyry. @ 57.35-57.55m phyllic alt'n obliberates porphyritic texture w/ 3% vfgr diss py - either an alt'd xenolith or possible channelway for h'T fluids. @ 55.85m a qz vnlt w/ phyllic wallrock alt'n. @ 56.10-56.30m mafic crysts w/ assoc., py - overall Overall py ≤ 2% as diss and local alt'n Lower contact sharp	POR	PY	2	QZ	WK	SE	WK			QZ	1	
TM-21-91	59.35	78.90	Unit exhibits over 70% pervasive phyllic alt'n varying from mod to very well developed but decreases in lower 1.5m. Local mafic 'clots' (69.20-69.60m). Locally thru out are random but fairly high density black (tm/ch?) stringers x-cutting phyllic alt'n and exhibits wallrock bx'n over 1-2cm widths except @ 76.75-77.40m w/ highly amorphous quasi bx texture locally w/ well developed py as discontinous stringers - also a qz+py vnlt @ 71.15m @ 40 deg C.A. and one qz vnlt @ 78.00m @ 80 deg C.A w/ strong bx'n of wallrock - overall qz veining = 2% mostly planar @ 45-80 deg C.A Py = ≥ 5%	VOL	PY	5	QZ	ST	SE	ST			QZ	2	TM	2
TM-21-91	78.90	97.00	Possible similar/same protolith as above but w/ mostly weak to mod pervasive K alt'n and only locally well developed phyllic alt'n - @ 88.30-89.40m phyllic alt'n overprints K alt'n and exhibits sharp upper alt'n front - @ 89.60m an irregular qz vnlt w/ overgrowths of 1-3mm subhedral, mdgr grains of Fe carb (siderite?). Highly amorphous vfgr black (tm/ch?) alt'n overprints K alt'n. Possible remnant volcanic protolith @ 93-94m. Overall 3% as qz veining either as random/irregular to planar at high angle to C.A Py is mostly disseminated thru out but rare py stringers - 5% locally (81.10m) but overall ≤ 3%		PY	5	QZ	WK	SE	WK	KP	WK	QZ	3		

TM-21-91	97.00	103.20	Highly amorphous and extremely complex unit - protolith completely destroyed but grain size and matrix (i.e 101.00-101.50m) suggests an intrusive. Local vfgr black clasts locally (i.e 98.00-98.40m). K alt'n mod to well developed thru out most of unit. 2% qz vnlts/stringers thru out best developed in lower 3m. 2% py diss thru out. Lower contact sharp	INT	PY	2	KP	MD					QZ	2		
TM-21-91	103.20	105.65	Similar to above FP except one significant difference; the matrix is almost completely K alt'd but plag crysts are unaffected. Vein and sulphide poor				KP	ST								
TM-21-91	105.65	112.90	Remnant dk greenish grey vol'c protolith locally but most of unit exhibits K alt'n > phyllic alt'n. Remnant vol'c w/ vfgr matrix and ~ 30% as mdgr anhedral mafic chl alt'd crysts (?) (i.e 110.35-110.60m) - probable xtl tuff but mdgr texture may suggest diorite. @ 111.90-112.15m - highly irregular shaped 'clots' of qz infill w/ tm (?) - postdates K alt'n 1% as qz stringers at mod/high angle C.A and one rare qz stringer // w/ C.A and pedates high angle veining. Sulphide poor	TUF			KP	MD	QZ	WK	SE	WK	QZ	1		
TM-21-91	112.90	117.60	Similar to above K alt'd FP - in lower part of unit K alt'n destroys porphyritic texture but mostly well preserved - @ 114.70-114.90m mineralogy and texture is similar/same as xtl tuff/diorite as described above. Most qz stringers do not exhibit wallrock alt'n but locally it's well developed as sericite grading out to tm (?) (i.e 113.60m) - @ 116.20-116.50m highly irregular qz infill x-cuts K alt'n and qz infill is x-cut by hairline stringers of tm/ch (?) Qz vnlts + infill ~ 4% Trace diss vfgr py	POR	PY	0.1	KP	WK					QZ	4		

TM-21-91	117.60	129.10	Highly irregular, patchy, amorphous texture thru out w/ complex alt'n that varies between patchy mod developed K alt'n and locally mdgr vol'c similar to xtl tuff/diorite as noted in above units. Local coarse (<10cm) vfgr black clasts. @ 123.95-124.85m: remnant local bands of FP 10-20cm - possible apophysis - mod K alt'd. @ 127.25-128.10m is highly complex alt'n (even more pronounced within overall complex alt'd unit) w/ patchy K alt'n at top 25cm grading into extremely irregular texture of dk to dun grey vfgr matrix w/ anhedral mafic 'clots. Vein and sulphide poor	VOL			KP	MD								
TM-21-91	129.10	148.10	Msv, dk greenish grey - no bedding or mineral alignment noted - slightly speckled texture w/ mdgr anhedral mafic grains in fgr-vfgr matrix. K alt'n only weakly developed in lower part of unit. Irregular qz vnlts @ 141.8-142.20m exhibit wk patchy K wallrock alt'n - qz infill w/ well developed bx'd wallrock @ 145.55-145.65m. Mostly sulphide poor but rare patchy py in K alt'd section @ 146.30m	VOL	PY	0.1	KP	WK					QZ	3		
TM-21-91	148.10	152.40	Dk green to mostly distinctive pale light green, msv to bx'd; @ 149.00-149.75m - highly mottled quasi bx texture and @ 149.10m a white qz vnlt is x-cut by a banded qz+ch vnlt. Sulphide poor	VOL												
TM-21-91	152.40	154.00	Msv, mostly homogenous w/ distinctive dun colour thru out. Local vfgr black crysts suggests a tuff but no bedding or mineral alignment. Vein and sulphide poor	VOL												
TM-21-91	154.00	180.15	Same/similar to 117.60-129.10m - protolth almost completely destroyed - highly mottled texture thru out with K alt'n > phyllic alt'n and rare narrow remnant unalt'd sections (i.e 158.65-158.75m); also remnant FP (165.25-165.55 and 177.00-177.30m). 2% qz vnlts mostly @ 45 deg C.A Sulphide poor	VOL			KP	MD	QZ	WK	SE	WK	QZ	2		

TM-21-91

TM-21-91	180.15	184.10	Porphyritic texture mostly preserved; matrix is mostly dull lite brown suggesting ser+bio alt'n. 5% as qz vnlts/stringers. Sulphide poor	POR			SE	WK					QZ	5		
TM-21-91	184.10	198.65	Similar to 154.00-180.15m but phyllic alt'n inc., and K alt'n dec., esp., in lower 5m and phyllic alt'n is dominant in lower 2m. See 186.50-187.00m for complex alt'n texture w/ quasi bx texture Local qz vnlts exhibit either bx'd wallrock and/or assoc., tm (?) 3% qz vnlts overall. Sulphide poor	VOL			QZ	MD	SE	MD	KP	WK	QZ	3		
TM-21-91	198.50	200.75	Similar to 180.15-184.10m 3-5% as as random qz vnlts ± tm (?) Locally texture is diffuse to destroyed due to overprinting phyllic alt'n Subhedral, mdgr mafic grains @ 199.50m	POR			QZ	MD	SE	MD			QZ	5		
TM-21-91	200.75	207.00	Mostly phyllic alt'd (K alt'n absent). Qz vnlts postdate phyllic alt'n but overall qz veining shows inc., to 10-15% and are mostly highly random and locally at high density (i.e. 204.8-205.1m) Mostly sulphide poor but diss py noted @ 202.85m	VOL	PY	0.5	QZ	MD	SE	MD			QZ	10		
TM-21-91	207.00	210.45	Same/similar to 148.10-152.40m Highly random/irregular but high density qz veining at 207.15-207.50m; milky white qz vnlts x-cuts lite grey vitreous qz vnlts - veins are normal to each other; qz infill w/ well developed bx'n of wallrock @ 208.50m; overall qz veining/infill = 15-20%	VOL									QZ	20		
TM-21-91	210.45	239.88	Same/similar to upper K and phyllic mixed alt'n zones; becomes more K rich @ 216.25m Mafic grains @ 211.00-211.15m Mod magnetic at 227.65 to 237.35m - non-magnetic above and only locally developed below Sulphide poor except @ 226.80m where one discontinuous py stringer noted	VOL	PY	0.5	QZ	MD	SE	MD	MT	WK				
		EOH														

TM-21-92

BC DRILLING INC.

	Target Area	Azimuth	Dip	Depth	Easting	Northing	Elevation		NAD 83			Date Started	Date Finished				Logged By	
	04-36 Zone	250	-50	228.9m	300035m	5377965m	384m		Z16			28-Feb-21	04-Mar-21				B. LaPeare	
Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-92	0.00	11.80	Overburden/Casing	OVB														
TM-21-92	11.80	17.40	Dk grey matrix, msv - majority of unit hosts mdgr lenticular whitish grey plag laths either as felted to locally aligned @ 10-20 deg (i.e 12.70m) - but also are somewhat larger grains that appear to be more ser alt'd (pyrophyllite?) and local fgr chl alt'd anhedral mafic grains (i.e 16.5m) - note @ 16.75-17.35m no plag crysts, looks like typical msv mafic flow Low angle qz stringers >/= 1mm which are x-cut by <1mm high angle hairline qz stringers - overall veining @ 3-4% and mostly high angle Trace diss py	FLW	PY	0.1			SE	WK	CH	WK			QZ	4		
TM-21-92	17.40	99.80	Pyroclastic(?) breccia - mottled grey to locally pale green from ser alt'n Polymictic matrix suported w/ 30-35% as >1-10cm clasts ranging from subangular to subrounded; matrix is fgr-mdgr w/ anhedral/subhedral plag crysts as 25-30% of matrix suggesting a xtl tuff (42.7-43.00m & 86.15-86.65m); larger fragments are mostly feldspar porphyry but smaller frags are more variable; aphanitic black subangular to local 'exotic' red-brown frags possibly from K alt'd units and more rare distinctive green (not fuchsite) Increase in pervasive sericite alt'n locally (50.40-53.85m & 66.00-67.45m) - @ 99.00-99.80m is complex alt'n slightly masking bx texture and exhibits ~1cm rounded chert (?) frags in upper 30cm Three narrow dykes; @ 53.85-54.25m: well developed chill margins, overall the dyke ranges from vfgr pale lite grey to pale green - unique & mineral ID unknown @ 87.50m: 10cm dk grey, aphanitic, highly siliceous dyke @ 92.35-92.95m: mdgr 'dioritic' dyke Three stages of veining noted; - qz-py (44.50m) x-cut by - low angle vitreous barren smoky grey qz vnlts x-cut by - high angle milky white qz vnlts; overall veining ~ 2%	BRX	PY	3			SE	MD					QZ	3	PY	0.1

TM-21-92

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-92	99.80	102.75	Dk grey, msv, fgr w/ 20% as mdgr, anhedral mafic grains Random, irregular low angle qz stringers x-cut by planar qz vnlts @ ~50 deg Sulphide poor	DYK											QZ	3		
TM-21-92	102.75	117.35	Breccia - similar to above bx but decrease in frag size and % >1m wide intercepts of phyllic alt'n locally thru out ~3% as high angle qz vnlts (i.e 115.40-116.75m) Consistent distribution of ~3% diss, vfgr py thru out	BRX	PY	3			SE	WK					QZ	3		
TM-21-92	117.35	131.00	Fairly consistent mdgr 'dioritic' texture thru out majority of unit but fgr/vfgr, wispy/banded texture @ 119.40-119.90m appears to x-cut diorite @ 30 deg and @ 119.90-120.00m is phyllic alt'n w/ wk diffuse epidote(?) & 10% diss py but overall diss py </= 1% and may be part of primary mineralogy and not h'T	DIO	PY	0.5			SE	WK								
TM-21-92	131.00	138.45	Breccia - similar to above bx units w/ decrease in bx frags in lower 3m Phyllic alt'n of matrix thru out most of unit except lower 3m and xtl tuff matrix becomes more evident Consistent distribution of ~3% diss, vfgr py thru out		PY	3			SE	ST								
TM-21-92	138.45	168.90	Local alignment of laths (60 deg @ 165.50m) suggests a flow protolith and texture is different from above xtl tuffs - up to 40% as wkly sericitized plag anhedral/subhedral laths - highly localized (i.e 148.35m) are black mafic crysts Upper 3m is fgr due to overprinting phyllic alt'n but diffuse porphyritic texture locally ~2% as ca vnlts/stringers @ high angle - sericitic (?) wallrock alt'n of hairline black (tm?) stringers @ 158.70m 'Quasi' bx texture @ 140.00-140.30m w/ diss py up to 5% - overall diss py in unit is fairly consistent @ ~2% @ 161.30-163.70m - wk but semi-pervasive K alt'n w/ cpy on fx @ 162.10m	POR	PY	2	CP	0.5	SE	MD					CA	2	TM	0.5

TM-21-92

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-92	168.90	188.00	Dk grey, msv mostly fgr/vfgr to locally mdgr; sericte alt'd plag laths (~1x3mm) at variable orientation and 'broken' texture suggests tuff - centred @ 179.50m is very homogeneous vfgr texture w/ no plag laths but 5% as fgr anhedral mafic grains Locally over 1-3m widths is wk but semi-pervasive K alt'n (i.e 184.40-188.00m) ~5% as ca +/- qz vnlts/stringers locally w/ minor hem and/or Fe carb - one 20cm wide ca+qz vein @ 185.50m w/ well developed wallrock bx'n - tm (?) +/- ca stringers locally Trace diss py	VOL	PY	0.1			KP	MD					CA	3	QZ	2
TM-21-92	188.00	203.45	Similar to 138.45-168.90m - porphyritic texture mostly diffuse from pervasive K alt'n (hypabyssal syenite??) @ 200.70-201.35m is similar breccia to above units which leads to three different scenarios; 1) xenolith in porphyritic hypabyssal 2) separate horizon in extrusive package and 3) bx pipe (doubtful) ~4% as planar to discontinuous qz + ca vnlts +/- tm,chl w/ one 7cm banded qz+ca+chl w/ patchy K alt'n <1% diss vfgr diss py locally thru out	POR	PY	1			KP	ST					QZ	2	CA	2
TM-21-92	203.45	288.90	Same/similar to 168.90-188.00m but more intercalated between xtl tuff and fgr msv intercepts; mafic crysts locally mixed w/ plag (i.e 217.00m) Complex x-cutting alt'n assoc., w/ qz+ca+Fe carb irregular vnlts and patchy infill, alt'n fronts are sharp (not lith contacts) (i.e 213.10-215.00m) @ 208.40-209.30m are highly irregular qz vnlts & infill up to 30% of intercept though alt'n appears to be limited to chl - overall veining ~5% <1% diss vfgr py thru out	VOL	PY	0.5			KP	MD					QZ	4	CA	1

EOH

TM-21-93

BC DRILLING INC.

	Target Area	Azimuth	Dip	Depth	Easting	Northing	Elevation		NAD 83			Date Started	Date Finished					Logged By	
	Creek Zone (LN)	45◦	-50	285.6m	300205m	5377812m	419m		Z16			05-Mar-21	08-Mar-21					B. LaPeare	
Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %	
TM-21-93	0.00	5.30	Overburden - no return	OVB															
TM-21-93	5.30	7.35	Dk grey, msv, fgr matrix w/ 20-25% subrounded frags as pale dun coloured vfgr matrix w/ 10-15% ≥ 1mm mafic anhedral/subhedral grains @ <1 - >10cm Protolith unknown but possibly ser alt'd sub-volcanic (see 12.30-37.45m below) Frags are mod calc alt'd locally exhibiting epi+fl alt'n ≥ 1% diss vfgr py	TUF	PY	2			SE	MD	CA	MD	EP	WK					
TM-21-93	7.35	9.90	Very dk grey, fgr, msv in upper metre then grades into typical trachyitic texture w/ 30-40% laths ≤1mm x ≥5mm and range from felted to aligned @ high angle C.A 10% as diss vfgr py thru out matrix - no assoc., w/ crysts	FLW	PY	10													
TM-21-93	9.90	10.80	Similar to 5.30-7.35m but rounded coarse frags lack lack porphyritic texture & calc alt'n Well developed fgr diss py min'z up to 15% in matrix and frags and appear to be assoc., w/ silification	TUF	PY	15			SI	MD									
TM-21-93	10.80	12.30	Similar to 7.35-9.90m but laths are aligned thru out @ high angle C.A ≥ 10% diss vfgr py in matrix only + two 1cm wide py>ca vnlts @ 11.60 & 11.85m	FLW	PY	10													
TM-21-93	12.30	37.45	Similar to 5.30-7.35m w/ calcic alt'd frags - overall the unit exhibits highly amorphous and complex texture (i.e 17.90-18.75m) - are they pyroclastic frags or due to bx'n? Difficult to determine protolith but matrix appears to be xtl tuff but note complexity @ 24.30-25.00m in what appears to be highly random aphanitic qz+ser infill & @ 33.40m w/ x-cutting ca+fl vnlts; @ 29.40m is pale dk green chert band @ 55deg C.A w/ ser alt'd fx's; ser also locally well developed as wallrock alt'n of qz+py stringer @ 31.25m; Pale lite green wispy epi (?) alt'n (i.e 18.45 & 20.00m) @ 31.75m is 5cm qz+tm vein @ high angle C.A and is x-cut by calc vnlt; overall qz and/or ca + tm veining ~ 5% and are almost always irregular & discontinuous 5% py as vfgr, diss thru out and rare stringers @ high angle C.A	TUF	PY	5			SE	ST	SI	MD	EP	WK	CA	3	QZ	1	

TM-21-93

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-93	37.45	51.15	Fairly msv homogeneous texture thru out but locally plag crysts are diffuse/absent Upper 5m exbibits wk but pervasive dull brown alt'n (bio + k-spar?) Lower 5m appears to be highly gradational w/ underlying unit and exhibits local 'spotted' phyllic texture; w/ the similarity of this texture w/ frags noted in above units it may be source @ 49.90m is diffuse tracyitic texture - so is entire unit a tuff or flow? ~3% ca and qz+ca vnlts/stringers and mostly irregular, discontinuous; @ 44.2m is low angle qz+ca+tm vnlt plus @ 48.4m is high angle ca+py vnlt 3% diss py (+aspy?) and local vnlts	TUF	PY	3			KP	WK	BI	WK			CA	3	QZ	1
TM-21-93	51.15	68.55	Variable between dull grey highly siliceous vfgr matrix w/ 10-15% anhedral chl alt'd crysts AND more fgr and msv w/ no mafic crysts Matrix is wk/mod calcic alt'd - >1% as random to discontinuous ca stringers and infill <3% diss py thru out	TUF	PY	3			CA	WK					CA	1		
TM-21-93	68.55	86.90	Amorphous, complex texture w/ patchy but well developed phyllic alt'n thru out @ roughly 50% of unit w/ 'spotted' texture locally as fgr mafic grains Well developed bx texture locally through out (i.e. 70.50-71.00m) K alt'n @ 72.50-73.70m and patchy, amorphous @ 75.80-76.75m Calc alt'n highly variable thru out from mod to absent esp., in lower half of unit ~2% as ca + Fe carb(?) infill (i.e 70.25m) and vnlts/stringers ~5% diss vfgr py & local stringers	BRX	PY	5			SE	ST	SI	MD	KP	WK	CA	2	FC	0.5
TM-21-93	86.90	97.30	Mostly dk grey, msv, fgr-vfgr Local phyllic alt'n but mostly absent Mod calc alt'n thru out Low angle ca+tm+fl vnlts at 88.55-88.80m w/ 3-5% py & phyllic wallrock alt'n Highly irregular qz+ca vnlts @ 93.65-93.85m w/ wallrock bx'n & @ 97.00-97.30m is well developed red/pink Fe carb (not hem)	TUF	PY	2			SE	WK	SI	WK			CA	2	QZ	1

TM-21-93

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-93	97.30	103.25	Similar to above tuff but substantial inc in phyllic alt'n commonly exhibiting 'spotted' texture of mdgr anhedral chl alt'd mafic grains 3-5% diss vfgr diss py in matrix and mafic grains esp in upper metre of unit Banding locally @ high angle Two narrow bx zones @ 96.50 and 103.50m ~2% ca stringers and wk local ca alt'n of matrix ~3% diss vfgr py thru out	VOL	PY	3			SE	ST	SI	MD			CA	2		
TM-21-93	103.25	119.60	Coarse frags (<1 - <10cm) subrounded and possibly monzonite (118.10m) Rounded clast texture due to h'T milling (?) Overall the unit ranges between well developed bx to more msv phyllic alt'n w/ 'spotted' mafic grains Calc alt'n highly variable w/ ~2% as irregular calc vnlts ~3% diss vfgr py thru out and locally w/ calc stringers - no inc of py in bx zones	BRX	PY	3			SE	MD	SI	WK	CA	WK	CA	2		
TM-21-93	119.60	131.00	Trachyte texture thru out w/ plag & amphibole(?) laths and commonly aligned at high angle Majority of unit exhibits mod/well developed K alt'n ~2% as calc stringers ~5-7% diss vfgr py thru out matrix and rarely assoc., w/ crysts - @ 126.85m a 10cm high angle 'band' of ca+tm and w/ well developed py	VOL	PY	7			KP	MD					CA	2		
TM-21-93	131.00	201.20	Similar to above phyllic alt'd units w/ local bx'n - phyllic alt'n exhibits typical 'spotted' texture from anhedral mdgr mafic chl alt'd grains - phyllic alt'n >> bx zones (138.50-138.70m) Calc alt'n variable but mostly absent; ~3% ca vnlts/stringers overall but local inc., to >7% @ 160.00-164.00m Narrow tm vnlts w/ well developed wallrock alt'n @ 144.20-144.90m -> wispy/irregular ca+tm stringers w/ well developed py; phyllic alt'n/clasts x-cut by py stringers >5% diss py overall - very consistent thru out most of unit and up to 10% w/ ca+tm vnlts - py only stringers locally are widely spaced - py dec to <3% in lower 20m of unit	BRX	PY	5			SE	ST	SI	MD	CA	WK	CA	4		

TM-21-93

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-93	201.20	204.60	Fairly homogeneous thru out most of unit as fgr, dk greenish grey, mostly massive but but locally banded (bedded?) at high angle; in the upper metre are 10-15cm widths of more mdgr texture highly graditional within fgr lithology @203.75-204.60m are subrounded dull pinkish, <1-10cm, poorly sorted clasts roughly 5-7% of section (syenite?) Local hairline stringers of tm +/- py @ roughly 1%; ~2% diss py thru out	TUF	PY	2												
TM-21-93	204.60	207.00	Roughly similar to above unit but differeniated due to coarse phyllic alt'd clasts (no phyllic alt'n of matrix) - ca stringers x-cut clasts Local narrow bx intercepts (i.e 205.75-206.10m) w/ coarse rounded frags due to h'T milling and exhibits >3% diss + stringer py; ca+tm+py infill & stringers centred @ 205.25m Overall py ~ 2%	VOL	PY	2									CA	1		
TM-21-93	207.00	209.80	Typical trachyitic texture but locally diffuse/absent Upper 50cm exhibits wk but pervasive K alt'n Wk/mod ca alt'n thru out and ~1% as stringers/vnlts w/ ca+py vnlt @ 209.10m Overall py ~ 2%	VOL	PY	2			KP	WK					CA	1		
TM-21-93	209.80	234.45	Fairly similar to all above phyllic alt's/bx units above but not as well developed Centred @ 214.30m is 60 deg banding of ser alt'n x-cut by ca vnlt & stringers & high angle 7cm wide ca+fl vein @ 216.75m Phyllic clasts/alt'n w/ typical 'spotted' texture from diss mafic grains; note - are they actually clasts or highly irregular dykelets - wk K alt'n @ 230.55-230.75m Upper half exhibits variable but pervasive ca alt'n but dec dh to only stringers/vnlts Overall py ~ 3% diss thru out and no difference in tenor between bx, phyllic alt'n and unalt'd sections	VOL	PY	3			SE	ST	SI	MD			CA	1		

TM-21-93

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-93	234.45	247.30	Dk greenish grey, msv w/ ~10% as diss anhedral mafic grains <1-3mm Mod pervasive K alt'n @243.50-244.00m but most of unit is unalt'd except for regional g'schist The unit is actually rather non-descript BUT exhibits locally well developed py vnlts commonly w/ K wallrock alt'n - 2 py vnlts between 242.80-244.00m host vfgr **VISIBLE GOLD** NOTE: unit is wk/mod magnetic @ 237.50-242.40m (rest of unit is non-magnetic as is the entire hole) but no visible explanation - *is there an association of mag and presence of auriferous py vnlts immediately below magnetic section???* Py is only trace diss thru out	TUF	PY	2	VG	0.1	KP	WK								
TM-21-93	247.30	257.95	Similar to above trachyitic units but laths are smaller and locally diffuse/absent - most laths exhibit dull pink alt'n (K alt'n?) - NOTE: texture @ 250.00m w/ laths 'flowing' around coarse black clast Matrix locally ca alt'd but mostly as hairline fx fill - local irregular ca infill (i.e 248.25m) Local discontinuous py vnlts (i.e. 250.25m) - upper half of unit ~5% diss py but lower half ~2%	VOL	PY	4			KP	WK	CA	WK			CA	1		
TM-21-93	257.95	260.80	Similar to 234.45-247.30m w/ stringers and rare vnlts of py>ca but K alt'n, magnetite and VG are absent	TUF	PY	2									CA	1		
TM-21-93	260.80	275.90	Similar to 209.80-234.45m w/ typical amorphous texture mostly dominated by phyllic alt'n w/ rare bx'n Diss py ~3% but irregular stringers to patchy clusters of py locally well developed at ~10% assoc., w/ ca + tm infill/stringers (i.e 261.40-266.40m		PY	5			SE	ST	SI	MD			CA	1		
TM-21-93	275.90	281.00	Mostly homogeneous texture as fgr, msv - fairly non-descript unit Wk locally semi-pervasive K alt'n One significant difference is that vnlts/stringers are qz only @ ~3% of unit - see 278.55m w/ qz+tm+py infill and exhibits wallrock K alt'n Overall diss py ~3%	VOL	PY	3			KP	WK					QZ	3		

TM-21-93

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-93	281.00	285.60	Feldspar porphyry w/ typical porphyritic texture Matrix is mostly phyllic alt'd locally masking por texture - rare unalt'd matrix @ 285.40m Most significant feature is presence of two very well developed clast supported bx sections w/ coarse (5-10cm) highly angular phyllic alt'd clasts within a vfgr black (tm?) matrix w/ ~7% diss euhedral py - bx zones exhibit irregular erratic contacts - NO structural control Also note the textural difference from bx's noted in above units which are matrix supported with somewhat smaller and much more rounded clasts	POR	PY	4			SE	MD								

EOH

TM-21-94

Target Area	Azimuth	Dip	Depth (m)	Easting	Northing	Elevation	Date Started	Date Finished	Logged By
Creek Zone	045◦	-50◦	275.27m	300437m	5377679m	418m	09-Mar-21	13-Mar-21	B. LaPeare

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	0.00	7.00	no return	OVB														
TM-21-94	7.00	47.70	dk greenish grey, fgr, msv matrix exhibits patchy,complex, irregular, amorphous alt'n locally thru out - see 14.20-14.75m for complex alt'n and quasi bx; bx also @ 18.70-19.25m w/ angular coarse dk grey/black very poorly sorted clasts with phyllic alt'd matrix bx is absent below 19.25m until 44.5-47.60m w/ angular frags very poorly sorted and localized w/ 3% py as diss to local poorly developed clusters highly variable calcic alt'n from mod-wk-absent and no apparent zonation; > 10% ca vnlts/stringers as highly random discontinuous to mod/high angle and x-cuts phyllic alt'n; note highly localized of black (tm?) vfgr wispy vnlts x-cutting ca vnlts (9.40m) overall py is variable ranging from ~3% diss to locally up to 10% (16.25-18.25m) where it's assoc., w/ vfgr, black patchy infill (tm?); note @ 21.40m a coarse clast that is py min'z but appears to x-cut ca vnlts OR clast impervious to veining	VOL	PY	5			SE	MD	QZ	MD			CA	10		
TM-21-94	47.70	49.70	msv, fgr-mdgr, mostly dull lite brown due to wk but pervasive K alt'n <<1% as ca vnlts/stringers but pervasive strong calcic alt'n thru out ~3% diss vfgr py thru out	TUF	PY	3			CA	ST					CA	0.5		
TM-21-94	49.70	72.35	similar to 7.0-47.7m where phyllic alt'n is pervasive (i.e 60.7-62.7m) it exhibits typical 'spotted' texture w/ 15-20% anhedral mafic grains - alt'd xtl tuff?? as typical w/ these units it exhibits highly complex multi-phase alt'n highly irregular dull lite brown K alt'n w/ well developed patchy py (60.4-60.6m) variable calcic alt'n w/ overall ca +/- qz vnlts/stringers ~4%; @ 52.1m is ca+qz vnlt w/ py+K wallrock alt'n (Fe-carb?); also note complicated alt'n @ 55.2-55.6m - tm+qz+ca+ser+py overall py as diss and locally w/ w/ vnlts ~ 3%	VOL	PY	3			SE	ST	QZ	ST	KP	WK	CA	4		
TM-21-94	72.35	74.50	similar to 47.7-49.7m but inc in ca vnlts to ~10% esp @ 72.9-73.4 and mod pervasive K alt'n in upper 30cm calcic alt'n thru out but variable ~5% diss vfgr py thru out	TUF	PY	5			KP	MD	CA	WK						

TM-21-94

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	74.50	79.00	somewhat similar to above UDF's but homogeneous thru out w/ spotted texture as described in above units mostly poorly veined except @ 76.3m w/ a 3cm ca>qz vnlt and ca+tm infill @ 78.25m	VOL	PY	3			SE	MD	QZ	MD			CA	1	TM	0.5
TM-21-94	79.00	79.50	Microsyenite?? - brownish pink, msv, fgr and both contacts are sharp mod calcic alt'd & minor ca hairline fx fill - diss mafic grains exhibit well developed ser (?) alt'n ~3% diss py	SYN	PY	3			KP	MD	CA	MD			CA	0.5		
TM-21-94	79.50	84.30	similar to above UDF units but well developed irregular ca veining ~40% @ 82.4-82.8m but w/ aphanitic smoky grey vitreous qz and 20% py as wallrock alt'n overall py ~5%	VOL	PY	5			SE	MD	QZ	MD			CA	15		
TM-21-94	84.30	89.10	msv, fgr, dk greenish grey w/ preserved regional g'schist alt'n up to 30% as mostly high angle discontinuous ca vnlts poor RQD thru out veining in lower metre exhibits well developed wallrock bx'n py is variable from <1 - >3%	VOL	PY	2									CA	30		
TM-21-94	89.10	100.35	somewhat similar to above UDF's but no bx'n & spotted texture thru out from diss mafic grains dull greyish green phyllic alt'n mostly consistent thru out (as oposed to patchy/amorphous) ~15% as irregular to planar ca vnlts - @ 96.25m low angle ca+tm vnlt x-cut by ca only vnlt at high angle and @ 94.25m a 25cm ca vein at 40 deg; rare vnlts w/ wallrock bx'n (95.0m) but calcic alt'n of matrix is absent <1% diss py lower contact sharp	VOL	PY	0.5			SE	ST	QZ	ST			CA	15		
TM-21-94	100.35	111.30	msv, fgr/mdgr, dk pink trachyitic texture well developed thru out w/ plag crysts (<1 x 4mm) aligned 80-90 deg rare rounded black clasts (102.35m) dull brown dyke @ 104.0-104.4m w/ 3% clusters of py assoc w/ chill margin at upper contact mostly vein poor - rare ca vnlts ~2% diss py almost always assoc w/ mafic grains	TRC	PY	2												

TM-21-94

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	111.30	113.15	highly mottled complex phyllic alt'n @112.2-112.8m includes a qz-ca-py vnlt, a trachyite frag, qz vnlt w/ wallrock bx'n which x-cuts trachyte frag - complex bx'n & alt'n (K + ser) ~2% diss py overall but up to 5% in above bx intercept	VOL	PY	2			SE	MD	QZ	MD			QZ	2	CA	1
TM-21-94	113.15	114.10	typical porphyritic texture matrix exhibits variable alt'n from dull brown K (+biotite?) to overprinting phyllic alt'n ~1% diss py	POR	PY	1			KP	WK								
TM-21-94	114.10	132.50	heterogeneous complex alt'n thru out ranging from msv 'spotted' phyllic alt'n to local well developed bx zones of varying styles to wkly alt'd dk greenish grey - where wkly alt'd protolith may be xtl tuff NOTE: as all above spotted units it appears to be phyllic alt'd w/ mafic crysts preserved - possible diffuse epidote alt'n in lower half of unit - phyllic alt'n dec gradually in lower 2m local well developed qz veining (i.e 120.2m) and is mostly highly random and bx'n of wallrock - overall qz +/- ca vnlts ~7% overall py ~3% but variable thru out mostly as diss but shows inc to ~5% in bx centred @ 125.25m as hairline stringers commonly assoc w/ hairline tm stringers - @ 129.7-131.5m patchy blebs of py up to 5% assoc w/ mafic grains & tm stringers (130.35m)	VOL	PY	5			SE	MD	QZ	MD			QZ	5	CA	2
TM-21-94	132.50	153.75	msv, fgr-mdgr, dk greenish grey mostly unalt'd except for preserved regional g'schist but @ 143.0-144.5m patchy siliceous dull diffuse local pinkish K alt'n & @ 135.25-135.55m patchy dull grey alt'n gives the intercept a quasi bx texture w/ up to 7% diss py matrix mod calcic alt'd but dec in lower part of unit ~10% as highly random ca vnlts/stringers @137.0-137.5m up to 5% patchy py in matrix @152.3-152.7m patchy subhedral py assoc w/ Fe carb (?) @153.2m a 7cm wide well developed bx w/ black vfgr matrix - matrix and clats exhibit ~15% diss py	TUF	PY	7									CA	10		

TM-21-94

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	153.75	157.55	host rock appears to be xtl tuff but differeniated due to patchy but well developed lite pale dun coloured to pinkish alt'n (an argument can be made that either are frags OR K+ser+ab(?) alt'n but if they are frags how do they incorporate into a fgr tuff BUT contacts are generally sharp ~3% as ca vnlts & hairline fx fill local 'quasi' bx texture occurs locally thru out and generally exhibit up to ~7% py as diss and stringers - overall py ~5% thru out	VOL	PY	5			SE	MD	QZ	MD	KP	WK	CA	3		
TM-21-94	157.55	162.60	similar to 132.5-153.75m significant bx locally esp in upper 2m w/ pale greenish grey matrix and frags of wallrock ~3% as ca vnlts and hairline fx fill ~3% py as diss & stringers locally assoc w/ ca vnlts (i.e 159.4m)	TUF	PY	3									CA	3		
TM-21-94	162.60	167.30	msv, fgr; colour changes going dh from pinkish to dun grey to dk grey relatively homogeneous texture ~5% as ca +/- qz vnlts & fx fill locally mdgr where dun coloured which exhibits up to 5% diss py but overall ~2%	VOL	PY	5									CA	3	QZ	2
TM-21-94	167.30	187.00	somewhat similar to above UDF units but alt'n is patchy and less tenor bx locally @ 183.5-187.0m FP @ 182.95-183.35m mod/strong calcic alt'n thru out - 2% as vnlts & fx fill of possible significance is aphanitic highly siliceous dull lite grey intercept @ 167.15-167.8m w/ patchy py assoc w/ black infill @ 178.45-178.85m is patchy K alt'n w/ ~7% py ~3% py overall	VOL	PY	3			SE	MD	QZ	MD	CA	MD	CA	2		
TM-21-94	187.00	188.15	msv, vfgr, dk grey but locally w/ diffuse pink colouration - K alt'n (?) ~3% diss py 'knots' w/ black alt'n rim	DYK	PY	3			KP	WK								
TM-21-94	188.15	194.85	similar to 167.3-187.0m local unalt'd sections aphanitic highly siliceous as described @ 167.15-167.8m bx'n @ 190.75-191.15m w/ diss py in black rounded clasts ~5% as ca vnlts/fx fill - @ 193.65m is 10cm ca vein w/ complex wallrock bx'n - sulphide poor overall ~3% py	VOL	PY	3			SE	MD	QZ	MD			CA	5		

TM-21-94

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	194.85	209.10	differeniated due to presence of magnetite & patchy hm upper 25cm w/ mdgr (>2-8mm) subhedral diss mafic grains - possible hypabyssal but probably xtl tuff highly localized over widths of of 10-50cm is patchy to semi pervasive K alt'n - 'spotted' texture from 15-20% anhedral mdgr mafic grains enhanced by K alt'n highly variable calcic alt'n - ~5% as ca vnlts and fx fill ~3% py diss thru out but locally up to 5% assoc w/ ca +/- tm infill	VOL	PY	3			KP	MD	MT	MD			CA	5		
TM-21-94	209.10	212.30	dk greenish grey, msv, fgr-mdgr mod magnetic but lacks K alt'n except locally over 20cm patches assoc w/ closely spaced irregular ca vnlts + Fe carb (?) which x-cuts local K alt'n py ~ 1%	TUF	PY	1			MT	MD	KP	WK			CA	2		
TM-21-94	212.30	214.85	similar to 194.85-209.1m - mdgr mafic crysts thru out mod mottled from wk/mod K alt'n & local closely spaced ca + Fe carb - overall 10% ca vnlts are irregular/discontinuous	VOL	PY	3			KP	MD					CA	10		
TM-21-94	214.85	221.30	similar to 209.1-212.3m but non-magnetic but also w/ wk local K alt'n ~3% highly irregular ca vnlts/infill variable py from <1 to 5%	TUF	PY	3			KP	WK					CA	3		
TM-21-94	221.30	224.30	msv, vfgr, brownish pink matrix w/ fgr felsic grains diffuse within matrix (very similar to above trachyte but lacks the crystic texture) wk but semi pervasive calcic alt'n - ~2% ca stringers 5% py diss thru out but locally up to 10% at upper contact over 20cm	SYN	PY	7			CA	WK					CA	2		
TM-21-94	224.30	255.15	similar to above xtl tuffs w/ diss anhedral mafic grains thru out mod magnetic thru out and locally patchy K alt'n (i.e 241.75-244.75m) highly irregular ca vnlts @ 226.25-226.7m w/ angular wallrock bx'n - fl+ca vnlt/infill @ 230.05-230.2m - overall ca vnlts ~7% - mod calcic alt'n thru out overall py ~ 3% but variable thru out mostly better developed w/ K alt'n but also locally well developed w/ ca hairline filled fx's	TUF	PY	3			MT	MD	CA	MD			CA	7		

TM-21-94

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-94	255.15	258.65	same as 221.3-224.3m local py discontinuous stringers (256.1-256.4m) but only wkly diss thru out at ~ <1%	SYN	PY	0.5			MT	MD	CA	MD			CA	2		
TM-21-94	258.65	260.00	mostly unalt'd and non-magnetic pervasive mod/strong calcic alt'n - 2% as ca vnlts 2% py mostly assoc w/ ca stringers/infill	TUF	PY	2			CA	MD					CA	2		
TM-21-94	260.00	267.05	similar to above syneites but brownish/pink K alt'n not as pronounced local tm+py vnlts x-cut by ca vnlts (i.e 265.4m) up to 15% diss py	SYN	PY	15			KP	WK					CA	3		
TM-21-94	267.05	273.25	similar to 212.3-214.85m magnetic but variable calcic alt'n mostly assoc w/ patchy mod/wk K alt'n diss py mostly ~2% but locally developed as irregular patchy infill (271.7m) & w/ ca+tm infill (272.9m)	VOL	PY	2			MT	WK	KP	MD	CA	MD	CA	2		
TM-21-94	273.25	275.27	typical dk greenish grey w/ mafic grains variable from well developed to absent wk/mod magnetic patchy ser alt'n @ 274.5m assoc w/ hm (?) stringers mostly sulphide poor but locally developed w/ ca+tm vnlt @ 275.0m	TUF	PY	0.5			MT	WK	SE	WK			CA	1		

TM-21-95

BC DRILLING INC.

Target Area	Azimuth	Dip	Depth (m)	Easting	Northing	Elevation	NAD 83	Date Started	Date Finished	Logged By
D Zone	045◦	-50◦	274.91m	301020m	5377110m	504m	Z16	14-Mar-21	18-Mar-21	B. LaPeare

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-95	0.00	4.50	no return	OVB														
TM-21-95	4.50	9.75	msv, dull greenish grey, fgr/mdgr patchy, mod to well developed K alt'n inc dh - where patchy the alt'n is very amorphous and irregular (i.e 7.0-7.4m) local patchy tm (?) @ 6.0-6.3m ~3% as mostly irregular to rarely planar qz vnlts/stringers ~1% py mostly assoc w/ qz+tm @ 9.05 - rarely diss	VOL	PY	1			KP	MD					QZ	3		
TM-21-95	9.75	11.40	well developed K alt'n thru out - logged as a microsyenite but very possible it's strong K alt'n (+hm?) of unknown protolith - note highly gradational lower contact 2% as highly irregular qz vnlts/stringers ~2% py as diss & in qz selvages	SYN	PY	2			KP	ST					QZ	2		
TM-21-95	11.40	15.00	similar to 4.5-9.75 but K alt'n even more amorphous and patchy - locally appears to be coarse clasts (14.55m) but at 14.75m it's very diffuse within matrix and appears to be more like alt'n - very confusing 3% as highly irregular mostly discontinuous qz vnlts/stringers ~3% diss py assoc w/ mafic grains and rare discontinuous stringers	VOL	PY	3			KP	MD					QZ	3		
TM-21-95	15.00	21.15	dk greenish grey, msv ranging from fgr intercepts w/ no crysts to fgr/mdgr anhedral mafic grains unit is intercalated w/ underlying sub-volcanic 4% as highly irregular/discontinuous qz +/- ca vnlts/stringers 25cm shear zone @ 20.0m ~3% diss py overall	TUF	PY	2									QZ	3	CA	1
TM-21-95	21.15	31.90	possibly diorite hypabyssal - consistent distinctive texture thru out as dull grey vfgr/aphanitic matrix w/ 30-35% mdgr/cgr anhedral mafic crysts ranging from 1-10 mm ~3% highly irregular/discontinuous qz+ca vnlts/stringers ~2% diss py and locally as stringers (26.4m)	INT	PY	2									QZ	2	CA	1

TM-21-95

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-95	31.90	110.25	patchy pink are clearly clasts so if it’s a tuff than it would be a lithic tuff (agglomerate?) OR frags were incorporated into hypabyssal as groundmass appears to be diorite w/ 25-30% as coarse (<15cm) sub-rounded clasts and all appear to be intrusive protolith clasts display 2 alt'n stages 1) diffuse K alt'n & 2) lite pale green ser+ca+epidote(?) see 50.4, 70.7 & 101.7 for examples - pale green alt'n commonly occurs as alt'n rims of clasts - K alt'n also locally diffuse within matrix - patchy rounded pale green alt'n is distinctive - overall the texture is consistent in its heterogenity and complexity up to 5% ca+/-qz as high angle vnlts x-cutting low angle qz+/-ca vnlts (72.4m) - qz only vnlts w/ bx'd wallrock @95.8m overall py ~3% locally diss either as vfgr or fgr blebs and locally assoc w/ patchy ca infill (66.5-66.9m) and rare stringers w/ ca @ 71.6m - py % dec dh	VOL	PY	3			KP	MD	EP	MD			QZ	3	CA	2
TM-21-95	110.25	115.35	msv, fgr/vfgr, dk greenish grey - very homogeneous; no clasts or spotty texture unaffected by alt'n except calcic ~3% as random to mod angle ca vnlts both contacts sharp sulphide poor	DYK					CA	MD					CA	3		

TM-21-95

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-95	115.35	165.75	an EXTREMELY COMPLEX unit; locally where unalt'd appears to be a msv int vol however most of unit exhibits a quasi like 'colloidal' texture/alt'n (i.e 141.0-143.0m - w/ interstital py min'z) which locally gives the unit a bx like texture (125.2-125.5m) - mostly as salmon pink K alt'n but locally much darker red (hm?) and also lite pale green ca+epi(?) alt'n interwoven w/ K alt'n (155.5-159.4m) - locally K +/- hm(?) alt'n occurs as 'ring' structures (138.4m) and pink K alt'n (Fe carb?) is mod/strong calcic alt'd also note: @130.1-131.8m - low angle 4cm wide are >90% ca + tm which are sulphide poor but at lower end of intercept is low angle qz+py+hm+ca vnlt @146.3-149.5m - inc in K alt'n similar to underlying unit except for vein zone described above overall ca veining ~ 3% +/- Fe carb or hm or K alt'n py variable thru out either as 1) diss subhedral grains </=1mm 2) semi-msv in qz + ca vnlt (135.5m) 3) random infill - overall py ranges from 2 - 10% (144.0m)	VOL	PY	5			KP	MD	CA	MD	EP	MD	CA	3	QZ	1
TM-21-95	165.75	170.25	K + Hm alt'n zone - 80% as patchy to pervasive vfgr pink/red alt'n possibly K alt'n w/ hm overprint vein poor sulphide rich - highly variable ranging from 5-20% py mostly as diss subhedral grains to local clusters (168.7-169.2m)	UDF	PY	10			KP	ST	HM	WK						

TM-21-95

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-95	170.25	274.91	same/similar to 115.35-165.75m w/ highly complex alt'n but protolith possibly hypabyssal alt'n is highly variable between lite dull pink K alt'n and later very patchy amorphous dull lite green possibly ser+epi+ca alt'n (diopside??) 'ring' structures @ 174.6-175.1m below 179m 'ring' structures and quasi 'colloidal' texture mostly absent but patchy complex K and pale green ca-ser-epi persists locally thru out locally mod magnetic @ 174-218m @ 179.3m - high angle py vnlts assoc w/ Fe carb (?) @ 188.1m - subhedral py assoc w/ ca-ser-epi alt'n @ 206.6-207.3m - well developed K wallrock alt'n of high angle ca vnlts w/ blebs of py (also @ 207.9m) @ 207.4m is definite hm alt'n w/ well devloped py in wallrock alt'n of ca+hm 5cm vnlt @ 231.0-249.0m - tenor/complexity of alt'n inc but frags are clearly visible w/ most exhibiting dull pink colour - alt'd syenite? @ 253.1m - complex but high angle wallrock ser+epi alt'n of ca + kspar vnlt @ 271.7m - edge of alt'd clast OR alt'n front? Overall py ~ 5% as diss or assoc w/ ca vnlts - highly variable	VOL	PY	5			KP	MD	EP	MD	MT	MD	CA	5		

TM-21-96

Target Area	Azimuth	Dip	Depth (m)	Easting	Northing	Elevation	NAD 83	Date Started	Date Finished	Logged By
A Zone	255◦	-55◦	256.32m	300600m	5377375m	478m	Z16	19-Mar-21	22-Mar-21	B LaPeare

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-96	0.00	S	no return	OVB														
TM-21-96	S	8.00	boulders, mod/strong oxidized/wthd	OVB														
TM-21-96	8.00	12.95	heterogeneous, mottled, pink>grey coarse rounded frags, highly random (no sorting), polymictic but mostly syenite and dun coloured w/ fgr diss anhedral mafic crysts pink colour appears to be mostly from patchy to semi-pervasive K alt'n calcic alt'n is absent and only <1% as wispy ca stringers and rare qz stringers ~3% py mostly as diss thru out and assoc w/ one rare ca+tm vnlt (9.25m) and well developed w/ local syenite clasts (12.0m)	FRG	PY	3			KP	MD					CA	1		
TM-21-96	12.95	17.00	Feldspar porphyry - typical porphyritic texture w/ 30% as mm sale anhedral plag crysts in vfgr dull lite brown matrix except at upper 30cm and lower metre w/ K alt'n - brownish colour due to biotite? ~1% qz+ca stringers - no calcic alt'n ~5% py as vfgr diss and locally assoc w/ qz stringers (15.8m)	POR	PY	5			KP	WK					CA	0.5	QZ	0.5
TM-21-96	17.00	26.45	similar to 8.0-12.95m clast supprted texture well developed at 19.2-20.6m coarse clast @ 23.25m w/ complex patchy alt'n - was it alt'd before or after becoming a clast and are clasts rounded due to h'T milling ~2% ca +/- qz vnlts/stringers ~3% py as vfgr diss to local clusters of fgr blebs/knots	FRG	PY	3			KP	MD					CA	2	QZ	0.5
TM-21-96	26.45	31.10	msv, dull med gr, vfgr matrix w/ 10% as anhedral mm scale mafic crysts diffuse rounded clasts in upper and lower metre matrix sericite alt'd ?? ~ 2% qz+ca vnlts/stringers - no calcic alt'n ~2% diss py and locally assoc w/ qz stringers (29.8m)	VOL	PY	2			SE	WK					CA	2	QZ	0.5

TM-21-96

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-96	31.10	36.90	similar to above units but clast % dec but still well developed locally (36.4-36.8m) in upper 30cm note syenite/trachyte texture w/ highly irregular contacts - frag or magma injection but most likely a frag - complex texture most likely from coarse rounded clasts highly mixed and intercalated w/ overprinting alt'n ~2% as mostly planar qz+/-ca vnlts/stringers ~3% diss py and locally w/ qz infill (33.2m)	FRG	PY	3			KP	MD					CA	2	QZ	0.5
TM-21-96	36.90	38.05	as above porphyry matrix variable between k-spar and biotite alt'n ~5% diss py	POR	PY	5			KP	WK	BI	WK						
TM-21-96	38.05	62.30	simlar to above fragmental units patchy K alt'n (w/ hm?) consistent but dec in lower 4m frags are mostly syenite and phyllic alt'd vol'c - complex and highly mottled overall @ 60.4m is a 80 cm wide qz+/-ca vein w/ wallrock bx'n but sulphide poor - overall qz veining ~7% mostly as vnlts at mod/high angle ~5% diss py overall but well developed locally up to 10%	FRG	PY	7			KP	MD					QZ	7	CA	1
TM-21-96	62.30	64.10	mostly dominated by phyllic alt'n locally exhibiting chl alt'd anhedral/subhedral 1-2mm mafic crysts ~5% qz vnlts/stringers locally w/ wallrock brecciation (62.8m) but sulphide poor ~2% diss py but up to 5% in lower contact zone gradational w/ underlying fragmental unit	INT	PY	2			SE	MD	QZ	MD			QZ	5		
TM-21-96	64.10	85.90	dull mottled med grey thru out - similar to above frag units but K alt'n and syenite/trachyte clasts are mostly absent; coarse frags appear to be mostly phyllic alt'd int vol - matrix supported thru out @ 86.7m mod angle qz vnlt x-cuts irregular low angle qz+ca vnlt - overall qz+/-ca ~3% ~3% diss py but locally up to 7% (66.1m)	FRG	PY	3									QZ	2	CA	1
TM-21-96	85.90	90.15	msv, lite pale greenish grey, fgr/vfgr matrix w/ 1-2mm diffuse plag crysts (not porphyryitic) local rounded clasts but only 5% of unit appears to exhibit wk/mod but pervasive sericitic alt'n ~2% planar to irregular qz vnlts ~3% diss py	VOL	PY	3			SE	MD					QZ	2		
TM-21-96	90.15	99.30	same as 64.1-85.9m but inc in py to 5%	FRG	PY	5									QZ	2		

TM-21-96

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-96	99.30	101.50	motlled due to >50% K alt'n (+ hm?) diffuse clasts are syenite well min'z w/ up to 15% py locally as blebs and infill as opposed to diss (i.e 101.2m)	VOL	PY	15			KP	ST	HM	1			QZ	2		
TM-21-96	101.50	107.15	similar to 85.9-90.15m but slightly more porphyritic @ 104.0-105.0m w/ up to 15% py as irregular blebs assoc w/ amorphous bx w/ qz+ca matrix and phyllic wallrock alt'n - overall py ~7% as diss plus above bx	VOL	PY	7			SE	MD					QZ	2		
TM-21-96	107.15	110.10	upper half w/ 10% as coarse clasts - diffuse within matrix and lower half exhibits 50% coarse clasts bx in lower half is highly irregular, non-sorted and amorphous clasts 1-5cm and sub-rounded - h'T milling ?? ~2% ca vnlts ~3% py best devloped in lower half as vfgr diss	FRG	PY	3									CA	2		
TM-21-96	110.10	112.75	dk grey to reddish brown from wk but pervasive K alt'n (+ hm?) - locally calcic alt'd but mostly absent vein poor except for one ca+tm stringer @ 111.0m w/ assoc py mod developed over 3cm in wallrock and cherty qz infill + patchy hm @ 112.6m	VOL	PY	2			KP	WK	HM	1			CA	0.5		
TM-21-96	112.75	120.65	Vein Zone - variable & amorphous texture due to fgr, dk greenish grey matrix w/ mdgr dull lite green to dun coloured sub-vol'c clasts but amorphous texture suggests overprinting alt'n (see - 116.3-116.9m) possible highly irregular magma mixing ~20% veining - mostly as ca vnlts but upper 1.5m exhibits qz veining 3-8cm wide at 30-45 deg +/- hm staining (Fe carb?) - also note complex relationship of qz+ca vnlts x-cutting qz vnlt at 113.3-113.8 possible healed 50cm shear zone @ 114.3m ~1% diss py and local py+ca stringers @ 115.9m	INT	PY	1			CH	MD					CA	15	QZ	5
TM-21-96	120.65	121.05	dull dk grey, msv - not diabase - veining and sulphides are absent	DYK														
TM-21-96	121.05	128.80	bx texture well developed thru out - clast supported w/ rounded to angular clasts - very heterogeneous thru out - clasts @ 125.8m w/ py in alt'n rim ~5% ca+qz infill & random vnlts/stringers ~2% diss py mostly in matrix and rarely as described above - note patchy **cpy** @ 127.15-127.35m lower contact exhibits 5cm wide ca+qz+chl+tm vnlt	BRX	PY	2	CP	0.5							CA	3	QZ	2

TM-21-96

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-96	128.80	130.65	similar to host rock and alt'n @ 112.75-120.65 but lacks degree of veining lower 30cm as quasi bx mostly sulphide poor but up to 3% in lower bx	TUF	PY	0.5			CH	MD					CA	2		
TM-21-96	130.65	145.60	somewhat mottled texture due to coarse syenite clasts and local K (+hm?) alt'n - some clasts have sharp contacts while others exhibit highly diffuse and gradational and appears to be alt'n - note alt'n rim of clast @ 135.4m - lower 5m exhibits 'spotted' coarse pale lite green alt'n (epi-ser ? - diopside?) and occur as 1) seperately 2) mixed w/ K alt'n and 3) as rim alt'n of syenite clast - where seperate are they alt'd clasts or patchy alt'n of matrix - circular pale green alt'n @ 145.85m ~2% ca+qz vnlts/stringers mostly sulphide poor	TUF	PY	0.1			KP	WK	SE	MD	EP	MD	CA	1	QZ	1
TM-21-96	145.60	170.65	similar to above UDF units but even more heterogeneous and complex alt'd - difficult to describe; i.e see clast @ 150.55m w/ patchy epi+ser - was it alt'd before coming before coming a clast or alt'd post deposition - see also 157.0-157.4m & 158.15-158.95m for complex x-cutting relationships - lower 8m of unit is even more complex w/ local bx'n of highly random coarse dk grey/black clasts within a vfgr dull grey matrix (i.e 166.4-167.1m) ~3% irregular ca vnlts +/- fl (153.5m) ~3% as diss py and locally well developed as highly irregular stringers and patches commonly assoc w/ low angle ca vnlts	VOL	PY	3			SE	MD	EP	MD			CA	3	FL	0.5

TM-21-96

Hole_id	from_m	to_m	Description	Code	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-96	170.65	256.32	typical msv texture, dk grey w/ mostly mafic 1mm crysts fairly consistent thru out most distinctive feature is pale lite green alt'n (ser+epi? - diopside?) but almost always calcic and occurs as alt'n of what appears to be clasts (<5% overall) and wallrock alt'n of local ca stringers (many stringers do not exhibit wallrock alt'n though) and amorphous patchy alt'n of matrix @ 222.1-223.8m diffuse coarse rounded syenite clasts locally overprinted by round ~1cm spotty calcic pale lite green alt'n - 237.75m is good example of amorphous nature of pale green (epi+ser+/-ca) alt'n @ 254.15m - complex anastomosing K alt'n alt'n only affects 15% of unit overall 3% ca vnlts/stringers sulphide poor thru out - trace py	TUF	PY	0.1			SE	MD	EP	MD			CA	3		

TM-21-97

BC DRILLING INC.

Target Area	Azimuth	Dip◦	Depth (m)	Easting	Northing	Elevation	NAD 83	Date Started	Date Finished	Logged By
Bench Zone	070◦	-70	347.71M	300676M	5377364M	484M	Z16	22-Mar-21	27-Mar-21	B LaPeare

Hole_id	from_m	to_m	Description	Code to Plot	Min_1	Min_1 %	Min_2	Min_2 %	Alt_1	Alt_1 Int	Alt 2	Alt_2 Int	Alt 3	Alt_3 Int	Vn_1	Vn_1 %	Vn_2	Vn_2 %
TM-21-97	0.00	3.50	no return	OVB														
TM-21-97	3.50	4.00	boulders	OVB														
TM-21-97	4.00	20.15	msv, vfgr matrix w/ 15-20% as fgr/mdgr anhedral mafic crysts - colour variable from dull pale wk greenish grey to salmon pink from local K alt'n esp in lower 3m ~3% as qz-ca vnlts and rare ca only vnlts trace diss py and one py+tm vnlt @ 8.95m	TUF	PY	0.1			KP	WK					QZ	2	CA	1
TM-21-97	20.15	26.10	Feldspar porphyry (?) por texture diffuse to overprinted majority of unit exhibits pervasive K alt'n (hm overprint?) ~3% qz+/- ca vnlts ~2% py assoc w/ qz vnlts/infill +/- tm and diss as 1mm blebs and less common vfgr lower contact highly gradational - overprinted?	POR	PY	2			KP	ST	HM	WK			QZ	2	CA	1
TM-21-97	26.10	35.85	somewhat similar to above tuff but dec in K alt'n @ 29.85m a 10cm band of distinctive green alt'n (ep + ?) @ 33.0-34.8m - intercalated w/ intrusive ?? diffuse epi (?) alt'd clasts in lower metre ~5% random qz +/- ca vnlts ~ <1% py mostly as local hairline stringers in lower metre	TUF	PY	0.5			KP	MD	EP	WK			QZ	3	CA	2
TM-21-97	35.85	50.90	highly mottled due to extremely poorly sorted; clasts are sub-rounded, <1-5cm and mostly syenite/monzonite, aphanitic black & mdgr diorite(?) @ 41.5-43.0m - coarse clasts and local pale lite green ser alt'd hypabyssal (?) @ 42.6m low angle qz vnlt w/ diffuse K alt'd wallrock ~ 2% ca +/- qz vnlts ~ <1% py - diss py is mostly absent but locally wispy py is assoc w/ aphanitic black clasts (41.4m); discontinuous stringers; as stringers assoc w/ tm in qz vnlt selvage and as subhedral w/ ca+chl @ 44.1m	FRG	PY	0.5			SE	WK	KP	WK			CA	2	QZ	0.5

TM-21-97	50.90	55.85	msv, fgr/mdgr, pale lite greyish green from ser alt'n w/ <1mm anhedral mafic crysts local wk K alt'n (salmon pink) mod calcic alt'n thru out ~3% ca vnlts +/- hm (Fe carb?) ~3% py - diss assoc w/ mafic grains and one coarse patch noted @ 54.0m	HYP	PY	3			SE	MD	KP	WK	CA	MD	CA	3	HM	0.5
TM-21-97	55.85	57.60	dk grey/black, fgr/vfgr, msv possible source of vfgr black clasts in various fragmental units (?) ~ strong calcic alt'n thru out ~ 2% ca vnlts - note: qz+ca+hm+py vnlt @ 56.9m but overall py ~ <1%	VOL	PY	0.5			CA	ST					CA	2		
TM-21-97	57.60	67.55	similar to above HYP but locally bx'd and local coarse black clasts @ 60.0-60.4m - possible dyke w/ ~5% py as diss and hairline stringers wk/mod calcic alt'n ~ 2% ca vnlts ~ 1% overall py mostly diss	HYP	PY	1			CA	MD					CA	2		
TM-21-97	67.55	97.75	similar to above mafic unit but locally phyric and local syenite clasts but also highly diffuse within matrix and possible K alt'n - see 68.2m & 69.7m - see also 70.2 where it appears to be wallrock alt'n of ca vnlt - @ 72.8-84.5m local syenite clasts OR K alt'n (w/ hm?) which ranges from well defined edges to highly gradational within matrix - very confusing mod/strong calcic alt'n thru out ~3% ca vnlts but inc to 7% in lower 6m of unit - ca+fl vnlt @ 92.5m overall trace py lower contact as 3cm wide fault gouge within wkly developed 25cm shear zone @ 97.6m	VOL	PY	0.1			KP	WK					CA	5		

TM-21-97

TM-21-97	97.75	113.15	Microsyenite: msv, fgr/mdgr, reddish brown - very consistent texture thru out mod/strong calcic alt'n thru out ~2% ca+/-qz+/-tm vnlts ~ 5% py but locally up to 10% ranging from diss assoc w/ mafic grains to well developed blebs locally thru out (i.e 110.4-110.8m) lower contact appears to be gradational over 15cm and lacks red brown colour - chill margin ?	SYN	PY	5			CA	ST					CA	2	QZ	0.5
TM-21-97	113.15	116.30	msv, dk grey, mostly fgr/vfgr but locally phyric local syenite clasts @ 113.9-114.3m mod/strong calcic alt'n ~5% mostly irregular ca vnlts ~5% py - locally well developed as scattered 'blebs' (esp @ 113.6-114.3m) and rare stringers but diss py is rare	VOL	PY	5			CA	ST					CA	5		
TM-21-97	116.30	138.00	highly intercalated between micosyenite, phyllic alt'd monzonite (?) and above vol'c @ 126.3-126.6m - coarse lite pale brown clasts - possible bx? mod calcic alt'n except for phyllic alt'd sections where it absent locally magnetic ~3% ca +/- qz vnlts commonly w/ tm (?) - locally milky white qz+ca vnlt x-cuts vitreous qz+ca vnlt ~5% py - all three lith types exhibit varying degree of py - in syenite where its assoc w/ irregular tm(?) infill (119.2m) but esp @ 135.6-138.0m w/ up to 10% py also locally assoc w/ tm(?)	SYN	PY	5			CA	MD	SE	WK	QZ	WK	CA	2	QZ	1
TM-21-97	138.00	140.10	similar to above syenite - upper contact gradational and lower contact sharp - possibly K alt'd vol'c but doubtful calcic alt'n absent ~3% ca +/- qz vnlts - note two x-cutting relationships; @138.4m qz+ca+tm vnlt x-cuts qz+ca stringer BUT @ 139.95m ca+tm stringers x-cuts qz+tm+py - once again - very confusing ~7% py as vfgr diss to local well developed blebs (138.9m)	SYN	PY	7									CA	2	QZ	1

TM-21-97

TM-21-97	140.10	142.45	dk grey, msv, fgr @ 141.35-141.7m - shear zone w/ 2cm gouge and 'broken' bands of microsyenite(?) strongly calcic thru out ~2% ca+hm stringers sulphide poor	VOL					CA	ST					CA	2	HM	0.5
TM-21-97	142.45	147.00	highly mottled and amorphous due to complex alt'n - variable from dun coloured (phyllic ?) to coarse spotty pale green (ep+ser? - diopside?) and locally mixed w/ salmon coloured K alt'n - see 145.3-146.1m for alt'n complexity calcic alt'n is absent ~3% ca+/-qz+/-tm+/-fl vnlts ~5% py - locally well developed and occasionally assoc w/ highly irregular discontinuous ca+tm stringers	VOL	PY	5			SE	MD	QZ	MD	EP	WK	CA	2	QZ	1
TM-21-97	147.00	149.00	as above m'syenites upper contact highly gradational - due to alt'n from upper unit? ~2% ca+/-fl+/-tm+/-hm +/- py vnlts ~5% py diss thru out and locally as mm scale 'knots' and discontinuous stringers	SYN	PY	5			CA	MD								
TM-21-97	149.00	155.70	alt'd monzonite ?? mottled, amorphous but different from 142.45-147.00m and appears mostly as mdgr intrusive or hypabyssal dun coloured locally - phyllic? calcic alt'n highly variable from strong to absent - no apparent controls ~2% ca vnlts ~5% py as diss and irregular stringers	MNZ	PY	5			CA	WK	QZ	WK	SE	WK	CA	2		

TM-21-97

TM-21-97	155.70	192.75	highly mixed/intercalated between dk grey, msv, unalt'd to pale lite grey w/ 15-20% diss anhedral 1mm mafic grains and local coarse syenite>monzonite clasts - pale speckled appearance from phyllic alt'n (?) which seems to enhance phyric texture calcic alt'n variable but mostly wk/absent ~2% ca vnlts ~2% py - <1% where unalt'd but >3% where alt'd as diss and local hairline stringers	FRG	PY	2			QZ	WK	SE	WK			CA	2		
TM-21-97	192.75	200.15	similar to above m'syenites but locally exhibits 1x2mm plag crysts w/ 'flow' texture around rare diffuse 1cm dk grey clasts (i.e 195.3-195.6m) deep red colour + magsus suggests pervasive hm alt'n and is wkly magnetic calcic alt'n variable ~3% irregular to planar vnlts at high angle ~3% py diss as fgr 'knots' usually assoc w/ fgr anhedral mafic grains	SYN	PY	3			MT	WK	HM	MD			CA	3		
TM-21-97	200.15	207.10	mostly dk grey, msv, fgr but locally exhibits patchy diffuse K alt'n (+ hm?) wk/mod calcic alt'n best developed w/ K alt'n ~3% ca+/-qz+/-tm vnlts ~3% py - occurs in unalt'd sections as hairline stringers but somewhat better developed w/ alt'n generally assoc w/ qz+tm+/-ca patchy infill (i.e 203.7-206.3m)	VOL	PY	3			CA	MD	KP	WK	HM	WK	CA	2	QZ	1
TM-21-97	207.10	261.00	EXTREMELY complex, amorphous alt'n thru out - most distinctive is very pale dun pinkish burnt orange aphanitic alt'n (ab?? - also has same colour as monticellite - high T olivine) locally bx'd - i.e 234.7 & 254.4m @222.4-223.1m is m'syenite exhibits patchy K alt'n above and below distinctive black coarse 'nodules' w/ alt'n rims/zonation - see 236.1-236.4m and 248.8-251.2m ~5% as hairline ca stringers thru out	ATZ	PY	10			KP	WK	SE	MD	QZ	MD	QZ	3	CA	2

TM-21-97

TM-21-97	261.00	266.00	dull pale grey, vfgr, msv pervasive but wk phyllic alt'n ? mod calcic alt'n thru out ~15% ca vnlts +/- tm ~5% py as diss and assoc w/ local ca+tm stringers lower contact sheared over 15cm at 55 deg	VOL	PY	5			SE	WK	QZ	WK			CA	15	TM	1
TM-21-97	266.00	268.00	typical intrusive texture w/ local int vol'c mod pervasive calcic alt'n ~5% py diss knots assoc w/ mafic grains	MNZ	PY	5			CA	MD								
TM-21-97	268.00	275.95	dk greenish grey, msv, fgr - possible less alt'd version of 261.0-266.0m @ 270.3m is 20 cm wide bx'n w/ ca+chl infill matrix wispy irregular cm scale bands of lite green alt'n (ser?) locally thru out - h'T channelways?? ~20% as highly random ca vnlts which x-cuts rare qz vnlts/infill - qz+ca+fl vnlt @ 272.9m ~3% py - diss py only ~1% but locally well developed w/ wispy alt'n noted above and w/ local ca vnlts	VOL	PY	3			SE	WK					CA	20	QZ	2
TM-21-97	275.95	276.70	somewhat similar to above m'syenites but more brownish than red/pink mod/strong calcic alt'n ~5% ca vnlts ~10% py as diss fgr knots	SYN	PY	10			CA	MD	KP	WK			CA	5		
TM-21-97	276.70	307.70	similar to above but lacks wispy sericitic alt'n and exhibits patchy diffuse to pronounced salmon pink coloured K alt'n @ 284.3-294.3m >5cm black & white tm+ca rounded 'nodules' w/ K alt'n rim hosting 5-10% py calcic alt'n is absent but; 15% ca vnlts ~5% py overall - mostly as diss anhedral knots but also as hairline stringers, rare infill (described above), locally w/ K alt'n (286.3m) and 20-25% py over 10cm @ lower contact	VOL	PY	5			KP	WK					CA	15		

TM-21-97	307.70	347.71	typical speckled texture w/ 20-25% diss anhedral 1-2mm mafic crysts within dull grey fgr/vfgr matrix - more fgr w/ speckled texture diffuse/absent locally upper 10+ metres exhibits mod, local alt'n ranging from K to phyllic to funky dun coloured roughly dh mod pervasive calcic alt'n thru out except lower 5m to EOH where py is best devloped - significance?? ca vnlts variable from 3 to 10% (332.5-338.5m) ~3% py overall but locally up to ~7% as; 1) patchy assoc w/ highly irregular tm+ca+/-fl (312.3-312.7m) 2) highly localized hairline discontinuous stringers 3) seperate vnlts ~1cm (347.0m) 4) esp well developed @ 339.5-347.71m as cm scale patchy infill +/- ca - also local ca+hm vnlts locally	TUF	PY	3			KP	WK	SE	WK	QZ	WK	CA	5		

Phase 1 Drilling Assays

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-88	390001	7.62	10.00	2.38	2.5
TM-21-88	390002	10.00	11.50	1.5	2.5
TM-21-88	390003	11.50	13.00	1.5	20
TM-21-88	390004	13.00	14.50	1.5	14
TM-21-88	390005	14.50	16.00	1.5	28
TM-21-88	390006	16.00	17.50	1.5	18
TM-21-88	390007	17.50	19.00	1.5	36
TM-21-88	390008	19.00	20.50	1.5	127
TM-21-88	390009	20.50	22.00	1.5	30
TM-21-88	390010	22.00	23.50	1.5	61
TM-21-88	390011	23.50	25.00	1.5	17
TM-21-88	390012	25.00	26.50	1.5	14
TM-21-88	390013	26.50	28.00	1.5	14
TM-21-88	390014	28.00	29.50	1.5	21
TM-21-88	390015	29.50	31.00	1.5	25
TM-21-88	390016	31.00	32.50	1.5	28
TM-21-88	390017	32.50	34.00	1.5	23
TM-21-88	390018	34.00	35.50	1.5	29
TM-21-88	390019	35.50	37.00	1.5	10
TM-21-88	390021	37.00	38.50	1.5	30
TM-21-88	390022	38.50	40.00	1.5	14
TM-21-88	390023	40.00	41.50	1.5	76
TM-21-88	390024	41.50	43.00	1.5	37
TM-21-88	390025	43.00	44.50	1.5	16
TM-21-88	390026	44.50	46.00	1.5	18
TM-21-88	390027	46.00	47.50	1.5	27
TM-21-88	390028	47.50	49.00	1.5	6
TM-21-88	390029	49.00	50.50	1.5	10
TM-21-88	390030	50.50	52.00	1.5	15
TM-21-88	390031	52.00	53.50	1.5	16
TM-21-88	390032	53.50	55.00	1.5	21
TM-21-88	390033	55.00	56.50	1.5	22
TM-21-88	390034	56.50	58.00	1.5	9
TM-21-88	390035	58.00	59.50	1.5	6
TM-21-88	390036	59.50	61.00	1.5	7
TM-21-88	390037	61.00	62.50	1.5	10
TM-21-88	390038	62.50	64.00	1.5	10
TM-21-88	390039	64.00	65.50	1.5	12
TM-21-88	390041	65.50	67.00	1.5	14
TM-21-88	390042	67.00	68.50	1.5	10
TM-21-88	390043	68.50	70.00	1.5	12
TM-21-88	390044	70.00	71.50	1.5	9
TM-21-88	390045	71.50	73.00	1.5	16
TM-21-88	390046	73.00	74.50	1.5	18

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-88	390047	74.50	76.00	1.5	34
TM-21-88	390048	76.00	77.50	1.5	17
TM-21-88	390049	77.50	79.00	1.5	14
TM-21-88	390050	79.00	80.50	1.5	20
TM-21-88	390051	80.50	82.00	1.5	12
TM-21-88	390052	82.00	83.50	1.5	14
TM-21-88	390053	83.50	85.00	1.5	11
TM-21-88	390054	85.00	86.50	1.5	11
TM-21-88	390055	86.50	88.00	1.5	28
TM-21-88	390056	88.00	89.50	1.5	18
TM-21-88	390057	89.50	91.00	1.5	14
TM-21-88	390058	91.00	92.50	1.5	19
TM-21-88	390059	92.50	94.00	1.5	22
TM-21-88	390061	94.00	95.50	1.5	223
TM-21-88	390062	95.50	97.00	1.5	11
TM-21-88	390063	97.00	98.50	1.5	17
TM-21-88	390064	98.50	100.00	1.5	22
TM-21-88	390065	100.00	101.50	1.5	22
TM-21-88	390066	101.50	103.00	1.5	17
TM-21-88	390067	103.00	104.50	1.5	16
TM-21-88	390068	104.50	106.00	1.5	13
TM-21-88	390069	106.00	107.50	1.5	11
TM-21-88	390070	107.50	109.00	1.5	7
TM-21-88	390071	109.00	110.50	1.5	10
TM-21-88	390072	110.50	112.00	1.5	9
TM-21-88	390073	112.00	113.50	1.5	14
TM-21-88	390074	113.50	115.00	1.5	13
TM-21-88	390075	115.00	116.50	1.5	8
TM-21-88	390076	116.50	118.00	1.5	16
TM-21-88	390077	118.00	119.50	1.5	52
TM-21-88	390078	119.50	121.00	1.5	16
TM-21-88	390079	121.00	122.50	1.5	13
TM-21-88	390081	122.50	124.00	1.5	6
TM-21-88	390082	124.00	125.50	1.5	11
TM-21-88	390083	125.50	127.00	1.5	22
TM-21-88	390084	127.00	128.50	1.5	116
TM-21-88	390085	128.50	130.00	1.5	31
TM-21-88	390086	130.00	131.50	1.5	13
TM-21-88	390087	131.50	133.00	1.5	9
TM-21-88	390088	133.00	134.50	1.5	7
TM-21-88	390089	134.50	136.00	1.5	9
TM-21-88	390090	136.00	137.50	1.5	11
TM-21-88	390091	137.50	139.00	1.5	8
TM-21-88	390092	139.00	140.50	1.5	7
TM-21-88	390093	140.50	142.00	1.5	6
TM-21-88	390094	142.00	143.50	1.5	10

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-88	390095	143.50	145.00	1.5	10
TM-21-88	390096	145.00	146.50	1.5	8
TM-21-88	390097	146.50	148.00	1.5	16
TM-21-88	390098	148.00	149.50	1.5	10
TM-21-88	390099	149.50	151.00	1.5	17
TM-21-88	390101	151.00	152.50	1.5	29
TM-21-88	390102	152.50	154.00	1.5	9
TM-21-88	390103	154.00	155.50	1.5	11
TM-21-88	390104	155.50	157.00	1.5	9
TM-21-88	390105	157.00	158.50	1.5	8
TM-21-88	390106	158.50	160.00	1.5	6
TM-21-88	390107	160.00	161.50	1.5	2.5
TM-21-88	390108	161.50	163.00	1.5	2.5
TM-21-88	390109	163.00	164.50	1.5	6
TM-21-88	390110	164.50	166.00	1.5	9
TM-21-88	390111	166.00	167.50	1.5	7
TM-21-88	390112	167.50	169.00	1.5	7
TM-21-88	390113	169.00	170.50	1.5	7
TM-21-88	390114	170.50	172.00	1.5	6
TM-21-88	390115	172.00	173.50	1.5	6
TM-21-88	390116	173.50	175.00	1.5	7
TM-21-88	390117	175.00	176.50	1.5	9
TM-21-88	390118	176.50	178.00	1.5	13
TM-21-88	390119	178.00	179.50	1.5	9
TM-21-88	390121	179.50	181.00	1.5	16
TM-21-88	390122	181.00	182.50	1.5	11
TM-21-88	390123	182.50	184.00	1.5	13
TM-21-88	390124	184.00	185.50	1.5	14
TM-21-88	390125	185.50	187.00	1.5	10
TM-21-88	390126	187.00	188.50	1.5	10
TM-21-88	390127	188.50	190.00	1.5	9
TM-21-88	390128	190.00	191.50	1.5	10
TM-21-88	390129	191.50	193.00	1.5	7
TM-21-88	390130	193.00	194.50	1.5	11
TM-21-88	390131	194.50	196.00	1.5	7
TM-21-88	390132	196.00	197.50	1.5	8
TM-21-88	390133	197.50	199.00	1.5	8
TM-21-88	390134	199.00	200.50	1.5	5
TM-21-88	390135	200.50	202.00	1.5	5
TM-21-88	390136	202.00	203.50	1.5	11
TM-21-88	390137	203.50	205.00	1.5	5
TM-21-88	390138	205.00	206.50	1.5	24
TM-21-88	390139	206.50	208.00	1.5	2.5
TM-21-88	390141	208.00	208.79	0.79	6
TM-21-89	390142	12.00	13.50	1.5	7
TM-21-89	390143	13.50	15.00	1.5	10

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-89	390144	15.00	16.50	1.5	24
TM-21-89	390145	16.50	18.00	1.5	390
TM-21-89	390146	18.00	19.50	1.5	121
TM-21-89	390147	19.50	21.00	1.5	11
TM-21-89	390148	21.00	22.50	1.5	13
TM-21-89	390149	22.50	24.00	1.5	12
TM-21-89	390150	24.00	25.50	1.5	18
TM-21-89	390151	25.50	27.00	1.5	15
TM-21-89	390152	27.00	28.50	1.5	31
TM-21-89	390153	28.50	30.00	1.5	29
TM-21-89	390154	30.00	31.50	1.5	6
TM-21-89	390155	31.50	33.00	1.5	2.5
TM-21-89	390156	33.00	34.50	1.5	12
TM-21-89	390157	34.50	36.00	1.5	8
TM-21-89	390158	36.00	37.50	1.5	12
TM-21-89	390159	37.50	39.00	1.5	10
TM-21-89	390161	39.00	40.50	1.5	8
TM-21-89	390162	40.50	42.00	1.5	8
TM-21-89	390163	42.00	43.50	1.5	6
TM-21-89	390164	43.50	45.00	1.5	5
TM-21-89	390165	45.00	46.50	1.5	10
TM-21-89	390166	46.50	48.00	1.5	13
TM-21-89	390167	48.00	49.50	1.5	10
TM-21-89	390168	49.50	51.00	1.5	8
TM-21-89	390169	51.00	52.50	1.5	8
TM-21-89	390170	52.50	54.00	1.5	10
TM-21-89	390171	54.00	55.50	1.5	6
TM-21-89	390172	55.50	57.00	1.5	12
TM-21-89	390173	57.00	58.50	1.5	2.5
TM-21-89	390174	58.50	60.00	1.5	2.5
TM-21-89	390175	60.00	61.50	1.5	2.5
TM-21-89	390176	61.50	63.00	1.5	2.5
TM-21-89	390177	63.00	64.50	1.5	5
TM-21-89	390178	64.50	66.00	1.5	11
TM-21-89	390179	66.00	67.50	1.5	7
TM-21-89	390181	67.50	69.00	1.5	2.5
TM-21-89	390182	69.00	70.50	1.5	2.5
TM-21-89	390183	70.50	72.00	1.5	2.5
TM-21-89	390184	72.00	73.50	1.5	2.5
TM-21-89	390185	73.50	75.00	1.5	5
TM-21-89	390186	75.00	76.50	1.5	7
TM-21-89	390187	76.50	78.00	1.5	2.5
TM-21-89	390188	78.00	79.50	1.5	2.5
TM-21-89	390189	79.50	81.00	1.5	2.5
TM-21-89	390190	81.00	82.50	1.5	2.5
TM-21-89	390191	82.50	84.00	1.5	2.5

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-89	390192	84.00	85.50	1.5	2.5
TM-21-89	390193	85.50	87.00	1.5	6
TM-21-89	390194	87.00	88.50	1.5	74
TM-21-89	390195	88.50	90.00	1.5	69
TM-21-89	390196	90.00	91.50	1.5	519
TM-21-89	390197	91.50	93.00	1.5	121
TM-21-89	390198	93.00	94.50	1.5	40
TM-21-89	390199	94.50	96.00	1.5	35
TM-21-89	390201	96.00	97.50	1.5	26
TM-21-89	390202	97.50	99.00	1.5	30
TM-21-89	390203	99.00	100.50	1.5	8
TM-21-89	390204	100.50	102.00	1.5	87
TM-21-89	390205	102.00	103.50	1.5	74
TM-21-89	390206	103.50	105.00	1.5	2.5
TM-21-89	390207	105.00	106.50	1.5	11
TM-21-89	390208	106.50	108.00	1.5	9
TM-21-89	390209	108.00	109.50	1.5	6
TM-21-89	390210	109.50	111.00	1.5	6
TM-21-89	390211	111.00	112.50	1.5	2.5
TM-21-89	390212	112.50	114.00	1.5	2.5
TM-21-89	390213	114.00	115.50	1.5	2.5
TM-21-89	390214	115.50	117.00	1.5	2.5
TM-21-89	390215	117.00	118.50	1.5	2.5
TM-21-89	390216	118.50	120.00	1.5	2.5
TM-21-89	390217	120.00	121.50	1.5	45
TM-21-89	390218	121.50	123.00	1.5	16
TM-21-89	390219	123.00	124.50	1.5	470
TM-21-89	390221	124.50	126.00	1.5	331
TM-21-89	390222	126.00	127.50	1.5	287
TM-21-89	390223	127.50	129.00	1.5	17
TM-21-89	390224	129.00	130.50	1.5	18
TM-21-89	390225	130.50	132.00	1.5	2.5
TM-21-89	390226	132.00	133.50	1.5	5
TM-21-89	390227	133.50	135.00	1.5	7
TM-21-89	390228	135.00	136.50	1.5	8
TM-21-89	390229	136.50	138.00	1.5	7
TM-21-89	390230	138.00	139.50	1.5	7
TM-21-89	390231	139.50	141.00	1.5	2.5
TM-21-89	390232	141.00	142.50	1.5	2.5
TM-21-89	390233	142.50	144.00	1.5	2.5
TM-21-89	390234	144.00	145.50	1.5	5
TM-21-89	390235	145.50	147.00	1.5	128
TM-21-89	390236	147.00	148.50	1.5	111
TM-21-89	390237	148.50	150.00	1.5	11
TM-21-89	390238	150.00	151.50	1.5	2.5
TM-21-89	390239	151.50	153.00	1.5	16

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-89	390241	153.00	154.50	1.5	50
TM-21-89	390242	154.50	156.00	1.5	8
TM-21-89	390243	156.00	157.50	1.5	7
TM-21-89	390244	157.50	159.00	1.5	2.5
TM-21-89	390245	159.00	160.50	1.5	2.5
TM-21-89	390246	160.50	162.00	1.5	2.5
TM-21-89	390247	162.00	163.50	1.5	2.5
TM-21-89	390248	163.50	165.00	1.5	2.5
TM-21-89	390249	165.00	166.50	1.5	2.5
TM-21-89	390250	166.50	168.00	1.5	2.5
TM-21-89	390251	168.00	169.50	1.5	6
TM-21-89	390252	169.50	171.00	1.5	11
TM-21-89	390253	171.00	172.50	1.5	12
TM-21-89	390254	172.50	174.00	1.5	7
TM-21-89	390255	174.00	175.50	1.5	5
TM-21-89	390256	175.50	177.00	1.5	2.5
TM-21-89	390257	177.00	178.50	1.5	2.5
TM-21-89	390258	178.50	180.00	1.5	5
TM-21-89	390259	180.00	181.50	1.5	2.5
TM-21-89	390261	181.50	183.00	1.5	7
TM-21-89	390262	183.00	184.50	1.5	5
TM-21-89	390263	184.50	186.00	1.5	6
TM-21-89	390264	186.00	187.50	1.5	10
TM-21-89	390265	187.50	189.00	1.5	9
TM-21-89	390266	189.00	190.50	1.5	12
TM-21-89	390267	190.50	192.00	1.5	2.5
TM-21-89	390268	192.00	193.50	1.5	2.5
TM-21-89	390269	193.50	195.00	1.5	2.5
TM-21-89	390270	195.00	196.50	1.5	12
TM-21-89	390271	196.50	198.00	1.5	7
TM-21-89	390272	198.00	199.50	1.5	12
TM-21-89	390273	199.50	201.00	1.5	8
TM-21-89	390274	201.00	202.50	1.5	6
TM-21-89	390275	202.50	204.00	1.5	12
TM-21-89	390276	204.00	205.50	1.5	21
TM-21-89	390277	205.50	207.00	1.5	7
TM-21-89	390278	207.00	208.50	1.5	8
TM-21-89	390279	208.50	210.00	1.5	21
TM-21-89	390281	210.00	211.50	1.5	2.5
TM-21-89	390282	211.50	213.00	1.5	110
TM-21-89	390283	213.00	214.50	1.5	94
TM-21-89	390284	214.50	216.00	1.5	122
TM-21-89	390285	216.00	217.50	1.5	136
TM-21-89	390286	217.50	219.00	1.5	259
TM-21-89	390287	219.00	220.50	1.5	90
TM-21-89	390288	220.50	222.00	1.5	16

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-89	390289	222.00	223.50	1.5	11
TM-21-89	390290	223.50	224.64	1.14	428
TM-21-90	390291	300.00	301.50	1.5	15
TM-21-90	390292	301.50	303.00	1.5	120
TM-21-90	390293	303.00	304.50	1.5	181
TM-21-90	390294	304.50	306.00	1.5	1660
TM-21-90	390295	306.00	307.50	1.5	41
TM-21-90	390296	307.50	309.00	1.5	122
TM-21-90	390297	309.00	310.50	1.5	821
TM-21-90	390298	310.50	312.00	1.5	385
TM-21-90	390299	312.00	313.50	1.5	630
TM-21-90	390301	313.50	315.00	1.5	224
TM-21-90	390302	315.00	316.50	1.5	67
TM-21-90	390303	316.50	318.00	1.5	95
TM-21-90	390304	318.00	319.50	1.5	83
TM-21-90	390305	319.50	321.00	1.5	140
TM-21-90	390306	321.00	322.50	1.5	231
TM-21-90	390307	322.50	324.00	1.5	281
TM-21-90	390308	324.00	325.50	1.5	252
TM-21-90	390309	325.50	327.00	1.5	20
TM-21-90	390310	327.00	328.50	1.5	70
TM-21-90	390311	328.50	330.00	1.5	157
TM-21-90	390312	330.00	331.50	1.5	52
TM-21-90	390313	331.50	333.00	1.5	81
TM-21-90	390314	333.00	334.50	1.5	31
TM-21-90	390315	334.50	336.00	1.5	170
TM-21-90	390316	336.00	337.50	1.5	54
TM-21-90	390317	337.50	339.00	1.5	26
TM-21-90	390318	339.00	340.50	1.5	40
TM-21-90	390319	340.50	342.00	1.5	296
TM-21-90	390321	342.00	343.50	1.5	26
TM-21-90	390322	343.50	345.00	1.5	32
TM-21-90	390323	345.00	346.50	1.5	16
TM-21-90	390324	346.50	348.00	1.5	9
TM-21-90	390325	348.00	349.50	1.5	13
TM-21-90	390326	349.50	351.00	1.5	1090
TM-21-90	390327	351.00	352.50	1.5	460
TM-21-90	390328	352.50	354.00	1.5	308
TM-21-90	390329	354.00	355.50	1.5	793
TM-21-90	390330	355.50	357.00	1.5	51
TM-21-90	390331	357.00	358.50	1.5	9
TM-21-90	390332	358.50	360.00	1.5	10
TM-21-90	390333	360.00	361.50	1.5	160
TM-21-90	390334	361.50	363.00	1.5	304
TM-21-90	390335	363.00	364.50	1.5	1020
TM-21-90	390336	364.50	366.00	1.5	16

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-90	390337	366.00	367.50	1.5	130
TM-21-90	390338	367.50	369.00	1.5	728
TM-21-90	390339	369.00	370.50	1.5	217
TM-21-90	390341	370.50	372.00	1.5	311
TM-21-90	390342	372.00	373.50	1.5	10
TM-21-90	390343	373.50	375.00	1.5	1630
TM-21-90	390344	375.00	376.50	1.5	1010
TM-21-90	390345	376.50	378.00	1.5	798
TM-21-90	390346	378.00	379.50	1.5	1920
TM-21-90	390347	379.50	381.00	1.5	288
TM-21-90	390348	381.00	382.50	1.5	2090
TM-21-90	390349	382.50	384.00	1.5	486
TM-21-90	390350	384.00	385.50	1.5	364
TM-21-90	390351	385.50	387.00	1.5	468
TM-21-90	390352	387.00	388.50	1.5	281
TM-21-90	390353	388.50	390.00	1.5	595
TM-21-90	390354	390.00	391.50	1.5	185
TM-21-90	390355	391.50	393.00	1.5	34
TM-21-90	390356	393.00	394.50	1.5	23
TM-21-90	390357	394.50	396.00	1.5	166
TM-21-90	390358	396.00	397.50	1.5	8
TM-21-90	390359	397.50	399.00	1.5	24
TM-21-90	390361	399.00	400.50	1.5	24
TM-21-90	390362	400.50	402.00	1.5	18
TM-21-90	390363	402.00	403.50	1.5	8
TM-21-90	390364	403.50	405.00	1.5	76
TM-21-90	390365	405.00	406.50	1.5	87
TM-21-90	390366	406.50	408.00	1.5	21
TM-21-90	390367	408.00	409.50	1.5	26
TM-21-90	390368	409.50	411.00	1.5	51
TM-21-90	390369	411.00	412.50	1.5	116
TM-21-90	390370	412.50	414.00	1.5	28
TM-21-90	390371	414.00	415.50	1.5	214
TM-21-90	390372	415.50	417.00	1.5	347
TM-21-90	390373	417.00	418.50	1.5	254
TM-21-90	390374	418.50	420.00	1.5	37
TM-21-90	390375	420.00	421.50	1.5	14
TM-21-90	390376	421.50	423.00	1.5	11
TM-21-90	390377	423.00	424.50	1.5	9
TM-21-90	390378	424.50	426.00	1.5	9
TM-21-90	390379	426.00	427.50	1.5	10
TM-21-90	390381	427.50	429.00	1.5	2.5
TM-21-90	390382	429.00	430.50	1.5	7
TM-21-90	390383	430.50	432.00	1.5	8
TM-21-90	390384	432.00	433.50	1.5	19
TM-21-90	390385	433.50	435.00	1.5	8

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-90	390386	435.00	436.50	1.5	8
TM-21-90	390387	436.50	438.00	1.5	16
TM-21-90	390388	438.00	439.50	1.5	9
TM-21-90	390389	439.50	441.00	1.5	12
TM-21-90	390390	441.00	442.50	1.5	19
TM-21-90	390391	442.50	444.09	1.59	25
TM-21-91	390392	3.00	4.00	1	60
TM-21-91	390393	4.00	5.50	1.5	50
TM-21-91	390394	5.50	7.00	1.5	38
TM-21-91	390395	7.00	8.50	1.5	34
TM-21-91	390396	8.50	10.00	1.5	34
TM-21-91	390397	10.00	11.50	1.5	27
TM-21-91	390398	11.50	13.00	1.5	29
TM-21-91	390399	13.00	14.50	1.5	44
TM-21-91	390401	14.50	16.00	1.5	168
TM-21-91	390402	16.00	17.50	1.5	39
TM-21-91	390403	17.50	19.00	1.5	25
TM-21-91	390404	19.00	20.50	1.5	22
TM-21-91	390405	20.50	22.00	1.5	14
TM-21-91	390406	22.00	23.50	1.5	48
TM-21-91	390407	23.50	25.00	1.5	99
TM-21-91	390408	25.00	26.50	1.5	7
TM-21-91	390409	26.50	28.00	1.5	13
TM-21-91	390410	28.00	29.50	1.5	30
TM-21-91	390411	29.50	31.00	1.5	133
TM-21-91	390412	31.00	32.50	1.5	65
TM-21-91	390413	32.50	34.00	1.5	168
TM-21-91	390414	34.00	35.50	1.5	349
TM-21-91	390415	35.50	37.00	1.5	78
TM-21-91	390416	37.00	38.50	1.5	81
TM-21-91	390417	38.50	40.00	1.5	109
TM-21-91	390418	40.00	41.50	1.5	40
TM-21-91	390419	41.50	43.00	1.5	29
TM-21-91	390421	43.00	44.50	1.5	37
TM-21-91	390422	44.50	46.00	1.5	26
TM-21-91	390423	46.00	47.50	1.5	75
TM-21-91	390424	47.50	49.00	1.5	101
TM-21-91	390425	49.00	50.50	1.5	103
TM-21-91	390426	50.50	52.00	1.5	96
TM-21-91	390427	52.00	53.50	1.5	57
TM-21-91	390428	53.50	55.00	1.5	105
TM-21-91	390429	55.00	56.50	1.5	41
TM-21-91	390430	56.50	58.00	1.5	76
TM-21-91	390431	58.00	59.50	1.5	87
TM-21-91	390432	59.50	61.00	1.5	56
TM-21-91	390433	61.00	62.50	1.5	36

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-91	390434	62.50	64.00	1.5	42
TM-21-91	390435	64.00	65.50	1.5	24
TM-21-91	390436	65.50	67.00	1.5	23
TM-21-91	390437	67.00	68.50	1.5	32
TM-21-91	390438	68.50	70.00	1.5	25
TM-21-91	390439	70.00	71.50	1.5	31
TM-21-91	390441	71.50	73.00	1.5	20
TM-21-91	390442	73.00	74.50	1.5	23
TM-21-91	390443	74.50	76.00	1.5	30
TM-21-91	390444	76.00	77.50	1.5	52
TM-21-91	390445	77.50	79.00	1.5	22
TM-21-91	390446	79.00	80.50	1.5	32
TM-21-91	390447	80.50	82.00	1.5	19
TM-21-91	390448	82.00	83.50	1.5	18
TM-21-91	390449	83.50	85.00	1.5	28
TM-21-91	390450	85.00	86.50	1.5	21
TM-21-91	390451	86.50	88.00	1.5	39
TM-21-91	390452	88.00	89.50	1.5	48
TM-21-91	390453	89.50	91.00	1.5	62
TM-21-91	390454	91.00	92.50	1.5	87
TM-21-91	390455	92.50	94.00	1.5	58
TM-21-91	390456	94.00	95.50	1.5	73
TM-21-91	390457	95.50	97.00	1.5	46
TM-21-91	390458	97.00	98.50	1.5	85
TM-21-91	390459	98.50	100.00	1.5	70
TM-21-91	390461	100.00	101.50	1.5	36
TM-21-91	390462	101.50	103.00	1.5	76
TM-21-91	390463	103.00	104.50	1.5	48
TM-21-91	390464	104.50	106.00	1.5	50
TM-21-91	390465	106.00	107.50	1.5	75
TM-21-91	390466	107.50	109.00	1.5	38
TM-21-91	390467	109.00	110.50	1.5	26
TM-21-91	390468	110.50	112.00	1.5	48
TM-21-91	390469	112.00	113.50	1.5	36
TM-21-91	390470	113.50	115.00	1.5	30
TM-21-91	390471	115.00	116.50	1.5	54
TM-21-91	390472	116.50	118.00	1.5	42
TM-21-91	390473	118.00	119.50	1.5	75
TM-21-91	390474	119.50	121.00	1.5	32
TM-21-91	390475	121.00	122.50	1.5	65
TM-21-91	390476	122.50	124.00	1.5	106
TM-21-91	390477	124.00	125.50	1.5	101
TM-21-91	390478	125.50	127.00	1.5	57
TM-21-91	390479	127.00	128.50	1.5	84
TM-21-91	390481	128.50	130.00	1.5	41
TM-21-91	390482	130.00	131.50	1.5	50

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-91	390483	131.50	133.00	1.5	30
TM-21-91	390484	133.00	134.50	1.5	46
TM-21-91	390485	134.50	136.00	1.5	67
TM-21-91	390486	136.00	137.50	1.5	56
TM-21-91	390487	137.50	139.00	1.5	167
TM-21-91	390488	139.00	140.50	1.5	45
TM-21-91	390489	140.50	142.00	1.5	80
TM-21-91	390490	142.00	143.50	1.5	36
TM-21-91	390491	143.50	145.00	1.5	46
TM-21-91	390492	145.00	146.50	1.5	45
TM-21-91	390493	146.50	148.00	1.5	76
TM-21-91	390494	148.00	149.50	1.5	25
TM-21-91	390495	149.50	151.00	1.5	35
TM-21-91	390496	151.00	152.50	1.5	25
TM-21-91	390497	152.50	154.00	1.5	76
TM-21-91	390498	154.00	155.50	1.5	40
TM-21-91	390499	155.50	157.00	1.5	58
TM-21-91	390501	157.00	158.50	1.5	84
TM-21-91	390502	158.50	160.00	1.5	96
TM-21-91	390503	160.00	161.50	1.5	100
TM-21-91	390504	161.50	163.00	1.5	94
TM-21-91	390505	163.00	164.50	1.5	145
TM-21-91	390506	164.50	166.00	1.5	110
TM-21-91	390507	166.00	167.50	1.5	87
TM-21-91	390508	167.50	169.00	1.5	47
TM-21-91	390509	169.00	170.50	1.5	118
TM-21-91	390510	170.50	172.00	1.5	44
TM-21-91	390511	172.00	173.50	1.5	55
TM-21-91	390512	173.50	175.00	1.5	38
TM-21-91	390513	175.00	176.50	1.5	51
TM-21-91	390514	176.50	178.00	1.5	88
TM-21-91	390515	178.00	179.50	1.5	86
TM-21-91	390516	179.50	181.00	1.5	142
TM-21-91	390517	181.00	182.50	1.5	102
TM-21-91	390518	182.50	184.00	1.5	45
TM-21-91	390519	184.00	185.50	1.5	55
TM-21-91	390521	185.50	187.00	1.5	67
TM-21-91	390522	187.00	188.50	1.5	70
TM-21-91	390523	188.50	190.00	1.5	58
TM-21-91	390524	190.00	191.50	1.5	68
TM-21-91	390525	191.50	193.00	1.5	79
TM-21-91	390526	193.00	194.50	1.5	132
TM-21-91	390527	194.50	196.00	1.5	57
TM-21-91	390528	196.00	197.50	1.5	244
TM-21-91	390529	197.50	199.00	1.5	645
TM-21-91	390530	199.00	200.50	1.5	844

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-91	390531	200.50	202.00	1.5	678
TM-21-91	390532	202.00	203.50	1.5	258
TM-21-91	390533	203.50	205.00	1.5	103
TM-21-91	390534	205.00	206.50	1.5	37
TM-21-91	390535	206.50	208.00	1.5	68
TM-21-91	390536	208.00	209.50	1.5	218
TM-21-91	390537	209.50	211.00	1.5	76
TM-21-91	390538	211.00	212.50	1.5	272
TM-21-91	390539	212.50	214.00	1.5	215
TM-21-91	390541	214.00	215.50	1.5	107
TM-21-91	390542	215.50	217.00	1.5	283
TM-21-91	390543	217.00	218.50	1.5	181
TM-21-91	390544	218.50	220.00	1.5	71
TM-21-91	390545	220.00	221.50	1.5	52
TM-21-91	390546	221.50	223.00	1.5	153
TM-21-91	390547	223.00	224.50	1.5	500
TM-21-91	390548	224.50	226.00	1.5	294
TM-21-91	390549	226.00	227.50	1.5	341
TM-21-91	390550	227.50	229.00	1.5	466
TM-21-91	390551	229.00	230.50	1.5	217
TM-21-91	390552	230.50	232.00	1.5	212
TM-21-91	390553	232.00	233.50	1.5	326
TM-21-91	390554	233.50	235.00	1.5	328
TM-21-91	390555	235.00	236.50	1.5	694
TM-21-91	390556	236.50	238.00	1.5	165
TM-21-91	390557	238.00	239.88	1.88	132
TM-21-92	390558	11.80	13.00	1.2	10
TM-21-92	390559	13.00	14.50	1.5	26
TM-21-92	390561	14.50	16.00	1.5	18
TM-21-92	390562	16.00	17.50	1.5	8
TM-21-92	390563	17.50	19.00	1.5	18
TM-21-92	390564	19.00	20.50	1.5	11
TM-21-92	390565	20.50	22.00	1.5	17
TM-21-92	390566	22.00	23.50	1.5	16
TM-21-92	390567	23.50	25.00	1.5	26
TM-21-92	390568	25.00	26.50	1.5	37
TM-21-92	390569	26.50	28.00	1.5	144
TM-21-92	390570	28.00	29.50	1.5	43
TM-21-92	390571	29.50	31.00	1.5	236
TM-21-92	390572	31.00	32.50	1.5	146
TM-21-92	390573	32.50	34.00	1.5	33
TM-21-92	390574	34.00	35.50	1.5	27
TM-21-92	390575	35.50	37.00	1.5	67
TM-21-92	390576	37.00	38.50	1.5	181
TM-21-92	390577	38.50	40.00	1.5	182
TM-21-92	390578	40.00	41.50	1.5	50

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-92	390579	41.50	43.00	1.5	76
TM-21-92	390581	43.00	44.50	1.5	68
TM-21-92	390582	44.50	46.00	1.5	90
TM-21-92	390583	46.00	47.50	1.5	39
TM-21-92	390584	47.50	49.00	1.5	55
TM-21-92	390585	49.00	50.50	1.5	53
TM-21-92	390586	50.50	52.00	1.5	678
TM-21-92	390587	52.00	53.50	1.5	1240
TM-21-92	390588	53.50	55.00	1.5	45
TM-21-92	390589	55.00	56.50	1.5	39
TM-21-92	390590	56.50	58.00	1.5	17
TM-21-92	390591	58.00	59.50	1.5	18
TM-21-92	390592	59.50	61.00	1.5	48
TM-21-92	390593	61.00	62.50	1.5	174
TM-21-92	390594	62.50	64.00	1.5	190
TM-21-92	390595	64.00	65.50	1.5	110
TM-21-92	390596	65.50	67.00	1.5	270
TM-21-92	390597	67.00	68.50	1.5	599
TM-21-92	390598	68.50	70.00	1.5	244
TM-21-92	390599	70.00	71.50	1.5	162
TM-21-92	390601	71.50	73.00	1.5	26
TM-21-92	390602	73.00	74.50	1.5	29
TM-21-92	390603	74.50	76.00	1.5	56
TM-21-92	390604	76.00	77.50	1.5	72
TM-21-92	390605	77.50	79.00	1.5	182
TM-21-92	390606	79.00	80.50	1.5	88
TM-21-92	390607	80.50	82.00	1.5	25
TM-21-92	390608	82.00	83.50	1.5	19
TM-21-92	390609	83.50	85.00	1.5	18
TM-21-92	390610	85.00	86.50	1.5	23
TM-21-92	390611	86.50	88.00	1.5	19
TM-21-92	390612	88.00	89.50	1.5	9
TM-21-92	390613	89.50	91.00	1.5	13
TM-21-92	390614	91.00	92.50	1.5	15
TM-21-92	390615	92.50	94.00	1.5	18
TM-21-92	390616	94.00	95.50	1.5	10
TM-21-92	390617	95.50	97.00	1.5	14
TM-21-92	390618	97.00	98.50	1.5	15
TM-21-92	390619	98.50	100.00	1.5	35
TM-21-92	390621	100.00	101.50	1.5	22
TM-21-92	390622	101.50	103.00	1.5	37
TM-21-92	390623	103.00	104.50	1.5	7
TM-21-92	390624	104.50	106.00	1.5	14
TM-21-92	390625	106.00	107.50	1.5	7
TM-21-92	390626	107.50	109.00	1.5	9
TM-21-92	390627	109.00	110.50	1.5	11

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-92	390628	110.50	112.00	1.5	12
TM-21-92	390629	112.00	113.50	1.5	14
TM-21-92	390630	113.50	115.00	1.5	11
TM-21-92	390631	115.00	116.50	1.5	13
TM-21-92	390632	116.50	118.00	1.5	17
TM-21-92	390633	118.00	119.50	1.5	12
TM-21-92	390634	119.50	121.00	1.5	17
TM-21-92	390635	121.00	122.50	1.5	13
TM-21-92	390636	122.50	124.00	1.5	8
TM-21-92	390637	124.00	125.50	1.5	12
TM-21-92	390638	125.50	127.00	1.5	13
TM-21-92	390639	127.00	128.50	1.5	9
TM-21-92	390641	128.50	130.00	1.5	18
TM-21-92	390642	130.00	131.50	1.5	17
TM-21-92	390643	131.50	133.00	1.5	7
TM-21-92	390644	133.00	134.50	1.5	10
TM-21-92	390645	134.50	136.00	1.5	10
TM-21-92	390646	136.00	137.50	1.5	11
TM-21-92	390647	137.50	139.00	1.5	14
TM-21-92	390648	139.00	140.50	1.5	19
TM-21-92	390649	140.50	142.00	1.5	19
TM-21-92	390650	142.00	143.50	1.5	30
TM-21-92	390651	143.50	145.00	1.5	13
TM-21-92	390652	145.00	146.50	1.5	15
TM-21-92	390653	146.50	148.00	1.5	12
TM-21-92	390654	148.00	149.50	1.5	12
TM-21-92	390655	149.50	151.00	1.5	13
TM-21-92	390656	151.00	152.50	1.5	8
TM-21-92	390657	152.50	154.00	1.5	10
TM-21-92	390658	154.00	155.50	1.5	10
TM-21-92	390659	155.50	157.00	1.5	10
TM-21-92	390661	157.00	158.50	1.5	12
TM-21-92	390662	158.50	160.00	1.5	20
TM-21-92	390663	160.00	161.50	1.5	20
TM-21-92	390664	161.50	163.00	1.5	10
TM-21-92	390665	163.00	164.50	1.5	9
TM-21-92	390666	164.50	166.00	1.5	10
TM-21-92	390667	166.00	167.50	1.5	12
TM-21-92	390668	167.50	169.00	1.5	10
TM-21-92	390669	169.00	170.50	1.5	12
TM-21-92	390670	170.50	172.00	1.5	8
TM-21-92	390671	172.00	173.50	1.5	7
TM-21-92	390672	173.50	175.00	1.5	8
TM-21-92	390673	175.00	176.50	1.5	12
TM-21-92	390674	176.50	178.00	1.5	12
TM-21-92	390675	178.00	179.50	1.5	13

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-92	390676	179.50	181.00	1.5	15
TM-21-92	390677	181.00	182.50	1.5	10
TM-21-92	390678	182.50	184.00	1.5	9
TM-21-92	390679	184.00	185.50	1.5	13
TM-21-92	390681	185.50	187.00	1.5	14
TM-21-92	390682	187.00	188.50	1.5	11
TM-21-92	390683	188.50	190.00	1.5	14
TM-21-92	390684	190.00	191.50	1.5	12
TM-21-92	390685	191.50	193.00	1.5	14
TM-21-92	390686	193.00	194.50	1.5	15
TM-21-92	390687	194.50	196.00	1.5	11
TM-21-92	390688	196.00	197.50	1.5	20
TM-21-92	390689	197.50	199.00	1.5	14
TM-21-92	390690	199.00	200.50	1.5	19
TM-21-92	390691	200.50	202.00	1.5	32
TM-21-92	390692	202.00	203.50	1.5	16
TM-21-92	390693	203.50	205.00	1.5	16
TM-21-92	390694	205.00	206.50	1.5	16
TM-21-92	390695	206.50	208.00	1.5	23
TM-21-92	390696	208.00	209.50	1.5	24
TM-21-92	390697	209.50	211.00	1.5	30
TM-21-92	390698	211.00	212.50	1.5	30
TM-21-92	390699	212.50	214.00	1.5	31
TM-21-92	390701	214.00	215.50	1.5	24
TM-21-92	390702	215.50	217.00	1.5	18
TM-21-92	390703	217.00	218.50	1.5	14
TM-21-92	390704	218.50	220.00	1.5	17
TM-21-92	390705	220.00	221.50	1.5	12
TM-21-92	390706	221.50	223.00	1.5	10
TM-21-92	390707	223.00	224.50	1.5	14
TM-21-92	390708	224.50	226.00	1.5	13
TM-21-92	390709	226.00	227.50	1.5	20
TM-21-92	390710	227.50	228.90	1.4	24
TM-21-93	390711	5.30	6.50	1.2	16
TM-21-93	390712	6.50	8.00	1.5	70
TM-21-93	390713	8.00	9.50	1.5	557
TM-21-93	390714	9.50	11.00	1.5	544
TM-21-93	390715	11.00	12.50	1.5	731
TM-21-93	390716	12.50	14.00	1.5	184
TM-21-93	390717	14.00	15.50	1.5	132
TM-21-93	390718	15.50	17.00	1.5	357
TM-21-93	390719	17.00	18.50	1.5	209
TM-21-93	390721	18.50	20.00	1.5	28
TM-21-93	390722	20.00	21.50	1.5	38
TM-21-93	390723	21.50	23.00	1.5	23
TM-21-93	390724	23.00	24.50	1.5	15

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-93	390725	24.50	26.00	1.5	23
TM-21-93	390726	26.00	27.50	1.5	40
TM-21-93	390727	27.50	29.00	1.5	29
TM-21-93	390728	29.00	30.50	1.5	25
TM-21-93	390729	30.50	32.00	1.5	39
TM-21-93	390730	32.00	33.50	1.5	186
TM-21-93	390731	33.50	35.00	1.5	277
TM-21-93	390732	35.00	36.50	1.5	133
TM-21-93	390733	36.50	38.00	1.5	179
TM-21-93	390734	38.00	39.50	1.5	133
TM-21-93	390735	39.50	41.00	1.5	153
TM-21-93	390736	41.00	42.50	1.5	316
TM-21-93	390737	42.50	44.00	1.5	399
TM-21-93	390738	44.00	45.50	1.5	381
TM-21-93	390739	45.50	47.00	1.5	624
TM-21-93	390741	47.00	48.50	1.5	464
TM-21-93	390742	48.50	50.00	1.5	494
TM-21-93	390743	50.00	51.50	1.5	296
TM-21-93	390744	51.50	53.00	1.5	451
TM-21-93	390745	53.00	54.50	1.5	302
TM-21-93	390746	54.50	56.00	1.5	186
TM-21-93	390747	56.00	57.50	1.5	187
TM-21-93	390748	57.50	59.00	1.5	121
TM-21-93	390749	59.00	60.50	1.5	80
TM-21-93	390750	60.50	62.00	1.5	54
TM-21-93	390751	62.00	63.50	1.5	116
TM-21-93	390752	63.50	65.00	1.5	115
TM-21-93	390753	65.00	66.50	1.5	161
TM-21-93	390754	66.50	68.00	1.5	79
TM-21-93	390755	68.00	69.50	1.5	134
TM-21-93	390756	69.50	71.00	1.5	152
TM-21-93	390757	71.00	72.50	1.5	193
TM-21-93	390758	72.50	74.00	1.5	265
TM-21-93	390759	74.00	75.50	1.5	110
TM-21-93	390761	75.50	77.00	1.5	177
TM-21-93	390762	77.00	78.50	1.5	634
TM-21-93	390763	78.50	80.00	1.5	340
TM-21-93	390764	80.00	81.50	1.5	121
TM-21-93	390765	81.50	83.00	1.5	99
TM-21-93	390766	83.00	84.50	1.5	68
TM-21-93	390767	84.50	86.00	1.5	111
TM-21-93	390768	86.00	87.50	1.5	193
TM-21-93	390769	87.50	89.00	1.5	207
TM-21-93	390770	89.00	90.50	1.5	88
TM-21-93	390771	90.50	92.00	1.5	61
TM-21-93	390772	92.00	93.50	1.5	108

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-93	390773	93.50	95.00	1.5	70
TM-21-93	390774	95.00	96.50	1.5	87
TM-21-93	390775	96.50	98.00	1.5	37
TM-21-93	390776	98.00	99.50	1.5	162
TM-21-93	390777	99.50	101.00	1.5	50
TM-21-93	390778	101.00	102.50	1.5	50
TM-21-93	390779	102.50	104.00	1.5	60
TM-21-93	390781	104.00	105.50	1.5	200
TM-21-93	390782	105.50	107.00	1.5	157
TM-21-93	390783	107.00	108.50	1.5	299
TM-21-93	390784	108.50	110.00	1.5	152
TM-21-93	390785	110.00	111.50	1.5	86
TM-21-93	390786	111.50	113.00	1.5	67
TM-21-93	390787	113.00	114.50	1.5	97
TM-21-93	390788	114.50	116.00	1.5	43
TM-21-93	390789	116.00	117.50	1.5	35
TM-21-93	390790	117.50	119.00	1.5	44
TM-21-93	390791	119.00	120.50	1.5	30
TM-21-93	390792	120.50	122.00	1.5	16
TM-21-93	390793	122.00	123.50	1.5	10
TM-21-93	390794	123.50	125.00	1.5	9
TM-21-93	390795	125.00	126.50	1.5	28
TM-21-93	390796	126.50	128.00	1.5	38
TM-21-93	390797	128.00	129.50	1.5	69
TM-21-93	390798	129.50	131.00	1.5	82
TM-21-93	390799	131.00	132.50	1.5	44
TM-21-93	390801	132.50	134.00	1.5	68
TM-21-93	390802	134.00	135.50	1.5	340
TM-21-93	390803	135.50	137.00	1.5	300
TM-21-93	390804	137.00	138.50	1.5	419
TM-21-93	390805	138.50	140.00	1.5	148
TM-21-93	390806	140.00	141.50	1.5	28
TM-21-93	390807	141.50	143.00	1.5	55
TM-21-93	390808	143.00	144.50	1.5	143
TM-21-93	390809	144.50	146.00	1.5	158
TM-21-93	390810	146.00	147.50	1.5	96
TM-21-93	390811	147.50	149.00	1.5	64
TM-21-93	390812	149.00	150.50	1.5	46
TM-21-93	390813	150.50	152.00	1.5	35
TM-21-93	390814	152.00	153.50	1.5	26
TM-21-93	390815	153.50	155.00	1.5	22
TM-21-93	390816	155.00	156.50	1.5	25
TM-21-93	390817	156.50	158.00	1.5	34
TM-21-93	390818	158.00	159.50	1.5	42
TM-21-93	390819	159.50	161.00	1.5	128
TM-21-93	390821	161.00	162.50	1.5	206

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-93	390822	162.50	164.00	1.5	267
TM-21-93	390823	164.00	165.50	1.5	58
TM-21-93	390824	165.50	167.00	1.5	72
TM-21-93	390825	167.00	168.50	1.5	40
TM-21-93	390826	168.50	170.00	1.5	45
TM-21-93	390827	170.00	171.50	1.5	44
TM-21-93	390828	171.50	173.00	1.5	68
TM-21-93	390829	173.00	174.50	1.5	51
TM-21-93	390830	174.50	176.00	1.5	68
TM-21-93	390831	176.00	177.50	1.5	76
TM-21-93	390832	177.50	179.00	1.5	29
TM-21-93	390833	179.00	180.50	1.5	24
TM-21-93	390834	180.50	182.00	1.5	45
TM-21-93	390835	182.00	183.50	1.5	38
TM-21-93	390836	183.50	185.00	1.5	78
TM-21-93	390837	185.00	186.50	1.5	65
TM-21-93	390838	186.50	188.00	1.5	52
TM-21-93	390839	188.00	189.50	1.5	65
TM-21-93	390841	189.50	191.00	1.5	46
TM-21-93	390842	191.00	192.50	1.5	127
TM-21-93	390843	192.50	194.00	1.5	310
TM-21-93	390844	194.00	195.50	1.5	56
TM-21-93	390845	195.50	197.00	1.5	12
TM-21-93	390846	197.00	198.50	1.5	27
TM-21-93	390847	198.50	200.00	1.5	58
TM-21-93	390848	200.00	201.50	1.5	44
TM-21-93	390849	201.50	203.00	1.5	19
TM-21-93	390850	203.00	204.50	1.5	54
TM-21-93	390851	204.50	206.00	1.5	139
TM-21-93	390852	206.00	207.50	1.5	86
TM-21-93	390853	207.50	209.00	1.5	123
TM-21-93	390854	209.00	210.50	1.5	89
TM-21-93	390855	210.50	212.00	1.5	63
TM-21-93	390856	212.00	213.50	1.5	71
TM-21-93	390857	213.50	215.00	1.5	68
TM-21-93	390858	215.00	216.50	1.5	48
TM-21-93	390859	216.50	218.00	1.5	19
TM-21-93	390861	218.00	219.50	1.5	50
TM-21-93	390862	219.50	221.00	1.5	37
TM-21-93	390863	221.00	222.50	1.5	41
TM-21-93	390864	222.50	224.00	1.5	38
TM-21-93	390865	224.00	225.50	1.5	25
TM-21-93	390866	225.50	227.00	1.5	60
TM-21-93	390867	227.00	228.50	1.5	18
TM-21-93	390868	228.50	230.00	1.5	46
TM-21-93	390869	230.00	231.50	1.5	14

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-93	390870	231.50	233.00	1.5	37
TM-21-93	390871	233.00	234.50	1.5	44
TM-21-93	390872	234.50	236.00	1.5	56
TM-21-93	390873	236.00	237.50	1.5	71
TM-21-93	390874	237.50	239.00	1.5	21
TM-21-93	390875	239.00	240.50	1.5	12
TM-21-93	390876	240.50	242.00	1.5	16
TM-21-93	390877	242.00	243.50	1.5	52
TM-21-93	390878	243.50	245.00	1.5	32
TM-21-93	390879	245.00	246.50	1.5	47
TM-21-93	390881	246.50	248.00	1.5	71
TM-21-93	390882	248.00	249.50	1.5	76
TM-21-93	390883	249.50	251.00	1.5	24
TM-21-93	390884	251.00	252.50	1.5	24
TM-21-93	390885	252.50	254.00	1.5	39
TM-21-93	390886	254.00	255.50	1.5	42
TM-21-93	390887	255.50	257.00	1.5	32
TM-21-93	390888	257.00	258.50	1.5	33
TM-21-93	390889	258.50	260.00	1.5	23
TM-21-93	390890	260.00	261.50	1.5	57
TM-21-93	390891	261.50	263.00	1.5	73
TM-21-93	390892	263.00	264.50	1.5	351
TM-21-93	390893	264.50	266.00	1.5	64
TM-21-93	390894	266.00	267.50	1.5	62
TM-21-93	390895	267.50	269.00	1.5	77
TM-21-93	390896	269.00	270.50	1.5	60
TM-21-93	390897	270.50	272.00	1.5	259
TM-21-93	390898	272.00	273.50	1.5	66
TM-21-93	390899	273.50	275.00	1.5	132
TM-21-93	390901	275.00	276.50	1.5	422
TM-21-93	390902	276.50	278.00	1.5	201
TM-21-93	390903	278.00	279.50	1.5	257
TM-21-93	390904	279.50	281.00	1.5	221
TM-21-93	390905	281.00	282.50	1.5	182
TM-21-93	390906	282.50	284.00	1.5	138
TM-21-93	390907	284.00	285.60	1.6	195
TM-21-94	390908	7.00	8.50	1.5	102
TM-21-94	390909	8.50	10.00	1.5	99
TM-21-94	390910	10.00	11.50	1.5	1330
TM-21-94	390911	11.50	13.00	1.5	3490
TM-21-94	390912	13.00	14.50	1.5	580
TM-21-94	390913	14.50	16.00	1.5	325
TM-21-94	390914	16.00	17.50	1.5	59900
TM-21-94	390915	17.50	19.00	1.5	707
TM-21-94	390916	19.00	20.50	1.5	417
TM-21-94	390917	20.50	22.00	1.5	1660

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-94	390918	22.00	23.50	1.5	941
TM-21-94	390919	23.50	25.00	1.5	227
TM-21-94	390921	25.00	26.50	1.5	229
TM-21-94	390922	26.50	28.00	1.5	183
TM-21-94	390923	28.00	29.50	1.5	168
TM-21-94	390924	29.50	31.00	1.5	172
TM-21-94	390925	31.00	32.50	1.5	250
TM-21-94	390926	32.50	34.00	1.5	12200
TM-21-94	390927	34.00	35.50	1.5	569
TM-21-94	390928	35.50	37.00	1.5	211
TM-21-94	390929	37.00	38.50	1.5	114
TM-21-94	390930	38.50	40.00	1.5	95
TM-21-94	390931	40.00	41.50	1.5	82
TM-21-94	390932	41.50	43.00	1.5	121
TM-21-94	390933	43.00	44.50	1.5	812
TM-21-94	390934	44.50	46.00	1.5	332
TM-21-94	390935	46.00	47.50	1.5	133
TM-21-94	390936	47.50	49.00	1.5	153
TM-21-94	390937	49.00	50.50	1.5	165
TM-21-94	390938	50.50	52.00	1.5	363
TM-21-94	390939	52.00	53.50	1.5	3360
TM-21-94	390941	53.50	55.00	1.5	609
TM-21-94	390942	55.00	56.50	1.5	116
TM-21-94	390943	56.50	58.00	1.5	50
TM-21-94	390944	58.00	59.50	1.5	49
TM-21-94	390945	59.50	61.00	1.5	413
TM-21-94	390946	61.00	62.50	1.5	163
TM-21-94	390947	62.50	64.00	1.5	401
TM-21-94	390948	64.00	65.50	1.5	452
TM-21-94	390949	65.50	67.00	1.5	348
TM-21-94	390950	67.00	68.50	1.5	95
TM-21-94	390951	68.50	70.00	1.5	59
TM-21-94	390952	70.00	71.50	1.5	60
TM-21-94	390953	71.50	73.00	1.5	174
TM-21-94	390954	73.00	74.50	1.5	142
TM-21-94	390955	74.50	76.00	1.5	57
TM-21-94	390956	76.00	77.50	1.5	35
TM-21-94	390957	77.50	79.00	1.5	726
TM-21-94	390958	79.00	80.50	1.5	81
TM-21-94	390959	80.50	82.00	1.5	892
TM-21-94	390961	82.00	83.50	1.5	194
TM-21-94	390962	83.50	85.00	1.5	407
TM-21-94	390963	85.00	86.50	1.5	120
TM-21-94	390964	86.50	88.00	1.5	27
TM-21-94	390965	88.00	89.50	1.5	42
TM-21-94	390966	89.50	91.00	1.5	71

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-94	390967	91.00	92.50	1.5	947
TM-21-94	390968	92.50	94.00	1.5	41
TM-21-94	390969	94.00	95.50	1.5	95
TM-21-94	390970	95.50	97.00	1.5	22
TM-21-94	390971	97.00	98.50	1.5	91
TM-21-94	390972	98.50	100.00	1.5	16
TM-21-94	390973	100.00	101.50	1.5	22
TM-21-94	390974	101.50	103.00	1.5	19
TM-21-94	390975	103.00	104.50	1.5	30
TM-21-94	390976	104.50	106.00	1.5	14
TM-21-94	390977	106.00	107.50	1.5	22
TM-21-94	390978	107.50	109.00	1.5	20
TM-21-94	390979	109.00	110.50	1.5	90
TM-21-94	390981	110.50	112.00	1.5	193
TM-21-94	390982	112.00	113.50	1.5	346
TM-21-94	390983	113.50	115.00	1.5	189
TM-21-94	390984	115.00	116.50	1.5	38
TM-21-94	390985	116.50	118.00	1.5	79
TM-21-94	390986	118.00	119.50	1.5	80
TM-21-94	390987	119.50	121.00	1.5	44
TM-21-94	390988	121.00	122.50	1.5	42
TM-21-94	390989	122.50	124.00	1.5	183
TM-21-94	390990	124.00	125.50	1.5	76
TM-21-94	390991	125.50	127.00	1.5	120
TM-21-94	390992	127.00	128.50	1.5	155
TM-21-94	390993	128.50	130.00	1.5	64
TM-21-94	390994	130.00	131.50	1.5	47
TM-21-94	390995	131.50	133.00	1.5	38
TM-21-94	390996	133.00	134.50	1.5	74
TM-21-94	390997	134.50	136.00	1.5	55
TM-21-94	390998	136.00	137.50	1.5	95
TM-21-94	390999	137.50	139.00	1.5	168
TM-21-94	393001	139.00	140.50	1.5	106
TM-21-94	393002	140.50	142.00	1.5	102
TM-21-94	393003	142.00	143.50	1.5	56
TM-21-94	393004	143.50	145.00	1.5	156
TM-21-94	393005	145.00	146.50	1.5	185
TM-21-94	393006	146.50	148.00	1.5	568
TM-21-94	393007	148.00	149.50	1.5	159
TM-21-94	393008	149.50	151.00	1.5	141
TM-21-94	393009	151.00	152.50	1.5	210
TM-21-94	393010	152.50	154.00	1.5	84
TM-21-94	393011	154.00	155.50	1.5	77
TM-21-94	393012	155.50	157.00	1.5	171
TM-21-94	393013	157.00	158.50	1.5	67
TM-21-94	393014	158.50	160.00	1.5	39

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-94	393015	160.00	161.50	1.5	101
TM-21-94	393016	161.50	163.00	1.5	129
TM-21-94	393017	163.00	164.50	1.5	302
TM-21-94	393018	164.50	166.00	1.5	154
TM-21-94	393019	166.00	167.50	1.5	179
TM-21-94	393021	167.50	169.00	1.5	58
TM-21-94	393022	169.00	170.50	1.5	111
TM-21-94	393023	170.50	172.00	1.5	166
TM-21-94	393024	172.00	173.50	1.5	126
TM-21-94	393025	173.50	175.00	1.5	102
TM-21-94	393026	175.00	176.50	1.5	43
TM-21-94	393027	176.50	178.00	1.5	157
TM-21-94	393028	178.00	179.50	1.5	116
TM-21-94	393029	179.50	181.00	1.5	84
TM-21-94	393030	181.00	182.50	1.5	48
TM-21-94	393031	182.50	184.00	1.5	82
TM-21-94	393032	184.00	185.50	1.5	48
TM-21-94	393033	185.50	187.00	1.5	32
TM-21-94	393034	187.00	188.50	1.5	128
TM-21-94	393035	188.50	190.00	1.5	34
TM-21-94	393036	190.00	191.50	1.5	58
TM-21-94	393037	191.50	193.00	1.5	58
TM-21-94	393038	193.00	194.50	1.5	158
TM-21-94	393039	194.50	196.00	1.5	173
TM-21-94	393041	196.00	197.50	1.5	211
TM-21-94	393042	197.50	199.00	1.5	155
TM-21-94	393043	199.00	200.50	1.5	226
TM-21-94	393044	200.50	202.00	1.5	220
TM-21-94	393045	202.00	203.50	1.5	54
TM-21-94	393046	203.50	205.00	1.5	207
TM-21-94	393047	205.00	206.50	1.5	100
TM-21-94	393048	206.50	208.00	1.5	86
TM-21-94	393049	208.00	209.50	1.5	106
TM-21-94	393050	209.50	211.00	1.5	44
TM-21-94	393051	211.00	212.50	1.5	167
TM-21-94	393052	212.50	214.00	1.5	103
TM-21-94	393053	214.00	215.50	1.5	105
TM-21-94	393054	215.50	217.00	1.5	63
TM-21-94	393055	217.00	218.50	1.5	74
TM-21-94	393056	218.50	220.00	1.5	65
TM-21-94	393057	220.00	221.50	1.5	119
TM-21-94	393058	221.50	223.00	1.5	209
TM-21-94	393059	223.00	224.50	1.5	550
TM-21-94	393061	224.50	226.00	1.5	109
TM-21-94	393062	226.00	227.50	1.5	82
TM-21-94	393063	227.50	229.00	1.5	174

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-94	393064	229.00	230.50	1.5	58
TM-21-94	393065	230.50	232.00	1.5	50
TM-21-94	393066	232.00	233.50	1.5	27
TM-21-94	393067	233.50	235.00	1.5	23
TM-21-94	393068	235.00	236.50	1.5	67
TM-21-94	393069	236.50	238.00	1.5	77
TM-21-94	393070	238.00	239.50	1.5	55
TM-21-94	393071	239.50	241.00	1.5	100
TM-21-94	393072	241.00	242.50	1.5	29
TM-21-94	393073	242.50	244.00	1.5	78
TM-21-94	393074	244.00	245.50	1.5	72
TM-21-94	393075	245.50	247.00	1.5	120
TM-21-94	393076	247.00	248.50	1.5	92
TM-21-94	393077	248.50	250.00	1.5	56
TM-21-94	393078	250.00	251.50	1.5	30
TM-21-94	393079	251.50	253.00	1.5	27
TM-21-94	393081	253.00	254.50	1.5	25
TM-21-94	393082	254.50	256.00	1.5	30
TM-21-94	393083	256.00	257.50	1.5	31
TM-21-94	393084	257.50	259.00	1.5	54
TM-21-94	393085	259.00	260.50	1.5	148
TM-21-94	393086	260.50	262.00	1.5	161
TM-21-94	393087	262.00	263.50	1.5	278
TM-21-94	393088	263.50	265.00	1.5	156
TM-21-94	393089	265.00	266.50	1.5	257
TM-21-94	393090	266.50	268.00	1.5	206
TM-21-94	393091	268.00	269.50	1.5	76
TM-21-94	393092	269.50	271.00	1.5	78
TM-21-94	393093	271.00	272.50	1.5	44
TM-21-94	393094	272.50	274.00	1.5	52
TM-21-94	393095	274.00	275.27	1.27	50
TM-21-95	393096	4.50	6.00	1.5	34
TM-21-95	393097	6.00	7.50	1.5	50
TM-21-95	393098	7.50	9.00	1.5	41
TM-21-95	393099	9.00	10.50	1.5	114
TM-21-95	393101	10.50	12.00	1.5	279
TM-21-95	393102	12.00	13.50	1.5	146
TM-21-95	393103	13.50	15.00	1.5	154
TM-21-95	393104	15.00	16.50	1.5	112
TM-21-95	393105	16.50	18.00	1.5	56
TM-21-95	393106	18.00	19.50	1.5	182
TM-21-95	393107	19.50	21.00	1.5	139
TM-21-95	393108	21.00	22.50	1.5	624
TM-21-95	393109	22.50	24.00	1.5	220
TM-21-95	393110	24.00	25.50	1.5	614
TM-21-95	393111	25.50	27.00	1.5	316

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-95	393112	27.00	28.50	1.5	251
TM-21-95	393113	28.50	30.00	1.5	592
TM-21-95	393114	30.00	31.50	1.5	669
TM-21-95	393115	31.50	33.00	1.5	84
TM-21-95	393116	33.00	34.50	1.5	137
TM-21-95	393117	34.50	36.00	1.5	535
TM-21-95	393118	36.00	37.50	1.5	469
TM-21-95	393119	37.50	39.00	1.5	799
TM-21-95	393121	39.00	40.50	1.5	225
TM-21-95	393122	40.50	42.00	1.5	94
TM-21-95	393123	42.00	43.50	1.5	152
TM-21-95	393124	43.50	45.00	1.5	241
TM-21-95	393125	45.00	46.50	1.5	130
TM-21-95	393126	46.50	48.00	1.5	98
TM-21-95	393127	48.00	49.50	1.5	136
TM-21-95	393128	49.50	51.00	1.5	234
TM-21-95	393129	51.00	52.50	1.5	55
TM-21-95	393130	52.50	54.00	1.5	75
TM-21-95	393131	54.00	55.50	1.5	79
TM-21-95	393132	55.50	57.00	1.5	63
TM-21-95	393133	57.00	58.50	1.5	53
TM-21-95	393134	58.50	60.00	1.5	65
TM-21-95	393135	60.00	61.50	1.5	41
TM-21-95	393136	61.50	63.00	1.5	29
TM-21-95	393137	63.00	64.50	1.5	27
TM-21-95	393138	64.50	66.00	1.5	69
TM-21-95	393139	66.00	67.50	1.5	44
TM-21-95	393141	67.50	69.00	1.5	52
TM-21-95	393142	69.00	70.50	1.5	36
TM-21-95	393143	70.50	72.00	1.5	58
TM-21-95	393144	72.00	73.50	1.5	53
TM-21-95	393145	73.50	75.00	1.5	91
TM-21-95	393146	75.00	76.50	1.5	136
TM-21-95	393147	76.50	78.00	1.5	678
TM-21-95	393148	78.00	79.50	1.5	149
TM-21-95	393149	79.50	81.00	1.5	305
TM-21-95	393150	81.00	82.50	1.5	161
TM-21-95	393151	82.50	84.00	1.5	59
TM-21-95	393152	84.00	85.50	1.5	51
TM-21-95	393153	85.50	87.00	1.5	46
TM-21-95	393154	87.00	88.50	1.5	28
TM-21-95	393155	88.50	90.00	1.5	23
TM-21-95	393156	90.00	91.50	1.5	14
TM-21-95	393157	91.50	93.00	1.5	12
TM-21-95	393158	93.00	94.50	1.5	13
TM-21-95	393159	94.50	96.00	1.5	22

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-95	393161	96.00	97.50	1.5	15
TM-21-95	393162	97.50	99.00	1.5	19
TM-21-95	393163	99.00	100.50	1.5	19
TM-21-95	393164	100.50	102.00	1.5	13
TM-21-95	393165	102.00	103.50	1.5	20
TM-21-95	393166	103.50	105.00	1.5	28
TM-21-95	393167	105.00	106.50	1.5	14
TM-21-95	393168	106.50	108.00	1.5	19
TM-21-95	393169	108.00	109.50	1.5	45
TM-21-95	393170	109.50	111.00	1.5	162
TM-21-95	393171	111.00	112.50	1.5	23
TM-21-95	393172	112.50	114.00	1.5	1100
TM-21-95	393173	114.00	115.50	1.5	225
TM-21-95	393174	115.50	117.00	1.5	385
TM-21-95	393175	117.00	118.50	1.5	1190
TM-21-95	393176	118.50	120.00	1.5	1800
TM-21-95	393177	120.00	121.50	1.5	494
TM-21-95	393178	121.50	123.00	1.5	436
TM-21-95	393179	123.00	124.50	1.5	866
TM-21-95	393181	124.50	126.00	1.5	455
TM-21-95	393182	126.00	127.50	1.5	430
TM-21-95	393183	127.50	129.00	1.5	451
TM-21-95	393184	129.00	130.50	1.5	846
TM-21-95	393185	130.50	132.00	1.5	1540
TM-21-95	393186	132.00	133.50	1.5	127
TM-21-95	393187	133.50	135.00	1.5	207
TM-21-95	393188	135.00	136.50	1.5	115
TM-21-95	393189	136.50	138.00	1.5	338
TM-21-95	393190	138.00	139.50	1.5	273
TM-21-95	393191	139.50	141.00	1.5	107
TM-21-95	393192	141.00	142.50	1.5	167
TM-21-95	393193	142.50	144.00	1.5	1750
TM-21-95	393194	144.00	145.50	1.5	394
TM-21-95	393195	145.50	147.00	1.5	335
TM-21-95	393196	147.00	148.50	1.5	747
TM-21-95	393197	148.50	150.00	1.5	415
TM-21-95	393198	150.00	151.50	1.5	255
TM-21-95	393199	151.50	153.00	1.5	443
TM-21-95	393201	153.00	154.50	1.5	578
TM-21-95	393202	154.50	156.00	1.5	126
TM-21-95	393203	156.00	157.50	1.5	297
TM-21-95	393204	157.50	159.00	1.5	444
TM-21-95	393205	159.00	160.50	1.5	468
TM-21-95	393206	160.50	162.00	1.5	345
TM-21-95	393207	162.00	163.50	1.5	274
TM-21-95	393208	163.50	165.00	1.5	649

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-95	393209	165.00	166.50	1.5	588
TM-21-95	393210	166.50	168.00	1.5	249
TM-21-95	393211	168.00	169.50	1.5	175
TM-21-95	393212	169.50	171.00	1.5	219
TM-21-95	393213	171.00	172.50	1.5	332
TM-21-95	393214	172.50	174.00	1.5	246
TM-21-95	393215	174.00	175.50	1.5	92
TM-21-95	393216	175.50	177.00	1.5	48
TM-21-95	393217	177.00	178.50	1.5	50
TM-21-95	393218	178.50	180.00	1.5	55
TM-21-95	393219	180.00	181.50	1.5	114
TM-21-95	393221	181.50	183.00	1.5	46
TM-21-95	393222	183.00	184.50	1.5	67
TM-21-95	393223	184.50	186.00	1.5	42
TM-21-95	393224	186.00	187.50	1.5	20
TM-21-95	393225	187.50	189.00	1.5	34
TM-21-95	393226	189.00	190.50	1.5	92
TM-21-95	393227	190.50	192.00	1.5	55
TM-21-95	393228	192.00	193.50	1.5	44
TM-21-95	393229	193.50	195.00	1.5	19
TM-21-95	393230	195.00	196.50	1.5	14
TM-21-95	393231	196.50	198.00	1.5	13
TM-21-95	393232	198.00	199.50	1.5	34
TM-21-95	393233	199.50	201.00	1.5	155
TM-21-95	393234	201.00	202.50	1.5	110
TM-21-95	393235	202.50	204.00	1.5	110
TM-21-95	393236	204.00	205.50	1.5	49
TM-21-95	393237	205.50	207.00	1.5	170
TM-21-95	393238	207.00	208.50	1.5	1600
TM-21-95	393239	208.50	210.00	1.5	16
TM-21-95	393241	210.00	211.50	1.5	115
TM-21-95	393242	211.50	213.00	1.5	418
TM-21-95	393243	213.00	214.50	1.5	91
TM-21-95	393244	214.50	216.00	1.5	37
TM-21-95	393245	216.00	217.50	1.5	18
TM-21-95	393246	217.50	219.00	1.5	11
TM-21-95	393247	219.00	220.50	1.5	12
TM-21-95	393248	220.50	222.00	1.5	10
TM-21-95	393249	222.00	223.50	1.5	19
TM-21-95	393250	223.50	225.00	1.5	29
TM-21-95	393251	225.00	226.50	1.5	23
TM-21-95	393252	226.50	228.00	1.5	16
TM-21-95	393253	228.00	229.50	1.5	2.5
TM-21-95	393254	229.50	231.00	1.5	12
TM-21-95	393255	231.00	232.50	1.5	13
TM-21-95	393256	232.50	234.00	1.5	12

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-95	393257	234.00	235.50	1.5	5
TM-21-95	393258	235.50	237.00	1.5	20
TM-21-95	393259	237.00	238.50	1.5	12
TM-21-95	393261	238.50	240.00	1.5	15
TM-21-95	393262	240.00	241.50	1.5	20
TM-21-95	393263	241.50	243.00	1.5	12
TM-21-95	393264	243.00	244.50	1.5	10
TM-21-95	393265	244.50	246.00	1.5	42
TM-21-95	393266	246.00	247.50	1.5	16
TM-21-95	393267	247.50	249.00	1.5	10
TM-21-95	393268	249.00	250.50	1.5	63
TM-21-95	393269	250.50	252.00	1.5	12
TM-21-95	393270	252.00	253.50	1.5	48
TM-21-95	393271	253.50	255.00	1.5	30
TM-21-95	393272	255.00	256.50	1.5	20
TM-21-95	393273	256.50	258.00	1.5	15
TM-21-95	393274	258.00	259.50	1.5	51
TM-21-95	393275	259.50	261.00	1.5	35
TM-21-95	393276	261.00	262.50	1.5	14
TM-21-95	393277	262.50	264.00	1.5	39
TM-21-95	393278	264.00	265.50	1.5	27
TM-21-95	393279	265.50	267.00	1.5	20
TM-21-95	393281	267.00	268.50	1.5	13
TM-21-95	393282	268.50	270.00	1.5	18
TM-21-95	393283	270.00	271.50	1.5	168
TM-21-95	393284	271.50	273.00	1.5	29
TM-21-95	393285	273.00	274.91	1.91	20
TM-21-96	393286	8.00	9.50	1.5	81
TM-21-96	393287	9.50	11.00	1.5	73
TM-21-96	393288	11.00	12.50	1.5	122
TM-21-96	393289	12.50	14.00	1.5	82
TM-21-96	393290	14.00	15.50	1.5	44
TM-21-96	393291	15.50	17.00	1.5	48
TM-21-96	393292	17.00	18.50	1.5	160
TM-21-96	393293	18.50	20.00	1.5	143
TM-21-96	393294	20.00	21.50	1.5	85
TM-21-96	393295	21.50	23.00	1.5	260
TM-21-96	393296	23.00	24.50	1.5	166
TM-21-96	393297	24.50	26.00	1.5	112
TM-21-96	393298	26.00	27.50	1.5	65
TM-21-96	393299	27.50	29.00	1.5	42
TM-21-96	393301	29.00	30.50	1.5	33
TM-21-96	393302	30.50	32.00	1.5	91
TM-21-96	393303	32.00	33.50	1.5	111
TM-21-96	393304	33.50	35.00	1.5	90
TM-21-96	393305	35.00	36.50	1.5	158

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-96	393306	36.50	38.00	1.5	81
TM-21-96	393307	38.00	39.50	1.5	136
TM-21-96	393308	39.50	41.00	1.5	88
TM-21-96	393309	41.00	42.50	1.5	133
TM-21-96	393310	42.50	44.00	1.5	210
TM-21-96	393311	44.00	45.50	1.5	102
TM-21-96	393312	45.50	47.00	1.5	143
TM-21-96	393313	47.00	48.50	1.5	228
TM-21-96	393314	48.50	50.00	1.5	187
TM-21-96	393315	50.00	51.50	1.5	129
TM-21-96	393316	51.50	53.00	1.5	160
TM-21-96	393317	53.00	54.50	1.5	99
TM-21-96	393318	54.50	56.00	1.5	161
TM-21-96	393319	56.00	57.50	1.5	165
TM-21-96	393321	57.50	59.00	1.5	196
TM-21-96	393322	59.00	60.50	1.5	99
TM-21-96	393323	60.50	62.00	1.5	96
TM-21-96	393324	62.00	63.50	1.5	219
TM-21-96	393325	63.50	65.00	1.5	110
TM-21-96	393326	65.00	66.50	1.5	91
TM-21-96	393327	66.50	68.00	1.5	93
TM-21-96	393328	68.00	69.50	1.5	159
TM-21-96	393329	69.50	71.00	1.5	484
TM-21-96	393330	71.00	72.50	1.5	97
TM-21-96	393331	72.50	74.00	1.5	158
TM-21-96	393332	74.00	75.50	1.5	199
TM-21-96	393333	75.50	77.00	1.5	95
TM-21-96	393334	77.00	78.50	1.5	172
TM-21-96	393335	78.50	80.00	1.5	269
TM-21-96	393336	80.00	81.50	1.5	271
TM-21-96	393337	81.50	83.00	1.5	277
TM-21-96	393338	83.00	84.50	1.5	133
TM-21-96	393339	84.50	86.00	1.5	195
TM-21-96	393341	86.00	87.50	1.5	103
TM-21-96	393342	87.50	89.00	1.5	162
TM-21-96	393343	89.00	90.50	1.5	204
TM-21-96	393344	90.50	92.00	1.5	121
TM-21-96	393345	92.00	93.50	1.5	158
TM-21-96	393346	93.50	95.00	1.5	93
TM-21-96	393347	95.00	96.50	1.5	83
TM-21-96	393348	96.50	98.00	1.5	111
TM-21-96	393349	98.00	99.50	1.5	116
TM-21-96	393350	99.50	101.00	1.5	64
TM-21-96	393351	101.00	102.50	1.5	108
TM-21-96	393352	102.50	104.00	1.5	126
TM-21-96	393353	104.00	105.50	1.5	370

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-96	393354	105.50	107.00	1.5	105
TM-21-96	393355	107.00	108.50	1.5	194
TM-21-96	393356	108.50	110.00	1.5	98
TM-21-96	393357	110.00	111.50	1.5	141
TM-21-96	393358	111.50	113.00	1.5	265
TM-21-96	393359	113.00	114.50	1.5	649
TM-21-96	393361	114.50	116.00	1.5	42
TM-21-96	393362	116.00	117.50	1.5	85
TM-21-96	393363	117.50	119.00	1.5	86
TM-21-96	393364	119.00	120.50	1.5	60
TM-21-96	393365	120.50	122.00	1.5	68
TM-21-96	393366	122.00	123.50	1.5	47
TM-21-96	393367	123.50	125.00	1.5	126
TM-21-96	393368	125.00	126.50	1.5	133
TM-21-96	393369	126.50	128.00	1.5	365
TM-21-96	393370	128.00	129.50	1.5	260
TM-21-96	393371	129.50	131.00	1.5	216
TM-21-96	393372	131.00	132.50	1.5	71
TM-21-96	393373	132.50	134.00	1.5	24
TM-21-96	393374	134.00	135.50	1.5	56
TM-21-96	393375	135.50	137.00	1.5	36
TM-21-96	393376	137.00	138.50	1.5	29
TM-21-96	393377	138.50	140.00	1.5	44
TM-21-96	393378	140.00	141.50	1.5	92
TM-21-96	393379	141.50	143.00	1.5	34
TM-21-96	393381	143.00	144.50	1.5	63
TM-21-96	393382	144.50	146.00	1.5	34
TM-21-96	393383	146.00	147.50	1.5	35
TM-21-96	393384	147.50	149.00	1.5	65
TM-21-96	393385	149.00	150.50	1.5	62
TM-21-96	393386	150.50	152.00	1.5	84
TM-21-96	393387	152.00	153.50	1.5	62
TM-21-96	393388	153.50	155.00	1.5	117
TM-21-96	393389	155.00	156.50	1.5	251
TM-21-96	393390	156.50	158.00	1.5	52
TM-21-96	393391	158.00	159.50	1.5	50
TM-21-96	393392	159.50	161.00	1.5	51
TM-21-96	393393	161.00	162.50	1.5	296
TM-21-96	393394	162.50	164.00	1.5	70
TM-21-96	393395	164.00	165.50	1.5	55
TM-21-96	393396	165.50	167.00	1.5	89
TM-21-96	393397	167.00	168.50	1.5	38
TM-21-96	393398	168.50	170.00	1.5	150
TM-21-96	393399	170.00	171.50	1.5	59
TM-21-96	393401	171.50	173.00	1.5	91
TM-21-96	393402	173.00	174.50	1.5	98

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-96	393403	174.50	176.00	1.5	51
TM-21-96	393404	176.00	177.50	1.5	42
TM-21-96	393405	177.50	179.00	1.5	22
TM-21-96	393406	179.00	180.50	1.5	39
TM-21-96	393407	180.50	182.00	1.5	52
TM-21-96	393408	182.00	183.50	1.5	23
TM-21-96	393409	183.50	185.00	1.5	62
TM-21-96	393410	185.00	186.50	1.5	21
TM-21-96	393411	186.50	188.00	1.5	59
TM-21-96	393412	188.00	189.50	1.5	58
TM-21-96	393413	189.50	191.00	1.5	22
TM-21-96	393414	191.00	192.50	1.5	29
TM-21-96	393415	192.50	194.00	1.5	33
TM-21-96	393416	194.00	195.50	1.5	19
TM-21-96	393417	195.50	197.00	1.5	56
TM-21-96	393418	197.00	198.50	1.5	15
TM-21-96	393419	198.50	200.00	1.5	13
TM-21-96	393421	200.00	201.50	1.5	14
TM-21-96	393422	201.50	203.00	1.5	20
TM-21-96	393423	203.00	204.50	1.5	10
TM-21-96	393424	204.50	206.00	1.5	9
TM-21-96	393425	206.00	207.50	1.5	9
TM-21-96	393426	207.50	209.00	1.5	2.5
TM-21-96	393427	209.00	210.50	1.5	6
TM-21-96	393428	210.50	212.00	1.5	2.5
TM-21-96	393429	212.00	213.50	1.5	2.5
TM-21-96	393430	213.50	215.00	1.5	25
TM-21-96	393431	215.00	216.50	1.5	14
TM-21-96	393432	216.50	218.00	1.5	19
TM-21-96	393433	218.00	219.50	1.5	8
TM-21-96	393434	219.50	221.00	1.5	6
TM-21-96	393435	221.00	222.50	1.5	15
TM-21-96	393436	222.50	224.00	1.5	17
TM-21-96	393437	224.00	225.50	1.5	40
TM-21-96	393438	225.50	227.00	1.5	42
TM-21-96	393439	227.00	228.50	1.5	13
TM-21-96	393441	228.50	230.00	1.5	20
TM-21-96	393442	230.00	231.50	1.5	9
TM-21-96	393443	231.50	233.00	1.5	8
TM-21-96	393444	233.00	234.50	1.5	9
TM-21-96	393445	234.50	236.00	1.5	8
TM-21-96	393446	236.00	237.50	1.5	45
TM-21-96	393447	237.50	239.00	1.5	9
TM-21-96	393448	239.00	240.50	1.5	8
TM-21-96	393449	240.50	242.00	1.5	13
TM-21-96	393450	242.00	243.50	1.5	7

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-96	393451	243.50	245.00	1.5	179
TM-21-96	393452	245.00	246.50	1.5	225
TM-21-96	393453	246.50	248.00	1.5	18
TM-21-96	393454	248.00	249.50	1.5	8
TM-21-96	393455	249.50	251.00	1.5	8
TM-21-96	393456	251.00	252.50	1.5	12
TM-21-96	393457	252.50	254.00	1.5	119
TM-21-96	393458	254.00	255.50	1.5	36
TM-21-96	393459	255.50	256.32	0.82	9
TM-21-97	393461	4.00	5.50	1.5	31
TM-21-97	393462	5.50	7.00	1.5	20
TM-21-97	393463	7.00	8.50	1.5	57
TM-21-97	393464	8.50	10.00	1.5	335
TM-21-97	393465	10.00	11.50	1.5	56
TM-21-97	393466	11.50	13.00	1.5	30
TM-21-97	393467	13.00	14.50	1.5	20
TM-21-97	393468	14.50	16.00	1.5	33
TM-21-97	393469	16.00	17.50	1.5	161
TM-21-97	393470	17.50	19.00	1.5	268
TM-21-97	393471	19.00	20.50	1.5	275
TM-21-97	393472	20.50	22.00	1.5	141
TM-21-97	393473	22.00	23.50	1.5	40
TM-21-97	393474	23.50	25.00	1.5	84
TM-21-97	393475	25.00	26.50	1.5	40
TM-21-97	393476	26.50	28.00	1.5	336
TM-21-97	393477	28.00	29.50	1.5	25
TM-21-97	393478	29.50	31.00	1.5	12
TM-21-97	393479	31.00	32.50	1.5	14
TM-21-97	393481	32.50	34.00	1.5	14
TM-21-97	393482	34.00	35.50	1.5	9
TM-21-97	393483	35.50	37.00	1.5	14
TM-21-97	393484	37.00	38.50	1.5	13
TM-21-97	393485	38.50	40.00	1.5	20
TM-21-97	393486	40.00	41.50	1.5	22
TM-21-97	393487	41.50	43.00	1.5	8
TM-21-97	393488	43.00	44.50	1.5	8
TM-21-97	393489	44.50	46.00	1.5	10
TM-21-97	393490	46.00	47.50	1.5	9
TM-21-97	393491	47.50	49.00	1.5	7
TM-21-97	393492	49.00	50.50	1.5	8
TM-21-97	393493	50.50	52.00	1.5	21
TM-21-97	393494	52.00	53.50	1.5	16
TM-21-97	393495	53.50	55.00	1.5	27
TM-21-97	393496	55.00	56.50	1.5	15
TM-21-97	393497	56.50	58.00	1.5	66
TM-21-97	393498	58.00	59.50	1.5	15

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-97	393499	59.50	61.00	1.5	10
TM-21-97	393501	61.00	62.50	1.5	9
TM-21-97	393502	62.50	64.00	1.5	13
TM-21-97	393503	64.00	65.50	1.5	13
TM-21-97	393504	65.50	67.00	1.5	24
TM-21-97	393505	67.00	68.50	1.5	31
TM-21-97	393506	68.50	70.00	1.5	7
TM-21-97	393507	70.00	71.50	1.5	12
TM-21-97	393508	71.50	73.00	1.5	12
TM-21-97	393509	73.00	74.50	1.5	10
TM-21-97	393510	74.50	76.00	1.5	19
TM-21-97	393511	76.00	77.50	1.5	815
TM-21-97	393512	77.50	79.00	1.5	188
TM-21-97	393513	79.00	80.50	1.5	18
TM-21-97	393514	80.50	82.00	1.5	15
TM-21-97	393515	82.00	83.50	1.5	92
TM-21-97	393516	83.50	85.00	1.5	66
TM-21-97	393517	85.00	86.50	1.5	63
TM-21-97	393518	86.50	88.00	1.5	36
TM-21-97	393519	88.00	89.50	1.5	92
TM-21-97	393521	89.50	91.00	1.5	36
TM-21-97	393522	91.00	92.50	1.5	8
TM-21-97	393523	92.50	94.00	1.5	12
TM-21-97	393524	94.00	95.50	1.5	106
TM-21-97	393525	95.50	97.00	1.5	211
TM-21-97	393526	97.00	98.50	1.5	118
TM-21-97	393527	98.50	100.00	1.5	236
TM-21-97	393528	100.00	101.50	1.5	214
TM-21-97	393529	101.50	103.00	1.5	200
TM-21-97	393530	103.00	104.50	1.5	313
TM-21-97	393531	104.50	106.00	1.5	159
TM-21-97	393532	106.00	107.50	1.5	716
TM-21-97	393533	107.50	109.00	1.5	480
TM-21-97	393534	109.00	110.50	1.5	156
TM-21-97	393535	110.50	112.00	1.5	474
TM-21-97	393536	112.00	113.50	1.5	281
TM-21-97	393537	113.50	115.00	1.5	594
TM-21-97	393538	115.00	116.50	1.5	490
TM-21-97	393539	116.50	118.00	1.5	351
TM-21-97	393541	118.00	119.50	1.5	444
TM-21-97	393542	119.50	121.00	1.5	214
TM-21-97	393543	121.00	122.50	1.5	111
TM-21-97	393544	122.50	124.00	1.5	16
TM-21-97	393545	124.00	125.50	1.5	190
TM-21-97	393546	125.50	127.00	1.5	285
TM-21-97	393547	127.00	128.50	1.5	951

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-97	393548	128.50	130.00	1.5	329
TM-21-97	393549	130.00	131.50	1.5	152
TM-21-97	393550	131.50	133.00	1.5	112
TM-21-97	393551	133.00	134.50	1.5	99
TM-21-97	393552	134.50	136.00	1.5	116
TM-21-97	393553	136.00	137.50	1.5	528
TM-21-97	393554	137.50	139.00	1.5	394
TM-21-97	393555	139.00	140.50	1.5	125
TM-21-97	393556	140.50	142.00	1.5	2.5
TM-21-97	393557	142.00	143.50	1.5	1050
TM-21-97	393558	143.50	145.00	1.5	504
TM-21-97	393559	145.00	146.50	1.5	287
TM-21-97	393561	146.50	148.00	1.5	382
TM-21-97	393562	148.00	149.50	1.5	65
TM-21-97	393563	149.50	151.00	1.5	77
TM-21-97	393564	151.00	152.50	1.5	280
TM-21-97	393565	152.50	154.00	1.5	67
TM-21-97	393566	154.00	155.50	1.5	180
TM-21-97	393567	155.50	157.00	1.5	43
TM-21-97	393568	157.00	158.50	1.5	112
TM-21-97	393569	158.50	160.00	1.5	115
TM-21-97	393570	160.00	161.50	1.5	42
TM-21-97	393571	161.50	163.00	1.5	16
TM-21-97	393572	163.00	164.50	1.5	10
TM-21-97	393573	164.50	166.00	1.5	79
TM-21-97	393574	166.00	167.50	1.5	24
TM-21-97	393575	167.50	169.00	1.5	11
TM-21-97	393576	169.00	170.50	1.5	56
TM-21-97	393577	170.50	172.00	1.5	9
TM-21-97	393578	172.00	173.50	1.5	10
TM-21-97	393579	173.50	175.00	1.5	100
TM-21-97	393581	175.00	176.50	1.5	145
TM-21-97	393582	176.50	178.00	1.5	32
TM-21-97	393583	178.00	179.50	1.5	11
TM-21-97	393584	179.50	181.00	1.5	15
TM-21-97	393585	181.00	182.50	1.5	13
TM-21-97	393586	182.50	184.00	1.5	8
TM-21-97	393587	184.00	185.50	1.5	8
TM-21-97	393588	185.50	187.00	1.5	2.5
TM-21-97	393589	187.00	188.50	1.5	9
TM-21-97	393590	188.50	190.00	1.5	13
TM-21-97	393591	190.00	191.50	1.5	17
TM-21-97	393592	191.50	193.00	1.5	19
TM-21-97	393593	193.00	194.50	1.5	25
TM-21-97	393594	194.50	196.00	1.5	41
TM-21-97	393595	196.00	197.50	1.5	62

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-97	393596	197.50	199.00	1.5	86
TM-21-97	393597	199.00	200.50	1.5	76
TM-21-97	393598	200.50	202.00	1.5	17
TM-21-97	393599	202.00	203.50	1.5	66
TM-21-97	393601	203.50	205.00	1.5	64
TM-21-97	393602	205.00	206.50	1.5	28
TM-21-97	393603	206.50	208.00	1.5	74
TM-21-97	393604	208.00	209.50	1.5	179
TM-21-97	393605	209.50	211.00	1.5	82
TM-21-97	393606	211.00	212.50	1.5	101
TM-21-97	393607	212.50	214.00	1.5	179
TM-21-97	393608	214.00	215.50	1.5	51
TM-21-97	393609	215.50	217.00	1.5	46
TM-21-97	393610	217.00	218.50	1.5	51
TM-21-97	393611	218.50	220.00	1.5	96
TM-21-97	393612	220.00	221.50	1.5	112
TM-21-97	393613	221.50	223.00	1.5	168
TM-21-97	393614	223.00	224.50	1.5	197
TM-21-97	393615	224.50	226.00	1.5	346
TM-21-97	393616	226.00	227.50	1.5	486
TM-21-97	393617	227.50	229.00	1.5	68
TM-21-97	393618	229.00	230.50	1.5	87
TM-21-97	393619	230.50	232.00	1.5	340
TM-21-97	393621	232.00	233.50	1.5	200
TM-21-97	393622	233.50	235.00	1.5	121
TM-21-97	393623	235.00	236.50	1.5	148
TM-21-97	393624	236.50	238.00	1.5	884
TM-21-97	393625	238.00	239.50	1.5	185
TM-21-97	393626	239.50	241.00	1.5	253
TM-21-97	393627	241.00	242.50	1.5	194
TM-21-97	393628	242.50	244.00	1.5	297
TM-21-97	393629	244.00	245.50	1.5	458
TM-21-97	393630	245.50	247.00	1.5	956
TM-21-97	393631	247.00	248.50	1.5	426
TM-21-97	393632	248.50	250.00	1.5	1410
TM-21-97	393633	250.00	251.50	1.5	821
TM-21-97	393634	251.50	253.00	1.5	656
TM-21-97	393635	253.00	254.50	1.5	1040
TM-21-97	393636	254.50	256.00	1.5	506
TM-21-97	393637	256.00	257.50	1.5	580
TM-21-97	393638	257.50	259.00	1.5	439
TM-21-97	393639	259.00	260.50	1.5	1750
TM-21-97	393641	260.50	262.00	1.5	2160
TM-21-97	393642	262.00	263.50	1.5	254
TM-21-97	393643	263.50	265.00	1.5	378
TM-21-97	393644	265.00	266.50	1.5	434

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-97	393645	266.50	268.00	1.5	354
TM-21-97	393646	268.00	269.50	1.5	85
TM-21-97	393647	269.50	271.00	1.5	18
TM-21-97	393648	271.00	272.50	1.5	114
TM-21-97	393649	272.50	274.00	1.5	125
TM-21-97	393650	274.00	275.50	1.5	23
TM-21-97	393651	275.50	277.00	1.5	281
TM-21-97	393652	277.00	278.50	1.5	69
TM-21-97	393653	278.50	280.00	1.5	88
TM-21-97	393654	280.00	281.50	1.5	159
TM-21-97	393655	281.50	283.00	1.5	182
TM-21-97	393656	283.00	284.50	1.5	75
TM-21-97	393657	284.50	286.00	1.5	72
TM-21-97	393658	286.00	287.50	1.5	44
TM-21-97	393659	287.50	289.00	1.5	241
TM-21-97	393661	289.00	290.50	1.5	543
TM-21-97	393662	290.50	292.00	1.5	154
TM-21-97	393663	292.00	293.50	1.5	412
TM-21-97	393664	293.50	295.00	1.5	622
TM-21-97	393665	295.00	296.50	1.5	329
TM-21-97	393666	296.50	298.00	1.5	323
TM-21-97	393667	298.00	299.50	1.5	360
TM-21-97	393668	299.50	301.00	1.5	622
TM-21-97	393669	301.00	302.50	1.5	520
TM-21-97	393670	302.50	304.00	1.5	558
TM-21-97	393671	304.00	305.50	1.5	180
TM-21-97	393672	305.50	307.00	1.5	206
TM-21-97	393673	307.00	308.50	1.5	427
TM-21-97	393674	308.50	310.00	1.5	1770
TM-21-97	393675	310.00	311.50	1.5	528
TM-21-97	393676	311.50	313.00	1.5	109
TM-21-97	393677	313.00	314.50	1.5	117
TM-21-97	393678	314.50	316.00	1.5	103
TM-21-97	393679	316.00	317.50	1.5	74
TM-21-97	393681	317.50	319.00	1.5	51
TM-21-97	393682	319.00	320.50	1.5	59
TM-21-97	393683	320.50	322.00	1.5	42
TM-21-97	393684	322.00	323.50	1.5	45
TM-21-97	393685	323.50	325.00	1.5	32
TM-21-97	393686	325.00	326.50	1.5	36
TM-21-97	393687	326.50	328.00	1.5	46
TM-21-97	393688	328.00	329.50	1.5	78
TM-21-97	393689	329.50	331.00	1.5	88
TM-21-97	393690	331.00	332.50	1.5	96
TM-21-97	393691	332.50	334.00	1.5	56
TM-21-97	393692	334.00	335.50	1.5	88

Hole Id	Sample No	From (m)	to (m)	interval (m)	Au ppb
TM-21-97	393693	335.50	337.00	1.5	898
TM-21-97	393694	337.00	338.50	1.5	184
TM-21-97	393695	338.50	340.00	1.5	71
TM-21-97	393696	340.00	341.50	1.5	173
TM-21-97	393697	341.50	343.00	1.5	142
TM-21-97	393698	343.00	344.50	1.5	44
TM-21-97	393699	344.50	346.00	1.5	41
TM-21-97	393701	346.00	347.71	1.71	94

APPENDIX V
Assay Certificates

Report No.:	**A21-03064**
Report Date:	**16-Mar-21**
Date Submitted:	**24-Feb-21**
Your Reference:	**Tower Mountain Gold Project**

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

290 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-03-09 17:36:50
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-03-11 10:52:29
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-03-09 23:56:54

REPORT **A21-03064**

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

Notes:

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

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
390001	< 5	< 0.2	< 0.5	101	597	< 1	206	6	60	2.49	2	< 10	107	< 0.5	< 2	1.68	32	444	4.57	< 10	< 1	0.16	12
390002	< 5	< 0.2	< 0.5	214	921	20	37	9	78	1.57	16	< 10	21	0.6	< 2	2.62	26	44	4.43	< 10	< 1	0.38	53
390003	20	< 0.2	< 0.5	162	1080	11	25	5	94	1.72	4	< 10	214	0.7	< 2	2.98	21	35	4.70	10	< 1	0.29	66
390004	14	< 0.2	< 0.5	85	1090	1	27	2	100	1.97	4	< 10	170	0.8	< 2	2.93	21	34	5.36	10	1	0.40	61
390005	28	< 0.2	< 0.5	138	1110	9	24	3	91	2.10	4	< 10	89	0.9	< 2	2.65	25	35	5.59	10	1	0.35	62
390006	18	< 0.2	< 0.5	85	1100	4	27	3	86	2.10	11	< 10	236	1.0	< 2	2.83	20	37	5.23	10	2	0.57	59
390007	36	< 0.2	< 0.5	65	1100	5	23	20	111	2.05	20	15	84	1.2	< 2	2.14	18	36	4.75	< 10	1	0.94	66
390008	127	< 0.2	< 0.5	57	1110	5	27	12	88	1.86	5	11	107	1.0	< 2	2.65	17	48	4.71	< 10	< 1	0.79	60
390009	30	< 0.2	< 0.5	125	1030	7	37	14	98	2.03	6	12	97	1.0	< 2	2.89	25	61	5.06	< 10	< 1	0.90	58
390010	61	< 0.2	< 0.5	94	986	23	31	13	93	1.75	10	12	137	0.8	< 2	2.91	20	47	4.88	< 10	< 1	0.67	65
390011	17	< 0.2	< 0.5	103	1030	8	45	10	97	1.97	4	12	226	0.8	< 2	3.46	23	85	5.26	< 10	< 1	0.83	61
390012	14	0.2	< 0.5	87	1200	2	63	5	101	2.41	8	< 10	353	0.6	2	4.23	32	93	6.71	10	2	0.90	54
390013	14	0.3	< 0.5	94	1080	1	61	5	93	2.44	10	10	390	0.5	< 2	3.61	32	82	6.83	10	1	0.66	48
390014	21	0.2	< 0.5	83	1110	1	64	4	103	2.40	8	< 10	438	0.7	< 2	2.75	31	95	6.83	10	1	0.70	54
390015	25	< 0.2	< 0.5	101	1080	4	30	6	94	1.75	6	< 10	163	0.8	< 2	2.78	21	58	5.09	10	2	0.34	71
390016	28	< 0.2	< 0.5	79	1170	2	38	5	94	1.87	7	< 10	205	0.9	< 2	3.31	22	81	5.29	10	2	0.49	63
390017	23	< 0.2	< 0.5	61	1090	1	35	3	89	1.72	5	10	304	1.0	< 2	3.26	20	78	4.87	< 10	1	0.63	61
390018	29	< 0.2	< 0.5	65	1050	1	31	5	97	1.57	2	< 10	276	1.0	2	2.74	18	67	4.89	< 10	2	0.51	63
390019	10	< 0.2	< 0.5	89	1100	2	29	6	94	1.59	2	< 10	532	1.2	2	3.19	20	56	4.81	< 10	< 1	0.45	62
390020	1220	0.9	0.8	604	511	32	36	78	102	1.64	19	< 10	77	< 0.5	< 2	1.17	15	48	3.49	< 10	< 1	0.29	< 10
390021	30	< 0.2	< 0.5	107	1240	2	38	6	104	1.66	5	< 10	419	1.2	< 2	3.02	20	89	5.20	10	< 1	0.52	70
390022	14	< 0.2	< 0.5	99	1160	6	35	7	95	1.56	4	< 10	116	1.0	< 2	2.90	19	89	4.99	10	1	0.46	63
390023	76	0.3	< 0.5	186	1110	18	43	12	95	1.47	7	< 10	31	1.1	< 2	2.95	24	111	4.80	< 10	< 1	0.58	66
390024	37	< 0.2	< 0.5	92	1230	2	29	6	107	1.48	10	< 10	93	1.3	< 2	3.14	19	49	4.86	< 10	< 1	0.32	66
390025	16	< 0.2	< 0.5	94	1230	1	38	6	101	1.81	8	< 10	233	1.0	< 2	3.26	23	61	5.84	10	< 1	0.50	66
390026	18	< 0.2	< 0.5	86	1160	3	27	6	84	1.47	13	< 10	43	1.1	< 2	3.34	21	52	4.63	10	< 1	0.17	80
390027	27	< 0.2	< 0.5	39	1100	3	17	4	78	1.34	24	< 10	78	1.1	< 2	3.20	17	26	4.20	< 10	< 1	0.18	72
390028	6	< 0.2	< 0.5	104	1230	1	50	3	93	1.92	7	< 10	159	1.0	< 2	3.89	23	106	5.42	10	1	0.45	54
390029	10	< 0.2	< 0.5	179	1140	2	63	4	94	1.99	6	< 10	140	0.7	< 2	4.15	25	133	5.59	10	1	0.47	51
390030	15	< 0.2	< 0.5	71	1040	1	37	5	99	1.59	5	< 10	231	1.0	< 2	3.31	20	77	5.15	10	2	0.34	63
390031	16	< 0.2	< 0.5	103	1190	1	42	11	110	1.80	4	< 10	312	0.9	< 2	3.56	23	91	5.48	10	3	0.62	56
390032	21	< 0.2	< 0.5	77	1220	< 1	73	7	101	2.07	7	< 10	396	1.3	< 2	3.51	24	181	5.58	10	2	0.98	71
390033	22	0.3	< 0.5	71	980	2	31	24	94	1.34	45	< 10	79	1.1	< 2	2.85	20	62	5.04	10	< 1	0.33	65
390034	9	< 0.2	< 0.5	66	990	< 1	25	26	92	1.33	15	< 10	198	1.4	< 2	2.70	19	46	4.84	< 10	< 1	0.31	69
390035	6	< 0.2	< 0.5	72	1130	1	56	13	101	1.88	9	< 10	480	1.2	< 2	2.99	24	139	5.48	10	1	0.80	62
390036	7	0.2	< 0.5	116	1020	1	46	6	98	2.00	6	10	418	0.9	< 2	2.34	23	103	5.36	10	1	0.61	55
390037	10	< 0.2	< 0.5	80	1000	< 1	44	11	96	1.86	11	< 10	310	0.8	< 2	2.45	23	104	5.48	10	2	0.88	56
390038	10	< 0.2	< 0.5	101	961	3	51	8	89	1.85	10	11	233	1.2	< 2	3.17	24	104	5.29	10	1	0.60	53
390039	12	< 0.2	< 0.5	130	973	3	45	8	91	1.82	10	< 10	267	0.9	< 2	3.02	23	97	5.38	10	< 1	0.78	52
390040	< 5	< 0.2	< 0.5	< 1	16	< 1	< 1	< 2	2	0.05	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.17	< 10	< 1	< 0.01	< 10
390041	14	0.2	< 0.5	73	951	1	44	6	92	1.89	13	15	273	0.9	2	2.64	23	99	5.23	10	1	0.66	54
390042	10	< 0.2	< 0.5	114	943	< 1	63	22	90	1.89	13	12	210	0.8	< 2	2.05	23	112	5.15	10	2	0.76	52
390043	12	< 0.2	< 0.5	87	1070	< 1	48	8	86	2.05	12	13	584	0.8	< 2	3.40	22	101	5.15	10	< 1	0.58	50
390044	9	< 0.2	< 0.5	81	1280	< 1	65	6	103	2.21	9	< 10	294	1.0	< 2	3.02	26	155	5.74	10	< 1	0.74	61
390045	16	< 0.2	< 0.5	118	1310	1	47	5	99	1.96	10	< 10	163	1.0	< 2	3.17	27	82	6.03	10	< 1	0.34	65
390046	18	< 0.2	< 0.5	89	1270	2	54	< 2	94	2.28	9	< 10	167	1.0	< 2	2.89	27	86	6.62	10	< 1	0.46	63
390047	34	< 0.2	< 0.5	90	1250	2	37	< 2	86	2.05	5	< 10	181	0.8	< 2	3.15	21	78	5.92	10	3	0.13	65
390048	17	< 0.2	< 0.5	76	1170	1	45	3	88	1.98	11	< 10	122	0.9	< 2	2.77	20	104	5.41	10	1	0.16	74
390049	14	< 0.2	< 0.5	79	1290	1	68	< 2	78	2.17	4	< 10	175	1.0	< 2	3.57	22	165	5.68	10	2	0.19	67
390050	20	< 0.2	< 0.5	63	1220	1	34	5	100	1.83	11	< 10	91	0.8	< 2	2.40	21	74	5.19	10	2	0.16	71
390051	12	< 0.2	< 0.5	74	1490	< 1	64	10	106	2.00	10	< 10	266	1.2	< 2	3.60	23	163	5.45	10	1	0.50	66

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
390052	14	< 0.2	< 0.5	93	1660	< 1	76	2	97	2.46	7	< 10	198	1.0	< 2	4.62	30	113	7.65	10	2	0.46	45
390053	11	< 0.2	< 0.5	91	1300	< 1	40	3	103	2.37	10	< 10	87	1.1	< 2	3.05	26	69	6.53	10	2	0.17	89
390054	11	< 0.2	< 0.5	99	1300	< 1	34	3	104	2.39	11	< 10	59	0.9	< 2	2.60	26	59	6.67	10	< 1	0.13	94
390055	28	< 0.2	< 0.5	43	1190	2	26	4	78	1.88	5	< 10	126	0.7	< 2	2.48	20	35	5.08	10	1	0.19	78
390056	18	< 0.2	< 0.5	72	1060	1	36	2	93	2.23	4	< 10	75	0.8	< 2	2.12	26	49	6.03	10	1	0.14	69
390057	14	< 0.2	< 0.5	69	1220	2	38	3	93	2.12	5	< 10	123	0.7	< 2	2.71	23	56	5.90	10	1	0.12	70
390058	19	< 0.2	< 0.5	74	1090	4	22	7	97	1.54	4	< 10	123	0.7	< 2	2.20	18	30	5.27	10	2	0.21	73
390059	22	< 0.2	< 0.5	88	1050	12	50	6	105	2.13	6	< 10	184	0.9	< 2	2.35	28	73	6.54	10	2	0.59	68
390060	4080	0.8	0.6	395	752	398	30	45	143	1.61	21	11	74	< 0.5	< 2	1.28	11	44	3.52	< 10	< 1	0.26	< 10
390061	223	0.3	< 0.5	53	799	4	13	15	82	1.52	30	< 10	20	1.0	< 2	1.81	16	12	4.84	10	2	0.44	77
390062	11	< 0.2	< 0.5	76	1120	2	56	8	90	2.31	6	< 10	181	0.9	< 2	3.50	27	83	6.24	10	2	0.43	58
390063	17	< 0.2	< 0.5	58	1250	2	74	2	84	2.57	8	< 10	67	0.9	< 2	3.98	32	110	7.32	10	2	0.25	46
390064	22	< 0.2	< 0.5	70	1090	3	45	4	81	1.90	13	< 10	70	0.7	< 2	2.67	22	65	5.66	10	1	0.18	63
390065	22	< 0.2	< 0.5	78	2050	7	65	3	98	2.67	21	< 10	16	0.8	2	2.79	31	101	7.54	10	1	0.11	50
390066	17	< 0.2	< 0.5	59	1680	5	34	3	73	1.95	14	< 10	< 10	0.7	< 2	1.21	25	47	6.00	10	2	0.17	70
390067	16	< 0.2	< 0.5	22	2410	12	13	4	69	1.33	13	< 10	< 10	0.7	< 2	1.94	17	15	5.03	< 10	1	0.30	84
390068	13	< 0.2	< 0.5	26	1770	3	10	4	91	1.58	12	< 10	20	0.8	< 2	1.42	17	10	4.37	10	< 1	0.29	90
390069	11	< 0.2	< 0.5	59	1020	2	23	2	103	1.99	6	< 10	26	0.9	< 2	1.73	21	32	5.24	10	2	0.25	75
390070	7	< 0.2	< 0.5	65	1100	2	65	3	73	1.92	8	< 10	47	0.8	< 2	3.79	24	88	5.35	< 10	2	0.33	50
390071	10	< 0.2	< 0.5	78	1230	1	63	8	85	2.14	17	< 10	42	1.0	< 2	4.15	28	93	6.59	10	4	0.43	44
390072	9	< 0.2	< 0.5	56	926	< 1	16	11	102	1.87	10	15	62	1.7	< 2	1.84	16	22	4.72	10	2	0.62	77
390073	14	< 0.2	< 0.5	60	994	3	11	12	103	1.69	17	13	57	1.3	< 2	1.65	18	18	4.45	10	< 1	0.48	83
390074	13	< 0.2	< 0.5	57	1040	5	9	17	110	1.50	25	< 10	40	1.0	< 2	1.81	18	11	4.47	< 10	< 1	0.34	74
390075	8	< 0.2	< 0.5	51	1450	3	9	15	111	1.47	14	< 10	29	0.9	< 2	2.58	14	10	4.20	< 10	< 1	0.34	77
390076	16	< 0.2	< 0.5	96	1200	3	13	16	118	1.63	10	11	58	1.3	< 2	1.94	22	12	4.63	< 10	< 1	0.44	75
390077	52	< 0.2	< 0.5	99	1100	3	23	10	111	2.02	12	14	55	1.5	< 2	1.54	20	25	5.34	< 10	1	0.63	78
390078	16	< 0.2	< 0.5	60	1050	4	13	18	118	1.81	7	14	132	1.2	< 2	1.24	19	15	4.64	< 10	< 1	0.54	84
390079	13	< 0.2	< 0.5	57	993	3	10	13	106	1.57	5	12	96	1.1	< 2	0.98	19	9	3.98	< 10	< 1	0.46	88
390080	< 5	< 0.2	< 0.5	< 1	30	1	< 1	< 2	< 2	0.05	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	15	0.24	< 10	< 1	0.01	< 10
390081	6	< 0.2	< 0.5	33	967	2	10	9	87	1.44	5	12	100	1.2	< 2	1.16	14	10	4.04	< 10	< 1	0.50	87
390082	11	< 0.2	< 0.5	55	1420	2	9	6	111	1.65	3	11	143	0.9	< 2	1.46	17	9	4.25	< 10	< 1	0.38	88
390083	22	< 0.2	< 0.5	59	1260	2	10	18	108	1.62	10	12	68	1.0	< 2	1.79	16	19	4.20	< 10	< 1	0.44	76
390084	116	< 0.2	< 0.5	52	1250	2	9	14	100	1.50	5	10	137	0.9	< 2	1.88	14	10	4.09	< 10	< 1	0.37	83
390085	31	< 0.2	< 0.5	65	1220	3	16	15	97	1.64	5	12	67	1.1	< 2	1.91	19	24	4.27	< 10	< 1	0.44	75
390086	13	< 0.2	< 0.5	67	1330	2	13	17	90	1.46	11	< 10	39	0.8	< 2	2.85	17	15	4.25	< 10	< 1	0.36	61
390087	9	< 0.2	< 0.5	120	1380	< 1	34	8	107	2.14	12	11	283	1.4	< 2	3.70	24	59	6.14	10	1	0.50	85
390088	7	< 0.2	< 0.5	92	1440	1	38	9	101	1.90	16	< 10	185	0.8	< 2	3.70	22	61	5.40	10	1	0.46	67
390089	9	< 0.2	< 0.5	53	771	2	21	17	97	1.73	6	12	61	1.0	< 2	1.41	17	28	4.72	< 10	< 1	0.59	74
390090	11	< 0.2	< 0.5	80	1040	2	26	20	105	2.02	25	11	25	1.0	< 2	1.94	23	36	5.48	10	< 1	0.73	62
390091	8	< 0.2	< 0.5	61	813	3	17	14	85	1.61	19	< 10	15	0.8	< 2	1.59	19	22	4.47	< 10	< 1	0.42	64
390092	7	< 0.2	< 0.5	104	1320	1	66	8	100	2.47	21	11	33	1.2	< 2	3.38	29	115	6.54	10	1	1.11	48
390093	6	< 0.2	0.5	106	1480	1	82	2	104	2.74	8	< 10	147	0.9	< 2	4.30	35	116	7.18	10	1	1.15	44
390094	10	< 0.2	< 0.5	101	1200	1	63	6	114	2.72	14	12	30	1.1	< 2	3.14	33	92	6.97	10	< 1	1.18	49
390095	10	< 0.2	< 0.5	67	1540	3	27	11	85	1.62	17	12	23	0.9	< 2	3.08	20	35	4.67	< 10	< 1	0.56	58
390096	8	< 0.2	< 0.5	68	1630	3	8	10	69	1.03	9	13	46	0.7	< 2	2.97	14	6	3.57	< 10	< 1	0.45	70
390097	16	< 0.2	< 0.5	58	1390	2	8	14	89	1.20	15	14	36	0.9	< 2	1.81	15	7	3.82	< 10	< 1	0.46	76
390098	10	< 0.2	< 0.5	50	1230	1	8	15	96	1.42	12	14	37	0.9	< 2	2.07	14	9	3.92	< 10	< 1	0.46	74
390099	17	< 0.2	< 0.5	93	888	4	10	13	87	1.63	18	17	58	1.1	< 2	1.81	15	11	3.77	< 10	< 1	0.57	72
390100	3870	0.7	< 0.5	371	727	375	29	45	139	1.52	19	11	70	< 0.5	< 2	1.23	10	43	3.34	< 10	< 1	0.25	< 10
390101	29	< 0.2	< 0.5	76	1240	4	8	19	102	1.58	29	15	33	1.0	< 2	2.32	17	9	4.00	< 10	< 1	0.47	76
390102	9	< 0.2	< 0.5	73	1100	10	9	19	96	1.65	15	15	37	1.0	< 2	2.09	16	10	4.05	< 10	< 1	0.55	79

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
390103	11	< 0.2	< 0.5	99	1210	7	10	14	95	1.60	32	16	64	1.2	< 2	2.58	14	12	4.14	< 10	< 1	0.59	79
390104	9	< 0.2	< 0.5	63	1220	< 1	15	9	104	1.66	21	15	33	1.3	< 2	2.73	16	18	4.58	< 10	< 1	0.52	81
390105	8	< 0.2	< 0.5	74	1250	2	29	8	111	1.81	23	10	37	1.1	< 2	2.35	20	45	5.11	10	1	0.37	69
390106	6	< 0.2	< 0.5	48	882	< 1	197	9	87	2.30	13	< 10	126	1.0	< 2	2.38	24	234	4.04	10	< 1	0.18	36
390107	< 5	< 0.2	< 0.5	14	597	< 1	265	4	50	1.92	7	< 10	941	0.6	< 2	2.72	23	314	2.63	< 10	< 1	0.06	20
390108	< 5	< 0.2	< 0.5	35	604	< 1	287	6	49	2.18	7	< 10	1110	0.6	< 2	3.30	24	335	2.90	< 10	< 1	0.05	20
390109	6	< 0.2	0.5	49	888	1	131	9	83	1.99	11	< 10	113	1.0	< 2	2.45	19	154	3.86	< 10	< 1	0.30	51
390110	9	< 0.2	< 0.5	71	1100	3	21	17	113	2.11	19	16	57	1.2	< 2	1.74	19	26	4.99	10	1	0.68	61
390111	7	< 0.2	< 0.5	82	1080	2	15	15	102	1.87	26	17	38	1.2	< 2	1.26	21	17	4.47	< 10	< 1	0.69	62
390112	7	< 0.2	< 0.5	59	934	2	13	16	103	1.83	12	16	33	1.1	< 2	1.36	17	16	4.29	< 10	< 1	0.60	67
390113	7	< 0.2	< 0.5	49	923	2	9	15	88	1.74	17	19	36	1.2	< 2	1.39	14	9	3.94	< 10	< 1	0.67	76
390114	6	< 0.2	< 0.5	63	1060	3	8	17	104	1.71	14	17	34	1.1	< 2	1.37	17	9	4.12	< 10	< 1	0.59	82
390115	6	< 0.2	< 0.5	60	966	3	9	16	95	1.76	25	18	28	1.1	< 2	1.13	18	8	4.12	< 10	< 1	0.65	84
390116	7	< 0.2	0.5	53	1210	2	8	10	84	1.57	22	15	24	1.0	< 2	1.83	15	9	3.91	< 10	< 1	0.52	76
390117	9	< 0.2	< 0.5	59	1420	3	8	9	80	1.49	28	15	21	1.0	< 2	1.62	16	7	4.09	< 10	< 1	0.53	75
390118	13	< 0.2	< 0.5	44	1450	3	7	8	53	1.15	12	13	25	1.0	< 2	1.99	15	6	3.62	< 10	< 1	0.56	68
390119	9	< 0.2	< 0.5	45	1310	4	9	7	76	1.39	14	13	32	1.0	< 2	1.55	16	11	3.87	< 10	< 1	0.50	77
390120	< 5	< 0.2	< 0.5	1	40	2	< 1	< 2	3	0.06	2	< 10	10	< 0.5	< 2	0.02	< 1	17	0.35	< 10	< 1	0.01	< 10
390121	16	< 0.2	< 0.5	46	1270	3	10	8	90	1.49	58	13	27	0.9	< 2	1.28	18	9	4.26	< 10	< 1	0.42	65
390122	11	< 0.2	< 0.5	38	1630	3	7	8	61	1.16	11	13	33	1.0	< 2	2.26	15	5	3.62	< 10	< 1	0.56	51
390123	13	< 0.2	< 0.5	32	1930	6	9	8	75	1.19	10	< 10	21	0.9	< 2	2.16	15	8	3.82	< 10	< 1	0.44	46
390124	14	< 0.2	< 0.5	42	1240	6	8	13	81	1.32	23	14	27	1.1	< 2	1.51	15	8	3.67	< 10	< 1	0.58	77
390125	10	< 0.2	< 0.5	40	1280	5	8	15	77	1.51	11	16	22	1.2	< 2	1.53	16	9	3.88	< 10	< 1	0.60	71
390126	10	< 0.2	< 0.5	73	1320	7	8	13	69	1.31	19	15	26	1.0	< 2	1.53	17	7	3.74	< 10	< 1	0.55	73
390127	9	< 0.2	< 0.5	60	1600	9	7	12	57	1.27	8	15	61	1.0	< 2	1.91	14	6	3.55	< 10	< 1	0.56	76
390128	10	< 0.2	< 0.5	48	1150	9	8	13	41	1.42	10	19	37	1.3	< 2	1.72	17	5	3.49	< 10	< 1	0.72	70
390129	7	< 0.2	< 0.5	46	1620	5	10	13	68	1.28	15	15	34	1.1	< 2	2.12	15	11	3.85	< 10	< 1	0.55	72
390130	11	< 0.2	< 0.5	50	1580	4	7	12	53	1.04	15	17	42	1.1	< 2	2.50	14	6	3.46	< 10	< 1	0.59	72
390131	7	< 0.2	< 0.5	48	2150	6	7	8	55	1.11	8	12	22	1.0	< 2	2.56	15	6	3.64	< 10	< 1	0.51	85
390132	8	< 0.2	< 0.5	59	1870	5	7	8	56	1.21	9	14	26	1.0	< 2	2.19	14	7	3.64	< 10	< 1	0.55	92
390133	8	< 0.2	< 0.5	38	1930	5	11	8	84	1.47	8	12	26	0.9	< 2	1.93	17	13	4.38	< 10	< 1	0.42	93
390134	5	< 0.2	< 0.5	31	1890	6	7	9	77	1.44	9	16	34	1.1	< 2	1.89	16	9	4.04	< 10	< 1	0.52	95
390135	5	< 0.2	< 0.5	90	995	4	8	7	74	1.52	10	18	78	1.2	< 2	1.30	12	11	3.80	< 10	< 1	0.60	104
390136	11	< 0.2	< 0.5	63	2020	11	8	7	72	1.23	11	13	48	0.8	< 2	1.99	14	12	4.08	< 10	< 1	0.40	95
390137	5	< 0.2	< 0.5	38	1620	5	7	10	83	1.37	12	17	80	1.1	< 2	1.97	13	7	3.79	< 10	< 1	0.50	96
390138	24	< 0.2	< 0.5	56	1200	5	9	13	76	1.52	28	23	33	1.2	< 2	1.76	17	10	3.92	< 10	< 1	0.79	77
390139	< 5	< 0.2	< 0.5	50	1850	7	7	16	52	1.07	20	18	32	1.0	< 2	2.29	14	6	3.56	< 10	< 1	0.55	82
390140	1250	0.9	0.7	609	515	30	35	78	101	1.67	18	11	73	< 0.5	< 2	1.19	15	48	3.52	< 10	< 1	0.29	< 10
390141	6	< 0.2	< 0.5	83	1580	3	64	5	56	1.65	18	< 10	64	0.6	< 2	2.03	19	96	3.86	< 10	< 1	0.39	55
390142	7	< 0.2	< 0.5	37	1070	< 1	11	7	94	1.27	< 2	< 10	272	1.1	< 2	2.33	14	14	4.54	< 10	< 1	0.32	86
390143	10	< 0.2	< 0.5	70	1180	1	37	10	117	1.73	4	< 10	476	1.2	< 2	2.28	19	101	4.92	10	< 1	0.44	75
390144	24	< 0.2	< 0.5	79	1350	7	17	13	111	1.53	4	< 10	160	1.2	< 2	2.49	17	26	4.95	< 10	< 1	0.38	75
390145	390	0.6	< 0.5	70	1320	6	29	20	140	1.63	134	10	26	1.3	< 2	1.94	22	43	5.15	< 10	2	0.41	76
390146	121	0.2	< 0.5	107	1450	6	45	12	126	1.93	27	< 10	61	1.3	< 2	2.64	24	69	5.99	10	< 1	0.75	65
390147	11	< 0.2	< 0.5	87	1610	2	57	9	117	2.20	4	< 10	75	1.3	< 2	3.78	30	80	6.63	10	< 1	0.71	58
390148	13	< 0.2	< 0.5	72	1460	4	29	17	107	1.70	3	< 10	32	1.2	< 2	3.20	21	32	5.39	10	1	0.47	70
390149	12	< 0.2	< 0.5	67	1380	3	37	15	101	1.75	5	< 10	33	1.2	< 2	3.38	23	53	5.96	10	2	0.48	57
390150	18	< 0.2	< 0.5	84	1250	2	14	19	112	1.45	5	< 10	21	1.0	< 2	2.22	19	14	4.78	< 10	1	0.29	70
390151	15	< 0.2	< 0.5	88	1060	5	11	16	127	1.54	6	< 10	33	1.2	< 2	1.56	19	10	4.88	10	< 1	0.39	76
390152	31	< 0.2	< 0.5	69	1310	6	15	17	113	1.45	3	10	95	1.2	< 2	2.18	18	18	5.02	< 10	< 1	0.38	81
390153	29	< 0.2	< 0.5	86	1290	8	27	12	113	1.78	5	< 10	50	1.1	< 2	2.25	22	37	5.62	10	2	0.31	67

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
390154	6	< 0.2	< 0.5	75	1070	3	97	3	73	2.35	4	< 10	107	0.9	< 2	4.09	26	182	4.95	10	1	0.12	58
390155	< 5	< 0.2	< 0.5	49	984	< 1	244	< 2	72	3.40	3	< 10	69	1.1	< 2	4.79	33	404	5.61	10	< 1	0.08	40
390156	12	< 0.2	< 0.5	83	1380	6	42	12	118	2.02	6	< 10	26	0.8	< 2	2.73	26	63	5.91	10	3	0.26	56
390157	8	< 0.2	< 0.5	111	1510	3	50	8	112	2.31	4	< 10	31	1.1	< 2	2.95	28	77	6.39	10	< 1	0.43	64
390158	12	< 0.2	< 0.5	94	1450	< 1	48	6	109	2.10	3	< 10	257	1.0	< 2	3.74	28	63	6.54	10	< 1	0.55	62
390159	10	< 0.2	< 0.5	89	1300	2	36	9	95	1.72	9	< 10	102	0.7	< 2	3.17	23	72	5.35	10	1	0.25	61
390160	< 5	< 0.2	< 0.5	< 1	35	< 1	< 1	< 2	< 2	0.06	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	1	0.25	< 10	< 1	0.01	< 10
390161	8	< 0.2	< 0.5	93	1220	2	66	5	99	2.18	9	< 10	129	0.8	< 2	2.90	27	139	5.84	10	< 1	0.29	54
390162	8	< 0.2	< 0.5	102	1130	2	54	6	104	2.14	11	< 10	69	0.8	< 2	2.88	27	120	5.93	10	< 1	0.21	57
390163	6	< 0.2	< 0.5	93	1170	< 1	47	3	91	1.88	7	< 10	409	0.9	< 2	3.76	24	98	5.48	10	< 1	0.36	54
390164	5	0.3	< 0.5	94	1250	< 1	50	5	99	1.96	7	10	666	1.0	< 2	3.58	25	107	5.67	10	2	0.47	57
390165	10	< 0.2	< 0.5	134	1270	< 1	51	5	104	2.02	14	< 10	142	0.8	< 2	3.87	25	106	5.65	10	2	0.45	58
390166	13	< 0.2	< 0.5	97	1270	2	43	6	94	2.02	10	< 10	168	0.8	< 2	4.43	25	91	5.64	10	1	0.32	55
390167	10	< 0.2	< 0.5	97	1130	2	44	8	88	1.93	9	< 10	89	0.8	< 2	3.29	25	91	5.59	10	1	0.46	55
390168	8	< 0.2	< 0.5	105	1240	3	44	9	91	1.86	10	< 10	166	0.9	< 2	4.11	25	82	5.22	< 10	< 1	0.39	54
390169	8	< 0.2	< 0.5	88	1350	< 1	52	4	92	1.98	5	< 10	370	0.8	< 2	4.18	25	106	5.72	10	< 1	0.60	54
390170	10	< 0.2	< 0.5	74	1310	< 1	52	3	94	1.83	5	< 10	190	0.7	< 2	3.79	25	104	5.68	10	1	0.43	52
390171	6	< 0.2	< 0.5	115	1590	< 1	49	5	94	1.77	6	< 10	184	0.8	< 2	3.18	26	92	5.81	< 10	1	0.43	56
390172	12	< 0.2	< 0.5	96	1460	< 1	52	5	75	1.93	5	11	163	0.9	< 2	2.90	28	99	5.51	< 10	< 1	0.53	54
390173	< 5	< 0.2	< 0.5	106	1390	< 1	37	2	41	1.54	5	11	106	1.0	< 2	3.15	22	54	4.26	< 10	< 1	0.57	55
390174	< 5	< 0.2	< 0.5	87	1690	< 1	31	6	33	1.29	7	11	68	0.9	< 2	4.30	19	28	3.81	< 10	< 1	0.56	54
390175	< 5	< 0.2	< 0.5	29	1650	1	29	5	41	1.33	5	11	105	0.8	< 2	4.94	22	23	4.33	< 10	< 1	0.54	49
390176	< 5	< 0.2	< 0.5	91	1610	< 1	27	4	45	0.90	6	< 10	80	0.6	< 2	4.50	20	21	4.06	< 10	< 1	0.45	52
390177	5	< 0.2	< 0.5	100	1740	< 1	31	5	61	0.84	7	< 10	187	< 0.5	< 2	3.84	22	27	5.06	< 10	< 1	0.41	59
390178	11	< 0.2	< 0.5	101	1300	< 1	31	6	66	0.80	6	< 10	142	0.5	< 2	3.52	22	32	5.07	< 10	< 1	0.41	53
390179	7	< 0.2	< 0.5	124	1330	< 1	43	9	78	1.15	8	< 10	180	0.7	< 2	3.87	25	72	5.34	< 10	2	0.44	54
390180	> 5000	2.5	1.1	123	557	22	50	807	220	0.71	> 10000	< 10	38	< 0.5	4	1.90	20	31	3.91	< 10	< 1	0.13	< 10
390181	< 5	< 0.2	< 0.5	103	1400	1	50	14	100	1.54	11	< 10	71	0.7	< 2	2.81	26	95	5.80	< 10	2	0.28	56
390182	< 5	< 0.2	< 0.5	119	1260	< 1	51	8	101	1.69	7	< 10	135	0.7	< 2	3.09	27	101	5.72	< 10	1	0.32	55
390183	< 5	< 0.2	< 0.5	104	1210	< 1	47	6	96	1.63	6	< 10	355	0.8	< 2	3.68	24	93	5.50	< 10	1	0.27	55
390184	< 5	< 0.2	< 0.5	111	1150	< 1	50	12	101	1.85	7	< 10	168	0.7	< 2	3.80	25	106	5.82	10	< 1	0.14	53
390185	5	< 0.2	< 0.5	98	1250	1	39	9	81	1.07	10	< 10	131	0.6	< 2	3.23	24	58	5.31	< 10	2	0.35	54
390186	7	0.2	< 0.5	96	1270	2	29	10	75	0.61	11	< 10	219	0.5	< 2	3.71	24	23	4.91	< 10	< 1	0.39	47
390187	< 5	< 0.2	< 0.5	90	1110	1	37	8	76	1.27	7	< 10	359	0.7	< 2	3.53	21	63	4.73	< 10	< 1	0.31	48
390188	< 5	< 0.2	< 0.5	82	1250	< 1	45	7	72	1.23	6	< 10	800	0.7	< 2	4.21	22	69	4.87	< 10	< 1	0.44	49
390189	< 5	< 0.2	< 0.5	91	1260	< 1	48	8	89	1.29	11	< 10	294	0.6	< 2	3.35	25	94	5.33	< 10	< 1	0.34	50
390190	< 5	< 0.2	< 0.5	96	1450	< 1	52	7	92	1.65	8	< 10	156	0.8	< 2	3.07	25	110	5.57	10	1	0.33	51
390191	< 5	< 0.2	< 0.5	79	1410	1	35	7	95	1.51	8	< 10	135	0.7	< 2	2.64	21	73	4.96	< 10	< 1	0.16	67
390192	< 5	< 0.2	< 0.5	95	1320	< 1	46	7	101	1.66	11	< 10	93	0.8	< 2	3.61	23	100	5.37	10	< 1	0.27	55
390193	6	< 0.2	< 0.5	80	1210	2	34	8	98	1.64	9	10	136	0.9	< 2	3.36	21	58	5.10	< 10	1	0.45	64
390194	74	< 0.2	< 0.5	57	1140	3	7	12	61	1.14	9	13	92	1.0	< 2	2.07	15	8	3.67	< 10	< 1	0.53	86
390195	69	< 0.2	< 0.5	64	1090	6	10	22	62	1.11	18	13	59	0.9	< 2	2.02	18	7	3.70	< 10	< 1	0.53	78
390196	519	0.3	< 0.5	58	1200	3	12	17	64	1.13	21	13	17	0.8	< 2	1.93	16	17	4.09	< 10	< 1	0.52	63
390197	121	< 0.2	< 0.5	60	1160	3	14	16	91	1.50	6	15	42	0.8	< 2	2.05	17	17	4.34	< 10	< 1	0.72	67
390198	40	< 0.2	< 0.5	65	1050	2	9	15	83	1.45	7	17	100	1.0	< 2	2.17	15	9	3.93	< 10	< 1	0.67	80
390199	35	< 0.2	< 0.5	72	1100	1	16	17	94	1.50	7	12	68	0.9	< 2	2.11	20	28	4.43	< 10	< 1	0.55	80
390200	< 5	< 0.2	< 0.5	< 1	39	< 1	< 1	< 2	< 2	0.05	< 2	< 10	23	< 0.5	< 2	< 0.01	< 1	2	0.33	< 10	< 1	< 0.01	< 10
390201	26	< 0.2	< 0.5	89	1250	2	20	17	96	1.66	8	12	35	1.0	< 2	2.19	20	22	4.75	< 10	< 1	0.71	66
390202	30	< 0.2	< 0.5	85	1380	2	27	15	93	1.66	11	11	44	1.0	< 2	2.65	19	36	4.97	< 10	1	0.68	66
390203	8	< 0.2	< 0.5	71	1370	< 1	25	16	107	1.69	5	12	72	1.0	< 2	2.69	19	35	5.11	< 10	2	0.61	73
390204	87	< 0.2	< 0.5	96	1170	3	13	21	86	1.50	26	13	26	0.9	< 2	2.31	19	15	4.52	< 10	< 1	0.51	78

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
390205	74	< 0.2	< 0.5	97	1300	3	18	29	99	1.56	39	12	49	1.0	< 2	1.93	20	20	4.72	< 10	< 1	0.40	78
390206	< 5	< 0.2	< 0.5	105	1420	< 1	34	4	137	2.29	12	< 10	331	1.0	< 2	2.03	25	58	6.16	10	< 1	0.38	99
390207	11	< 0.2	< 0.5	118	1080	< 1	35	27	134	2.26	17	< 10	54	1.1	< 2	1.78	31	60	6.28	10	2	0.41	90
390208	9	< 0.2	< 0.5	139	1050	< 1	34	23	132	2.28	13	11	71	1.2	< 2	2.34	29	66	6.37	10	1	0.49	93
390209	6	< 0.2	< 0.5	120	1260	< 1	37	11	124	2.20	8	13	162	1.5	< 2	3.57	29	65	6.60	10	2	0.55	89
390210	6	< 0.2	< 0.5	130	1180	< 1	35	14	112	2.31	11	15	240	1.7	< 2	3.37	27	70	6.35	10	2	0.74	86
390211	< 5	< 0.2	< 0.5	125	1160	< 1	33	8	121	2.17	10	11	124	1.3	< 2	2.63	27	61	6.27	10	2	0.54	80
390212	< 5	< 0.2	< 0.5	107	1400	< 1	33	8	111	1.96	7	10	241	1.2	< 2	4.38	25	59	6.00	10	2	0.46	83
390213	< 5	< 0.2	< 0.5	119	1290	< 1	32	8	110	1.90	7	< 10	560	0.9	< 2	4.25	24	56	6.00	10	< 1	0.37	86
390214	< 5	< 0.2	< 0.5	117	1450	< 1	35	9	115	2.14	8	12	249	1.2	< 2	2.96	24	73	5.95	10	2	0.57	88
390215	< 5	< 0.2	< 0.5	114	1440	1	31	9	120	2.19	7	14	286	1.4	< 2	2.29	23	55	5.51	< 10	2	0.64	101
390216	< 5	< 0.2	< 0.5	125	1030	< 1	27	10	100	2.26	8	18	198	1.6	< 2	2.90	20	52	4.97	< 10	2	0.94	83
390217	45	< 0.2	< 0.5	91	708	4	19	17	108	1.98	16	16	66	1.2	< 2	1.27	22	26	4.87	< 10	1	0.66	83
390218	16	< 0.2	< 0.5	64	874	2	16	18	82	1.85	6	17	75	1.3	< 2	1.23	19	19	4.40	< 10	< 1	0.76	82
390219	470	0.3	< 0.5	61	1470	2	9	16	96	1.51	31	13	45	0.9	< 2	1.27	16	8	4.34	< 10	< 1	0.47	92
390220	> 5000	2.0	1.2	120	553	22	49	799	213	0.70	> 10000	< 10	44	< 0.5	4	1.88	19	30	3.90	< 10	< 1	0.13	< 10
390221	331	< 0.2	< 0.5	47	877	3	9	17	80	1.57	42	17	67	1.3	< 2	1.10	14	7	3.80	< 10	< 1	0.71	91
390222	287	< 0.2	< 0.5	51	1130	4	9	22	100	1.54	20	15	50	1.0	< 2	1.17	16	10	4.05	< 10	< 1	0.60	84
390223	17	< 0.2	< 0.5	59	1080	3	8	20	93	1.56	7	17	151	1.0	< 2	1.09	15	11	3.95	< 10	< 1	0.64	90
390224	18	< 0.2	< 0.5	68	1300	4	8	24	99	1.59	5	17	85	1.0	< 2	1.14	18	8	4.10	< 10	< 1	0.70	96
390225	< 5	< 0.2	< 0.5	46	1230	2	8	19	94	1.61	6	18	163	1.1	< 2	1.27	13	9	3.94	< 10	< 1	0.75	94
390226	5	< 0.2	< 0.5	70	954	4	7	22	89	1.51	8	18	75	1.1	< 2	1.07	16	8	3.73	< 10	< 1	0.67	94
390227	7	< 0.2	< 0.5	64	1420	3	8	24	100	1.65	6	17	70	1.0	< 2	1.28	18	11	4.34	< 10	< 1	0.69	98
390228	8	< 0.2	< 0.5	71	1120	4	6	18	71	1.42	7	18	168	1.0	< 2	1.28	14	7	3.65	< 10	< 1	0.72	99
390229	7	< 0.2	< 0.5	57	1310	3	8	19	76	1.30	5	16	40	1.0	< 2	1.60	16	9	4.11	< 10	< 1	0.60	89
390230	7	< 0.2	< 0.5	41	1450	2	6	17	62	0.98	7	13	226	0.9	< 2	2.08	12	8	3.63	< 10	< 1	0.47	98
390231	< 5	< 0.2	< 0.5	54	1390	2	8	16	87	1.26	6	15	174	1.0	< 2	1.91	14	10	3.95	< 10	< 1	0.54	92
390232	< 5	< 0.2	< 0.5	62	1290	2	9	21	104	1.33	8	15	224	0.9	< 2	1.46	14	10	3.85	< 10	< 1	0.50	90
390233	< 5	< 0.2	< 0.5	51	1220	2	8	19	97	1.39	5	17	418	1.0	< 2	1.56	14	10	3.90	< 10	< 1	0.56	91
390234	5	< 0.2	< 0.5	61	1380	3	8	21	98	1.26	4	16	247	0.9	< 2	1.76	16	10	3.87	< 10	< 1	0.52	89
390235	128	< 0.2	< 0.5	39	1580	2	8	18	88	1.29	17	16	25	1.0	< 2	1.76	14	8	3.95	< 10	< 1	0.59	82
390236	111	< 0.2	< 0.5	85	1580	< 1	10	8	76	1.43	14	14	358	1.0	< 2	2.01	14	9	4.29	< 10	< 1	0.58	79
390237	11	< 0.2	< 0.5	28	1690	2	7	9	68	1.17	5	14	313	0.9	< 2	2.04	13	7	3.92	< 10	< 1	0.51	95
390238	< 5	< 0.2	< 0.5	69	1750	2	7	10	57	0.90	4	12	500	0.7	< 2	2.40	11	8	3.67	< 10	< 1	0.43	92
390239	16	< 0.2	< 0.5	52	1640	4	7	16	61	1.05	12	15	26	1.0	< 2	2.42	15	5	3.63	< 10	< 1	0.59	79
390240	< 5	< 0.2	< 0.5	< 1	47	< 1	< 1	< 2	3	0.05	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.41	< 10	< 1	< 0.01	< 10
390241	50	< 0.2	< 0.5	73	1880	4	8	18	109	1.49	8	16	156	1.0	< 2	2.09	15	8	4.21	< 10	< 1	0.56	88
390242	8	< 0.2	< 0.5	51	1140	3	8	14	103	1.55	4	14	55	1.0	< 2	1.21	17	9	4.01	< 10	< 1	0.53	83
390243	7	< 0.2	< 0.5	44	1510	3	6	11	64	1.30	16	15	105	1.0	< 2	1.81	16	8	3.54	< 10	< 1	0.64	75
390244	< 5	< 0.2	< 0.5	49	1500	2	7	23	68	1.21	7	15	198	1.0	< 2	1.78	13	8	3.57	< 10	< 1	0.58	87
390245	< 5	< 0.2	< 0.5	36	1410	1	6	39	58	1.11	7	16	87	1.0	< 2	1.92	11	7	3.35	< 10	< 1	0.61	84
390246	< 5	< 0.2	< 0.5	48	1170	< 1	8	24	86	1.21	11	15	47	0.9	< 2	1.40	15	9	3.61	< 10	< 1	0.57	83
390247	< 5	< 0.2	< 0.5	44	1400	1	8	27	86	1.24	7	15	120	1.0	< 2	2.02	12	11	3.57	< 10	< 1	0.54	83
390248	< 5	< 0.2	< 0.5	49	1480	< 1	7	22	89	1.21	8	14	111	0.9	< 2	2.02	14	8	4.02	< 10	< 1	0.46	87
390249	< 5	< 0.2	< 0.5	42	894	1	10	20	87	1.59	9	18	156	1.2	< 2	1.20	15	13	3.96	< 10	< 1	0.70	96
390250	< 5	< 0.2	< 0.5	49	1250	2	9	20	109	1.68	8	18	68	1.0	< 2	1.85	13	9	4.31	< 10	< 1	0.56	85
390251	6	< 0.2	< 0.5	61	1060	2	8	18	107	1.53	9	14	27	0.9	< 2	1.63	16	8	3.91	< 10	< 1	0.48	88
390252	11	< 0.2	< 0.5	45	782	2	9	28	97	1.65	17	19	21	1.2	< 2	1.15	17	9	4.04	< 10	< 1	0.71	91
390253	12	< 0.2	< 0.5	40	992	1	8	26	104	1.61	14	18	36	1.1	< 2	1.56	15	8	3.79	< 10	< 1	0.66	85
390254	7	< 0.2	< 0.5	42	565	1	9	31	96	1.63	15	21	29	1.1	< 2	0.71	16	9	3.63	< 10	< 1	0.91	88
390255	5	< 0.2	< 0.5	44	607	1	7	27	91	1.78	12	24	183	1.2	< 2	0.94	12	8	3.15	< 10	< 1	1.07	91

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
390256	< 5	< 0.2	< 0.5	46	869	1	8	30	110	1.76	12	19	150	1.0	< 2	1.27	15	7	3.97	< 10	< 1	0.75	85
390257	< 5	< 0.2	< 0.5	86	762	5	21	26	103	1.80	7	19	93	1.2	< 2	1.12	16	23	3.61	< 10	< 1	0.77	88
390258	5	< 0.2	< 0.5	129	703	< 1	262	10	68	2.54	7	< 10	82	0.7	< 2	2.90	25	310	3.57	10	< 1	0.14	31
390259	< 5	< 0.2	< 0.5	12	608	< 1	320	4	72	2.78	4	< 10	156	0.9	< 2	3.07	28	371	3.98	10	< 1	0.04	22
390260	> 5000	2.4	1.1	122	554	22	50	797	216	0.70	> 10000	< 10	44	< 0.5	4	1.88	19	31	3.90	< 10	< 1	0.14	< 10
390261	7	< 0.2	< 0.5	53	582	< 1	10	22	92	1.54	11	17	43	1.1	< 2	1.24	15	9	3.83	< 10	< 1	0.55	81
390262	5	< 0.2	< 0.5	40	649	2	10	25	87	1.89	7	22	55	1.2	< 2	0.96	16	15	3.98	< 10	< 1	0.75	86
390263	6	< 0.2	< 0.5	48	1240	7	8	19	76	1.85	12	21	60	1.2	< 2	1.25	17	8	4.20	< 10	< 1	0.75	87
390264	10	< 0.2	< 0.5	58	1550	4	8	17	58	1.84	14	22	55	1.4	< 2	1.89	18	6	3.99	< 10	< 1	0.87	75
390265	9	< 0.2	< 0.5	42	1630	3	7	15	38	1.14	9	16	40	0.9	< 2	2.49	15	5	3.04	< 10	< 1	0.65	76
390266	12	< 0.2	< 0.5	71	1440	2	8	19	69	1.24	13	19	50	0.9	< 2	1.71	15	8	4.05	< 10	< 1	0.70	80
390267	< 5	< 0.2	< 0.5	52	1560	2	6	17	59	1.27	11	21	178	1.0	< 2	1.71	12	6	3.52	< 10	< 1	0.77	85
390268	< 5	< 0.2	< 0.5	55	1450	2	6	17	55	1.05	9	18	343	0.9	< 2	1.82	12	5	3.51	< 10	< 1	0.65	86
390269	< 5	< 0.2	< 0.5	57	1680	2	6	12	32	0.84	11	14	304	0.7	< 2	2.30	13	6	3.44	< 10	< 1	0.50	81
390270	12	< 0.2	< 0.5	80	2020	2	8	5	42	1.03	13	13	283	0.7	< 2	3.37	16	4	3.33	< 10	< 1	0.61	43
390271	7	< 0.2	< 0.5	65	1900	4	8	8	40	1.17	18	14	164	0.9	< 2	2.94	13	4	3.11	< 10	< 1	0.58	71
390272	12	< 0.2	< 0.5	113	1790	7	8	11	33	1.30	50	15	207	1.0	< 2	2.47	13	4	2.95	< 10	< 1	0.63	86
390273	8	< 0.2	< 0.5	168	1660	8	7	14	44	1.33	28	16	152	1.0	< 2	1.99	17	7	3.80	< 10	< 1	0.62	85
390274	6	< 0.2	< 0.5	31	1950	6	6	14	46	0.88	8	14	93	0.8	< 2	2.95	14	8	3.64	< 10	< 1	0.47	71
390275	12	< 0.2	< 0.5	50	1530	6	10	16	51	1.01	12	16	189	1.0	< 2	2.01	15	11	3.58	< 10	< 1	0.61	88
390276	21	< 0.2	< 0.5	75	1580	3	6	15	42	0.86	14	14	211	0.8	< 2	2.28	17	7	3.84	< 10	< 1	0.51	87
390277	7	< 0.2	< 0.5	52	1230	< 1	4	16	42	0.88	9	13	286	0.8	< 2	1.65	12	6	3.29	< 10	< 1	0.52	90
390278	8	< 0.2	< 0.5	58	1210	1	4	15	40	0.88	11	13	215	0.8	< 2	1.85	11	6	3.20	< 10	< 1	0.53	93
390279	21	< 0.2	< 0.5	53	1170	1	4	15	38	0.94	20	16	198	0.9	< 2	1.90	13	6	3.11	< 10	< 1	0.54	85
390280	< 5	< 0.2	< 0.5	< 1	61	< 1	< 1	< 2	3	0.05	< 2	< 10	< 10	< 0.5	< 2	< 0.01	1	2	0.47	< 10	< 1	0.01	< 10
390281	< 5	< 0.2	< 0.5	43	1140	< 1	5	9	30	0.96	10	15	160	0.9	< 2	1.75	10	8	3.34	< 10	< 1	0.57	93
390282	110	< 0.2	< 0.5	82	1490	2	6	11	53	0.88	12	14	203	0.8	< 2	2.78	14	7	3.81	< 10	< 1	0.51	76
390283	94	< 0.2	< 0.5	180	1140	2	19	10	84	1.62	10	16	202	0.8	< 2	3.27	19	24	4.70	< 10	< 1	0.71	60
390284	122	0.5	< 0.5	107	1370	4	38	9	87	1.55	14	12	185	0.7	< 2	5.21	23	48	5.65	< 10	1	0.64	44
390285	136	0.3	< 0.5	152	1290	3	15	13	100	1.66	6	13	411	0.6	< 2	4.00	20	17	4.81	< 10	< 1	0.52	60
390286	259	< 0.2	< 0.5	110	1360	4	11	11	81	1.42	13	18	323	0.9	< 2	2.95	20	12	4.57	< 10	< 1	0.70	70
390287	90	< 0.2	< 0.5	112	1390	5	13	12	101	1.51	13	16	309	0.8	< 2	2.11	20	15	4.70	< 10	< 1	0.61	66
390288	16	< 0.2	< 0.5	84	1320	2	12	15	112	1.54	9	16	287	0.9	< 2	1.87	20	12	4.51	< 10	< 1	0.66	68
390289	11	< 0.2	< 0.5	50	1230	< 1	9	17	104	1.09	8	13	437	0.7	< 2	1.75	15	7	4.03	< 10	< 1	0.42	71
390290	428	2.1	< 0.5	50	817	4	9	29	71	1.33	38	20	45	1.1	< 2	0.88	18	8	3.23	< 10	< 1	0.71	86

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	0.03
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
390001	2.46	0.131	0.042	0.05	3	8	32	0.13	< 20	2	< 2	< 10	136	< 10	6	12	
390002	1.67	0.104	0.160	1.87	3	7	76	0.06	< 20	< 1	< 2	< 10	137	< 10	14	9	
390003	1.93	0.118	0.199	0.26	2	8	107	0.05	< 20	< 1	< 2	< 10	150	< 10	17	3	
390004	1.97	0.085	0.204	0.33	2	7	84	0.05	< 20	< 1	< 2	< 10	142	< 10	14	4	
390005	2.04	0.085	0.209	0.74	3	7	73	0.02	< 20	< 1	< 2	< 10	139	< 10	15	3	
390006	1.96	0.089	0.205	0.13	8	7	85	0.07	< 20	< 1	< 2	< 10	131	< 10	13	3	
390007	1.64	0.080	0.184	0.50	4	7	139	0.08	< 20	< 1	< 2	< 10	119	< 10	20	6	
390008	1.69	0.085	0.169	0.55	3	8	148	0.08	< 20	< 1	< 2	< 10	121	< 10	18	7	
390009	1.79	0.088	0.201	0.62	4	9	151	0.10	< 20	< 1	< 2	< 10	140	< 10	17	6	
390010	1.35	0.085	0.219	0.48	< 2	8	132	0.05	< 20	< 1	< 2	< 10	120	< 10	21	4	
390011	1.66	0.105	0.184	0.16	2	9	146	0.12	< 20	< 1	< 2	< 10	142	< 10	17	5	
390012	3.09	0.133	0.159	0.09	3	15	216	0.34	< 20	3	< 2	< 10	205	< 10	14	11	
390013	3.08	0.203	0.145	0.09	< 2	14	402	0.34	< 20	3	< 2	< 10	214	< 10	13	6	
390014	3.06	0.168	0.196	0.13	4	12	316	0.29	< 20	2	< 2	< 10	209	< 10	14	7	
390015	2.09	0.112	0.191	0.35	3	6	108	0.04	< 20	< 1	< 2	< 10	142	< 10	18	3	
390016	2.38	0.097	0.211	0.08	2	8	154	0.13	< 20	< 1	< 2	< 10	149	< 10	15	4	
390017	2.03	0.134	0.183	0.06	3	8	202	0.27	< 20	2	< 2	< 10	149	< 10	16	6	
390018	1.83	0.122	0.178	0.06	< 2	8	137	0.20	< 20	< 1	< 2	< 10	143	< 10	17	6	
390019	1.95	0.163	0.175	0.07	3	9	218	0.23	< 20	2	< 2	< 10	145	< 10	18	6	
390020	0.77	0.136	0.064	0.56	4	7	58	0.14	< 20	1	< 2	< 10	84	24	10	8	
390021	1.96	0.139	0.202	0.14	3	9	179	0.21	< 20	2	< 2	< 10	150	< 10	19	5	
390022	1.79	0.123	0.200	0.46	< 2	8	147	0.13	< 20	1	< 2	< 10	145	< 10	20	5	
390023	1.80	0.116	0.172	1.36	< 2	9	140	0.15	< 20	< 1	< 2	< 10	140	< 10	18	10	
390024	1.65	0.111	0.162	0.52	< 2	9	162	0.25	< 20	2	< 2	< 10	147	< 10	19	8	
390025	2.19	0.115	0.187	0.25	3	11	164	0.26	< 20	2	< 2	< 10	173	< 10	18	8	
390026	1.71	0.096	0.166	0.79	< 2	8	185	0.07	< 20	< 1	< 2	< 10	130	< 10	20	5	
390027	1.54	0.099	0.161	0.39	< 2	6	181	0.01	< 20	< 1	< 2	< 10	120	< 10	20	3	
390028	2.66	0.120	0.204	0.05	2	10	126	0.12	< 20	< 1	< 2	< 10	159	< 10	14	4	
390029	2.77	0.101	0.187	0.03	5	12	150	0.29	< 20	2	< 2	< 10	171	< 10	14	6	
390030	1.95	0.123	0.174	0.07	3	10	122	0.27	< 20	3	< 2	< 10	159	< 10	18	5	
390031	2.31	0.128	0.171	0.03	3	11	158	0.28	< 20	2	2	< 10	168	< 10	15	5	
390032	2.83	0.137	0.191	0.05	< 2	13	186	0.30	< 20	2	< 2	< 10	164	< 10	18	7	
390033	1.73	0.110	0.168	0.68	4	10	129	0.31	< 20	2	< 2	< 10	151	< 10	18	9	
390034	1.69	0.135	0.158	0.26	4	10	190	0.31	< 20	3	< 2	< 10	154	< 10	20	6	
390035	2.71	0.147	0.154	0.11	3	9	262	0.27	< 20	2	< 2	< 10	167	< 10	17	4	
390036	2.61	0.149	0.166	0.14	4	8	368	0.32	< 20	3	< 2	< 10	171	< 10	15	4	
390037	2.37	0.147	0.149	0.18	4	9	215	0.29	< 20	2	< 2	< 10	176	< 10	15	4	
390038	2.40	0.118	0.166	0.07	4	10	272	0.26	< 20	3	< 2	< 10	164	< 10	14	3	
390039	2.35	0.134	0.162	0.11	3	9	238	0.30	< 20	2	< 2	< 10	170	< 10	15	4	
390040	< 0.01	0.010	0.002	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2	
390041	2.20	0.132	0.185	0.02	7	8	378	0.33	< 20	3	< 2	< 10	168	< 10	14	5	
390042	2.43	0.153	0.164	0.20	4	9	252	0.30	< 20	2	< 2	< 10	163	< 10	15	5	
390043	2.42	0.169	0.181	0.08	4	9	340	0.32	< 20	3	< 2	< 10	157	< 10	14	6	
390044	3.03	0.141	0.215	0.18	2	11	135	0.20	< 20	< 1	< 2	< 10	163	< 10	16	6	
390045	2.56	0.108	0.203	0.32	3	10	109	0.05	< 20	< 1	< 2	< 10	170	< 10	17	3	
390046	2.91	0.100	0.202	0.32	4	12	106	0.09	< 20	< 1	< 2	< 10	190	< 10	16	5	
390047	2.43	0.098	0.209	0.28	3	10	109	< 0.01	< 20	< 1	< 2	< 10	158	< 10	16	2	
390048	2.28	0.091	0.198	0.44	3	8	113	< 0.01	< 20	< 1	< 2	< 10	139	< 10	18	3	
390049	2.58	0.090	0.205	0.20	3	11	125	0.02	< 20	< 1	< 2	< 10	148	< 10	17	3	
390050	2.04	0.089	0.185	0.49	4	8	108	0.01	< 20	< 1	< 2	< 10	144	< 10	18	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	0.03
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
390051	2.42	0.104	0.221	0.22	4	10	154	0.08	< 20	< 1	< 2	< 10	147	< 10	17	4	
390052	3.26	0.095	0.170	0.19	3	16	143	0.07	< 20	< 1	< 2	< 10	211	< 10	14	5	
390053	3.07	0.081	0.283	0.08	3	10	110	0.02	< 20	< 1	< 2	< 10	191	< 10	18	3	
390054	2.79	0.082	0.287	0.40	3	9	80	0.01	< 20	< 1	< 2	< 10	183	< 10	19	3	
390055	1.91	0.101	0.182	0.47	3	9	83	0.01	< 20	< 1	< 2	< 10	148	< 10	20	3	
390056	2.36	0.082	0.181	0.72	3	10	68	0.01	< 20	< 1	< 2	< 10	168	< 10	18	5	
390057	2.27	0.080	0.186	0.37	3	10	85	0.01	< 20	< 1	< 2	< 10	168	< 10	18	3	
390058	1.62	0.097	0.164	0.38	< 2	8	95	0.02	< 20	< 1	< 2	< 10	151	< 10	19	3	
390059	2.30	0.124	0.178	0.34	3	14	93	0.09	< 20	< 1	< 2	< 10	197	< 10	16	6	
390060	0.67	0.113	0.049	0.63	6	6	58	0.14	< 20	< 1	< 2	< 10	79	13	13	8	
390061	1.18	0.122	0.159	1.76	3	6	84	0.01	< 20	< 1	< 2	< 10	119	< 10	21	5	
390062	2.68	0.096	0.180	0.30	4	12	125	0.07	< 20	< 1	< 2	< 10	178	< 10	16	4	
390063	3.00	0.071	0.183	0.87	5	17	113	0.03	< 20	< 1	< 2	< 10	205	< 10	15	5	
390064	2.06	0.082	0.166	0.89	< 2	11	91	0.01	< 20	< 1	< 2	< 10	160	< 10	18	4	
390065	3.27	0.074	0.173	1.45	5	16	71	0.01	< 20	< 1	< 2	< 10	205	< 10	14	7	
390066	2.24	0.081	0.154	2.26	3	9	49	< 0.01	< 20	< 1	< 2	< 10	141	< 10	17	7	
390067	1.60	0.075	0.143	2.63	3	6	79	< 0.01	< 20	< 1	< 2	< 10	101	< 10	19	6	
390068	1.66	0.079	0.153	1.20	3	6	58	< 0.01	< 20	< 1	< 2	< 10	116	< 10	22	3	
390069	1.92	0.083	0.167	0.90	2	7	71	< 0.01	< 20	< 1	< 2	< 10	143	< 10	20	3	
390070	2.09	0.069	0.145	0.71	< 2	10	133	0.03	< 20	< 1	< 2	< 10	138	< 10	15	5	
390071	2.45	0.065	0.193	1.03	3	13	136	0.06	< 20	< 1	< 2	< 10	184	< 10	14	6	
390072	1.39	0.076	0.175	0.62	2	7	121	0.03	< 20	< 1	< 2	< 10	135	< 10	22	3	
390073	1.29	0.080	0.162	0.63	< 2	5	123	0.02	< 20	< 1	< 2	< 10	116	< 10	24	3	
390074	1.22	0.070	0.154	1.38	3	5	118	0.02	< 20	< 1	< 2	< 10	108	< 10	24	4	
390075	1.19	0.083	0.157	0.71	< 2	5	159	0.02	< 20	< 1	< 2	< 10	107	< 10	24	3	
390076	1.28	0.070	0.169	0.84	< 2	5	138	0.03	< 20	< 1	< 2	< 10	111	< 10	23	3	
390077	1.54	0.058	0.191	0.66	2	7	89	0.03	< 20	< 1	< 2	< 10	122	< 10	22	3	
390078	1.44	0.078	0.185	0.42	3	6	104	0.03	< 20	< 1	< 2	< 10	118	< 10	27	3	
390079	1.28	0.072	0.156	0.48	3	5	80	0.02	< 20	< 1	< 2	< 10	92	< 10	25	3	
390080	< 0.01	0.011	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2	
390081	1.14	0.061	0.164	0.41	2	4	89	0.02	< 20	< 1	< 2	< 10	91	< 10	23	2	
390082	1.60	0.084	0.155	0.26	2	5	76	0.01	< 20	< 1	< 2	< 10	101	< 10	25	2	
390083	1.21	0.077	0.153	0.73	2	5	120	0.03	< 20	< 1	< 2	< 10	104	< 10	25	3	
390084	1.20	0.082	0.143	0.41	2	4	122	0.03	< 20	< 1	< 2	< 10	106	< 10	25	3	
390085	1.28	0.078	0.147	0.66	< 2	5	128	0.03	< 20	< 1	< 2	< 10	107	< 10	23	3	
390086	1.19	0.075	0.139	0.80	< 2	5	182	0.03	< 20	1	< 2	< 10	101	< 10	23	4	
390087	1.84	0.088	0.293	0.18	7	9	217	0.03	< 20	< 1	< 2	< 10	158	< 10	20	2	
390088	1.88	0.084	0.193	0.33	2	8	209	0.06	< 20	< 1	< 2	< 10	143	< 10	20	4	
390089	1.41	0.076	0.163	0.64	3	6	142	0.06	< 20	< 1	< 2	< 10	123	< 10	23	5	
390090	1.70	0.073	0.173	1.27	3	8	139	0.09	< 20	< 1	< 2	< 10	136	< 10	23	7	
390091	1.37	0.071	0.151	1.70	2	5	139	0.03	< 20	< 1	< 2	< 10	104	< 10	24	5	
390092	2.23	0.056	0.181	0.87	3	13	159	0.13	< 20	< 1	< 2	< 10	175	< 10	15	7	
390093	2.90	0.075	0.188	0.20	3	13	230	0.19	< 20	< 1	< 2	< 10	179	< 10	14	7	
390094	2.45	0.066	0.215	1.26	3	14	142	0.13	< 20	< 1	< 2	< 10	184	< 10	15	8	
390095	1.60	0.074	0.144	1.53	2	7	245	0.04	< 20	< 1	< 2	< 10	103	< 10	20	6	
390096	1.29	0.069	0.126	0.66	3	4	230	0.02	< 20	< 1	< 2	< 10	53	< 10	21	3	
390097	1.01	0.073	0.137	1.01	3	4	183	0.02	< 20	< 1	< 2	< 10	70	< 10	23	3	
390098	1.05	0.080	0.135	1.01	3	4	178	0.02	< 20	< 1	< 2	< 10	78	< 10	24	4	
390099	0.98	0.080	0.139	0.80	3	4	169	0.02	< 20	< 1	< 2	< 10	88	< 10	23	4	
390100	0.65	0.109	0.046	0.61	7	6	56	0.14	< 20	1	< 2	< 10	76	12	12	7	

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	0.03
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
390101	1.06	0.077	0.136	1.14	2	4	222	0.03	< 20	< 1	< 2	< 10	88	< 10	25	4	
390102	1.09	0.081	0.144	0.97	3	4	182	0.04	< 20	< 1	< 2	< 10	97	< 10	25	4	
390103	1.06	0.081	0.152	0.80	3	5	169	0.05	< 20	< 1	< 2	< 10	100	< 10	25	5	
390104	1.15	0.076	0.167	0.87	3	6	172	0.17	< 20	2	< 2	< 10	119	< 10	23	6	
390105	1.64	0.080	0.177	1.28	3	9	114	0.25	< 20	2	< 2	< 10	152	< 10	21	10	
390106	3.30	0.077	0.132	0.47	2	7	118	0.16	< 20	< 1	< 2	< 10	104	< 10	11	6	
390107	3.51	0.215	0.090	0.04	3	4	269	0.12	< 20	3	< 2	< 10	54	< 10	5	3	
390108	3.92	0.194	0.089	0.05	< 2	4	365	0.15	< 20	6	< 2	< 10	63	< 10	5	5	
390109	2.40	0.078	0.124	0.42	3	5	115	0.02	< 20	< 1	< 2	< 10	90	< 10	15	3	
390110	1.52	0.075	0.174	1.15	3	7	102	0.05	< 20	< 1	< 2	< 10	121	< 10	22	5	
390111	1.28	0.070	0.157	1.35	2	5	95	0.03	< 20	< 1	< 2	< 10	85	< 10	23	5	
390112	1.18	0.071	0.152	1.37	3	4	121	0.03	< 20	< 1	< 2	< 10	85	< 10	25	4	
390113	1.00	0.073	0.149	1.21	2	3	127	0.02	< 20	< 1	< 2	< 10	80	< 10	25	4	
390114	1.14	0.073	0.151	1.37	2	4	129	0.03	< 20	< 1	< 2	< 10	78	< 10	27	4	
390115	1.11	0.076	0.147	1.72	3	3	120	0.02	< 20	< 1	< 2	< 10	74	< 10	26	5	
390116	1.09	0.075	0.142	1.30	< 2	3	168	0.01	< 20	< 1	< 2	< 10	78	< 10	24	4	
390117	1.17	0.068	0.148	1.61	3	4	159	0.01	< 20	< 1	< 2	< 10	67	< 10	24	3	
390118	1.00	0.065	0.149	1.57	< 2	3	179	< 0.01	< 20	< 1	< 2	< 10	54	< 10	22	3	
390119	1.16	0.076	0.143	1.45	2	4	144	< 0.01	< 20	< 1	< 2	< 10	73	< 10	22	4	
390120	0.01	0.015	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
390121	1.28	0.077	0.140	1.78	2	4	91	< 0.01	< 20	< 1	< 2	< 10	74	< 10	24	4	
390122	1.12	0.067	0.139	1.58	3	4	110	0.01	< 20	< 1	< 2	< 10	56	< 10	18	3	
390123	1.29	0.077	0.132	1.58	2	4	178	< 0.01	< 20	< 1	< 2	< 10	60	< 10	24	3	
390124	1.01	0.071	0.140	1.41	3	3	208	0.01	< 20	< 1	< 2	< 10	65	< 10	22	4	
390125	1.11	0.071	0.144	1.64	2	4	182	< 0.01	< 20	< 1	< 2	< 10	66	< 10	24	4	
390126	0.95	0.072	0.147	1.37	2	4	176	0.01	< 20	< 1	< 2	< 10	62	< 10	25	3	
390127	0.98	0.076	0.143	0.84	< 2	4	148	0.01	< 20	< 1	< 2	< 10	65	< 10	23	3	
390128	0.81	0.058	0.151	1.33	2	3	115	< 0.01	< 20	< 1	< 2	< 10	51	< 10	24	3	
390129	1.09	0.070	0.144	1.20	3	4	178	0.01	< 20	< 1	< 2	< 10	68	< 10	22	3	
390130	0.94	0.074	0.141	0.97	< 2	4	182	0.02	< 20	< 1	< 2	< 10	57	< 10	21	3	
390131	1.28	0.081	0.138	1.33	< 2	4	157	< 0.01	< 20	< 1	< 2	< 10	58	< 10	23	3	
390132	1.16	0.077	0.140	1.27	< 2	4	120	0.01	< 20	< 1	< 2	< 10	64	< 10	23	3	
390133	1.45	0.077	0.139	1.45	3	4	88	< 0.01	< 20	< 1	< 2	< 10	76	< 10	23	3	
390134	1.32	0.084	0.142	1.29	< 2	4	93	0.01	< 20	< 1	< 2	< 10	80	< 10	23	4	
390135	0.98	0.080	0.159	0.69	< 2	4	61	0.02	< 20	< 1	< 2	< 10	91	< 10	23	3	
390136	1.27	0.082	0.146	1.00	< 2	4	100	0.01	< 20	< 1	< 2	< 10	85	< 10	23	3	
390137	1.11	0.078	0.147	0.63	3	4	114	0.02	< 20	< 1	< 2	< 10	87	< 10	25	3	
390138	1.01	0.074	0.165	1.07	3	5	121	0.05	< 20	< 1	< 2	< 10	99	< 10	22	5	
390139	0.99	0.073	0.136	1.17	2	3	187	0.01	< 20	< 1	< 2	< 10	62	< 10	22	3	
390140	0.78	0.135	0.064	0.56	5	7	59	0.14	< 20	1	< 2	< 10	86	23	10	8	
390141	1.46	0.185	0.114	0.75	4	4	85	0.06	< 20	< 1	< 2	< 10	73	< 10	16	4	
390142	1.19	0.099	0.164	0.18	< 2	5	133	0.02	< 20	< 1	< 2	< 10	115	< 10	23	2	
390143	1.73	0.124	0.192	0.13	< 2	8	149	0.05	< 20	1	< 2	< 10	131	< 10	20	3	
390144	1.45	0.095	0.164	0.25	2	7	153	0.03	< 20	< 1	< 2	< 10	130	< 10	23	3	
390145	1.59	0.069	0.170	1.59	4	8	74	0.03	< 20	< 1	< 2	< 10	131	< 10	21	5	
390146	2.03	0.082	0.193	0.62	4	11	115	0.10	< 20	< 1	< 2	< 10	168	< 10	18	6	
390147	2.34	0.074	0.186	0.42	2	14	163	0.10	< 20	< 1	< 2	< 10	181	< 10	15	5	
390148	1.75	0.085	0.176	0.70	3	9	201	0.06	< 20	< 1	< 2	< 10	145	< 10	20	4	
390149	1.89	0.074	0.184	0.86	6	10	180	0.07	< 20	< 1	< 2	< 10	164	< 10	19	5	
390150	1.49	0.073	0.166	1.22	< 2	8	198	0.03	< 20	< 1	< 2	< 10	129	< 10	21	4	

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	0.03
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
390151	1.37	0.078	0.165	1.18	3	7	115	0.03	< 20	< 1	< 2	< 10	124	< 10	22	4	
390152	1.29	0.090	0.164	0.41	3	7	155	0.03	< 20	< 1	< 2	< 10	126	< 10	24	3	
390153	1.68	0.077	0.177	0.86	3	7	131	0.02	< 20	< 1	< 2	< 10	144	< 10	22	3	
390154	3.21	0.059	0.187	0.18	3	10	151	0.02	< 20	< 1	< 2	< 10	122	< 10	14	2	
390155	5.17	0.034	0.181	0.03	5	14	162	0.02	< 20	< 1	< 2	< 10	129	< 10	11	2	
390156	2.06	0.087	0.185	1.22	2	9	128	0.04	< 20	< 1	< 2	< 10	158	< 10	20	4	
390157	2.23	0.088	0.196	0.84	4	10	124	0.05	< 20	< 1	< 2	< 10	174	< 10	18	5	
390158	2.08	0.091	0.191	0.21	3	12	168	0.15	< 20	< 1	< 2	< 10	181	< 10	16	5	
390159	1.85	0.082	0.206	0.59	< 2	8	136	0.03	< 20	< 1	< 2	< 10	137	< 10	17	3	
390160	0.01	0.013	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390161	2.55	0.099	0.210	0.38	3	10	105	0.06	< 20	< 1	< 2	< 10	161	< 10	14	4	
390162	2.60	0.088	0.222	0.82	2	9	95	0.04	< 20	< 1	< 2	< 10	162	< 10	15	4	
390163	2.38	0.119	0.170	0.14	3	11	277	0.27	< 20	2	< 2	< 10	167	< 10	15	5	
390164	2.49	0.145	0.161	0.08	4	11	492	0.25	< 20	2	< 2	< 10	176	< 10	15	3	
390165	2.50	0.096	0.214	0.23	< 2	9	175	0.14	< 20	< 1	< 2	< 10	163	< 10	15	4	
390166	2.44	0.085	0.222	0.34	4	9	181	0.11	< 20	< 1	< 2	< 10	158	< 10	14	4	
390167	2.05	0.097	0.215	0.57	7	9	119	0.10	< 20	< 1	< 2	< 10	147	< 10	15	5	
390168	1.84	0.080	0.229	0.32	2	9	131	0.07	< 20	< 1	< 2	< 10	134	< 10	15	3	
390169	2.37	0.132	0.212	0.03	4	10	182	0.19	< 20	1	< 2	< 10	166	< 10	15	5	
390170	2.37	0.095	0.215	0.02	3	9	133	0.09	< 20	< 1	< 2	< 10	151	< 10	14	3	
390171	2.36	0.079	0.224	0.07	3	9	89	0.01	< 20	< 1	< 2	< 10	121	< 10	15	2	
390172	1.90	0.065	0.223	0.14	3	8	78	< 0.01	< 20	< 1	< 2	< 10	91	< 10	13	2	
390173	1.42	0.051	0.230	0.03	3	8	86	< 0.01	< 20	< 1	< 2	< 10	62	< 10	12	1	
390174	1.63	0.041	0.210	0.05	< 2	9	112	< 0.01	< 20	< 1	< 2	< 10	43	< 10	12	1	
390175	2.04	0.040	0.187	0.10	2	9	131	< 0.01	< 20	< 1	< 2	< 10	45	< 10	11	2	
390176	1.83	0.046	0.220	0.04	< 2	9	116	< 0.01	< 20	< 1	< 2	< 10	35	< 10	12	1	
390177	1.72	0.064	0.232	0.14	4	8	88	< 0.01	< 20	< 1	< 2	< 10	38	< 10	12	2	
390178	1.71	0.061	0.228	0.11	2	9	102	< 0.01	< 20	< 1	< 2	< 10	44	< 10	12	2	
390179	1.99	0.077	0.226	0.28	4	10	127	0.02	< 20	< 1	< 2	< 10	89	< 10	13	2	
390180	0.68	0.040	0.031	0.98	6	3	46	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	8.62
390181	2.24	0.074	0.232	0.22	5	10	87	0.01	< 20	< 1	< 2	< 10	130	< 10	14	2	
390182	2.26	0.079	0.228	0.14	4	9	104	0.01	< 20	< 1	< 2	< 10	132	< 10	13	2	
390183	2.45	0.096	0.216	0.06	3	9	132	0.02	< 20	< 1	< 2	< 10	134	< 10	14	3	
390184	2.13	0.079	0.235	0.15	3	9	136	0.02	< 20	< 1	< 2	< 10	169	< 10	14	3	
390185	1.92	0.067	0.234	0.46	2	9	159	< 0.01	< 20	< 1	< 2	< 10	79	< 10	12	2	
390186	1.80	0.067	0.206	0.27	4	9	155	< 0.01	< 20	< 1	< 2	< 10	46	< 10	10	2	
390187	2.28	0.095	0.188	0.18	2	9	156	0.01	< 20	< 1	< 2	< 10	93	< 10	12	3	
390188	2.44	0.144	0.195	0.06	3	10	214	0.01	< 20	< 1	< 2	< 10	79	< 10	12	2	
390189	2.27	0.094	0.208	0.13	3	9	202	0.02	< 20	< 1	< 2	< 10	97	< 10	12	3	
390190	2.69	0.089	0.202	0.09	4	11	118	0.03	< 20	< 1	< 2	< 10	140	< 10	13	4	
390191	2.10	0.092	0.181	0.42	2	8	89	< 0.01	< 20	< 1	< 2	< 10	134	< 10	16	5	
390192	2.09	0.084	0.204	0.16	4	10	118	0.03	< 20	< 1	< 2	< 10	153	< 10	15	4	
390193	1.78	0.080	0.178	0.36	3	9	131	0.04	< 20	< 1	< 2	< 10	134	< 10	17	5	
390194	1.08	0.071	0.146	0.76	< 2	4	123	0.01	< 20	< 1	< 2	< 10	76	< 10	22	3	
390195	0.97	0.059	0.144	1.27	4	4	137	0.01	< 20	< 1	< 2	< 10	61	< 10	21	5	
390196	1.07	0.074	0.144	2.08	3	5	133	0.02	< 20	1	< 2	< 10	73	< 10	21	6	
390197	1.18	0.069	0.145	1.10	2	6	130	0.05	< 20	1	< 2	< 10	95	< 10	22	6	
390198	0.95	0.081	0.150	0.60	2	4	147	0.04	< 20	< 1	< 2	< 10	91	< 10	23	5	
390199	1.25	0.071	0.153	0.69	3	6	172	0.04	< 20	< 1	< 2	< 10	105	< 10	22	5	
390200	< 0.01	0.013	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	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	0.03
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
390201	1.49	0.071	0.146	1.19	3	7	150	0.06	< 20	< 1	< 2	< 10	112	< 10	21	8	
390202	1.73	0.080	0.158	0.92	3	9	161	0.08	< 20	2	< 2	< 10	129	< 10	21	9	
390203	1.59	0.078	0.165	0.55	< 2	8	177	0.05	< 20	< 1	< 2	< 10	134	< 10	22	5	
390204	1.29	0.090	0.151	0.99	2	6	175	0.04	< 20	1	< 2	< 10	112	< 10	23	5	
390205	1.44	0.072	0.181	1.20	3	6	106	0.01	< 20	< 1	< 2	< 10	105	< 10	22	4	
390206	2.22	0.108	0.302	0.19	6	9	78	0.01	< 20	< 1	< 2	< 10	159	< 10	16	2	
390207	2.16	0.066	0.304	0.76	3	8	73	0.01	< 20	< 1	< 2	< 10	154	< 10	20	3	
390208	2.04	0.076	0.300	0.32	4	8	97	0.02	< 20	< 1	< 2	< 10	161	< 10	19	3	
390209	1.81	0.077	0.301	0.26	3	9	195	0.02	< 20	< 1	< 2	< 10	157	< 10	23	2	
390210	1.70	0.085	0.306	0.28	3	9	213	0.03	< 20	< 1	< 2	< 10	157	< 10	21	3	
390211	1.96	0.078	0.309	0.41	4	9	139	0.03	< 20	< 1	< 2	< 10	169	< 10	18	3	
390212	1.79	0.096	0.279	0.13	3	9	218	0.03	< 20	< 1	< 2	< 10	162	< 10	20	2	
390213	1.74	0.119	0.286	0.15	3	8	234	0.02	< 20	< 1	< 2	< 10	149	< 10	19	3	
390214	1.95	0.081	0.295	0.26	3	7	99	0.02	< 20	< 1	< 2	< 10	135	< 10	18	2	
390215	1.89	0.082	0.307	0.21	4	7	73	0.02	< 20	< 1	< 2	< 10	128	< 10	20	2	
390216	1.41	0.061	0.307	0.21	4	6	200	0.02	< 20	< 1	< 2	< 10	118	< 10	19	2	
390217	1.27	0.067	0.198	0.96	5	5	84	0.02	< 20	< 1	< 2	< 10	102	< 10	24	3	
390218	1.09	0.073	0.169	0.79	4	5	82	0.03	< 20	< 1	< 2	< 10	102	< 10	23	3	
390219	1.20	0.064	0.147	0.94	3	4	59	0.02	< 20	< 1	< 2	< 10	86	< 10	25	4	
390220	0.67	0.042	0.032	0.96	5	3	46	0.02	< 20	3	< 2	< 10	27	< 10	4	10	8.13
390221	0.86	0.059	0.166	1.31	3	4	58	0.02	< 20	< 1	< 2	< 10	84	< 10	27	4	
390222	0.99	0.070	0.149	1.33	< 2	4	90	0.03	< 20	< 1	< 2	< 10	83	< 10	26	6	
390223	0.93	0.089	0.143	0.54	3	4	84	0.04	< 20	< 1	< 2	< 10	90	< 10	23	7	
390224	0.97	0.080	0.146	0.96	3	4	86	0.05	< 20	< 1	< 2	< 10	89	< 10	27	7	
390225	0.88	0.090	0.151	0.23	3	4	93	0.04	< 20	< 1	< 2	< 10	95	< 10	25	4	
390226	0.82	0.074	0.153	0.89	3	4	85	0.04	< 20	< 1	< 2	< 10	85	< 10	26	5	
390227	0.97	0.085	0.151	0.88	2	5	102	0.04	< 20	< 1	< 2	< 10	91	< 10	26	4	
390228	0.76	0.082	0.155	0.36	< 2	4	121	0.03	< 20	< 1	< 2	< 10	82	< 10	26	3	
390229	0.85	0.079	0.149	0.91	3	4	152	0.02	< 20	< 1	< 2	< 10	77	< 10	24	4	
390230	0.80	0.091	0.149	0.31	< 2	4	184	0.02	< 20	< 1	< 2	< 10	68	< 10	23	3	
390231	0.97	0.088	0.156	0.28	< 2	4	198	0.02	< 20	< 1	< 2	< 10	92	< 10	25	2	
390232	0.99	0.100	0.148	0.23	2	4	166	0.02	< 20	< 1	< 2	< 10	91	< 10	24	3	
390233	1.00	0.116	0.148	0.16	3	4	172	0.03	< 20	< 1	< 2	< 10	95	< 10	23	3	
390234	1.00	0.098	0.143	0.30	2	4	202	0.03	< 20	1	< 2	< 10	86	< 10	24	3	
390235	1.02	0.074	0.146	0.66	3	4	188	0.03	< 20	< 1	< 2	< 10	81	< 10	26	3	
390236	1.14	0.099	0.186	0.14	< 2	4	133	0.02	< 20	< 1	< 2	< 10	86	< 10	18	2	
390237	1.02	0.095	0.151	0.23	2	4	186	0.02	< 20	< 1	< 2	< 10	76	< 10	21	2	
390238	1.00	0.119	0.137	0.09	< 2	3	213	0.03	< 20	1	< 2	< 10	64	< 10	22	3	
390239	0.92	0.062	0.144	1.44	2	4	318	0.02	< 20	1	< 2	< 10	53	< 10	24	5	
390240	< 0.01	0.014	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390241	1.35	0.087	0.152	0.39	2	4	289	0.04	< 20	< 1	< 2	< 10	87	< 10	26	5	
390242	1.09	0.074	0.148	1.06	2	4	146	0.02	< 20	< 1	< 2	< 10	75	< 10	26	5	
390243	0.92	0.075	0.143	0.74	2	4	154	0.01	< 20	< 1	< 2	< 10	72	< 10	23	3	
390244	0.85	0.094	0.138	0.30	3	4	165	0.02	< 20	< 1	< 2	< 10	82	< 10	23	3	
390245	0.76	0.075	0.145	0.60	< 2	4	200	0.02	< 20	< 1	< 2	< 10	71	< 10	22	3	
390246	0.79	0.067	0.141	0.91	< 2	4	131	0.03	< 20	1	< 2	< 10	76	< 10	23	4	
390247	0.79	0.081	0.135	0.35	3	4	232	0.03	< 20	< 1	< 2	< 10	85	< 10	22	3	
390248	0.84	0.087	0.138	0.55	< 2	4	214	0.03	< 20	1	< 2	< 10	91	< 10	26	4	
390249	0.83	0.090	0.144	0.43	5	4	175	0.04	< 20	< 1	< 2	< 10	99	< 10	25	4	
390250	1.00	0.085	0.141	0.61	5	4	274	0.04	< 20	< 1	< 2	< 10	94	< 10	25	5	

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	0.03
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
390251	0.97	0.076	0.138	1.18	4	3	300	0.02	< 20	< 1	< 2	< 10	81	< 10	24	5	
390252	0.89	0.072	0.149	1.74	4	4	250	0.03	< 20	< 1	< 2	< 10	83	< 10	29	8	
390253	0.90	0.068	0.138	1.35	5	3	168	0.03	< 20	< 1	< 2	< 10	82	< 10	26	7	
390254	0.82	0.067	0.149	1.50	6	3	92	0.06	< 20	< 1	< 2	< 10	82	< 10	27	10	
390255	0.72	0.080	0.152	0.36	6	3	118	0.06	< 20	1	< 2	< 10	87	< 10	23	5	
390256	0.85	0.078	0.148	0.45	9	3	107	0.05	< 20	< 1	< 2	< 10	89	< 10	23	5	
390257	1.08	0.074	0.149	0.76	6	4	81	0.05	< 20	< 1	< 2	< 10	89	< 10	24	5	
390258	3.85	0.067	0.098	0.39	3	6	146	0.02	< 20	4	< 2	< 10	71	< 10	8	5	
390259	4.53	0.062	0.093	0.02	3	7	129	< 0.01	< 20	< 1	< 2	< 10	73	< 10	6	3	
390260	0.67	0.043	0.032	0.96	5	3	46	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	8.56
390261	1.00	0.080	0.146	1.03	5	4	123	0.03	< 20	< 1	< 2	< 10	100	< 10	21	6	
390262	1.03	0.067	0.143	1.11	6	4	115	0.02	< 20	< 1	< 2	< 10	94	< 10	24	6	
390263	1.12	0.063	0.148	1.13	7	4	85	0.01	< 20	< 1	< 2	< 10	83	< 10	23	5	
390264	1.08	0.057	0.135	1.19	5	4	132	0.01	< 20	< 1	< 2	< 10	62	< 10	22	4	
390265	0.91	0.064	0.142	1.05	3	4	172	< 0.01	< 20	< 1	2	< 10	44	< 10	21	3	
390266	0.96	0.068	0.167	0.62	7	4	207	0.02	< 20	< 1	< 2	< 10	71	< 10	21	2	
390267	0.92	0.087	0.147	0.32	8	4	172	0.02	< 20	< 1	< 2	< 10	69	< 10	20	3	
390268	0.86	0.103	0.141	0.18	5	4	203	0.02	< 20	2	< 2	< 10	59	< 10	19	3	
390269	0.86	0.093	0.143	0.15	6	4	197	0.01	< 20	< 1	< 2	< 10	60	< 10	17	3	
390270	1.21	0.080	0.149	0.08	4	6	175	< 0.01	< 20	< 1	< 2	< 10	35	< 10	10	2	
390271	1.14	0.060	0.150	0.10	4	4	150	< 0.01	< 20	< 1	< 2	< 10	33	< 10	15	2	
390272	0.93	0.075	0.146	0.18	4	4	121	< 0.01	< 20	< 1	< 2	< 10	39	< 10	17	2	
390273	0.93	0.068	0.145	0.37	13	4	203	0.01	< 20	< 1	< 2	< 10	64	< 10	18	2	
390274	1.20	0.084	0.146	0.31	6	4	416	0.01	< 20	< 1	< 2	< 10	65	< 10	17	2	
390275	0.86	0.078	0.140	0.32	21	4	288	0.02	< 20	< 1	< 2	< 10	76	< 10	19	2	
390276	0.75	0.102	0.146	0.25	14	4	183	0.01	< 20	< 1	< 2	< 10	82	< 10	21	2	
390277	0.52	0.093	0.150	0.05	11	3	155	< 0.01	< 20	< 1	< 2	< 10	60	< 10	20	2	
390278	0.55	0.089	0.151	0.07	13	3	174	0.01	< 20	< 1	< 2	< 10	71	< 10	20	2	
390279	0.61	0.084	0.150	0.21	6	3	180	0.01	< 20	< 1	< 2	< 10	66	< 10	20	2	
390280	< 0.01	0.015	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390281	0.56	0.078	0.143	0.04	5	3	109	0.01	< 20	1	< 2	< 10	78	< 10	20	2	
390282	0.92	0.090	0.153	0.33	4	4	182	0.01	< 20	< 1	< 2	< 10	75	< 10	19	2	
390283	1.46	0.085	0.222	0.28	3	6	376	0.03	< 20	< 1	< 2	< 10	106	< 10	17	2	
390284	1.96	0.079	0.164	0.45	5	12	479	0.06	< 20	< 1	< 2	< 10	128	< 10	14	8	
390285	1.57	0.111	0.215	0.19	3	7	472	0.03	< 20	< 1	< 2	< 10	109	< 10	17	3	
390286	1.26	0.095	0.239	0.24	5	6	269	0.02	< 20	< 1	< 2	< 10	104	< 10	19	2	
390287	1.33	0.093	0.226	0.17	10	6	289	0.02	< 20	< 1	< 2	< 10	111	< 10	18	2	
390288	1.26	0.093	0.206	0.05	13	6	288	0.03	< 20	< 1	< 2	< 10	112	< 10	19	2	
390289	0.95	0.123	0.169	0.03	12	5	272	0.02	< 20	< 1	< 2	< 10	96	< 10	17	2	
390290	0.53	0.065	0.157	0.74	11	3	189	0.02	< 20	2	< 2	< 10	74	13	21	4	

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas		0.3	< 0.5	68	1020	1	23	95	120	6.75	213	< 10	798	0.8	2	0.15	13	78	5.40	20	2	1.09	< 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		0.3	< 0.5	70	1050	1	25	99	124	6.87	217	< 10	762	0.8	< 2	0.13	14	80	5.57	20	< 1	1.09	< 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		0.3	< 0.5	67	999	1	23	94	117	6.59	200	< 10	805	0.8	< 2	0.14	13	75	5.27	20	2	1.06	< 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	2260	758	< 1	37	57	254	2.81	6		77	0.7	10	0.41	20	45	5.17	< 10		0.47	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.9	< 0.5	2270	761	< 1	37	60	257	2.81	4		75	0.7	8	0.41	19	47	5.13	< 10		0.46	36
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		1.0	< 0.5	2180	738	< 1	34	56	254	2.72	6		74	0.7	9	0.40	19	44	4.97	< 10		0.46	35
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4460	875	< 1	35	83	336	2.85	7		64	0.6	34	0.41	23	42	5.96	< 10		0.41	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		3.4	< 0.5	4460	864	< 1	35	84	335	2.83	5		61	0.6	27	0.41	23	43	5.92	< 10		0.40	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.8	< 0.5	4580	857	< 1	36	82	330	2.81	4		60	0.6	31	0.41	22	42	5.85	< 10		0.41	33
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		10.7		> 10000				91	413						99		48						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		10.4		> 10000				89	404						79		48						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		10.2		> 10000				85	402						92		46						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua Regia) Meas		68.1	292	3690	535	13	25	> 5000	> 10000	1.73	76			0.6	8	1.65	30	30	3.38	10	4	0.38	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua		67.6	297	3660	537	12	26	> 5000	> 10000	1.74	75			0.6	5	1.67	30	29	3.36	10	4	0.37	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
Oreas 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		67.2	285	3570	528	13	25	> 5000	> 10000	1.71	73			0.6	5	1.64	30	28	3.29	< 10	4	0.37	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas	3020																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	2970																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3010																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3070																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3080																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3030																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	491																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	491																						
Oreas E1336 (Fire	510																						

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
Assay) Cert																							
Oreas E1336 (Fire Assay) Meas	492																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	508																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	492																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
390008 Orig		< 0.2	< 0.5	57	1110	5	27	12	88	1.85	5	11	111	1.0	< 2	2.63	17	47	4.69	< 10	< 1	0.79	60
390008 Dup		< 0.2	< 0.5	58	1120	5	28	11	89	1.86	6	11	104	1.0	< 2	2.66	17	48	4.72	< 10	2	0.79	60
390009 Orig	30																						
390009 Dup	29																						
390022 Orig	13																						
390022 Dup	15																						
390023 Orig		0.2	< 0.5	184	1100	18	43	11	95	1.46	6	< 10	30	1.1	< 2	2.93	24	109	4.76	< 10	< 1	0.57	66
390023 Dup		0.3	< 0.5	188	1120	17	43	14	94	1.48	8	< 10	32	1.1	< 2	2.96	24	112	4.83	< 10	2	0.58	67
390032 Orig	20	< 0.2	< 0.5	78	1220	< 1	74	6	102	2.09	6	< 10	399	1.4	2	3.54	24	182	5.63	10	3	0.99	71
390032 Dup	21	< 0.2	< 0.5	76	1210	< 1	73	7	100	2.06	7	< 10	392	1.3	< 2	3.48	25	179	5.53	10	2	0.97	70
390044 Orig	9																						
390044 Dup	9																						
390049 Orig	14																						
390049 Dup	14																						
390050 Orig	20	< 0.2	< 0.5	63	1220	1	34	5	100	1.83	11	< 10	91	0.8	< 2	2.40	21	74	5.19	10	2	0.16	71
390050 Split PREP DUP	17	< 0.2	< 0.5	62	1230	1	34	5	100	1.89	9	< 10	80	0.8	< 2	2.45	21	73	5.11	10	2	0.17	72
390050 Split PREP DUP		< 0.2	< 0.5	62	1230	1	34	5	100	1.89	9	< 10	80	0.8	< 2	2.45	21	73	5.11	10	2	0.17	72
390053 Orig	10																						
390053 Dup	12																						
390057 Orig	14																						
390057 Dup	13																						
390070 Orig		< 0.2	< 0.5	66	1100	2	66	4	73	1.92	7	< 10	48	0.8	< 2	3.80	24	89	5.34	< 10	2	0.33	50
390070 Dup		< 0.2	< 0.5	64	1100	2	64	3	74	1.92	9	< 10	47	0.8	< 2	3.77	23	88	5.36	10	2	0.32	49
390078 Orig	17																						

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
390078 Dup	15																						
390085 Orig		< 0.2	< 0.5	64	1220	3	16	15	97	1.61	5	12	66	1.1	< 2	1.89	19	24	4.22	< 10	< 1	0.44	74
390085 Dup		< 0.2	< 0.5	66	1230	3	17	16	98	1.66	6	12	69	1.1	< 2	1.93	20	24	4.32	< 10	< 1	0.45	76
390088 Orig	8																						
390088 Dup	6																						
390092 Orig	7																						
390092 Dup	6																						
390094 Orig		< 0.2	< 0.5	101	1200	1	63	6	115	2.73	13	12	31	1.1	< 2	3.15	33	92	7.00	10	< 1	1.19	49
390094 Dup		< 0.2	< 0.5	100	1200	1	62	6	114	2.71	16	12	29	1.1	< 2	3.14	33	91	6.94	10	1	1.17	48
390101 Orig	29	< 0.2	< 0.5	76	1240	4	8	19	102	1.58	29	15	33	1.0	< 2	2.32	17	9	4.00	< 10	< 1	0.47	76
390101 Split PREP DUP	24	< 0.2	< 0.5	77	1260	4	9	19	102	1.59	28	15	31	1.0	< 2	2.36	17	10	4.03	< 10	< 1	0.46	74
390112 Orig	6	< 0.2	< 0.5	60	932	2	13	16	102	1.82	12	16	32	1.1	< 2	1.36	17	16	4.31	< 10	< 1	0.60	66
390112 Dup	7	< 0.2	< 0.5	59	936	2	12	16	103	1.84	12	16	33	1.1	< 2	1.36	17	16	4.28	< 10	< 1	0.61	67
390122 Orig	11																						
390122 Dup	10																						
390126 Orig	9																						
390126 Dup	11																						
390127 Orig		< 0.2	< 0.5	60	1610	9	7	13	57	1.28	8	15	66	1.0	< 2	1.92	14	6	3.57	< 10	< 1	0.57	76
390127 Dup		< 0.2	< 0.5	59	1590	9	7	12	57	1.26	9	15	56	0.9	< 2	1.90	15	6	3.52	< 10	< 1	0.56	75
390142 Orig		< 0.2	< 0.5	36	1060	< 1	10	8	93	1.27	3	< 10	268	1.1	< 2	2.31	15	13	4.49	< 10	< 1	0.32	85
390142 Dup		< 0.2	< 0.5	37	1070	< 1	12	7	94	1.28	< 2	< 10	277	1.1	< 2	2.34	13	14	4.59	< 10	< 1	0.32	86
390147 Orig	11																						
390147 Dup	11																						
390150 Orig	18	< 0.2	< 0.5	84	1250	2	14	19	112	1.45	5	< 10	21	1.0	< 2	2.22	19	14	4.78	< 10	1	0.29	70
390150 Split PREP DUP	21	< 0.2	< 0.5	85	1270	2	14	19	113	1.47	4	< 10	22	1.0	< 2	2.26	20	14	4.85	< 10	1	0.29	70
390150 Split PREP DUP		< 0.2	< 0.5	85	1270	2	14	19	113	1.47	4	< 10	22	1.0	< 2	2.26	20	14	4.85	< 10	1	0.29	70
390165 Orig	10																						
390165 Dup	9																						
390169 Orig		< 0.2	< 0.5	89	1360	< 1	52	5	91	2.00	6	< 10	372	0.8	2	4.20	26	106	5.76	10	< 1	0.61	54
390169 Dup		< 0.2	< 0.5	87	1340	< 1	52	4	92	1.97	4	< 10	368	0.8	< 2	4.17	24	105	5.68	10	1	0.60	53
390181 Orig	< 5																						
390181 Dup	< 5																						
390189 Orig		< 0.2	< 0.5	92	1270	< 1	47	9	88	1.30	11	< 10	296	0.6	< 2	3.38	25	95	5.39	< 10	< 1	0.35	50
390189 Dup		< 0.2	< 0.5	90	1250	< 1	48	7	89	1.28	11	< 10	292	0.6	< 2	3.33	25	93	5.28	< 10	1	0.34	50
390191 Orig	< 5																						
390191 Dup	5																						
390195 Orig	60																						
390195 Dup	78																						
390201 Orig	26	< 0.2	< 0.5	89	1250	2	20	17	96	1.66	8	12	35	1.0	< 2	2.19	20	22	4.75	< 10	< 1	0.71	66
390201 Split PREP DUP	24	< 0.2	< 0.5	92	1250	2	20	17	96	1.71	9	13	40	1.0	< 2	2.21	20	22	4.75	< 10	< 1	0.73	68
390203 Orig		< 0.2	< 0.5	72	1370	< 1	25	16	108	1.69	5	12	70	1.0	< 2	2.69	19	35	5.10	< 10	2	0.60	72
390203 Dup		< 0.2	< 0.5	71	1370	< 1	25	16	106	1.70	6	13	74	1.0	< 2	2.70	19	36	5.13	< 10	2	0.61	74
390212 Orig		< 0.2	< 0.5	108	1400	< 1	33	8	112	1.96	7	10	240	1.2	< 2	4.40	26	59	6.02	10	2	0.46	83
390212 Dup		< 0.2	< 0.5	106	1390	< 1	34	8	111	1.96	6	10	242	1.2	< 2	4.35	25	58	5.98	10	1	0.46	84
390215 Orig	< 5																						
390215 Dup	< 5																						
390225 Orig	< 5																						
390225 Dup	< 5																						

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
390229 Orig	7																						
390229 Dup	7																						
390231 Orig		< 0.2	< 0.5	54	1400	2	8	17	87	1.26	7	15	195	1.0	< 2	1.91	14	10	3.94	< 10	< 1	0.53	91
390231 Dup		< 0.2	0.5	53	1390	2	8	15	87	1.27	6	15	154	1.0	< 2	1.91	14	10	3.95	< 10	< 1	0.54	92
390246 Orig		< 0.2	< 0.5	49	1190	< 1	8	24	88	1.22	11	15	47	0.9	< 2	1.42	15	10	3.67	< 10	< 1	0.57	85
390246 Dup		< 0.2	< 0.5	47	1160	< 1	8	24	85	1.20	11	14	47	0.9	< 2	1.38	14	9	3.56	< 10	< 1	0.56	81
390250 Orig	< 5	< 0.2	< 0.5	49	1250	2	9	20	109	1.68	8	18	68	1.0	< 2	1.85	13	9	4.31	< 10	< 1	0.56	85
390250 Split PREP DUP	< 5	< 0.2	< 0.5	51	1230	2	8	22	108	1.60	9	16	52	1.0	< 2	1.83	13	8	4.18	< 10	< 1	0.52	81
390251 Orig	6																						
390251 Dup	6																						
390259 Orig	< 5																						
390259 Dup	< 5																						
390260 Orig		2.6	1.2	122	556	22	50	796	213	0.70	> 10000	11	45	< 0.5	4	1.88	20	31	3.90	< 10	< 1	0.14	< 10
390260 Dup		2.2	1.0	123	552	21	51	798	218	0.71	> 10000	< 10	43	< 0.5	4	1.88	19	31	3.90	< 10	< 1	0.14	< 10
390263 Orig	5																						
390263 Dup	6																						
390269 Orig		< 0.2	< 0.5	57	1670	2	6	12	32	0.80	10	13	305	0.7	< 2	2.29	12	6	3.39	< 10	< 1	0.47	80
390269 Dup		< 0.2	< 0.5	58	1690	2	6	12	33	0.89	11	14	303	0.8	< 2	2.32	14	6	3.48	< 10	< 1	0.53	81
390278 Orig	8																						
390278 Dup	8																						
390284 Orig	130																						
390284 Dup	114																						
390288 Orig		< 0.2	< 0.5	85	1340	2	12	15	113	1.56	10	16	290	0.9	< 2	1.89	20	12	4.57	< 10	< 1	0.67	69
390288 Dup		< 0.2	< 0.5	83	1310	2	12	15	111	1.51	8	16	284	0.9	< 2	1.85	19	11	4.46	< 10	< 1	0.65	68
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
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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	0.03
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	0.39	0.161	0.034	0.01	6	19	34		< 20	< 1	< 2	< 10	173	< 10	5	8	
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	0.39	0.151	0.034	0.01	6	20	30		< 20	< 1	< 2	< 10	177	< 10	5	7	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.38	0.163	0.033	0.01	6	19	33		< 20	< 1	< 2	< 10	167	< 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	1.35	0.031	0.064	0.38	3	4	17		< 20		< 2	< 10	37	< 10	20	21	
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	0.032	0.064	0.38	2	4	17		< 20		< 2	< 10	37	< 10	20	17	
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	1.31	0.031	0.061	0.37	4	4	16		< 20		< 2	< 10	36	< 10	20	18	
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	1.45		0.062	0.68	3	4	15		< 20		< 2	< 10	36	< 10	19	28	
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	1.45		0.062	0.68	4	4	15		< 20		< 2	< 10	37	< 10	18	28	
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	1.43		0.061	0.70	3	4	15		< 20		< 2	< 10	36	< 10	19	27	
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				3.96	8												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.79	9												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.95	9												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.44	0.174	0.034	4.67	138	2	19		< 20		< 2	< 10	13	< 10	8	63	
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	

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	0.03
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 621 (Aqua Regia) Meas	0.44	0.172	0.035	4.62	140	2	19		< 20		< 2	< 10	13	< 10	7	65	
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	0.43	0.173	0.034	4.60	141	2	19		< 20		< 2	< 10	13	< 10	7	64	
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																	11.6
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																	
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OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	

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	0.03
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 E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
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Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
OREAS 297 (Fire Assay) Meas																	17.2
OREAS 297 (Fire Assay) Cert																	17.8
390008 Orig	1.68	0.086	0.168	0.54	3	8	148	0.08	< 20	< 1	< 2	< 10	120	< 10	18	7	
390008 Dup	1.70	0.084	0.170	0.55	3	8	149	0.08	< 20	< 1	< 2	< 10	122	< 10	18	7	
390009 Orig																	
390009 Dup																	
390022 Orig																	
390022 Dup																	
390023 Orig	1.79	0.115	0.171	1.36	2	9	140	0.15	< 20	< 1	< 2	< 10	139	< 10	18	9	
390023 Dup	1.82	0.117	0.173	1.36	< 2	9	141	0.15	< 20	2	< 2	< 10	141	< 10	18	10	
390032 Orig	2.85	0.139	0.201	0.05	5	13	188	0.31	< 20	2	< 2	< 10	165	< 10	18	8	
390032 Dup	2.81	0.136	0.180	0.05	< 2	13	184	0.28	< 20	2	< 2	< 10	162	< 10	17	6	
390044 Orig																	
390044 Dup																	
390049 Orig																	
390049 Dup																	
390050 Orig	2.04	0.089	0.185	0.49	4	8	108	0.01	< 20	< 1	< 2	< 10	144	< 10	18	3	
390050 Split PREP DUP	2.07	0.093	0.186	0.48	2	9	107	0.01	< 20	< 1	< 2	< 10	144	< 10	18	3	
390050 Split PREP DUP	2.07	0.093	0.186	0.48	2	9	107	0.01	< 20	< 1	< 2	< 10	144	< 10	18	3	
390053 Orig																	
390053 Dup																	
390057 Orig																	
390057 Dup																	
390070 Orig	2.09	0.069	0.145	0.71	< 2	10	133	0.03	< 20	< 1	2	< 10	137	< 10	15	5	
390070 Dup	2.08	0.069	0.144	0.72	< 2	10	134	0.03	< 20	< 1	< 2	< 10	138	< 10	15	5	

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	0.03
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
390078 Orig																	
390078 Dup																	
390085 Orig	1.27	0.078	0.145	0.65	< 2	5	127	0.03	< 20	< 1	< 2	< 10	106	< 10	23	3	
390085 Dup	1.29	0.078	0.148	0.67	< 2	5	129	0.03	< 20	< 1	< 2	< 10	108	< 10	24	3	
390088 Orig																	
390088 Dup																	
390092 Orig																	
390092 Dup																	
390094 Orig	2.46	0.066	0.215	1.26	3	14	143	0.14	< 20	< 1	< 2	< 10	185	< 10	15	8	
390094 Dup	2.44	0.065	0.215	1.26	3	14	141	0.13	< 20	< 1	< 2	< 10	183	< 10	15	8	
390101 Orig	1.06	0.077	0.136	1.14	2	4	222	0.03	< 20	< 1	< 2	< 10	88	< 10	25	4	
390101 Split PREP DUP	1.07	0.076	0.137	1.13	< 2	4	226	0.03	< 20	< 1	< 2	< 10	88	< 10	25	4	
390112 Orig	1.18	0.071	0.153	1.37	2	4	121	0.03	< 20	< 1	< 2	< 10	84	< 10	25	4	
390112 Dup	1.18	0.070	0.152	1.37	4	4	121	0.03	< 20	< 1	< 2	< 10	86	< 10	25	4	
390122 Orig																	
390122 Dup																	
390126 Orig																	
390126 Dup																	
390127 Orig	0.99	0.077	0.144	0.84	< 2	4	148	0.01	< 20	< 1	< 2	< 10	65	< 10	23	3	
390127 Dup	0.97	0.074	0.141	0.83	< 2	4	147	0.01	< 20	< 1	< 2	< 10	64	< 10	23	2	
390142 Orig	1.18	0.098	0.162	0.18	< 2	5	132	0.02	< 20	< 1	< 2	< 10	115	< 10	23	2	
390142 Dup	1.20	0.101	0.165	0.18	2	5	134	0.02	< 20	< 1	< 2	< 10	115	< 10	23	3	
390147 Orig																	
390147 Dup																	
390150 Orig	1.49	0.073	0.166	1.22	< 2	8	198	0.03	< 20	< 1	< 2	< 10	129	< 10	21	4	
390150 Split PREP DUP	1.52	0.072	0.169	1.23	3	8	202	0.03	< 20	< 1	< 2	< 10	130	< 10	21	5	
390150 Split PREP DUP	1.52	0.072	0.169	1.23	3	8	202	0.03	< 20	< 1	< 2	< 10	130	< 10	21	5	
390165 Orig																	
390165 Dup																	
390169 Orig	2.39	0.134	0.214	0.03	4	10	183	0.19	< 20	1	< 2	< 10	167	< 10	15	5	
390169 Dup	2.36	0.131	0.210	0.03	4	10	180	0.19	< 20	1	< 2	< 10	166	< 10	15	5	
390181 Orig																	
390181 Dup																	
390189 Orig	2.30	0.095	0.209	0.13	3	9	203	0.02	< 20	< 1	< 2	< 10	98	< 10	12	3	
390189 Dup	2.25	0.093	0.206	0.13	3	9	201	0.02	< 20	< 1	< 2	< 10	96	< 10	12	3	
390191 Orig																	
390191 Dup																	
390195 Orig																	
390195 Dup																	
390201 Orig	1.49	0.071	0.146	1.19	3	7	150	0.06	< 20	< 1	< 2	< 10	112	< 10	21	8	
390201 Split PREP DUP	1.49	0.078	0.147	1.16	4	7	156	0.07	< 20	< 1	< 2	< 10	114	< 10	21	10	
390203 Orig	1.59	0.077	0.164	0.55	< 2	8	176	0.05	< 20	< 1	< 2	< 10	133	< 10	22	5	
390203 Dup	1.59	0.079	0.165	0.54	< 2	8	178	0.05	< 20	< 1	< 2	< 10	134	< 10	22	6	
390212 Orig	1.79	0.095	0.278	0.13	3	9	219	0.03	< 20	< 1	< 2	< 10	162	< 10	20	2	
390212 Dup	1.79	0.097	0.280	0.13	4	9	218	0.03	< 20	< 1	< 2	< 10	162	< 10	20	2	
390215 Orig																	
390215 Dup																	

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	0.03
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
390225 Orig																	
390225 Dup																	
390229 Orig																	
390229 Dup																	
390231 Orig	0.96	0.092	0.155	0.29	< 2	4	198	0.02	< 20	< 1	< 2	< 10	92	< 10	25	3	
390231 Dup	0.97	0.084	0.157	0.28	2	4	198	0.02	< 20	< 1	< 2	< 10	92	< 10	25	2	
390246 Orig	0.81	0.069	0.143	0.93	< 2	4	133	0.03	< 20	1	< 2	< 10	77	< 10	23	4	
390246 Dup	0.78	0.066	0.139	0.89	< 2	4	128	0.03	< 20	1	< 2	< 10	74	< 10	23	4	
390250 Orig	1.00	0.085	0.141	0.61	5	4	274	0.04	< 20	< 1	< 2	< 10	94	< 10	25	5	
390250 Split PREP DUP	0.99	0.078	0.136	0.64	4	4	271	0.03	< 20	< 1	< 2	< 10	90	< 10	24	5	
390251 Orig																	
390251 Dup																	
390259 Orig																	
390259 Dup																	
390260 Orig	0.67	0.042	0.032	0.95	5	3	46	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	
390260 Dup	0.67	0.044	0.032	0.96	5	3	46	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	
390263 Orig																	
390263 Dup																	
390269 Orig	0.86	0.093	0.143	0.15	6	4	195	0.01	< 20	< 1	< 2	< 10	58	< 10	17	4	
390269 Dup	0.87	0.093	0.143	0.16	5	4	199	0.01	< 20	< 1	< 2	< 10	62	< 10	17	2	
390278 Orig																	
390278 Dup																	
390284 Orig																	
390284 Dup																	
390288 Orig	1.28	0.094	0.208	0.05	12	6	292	0.03	< 20	< 1	< 2	< 10	113	< 10	19	2	
390288 Dup	1.25	0.093	0.204	0.05	13	6	284	0.03	< 20	< 1	< 2	< 10	110	< 10	18	2	
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	
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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	0.03
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
Method Blank																	< 0.03

Quality Analysis ... *Innovative Technologies*

Report No.:	**A21-03842**
Report Date:	**09-Apr-21**
Date Submitted:	**08-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

267 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-03-22 13:52:30
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-03-24 12:51:01
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-03-22 19:02:23

REPORT **A21-03842**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390291	15	< 0.2	< 0.5	75	851	2	55	5	56	1.65	31	13	160	0.7	< 2	1.15	20	71	2.77	< 10	< 1	0.81	26
390292	120	0.3	< 0.5	40	804	4	31	7	52	1.29	20	15	41	0.7	< 2	0.88	15	42	2.93	< 10	< 1	0.70	21
390293	181	1.3	< 0.5	61	619	4	36	7	69	1.56	19	16	37	0.8	< 2	0.98	16	49	3.25	< 10	< 1	0.79	21
390294	1660	1.0	< 0.5	44	714	4	30	5	63	1.42	20	12	71	0.6	< 2	0.91	13	41	2.80	< 10	< 1	0.64	23
390295	41	< 0.2	< 0.5	22	936	3	25	3	57	1.48	8	13	151	0.6	< 2	0.69	10	49	2.73	< 10	< 1	0.67	26
390296	122	< 0.2	< 0.5	114	833	6	29	7	71	1.63	15	16	154	0.7	< 2	0.56	13	51	2.53	< 10	< 1	0.87	28
390297	821	1.3	< 0.5	111	984	7	24	22	143	1.16	16	17	31	0.6	< 2	0.61	13	42	3.12	< 10	< 1	0.64	26
390298	385	0.5	< 0.5	53	1220	10	49	16	91	1.40	31	16	61	0.8	< 2	0.53	19	63	3.37	< 10	< 1	0.76	24
390299	630	1.4	< 0.5	78	701	9	39	22	96	1.37	19	20	27	0.8	< 2	0.81	18	50	3.35	< 10	< 1	0.78	21
390300	1150	1.1	0.8	667	534	33	37	87	115	1.65	21	< 10	81	< 0.5	< 2	1.35	14	50	3.80	< 10	< 1	0.29	< 10
390301	224	0.3	< 0.5	45	1230	14	76	14	98	1.64	28	17	57	0.8	< 2	0.89	19	84	3.58	< 10	< 1	0.80	23
390302	67	0.2	< 0.5	54	876	6	38	12	81	1.57	50	16	140	0.8	< 2	0.74	15	48	2.33	< 10	< 1	0.87	28
390303	95	< 0.2	< 0.5	52	1090	8	32	12	49	1.39	44	14	139	0.7	< 2	1.08	15	45	2.55	< 10	< 1	0.87	26
390304	83	0.2	< 0.5	32	849	3	25	11	45	1.22	37	13	106	0.6	< 2	0.83	12	33	2.20	< 10	< 1	0.71	25
390305	140	0.5	< 0.5	52	440	7	27	23	114	1.22	33	17	25	0.7	< 2	0.67	17	35	2.74	< 10	< 1	0.71	25
390306	231	0.4	< 0.5	48	1060	5	30	13	76	1.33	19	14	58	0.7	< 2	0.65	15	38	3.08	< 10	< 1	0.73	27
390307	281	< 0.2	< 0.5	38	833	3	30	11	46	1.37	29	16	145	0.8	< 2	0.49	14	37	2.22	< 10	< 1	0.82	28
390308	252	0.2	< 0.5	31	645	5	24	10	37	1.34	16	14	150	0.7	< 2	0.55	13	36	1.97	< 10	< 1	0.78	26
390309	20	< 0.2	< 0.5	86	530	2	27	36	120	1.95	10	12	116	0.6	< 2	1.13	16	36	3.30	< 10	< 1	0.54	21
390310	70	< 0.2	< 0.5	82	1230	7	26	16	50	1.30	16	14	137	0.7	< 2	0.87	15	37	2.50	< 10	< 1	0.71	28
390311	157	< 0.2	< 0.5	65	1490	4	30	17	63	1.33	17	13	132	0.7	< 2	0.54	15	37	2.87	< 10	< 1	0.78	30
390312	52	< 0.2	< 0.5	49	1220	3	23	16	70	1.22	9	15	69	0.7	< 2	0.65	15	32	3.00	< 10	< 1	0.81	29
390313	81	< 0.2	< 0.5	47	870	6	19	15	40	1.14	10	14	56	0.6	< 2	0.79	15	28	2.61	< 10	< 1	0.73	26
390314	31	< 0.2	< 0.5	37	940	5	29	13	66	1.68	22	15	121	0.8	< 2	0.82	14	36	2.62	< 10	< 1	1.01	28
390315	170	< 0.2	< 0.5	31	1170	5	27	12	42	1.18	12	13	134	0.6	< 2	1.00	14	29	2.73	< 10	< 1	0.75	27
390316	54	0.2	< 0.5	55	426	5	27	17	34	0.83	10	10	36	< 0.5	< 2	0.92	11	30	2.36	< 10	< 1	0.51	23
390317	26	< 0.2	< 0.5	67	2110	8	228	8	59	1.30	41	< 10	67	0.6	< 2	4.10	33	209	5.68	< 10	< 1	0.67	20
390318	40	< 0.2	< 0.5	46	1320	3	112	7	31	1.31	39	12	105	0.6	< 2	3.93	24	96	3.45	< 10	< 1	0.84	22
390319	296	0.5	< 0.5	41	757	8	39	11	28	1.44	44	16	68	0.8	< 2	1.33	21	38	2.53	< 10	< 1	0.99	25
390320	< 5	< 0.2	< 0.5	2	78	2	2	< 2	6	0.08	< 2	< 10	12	< 0.5	< 2	0.02	< 1	19	0.70	< 10	< 1	0.02	< 10
390321	26	< 0.2	< 0.5	39	971	3	40	10	44	1.44	44	16	178	0.9	< 2	2.55	15	45	2.66	< 10	< 1	1.01	21
390322	32	< 0.2	< 0.5	54	632	2	58	8	33	1.16	62	13	147	0.8	< 2	0.94	23	53	1.93	< 10	< 1	0.80	29
390323	16	< 0.2	< 0.5	53	646	1	68	8	25	1.00	87	11	127	0.7	< 2	0.57	27	60	2.03	< 10	< 1	0.68	30
390324	9	< 0.2	< 0.5	50	1070	1	35	4	29	1.07	24	10	155	0.7	< 2	1.22	13	54	2.64	< 10	< 1	0.74	27
390325	13	< 0.2	< 0.5	51	1050	< 1	40	11	34	1.23	35	14	191	0.8	< 2	1.60	13	55	2.58	< 10	< 1	0.85	25
390326	1090	0.9	< 0.5	109	448	20	47	27	25	1.16	48	22	45	0.8	< 2	0.54	23	53	2.16	< 10	< 1	0.80	22
390327	460	2.0	< 0.5	53	961	6	38	11	45	1.26	53	21	40	0.6	< 2	1.47	16	46	3.14	< 10	< 1	0.71	21
390328	308	0.3	< 0.5	28	656	3	37	5	53	1.69	26	18	143	0.7	< 2	0.82	14	65	2.80	< 10	< 1	0.72	25
390329	793	0.3	< 0.5	41	536	8	32	8	46	1.38	22	17	62	0.6	< 2	1.12	15	55	2.77	< 10	< 1	0.63	23
390330	51	< 0.2	< 0.5	26	791	5	37	7	58	1.84	32	16	168	0.8	< 2	0.81	15	64	3.03	< 10	< 1	0.86	23
390331	9	< 0.2	< 0.5	29	1280	1	31	5	64	1.63	7	< 10	178	0.7	< 2	0.97	12	68	3.76	< 10	< 1	0.68	22
390332	10	< 0.2	< 0.5	28	1210	2	29	5	65	1.68	14	12	173	0.7	< 2	0.94	14	61	3.53	< 10	< 1	0.76	22
390333	160	0.2	< 0.5	24	736	8	35	8	55	1.68	30	16	70	0.7	< 2	1.16	17	51	2.88	< 10	< 1	0.87	22
390334	304	0.8	< 0.5	39	524	5	32	8	60	1.56	53	19	93	0.6	< 2	0.92	17	53	2.40	< 10	< 1	0.77	23
390335	1020	1.4	< 0.5	45	711	14	31	10	54	1.42	14	20	98	0.5	< 2	0.67	14	52	2.87	< 10	< 1	0.69	21
390336	16	< 0.2	< 0.5	27	1220	5	27	3	53	1.71	8	18	155	0.8	< 2	0.50	11	67	3.91	< 10	< 1	0.92	24
390337	130	< 0.2	< 0.5	41	861	12	35	7	47	1.75	63	21	140	0.7	< 2	0.80	17	59	2.93	< 10	< 1	0.92	23
390338	728	1.4	< 0.5	57	738	35	34	19	50	1.54	41	27	60	0.6	< 2	1.03	18	47	2.44	< 10	< 1	0.83	23
390339	217	0.4	< 0.5	40	703	6	38	10	55	1.80	74	22	91	0.7	< 2	1.06	17	48	2.35	< 10	< 1	0.95	23
390340	4020	0.8	0.6	415	747	429	30	50	154	1.57	22	< 10	94	< 0.5	< 2	1.42	10	44	3.68	< 10	< 1	0.26	< 10
390341	311	0.2	< 0.5	70	695	7	31	6	54	1.69	26	16	123	0.6	< 2	1.13	14	48	2.71	< 10	< 1	0.81	26

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
390342	10	< 0.2	< 0.5	21	897	3	29	3	61	1.99	7	15	191	0.7	< 2	1.14	12	62	3.12	< 10	< 1	0.91	22
390343	1630	0.4	< 0.5	17	1050	7	31	3	56	1.97	12	17	166	0.7	< 2	1.60	16	51	3.19	< 10	< 1	0.93	24
390344	1010	0.3	< 0.5	24	886	10	39	7	75	1.74	27	20	32	0.7	< 2	1.33	17	49	3.43	< 10	< 1	0.75	19
390345	798	< 0.2	< 0.5	27	1040	6	29	4	78	2.05	7	19	142	0.7	< 2	1.42	11	58	3.32	< 10	< 1	0.89	23
390346	1920	1.0	< 0.5	113	882	9	39	8	72	1.61	34	20	69	0.6	< 2	1.30	14	51	3.09	< 10	< 1	0.72	20
390347	288	0.6	< 0.5	105	1170	13	40	14	53	1.59	44	16	51	0.7	< 2	1.97	25	43	3.56	< 10	< 1	0.76	19
390348	2090	2.1	< 0.5	164	772	6	15	8	18	1.08	14	20	60	0.6	< 2	1.39	13	32	1.94	< 10	< 1	0.72	21
390349	486	2.8	< 0.5	57	485	13	17	20	34	1.05	13	29	42	0.6	< 2	0.92	13	34	2.21	< 10	< 1	0.70	22
390350	364	1.9	< 0.5	70	322	33	24	16	27	0.90	23	25	27	0.6	< 2	0.74	19	33	2.59	< 10	< 1	0.61	16
390351	468	2.5	< 0.5	87	465	20	30	10	72	0.95	11	16	32	< 0.5	< 2	0.79	14	54	2.93	< 10	< 1	0.43	20
390352	281	1.5	< 0.5	29	631	4	28	8	102	1.12	5	13	47	< 0.5	< 2	0.79	11	70	2.75	< 10	< 1	0.49	26
390353	595	1.8	< 0.5	32	741	6	32	10	85	1.23	7	14	57	0.5	< 2	0.59	10	65	3.02	< 10	< 1	0.61	29
390354	185	0.3	< 0.5	33	1110	5	50	10	74	1.33	15	15	46	0.6	< 2	1.72	17	60	3.73	< 10	< 1	0.62	29
390355	34	< 0.2	< 0.5	86	890	11	83	8	59	1.69	44	20	201	0.8	< 2	0.86	22	102	2.90	< 10	< 1	0.90	27
390356	23	< 0.2	< 0.5	32	1130	4	57	8	60	1.62	29	22	140	0.8	< 2	0.53	15	94	3.44	< 10	< 1	0.86	27
390357	166	0.2	< 0.5	67	1070	39	71	12	66	1.49	29	24	135	0.8	< 2	1.03	18	89	3.37	< 10	< 1	0.78	24
390358	8	< 0.2	< 0.5	52	1160	3	75	6	68	1.71	16	13	165	0.7	< 2	1.11	17	103	3.60	< 10	< 1	0.80	25
390359	24	< 0.2	< 0.5	49	996	3	68	6	60	1.66	24	16	139	0.7	< 2	1.38	16	88	3.10	< 10	< 1	0.80	26
390360	< 5	< 0.2	< 0.5	1	67	< 1	< 1	2	3	0.08	< 2	< 10	19	< 0.5	< 2	0.03	< 1	3	0.60	< 10	< 1	0.01	< 10
390361	24	< 0.2	< 0.5	55	985	25	81	6	58	1.36	31	14	108	0.7	< 2	0.89	21	80	3.11	< 10	< 1	0.68	26
390362	18	< 0.2	< 0.5	29	1000	2	55	4	53	1.35	12	16	139	0.7	< 2	1.03	15	61	2.87	< 10	< 1	0.70	27
390363	8	< 0.2	< 0.5	38	762	4	24	3	40	1.12	4	15	91	0.6	< 2	0.68	7	50	2.41	< 10	< 1	0.49	27
390364	76	< 0.2	< 0.5	29	479	7	26	4	39	1.19	6	19	88	0.5	< 2	0.80	8	41	1.99	< 10	< 1	0.53	25
390365	87	< 0.2	< 0.5	40	938	4	25	8	32	0.93	15	22	78	< 0.5	< 2	1.44	12	40	2.00	< 10	< 1	0.49	24
390366	21	< 0.2	< 0.5	41	945	5	45	4	48	1.36	13	18	94	0.7	< 2	0.89	14	58	2.88	< 10	< 1	0.68	30
390367	26	< 0.2	< 0.5	64	1180	4	35	8	50	1.31	16	16	111	0.7	< 2	1.28	12	46	2.85	< 10	< 1	0.72	31
390368	51	< 0.2	< 0.5	59	720	7	37	13	32	1.23	39	20	85	0.7	< 2	0.86	18	46	2.33	< 10	< 1	0.70	31
390369	116	0.5	< 0.5	42	664	22	27	9	23	0.83	44	15	66	0.5	< 2	0.98	15	26	1.97	< 10	< 1	0.46	27
390370	28	< 0.2	< 0.5	17	546	3	26	10	21	0.81	43	12	88	0.6	< 2	0.84	13	29	1.52	< 10	< 1	0.50	25
390371	214	0.6	< 0.5	35	636	5	21	10	25	0.81	49	16	61	0.5	< 2	1.04	17	29	2.10	< 10	< 1	0.45	28
390372	347	0.3	< 0.5	25	851	4	29	6	39	0.96	27	12	82	0.6	< 2	0.69	15	32	2.43	< 10	< 1	0.52	28
390373	254	0.6	< 0.5	138	1230	3	21	5	33	0.78	35	11	72	< 0.5	< 2	0.82	12	33	2.97	< 10	< 1	0.45	24
390374	37	< 0.2	< 0.5	57	886	2	24	6	31	0.90	16	11	82	0.6	< 2	0.82	10	29	2.48	< 10	< 1	0.49	25
390375	14	< 0.2	< 0.5	47	471	2	31	11	17	1.03	37	14	99	0.7	< 2	0.72	18	30	1.77	< 10	< 1	0.63	25
390376	11	< 0.2	< 0.5	45	688	2	22	8	23	0.93	20	11	87	0.6	< 2	0.75	13	30	2.23	< 10	< 1	0.54	27
390377	9	< 0.2	< 0.5	47	604	1	31	9	23	1.07	29	13	91	0.7	< 2	0.62	16	34	2.29	< 10	< 1	0.62	28
390378	9	< 0.2	< 0.5	52	660	2	37	10	27	0.80	39	11	66	0.6	< 2	0.63	19	27	2.22	< 10	< 1	0.47	26
390379	10	0.2	< 0.5	61	783	2	31	9	25	0.91	42	11	95	0.6	< 2	0.60	16	32	2.49	< 10	< 1	0.48	26
390380	> 5000	2.6	0.9	127	559	23	51	882	239	0.68	> 10000	< 10	49	< 0.5	2	2.11	19	31	4.04	< 10	< 1	0.14	< 10
390381	< 5	< 0.2	< 0.5	37	884	4	20	4	26	1.03	11	11	80	0.6	< 2	1.40	7	38	2.39	< 10	< 1	0.47	26
390382	7	0.2	< 0.5	33	379	< 1	28	6	27	1.16	17	13	71	0.6	< 2	0.71	15	27	2.63	< 10	< 1	0.55	24
390383	8	< 0.2	< 0.5	5	401	< 1	29	4	34	1.32	16	13	74	0.7	< 2	0.84	12	30	2.56	< 10	< 1	0.54	26
390384	19	0.3	< 0.5	19	889	12	95	8	79	2.07	61	13	87	0.8	2	1.64	31	80	5.04	< 10	< 1	0.66	24
390385	8	< 0.2	< 0.5	46	928	3	69	6	71	1.61	24	< 10	98	0.6	< 2	1.53	18	78	4.03	< 10	< 1	0.50	25
390386	8	< 0.2	< 0.5	258	859	5	58	6	41	1.32	25	11	105	0.6	< 2	1.40	18	60	2.84	< 10	< 1	0.58	24
390387	16	< 0.2	< 0.5	63	759	3	81	8	49	1.52	56	13	113	0.8	< 2	1.35	24	81	3.07	< 10	< 1	0.70	25
390388	9	< 0.2	< 0.5	37	558	3	59	6	26	1.22	52	11	109	0.7	< 2	1.05	17	63	2.13	< 10	< 1	0.62	25
390389	12	0.2	< 0.5	91	1240	2	66	9	33	1.41	62	11	99	0.6	< 2	2.03	20	64	3.44	< 10	< 1	0.63	23
390390	19	0.4	< 0.5	84	2130	2	64	11	39	1.34	58	< 10	47	0.6	< 2	3.53	24	46	5.07	< 10	< 1	0.45	17
390391	25	< 0.2	< 0.5	331	1570	< 1	66	3	96	1.85	8	< 10	124	0.6	< 2	2.57	17	63	5.13	< 10	< 1	0.54	21
390392	60	< 0.2	< 0.5	84	372	3	36	17	41	1.07	94	12	13	0.5	< 2	1.32	28	25	5.01	< 10	< 1	0.64	46

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
390393	50	< 0.2	< 0.5	113	677	2	32	11	43	1.27	55	12	17	0.6	< 2	2.04	26	24	4.67	< 10	< 1	0.70	44
390394	38	< 0.2	< 0.5	82	804	2	34	10	58	1.38	69	10	19	0.7	< 2	1.70	25	28	4.82	< 10	< 1	0.68	48
390395	34	< 0.2	< 0.5	60	635	1	30	13	54	1.37	113	11	13	0.6	< 2	1.58	26	34	5.26	< 10	< 1	0.69	41
390396	34	< 0.2	< 0.5	66	601	3	24	14	44	1.34	86	10	14	0.6	< 2	1.65	26	19	4.89	< 10	< 1	0.68	42
390397	27	< 0.2	< 0.5	59	965	2	24	11	58	1.62	38	< 10	18	0.7	< 2	1.87	26	21	5.00	< 10	< 1	0.70	44
390398	29	< 0.2	< 0.5	94	949	2	25	8	59	1.55	52	< 10	20	0.6	< 2	2.07	25	23	5.14	< 10	< 1	0.60	43
390399	44	< 0.2	< 0.5	80	566	2	25	12	41	1.39	131	11	< 10	0.6	2	1.66	30	19	6.10	< 10	< 1	0.68	39
390400	< 5	< 0.2	< 0.5	2	57	< 1	< 1	< 2	4	0.06	< 2	< 10	31	< 0.5	< 2	< 0.01	< 1	8	0.56	< 10	< 1	0.01	< 10
390401	168	< 0.2	< 0.5	118	663	5	22	12	34	0.89	60	< 10	14	< 0.5	< 2	1.94	23	15	5.15	< 10	< 1	0.49	37
390402	39	< 0.2	< 0.5	76	989	1	14	8	46	1.12	33	< 10	21	0.5	< 2	2.50	20	10	4.65	< 10	< 1	0.49	43
390403	25	< 0.2	< 0.5	73	1200	1	24	6	65	1.49	41	< 10	27	0.6	< 2	2.56	21	20	4.37	< 10	< 1	0.59	44
390404	22	< 0.2	< 0.5	57	734	4	49	8	55	1.20	31	< 10	24	0.5	< 2	1.68	22	44	3.71	< 10	< 1	0.50	32
390405	14	< 0.2	< 0.5	65	1090	1	30	7	50	1.14	51	< 10	19	< 0.5	< 2	2.79	23	27	4.89	< 10	< 1	0.46	35
390406	48	< 0.2	< 0.5	82	1210	1	30	7	41	0.96	72	< 10	21	0.5	< 2	3.11	26	32	5.01	< 10	< 1	0.46	38
390407	99	< 0.2	< 0.5	84	1360	4	23	5	48	1.04	35	< 10	30	0.6	< 2	3.47	22	24	4.57	< 10	< 1	0.47	39
390408	7	< 0.2	< 0.5	92	1470	2	24	7	55	1.35	41	< 10	33	0.7	< 2	2.79	23	24	4.69	< 10	< 1	0.68	48
390409	13	< 0.2	< 0.5	95	1270	1	22	7	45	1.12	39	< 10	16	0.5	< 2	3.08	27	25	4.76	< 10	< 1	0.53	38
390410	30	< 0.2	< 0.5	64	1250	2	31	6	53	1.18	25	< 10	23	< 0.5	< 2	2.95	26	40	4.68	< 10	< 1	0.51	40
390411	133	< 0.2	< 0.5	80	1160	2	20	6	45	1.06	41	< 10	18	< 0.5	< 2	2.86	27	16	4.97	< 10	< 1	0.48	36
390412	65	< 0.2	< 0.5	62	905	12	27	7	64	1.36	30	< 10	27	< 0.5	< 2	1.90	22	26	4.53	< 10	< 1	0.43	39
390413	168	0.2	< 0.5	93	778	37	27	10	63	1.59	27	< 10	24	0.6	< 2	1.47	24	22	4.67	< 10	< 1	0.55	44
390414	349	1.3	< 0.5	105	794	40	29	14	49	0.95	34	10	20	< 0.5	< 2	1.77	21	22	4.91	< 10	< 1	0.37	39
390415	78	< 0.2	< 0.5	75	927	15	23	7	50	1.06	27	< 10	21	0.5	< 2	2.00	22	21	4.67	< 10	< 1	0.49	44
390416	81	< 0.2	< 0.5	107	1280	11	31	7	56	1.22	27	< 10	22	0.6	< 2	1.61	30	21	5.67	< 10	< 1	0.56	48
390417	109	< 0.2	< 0.5	40	514	11	41	6	46	1.38	23	< 10	27	0.6	< 2	1.16	25	32	3.60	< 10	< 1	0.65	33
390418	40	< 0.2	< 0.5	87	520	13	63	8	44	1.37	36	10	49	0.6	< 2	1.24	23	42	3.02	< 10	< 1	0.65	41
390419	29	< 0.2	< 0.5	81	775	5	44	6	45	1.14	52	< 10	24	0.6	< 2	2.03	26	26	4.34	< 10	< 1	0.56	38
390420	> 5000	3.4	0.9	129	568	23	51	898	242	0.68	> 10000	< 10	50	< 0.5	2	2.16	20	32	4.11	< 10	< 1	0.14	< 10
390421	37	< 0.2	< 0.5	32	791	4	42	7	46	1.12	40	< 10	29	< 0.5	< 2	2.40	20	47	4.28	< 10	< 1	0.39	26
390422	26	< 0.2	< 0.5	155	1170	1	28	5	48	1.13	34	< 10	26	< 0.5	< 2	3.66	24	28	4.57	< 10	< 1	0.45	30
390423	75	< 0.2	< 0.5	52	579	6	28	16	62	1.42	33	13	22	0.6	< 2	1.57	23	23	4.08	< 10	< 1	0.66	46
390424	101	< 0.2	< 0.5	61	557	10	30	21	45	1.25	59	12	15	0.6	< 2	1.59	30	19	4.53	< 10	< 1	0.68	36
390425	103	< 0.2	< 0.5	118	573	12	39	11	69	1.52	64	< 10	18	0.6	< 2	1.43	28	30	4.94	< 10	< 1	0.60	35
390426	96	< 0.2	< 0.5	117	718	5	41	9	58	1.42	64	11	18	0.6	2	1.65	35	31	4.95	< 10	< 1	0.59	38
390427	57	< 0.2	< 0.5	82	891	2	30	6	42	1.12	39	< 10	24	0.6	< 2	2.96	26	24	4.55	< 10	< 1	0.55	39
390428	105	< 0.2	< 0.5	38	815	4	26	11	40	1.04	30	< 10	25	< 0.5	< 2	3.10	21	21	4.53	< 10	< 1	0.54	30
390429	41	< 0.2	< 0.5	13	640	5	25	12	32	0.66	19	< 10	55	< 0.5	< 2	1.81	10	25	2.63	< 10	< 1	0.33	20
390430	76	< 0.2	< 0.5	37	499	4	22	10	25	0.75	15	< 10	35	< 0.5	< 2	2.05	12	23	2.66	< 10	< 1	0.45	20
390431	87	< 0.2	< 0.5	33	495	4	23	12	27	0.59	30	< 10	42	< 0.5	< 2	2.01	13	21	2.69	< 10	< 1	0.34	22
390432	56	< 0.2	< 0.5	73	656	4	33	16	34	0.81	47	< 10	23	< 0.5	< 2	2.75	26	19	4.52	< 10	< 1	0.49	26
390433	36	< 0.2	< 0.5	57	643	3	34	16	36	0.94	28	13	21	< 0.5	< 2	2.32	22	23	4.48	< 10	< 1	0.55	31
390434	42	< 0.2	< 0.5	15	585	9	39	12	26	0.64	31	< 10	42	< 0.5	< 2	2.03	21	23	2.89	< 10	< 1	0.36	34
390435	24	< 0.2	< 0.5	21	286	30	29	11	12	0.81	26	13	41	< 0.5	< 2	0.97	25	21	2.08	< 10	< 1	0.49	42
390436	23	< 0.2	< 0.5	9	251	10	28	9	11	1.09	28	14	37	< 0.5	< 2	0.79	22	21	1.94	< 10	< 1	0.66	36
390437	32	< 0.2	< 0.5	16	570	19	39	9	23	0.85	26	15	36	< 0.5	< 2	1.28	26	23	2.85	< 10	< 1	0.45	33
390438	25	< 0.2	< 0.5	30	855	4	47	5	48	1.24	20	< 10	39	< 0.5	< 2	2.41	17	24	4.45	< 10	< 1	0.42	26
390439	31	< 0.2	< 0.5	36	305	19	33	10	14	0.93	36	11	31	0.5	< 2	0.94	24	20	2.27	< 10	< 1	0.58	31
390440	< 5	< 0.2	< 0.5	4	109	3	2	< 2	7	0.06	2	< 10	12	< 0.5	< 2	0.01	< 1	32	0.98	< 10	< 1	0.01	< 10
390441	20	< 0.2	< 0.5	8	365	8	25	5	28	0.79	13	13	47	< 0.5	< 2	0.73	13	21	2.27	< 10	< 1	0.38	32
390442	23	< 0.2	< 0.5	6	784	9	32	6	39	1.12	11	13	92	< 0.5	< 2	1.48	14	22	2.56	< 10	< 1	0.49	28
390443	30	< 0.2	< 0.5	39	709	8	52	8	44	1.23	31	12	32	0.5	< 2	1.27	22	35	3.25	< 10	< 1	0.55	28

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
390444	52	< 0.2	< 0.5	73	380	9	38	12	22	0.98	28	25	21	0.6	< 2	0.66	22	28	2.93	< 10	< 1	0.57	30
390445	22	< 0.2	< 0.5	43	488	7	25	10	31	1.06	20	11	36	0.6	< 2	0.97	16	25	2.29	< 10	< 1	0.56	36
390446	32	< 0.2	< 0.5	65	858	17	26	7	50	1.08	23	< 10	60	0.6	< 2	1.51	19	18	3.55	< 10	< 1	0.48	50
390447	19	< 0.2	< 0.5	106	1110	4	21	6	59	1.02	27	< 10	35	0.5	< 2	2.72	25	19	4.55	< 10	< 1	0.38	37
390448	18	< 0.2	< 0.5	68	1260	2	21	5	68	1.19	36	< 10	54	< 0.5	< 2	3.29	21	23	4.55	< 10	< 1	0.24	29
390449	28	< 0.2	< 0.5	76	1170	4	25	5	49	1.22	30	< 10	61	0.6	< 2	2.89	23	19	4.35	< 10	< 1	0.56	36
390450	21	< 0.2	< 0.5	75	1140	6	25	3	66	1.71	17	< 10	56	0.6	< 2	2.98	20	31	4.88	< 10	< 1	0.47	33
390451	39	< 0.2	< 0.5	88	955	2	24	7	58	1.44	16	11	27	0.6	< 2	2.37	24	27	4.69	< 10	< 1	0.49	39
390452	48	< 0.2	< 0.5	81	1030	3	24	7	43	1.14	12	< 10	29	0.5	< 2	2.59	23	14	4.33	< 10	< 1	0.55	35
390453	62	< 0.2	< 0.5	38	1200	5	30	5	47	1.05	23	12	108	0.6	< 2	1.18	18	24	4.03	< 10	< 1	0.65	41
390454	87	< 0.2	< 0.5	51	1120	37	29	5	37	0.95	13	13	158	0.6	< 2	1.15	16	31	3.30	< 10	< 1	0.56	35
390455	58	< 0.2	< 0.5	79	1020	83	66	7	55	1.65	24	15	219	0.8	< 2	1.34	24	42	3.20	< 10	< 1	0.88	48
390456	73	< 0.2	< 0.5	99	1210	21	22	7	51	1.43	17	13	244	0.9	< 2	1.13	19	24	4.20	< 10	< 1	0.82	87
390457	46	< 0.2	< 0.5	88	1160	10	21	5	54	1.15	10	11	229	0.9	< 2	1.59	20	22	4.01	< 10	< 1	0.68	82
390458	85	< 0.2	< 0.5	36	1380	4	22	5	51	0.91	3	12	151	0.6	< 2	1.03	13	27	4.20	< 10	< 1	0.53	43
390459	70	0.2	< 0.5	49	993	14	22	8	41	0.90	5	11	192	< 0.5	< 2	1.11	12	25	2.74	< 10	< 1	0.58	33
390460	4030	1.0	0.5	406	765	424	31	48	152	1.57	23	10	84	< 0.5	< 2	1.43	10	45	3.68	< 10	< 1	0.26	< 10
390461	36	< 0.2	< 0.5	59	1130	5	26	9	51	1.00	2	26	142	0.5	< 2	0.91	14	31	2.83	< 10	< 1	0.62	32
390462	76	< 0.2	< 0.5	50	1100	8	22	8	44	0.82	3	13	120	< 0.5	< 2	2.16	16	27	3.15	< 10	< 1	0.48	38
390463	48	< 0.2	< 0.5	13	831	2	10	7	30	0.89	3	12	187	< 0.5	< 2	1.99	9	17	2.00	< 10	< 1	0.56	32
390464	50	< 0.2	< 0.5	71	735	3	10	8	29	0.80	7	11	124	< 0.5	< 2	1.50	9	17	2.06	< 10	< 1	0.52	28
390465	75	< 0.2	< 0.5	130	876	3	21	6	63	1.68	13	11	194	0.8	< 2	2.20	21	16	4.75	< 10	< 1	0.79	61
390466	38	< 0.2	< 0.5	37	774	5	30	5	45	1.24	5	< 10	456	0.5	< 2	2.21	13	29	2.50	< 10	< 1	0.61	33
390467	26	< 0.2	< 0.5	19	801	3	29	5	40	1.21	7	< 10	119	< 0.5	< 2	2.21	13	22	2.08	< 10	< 1	0.57	24
390468	48	< 0.2	< 0.5	42	657	5	18	4	23	1.00	8	< 10	175	< 0.5	< 2	1.56	9	18	1.92	< 10	< 1	0.60	31
390469	36	< 0.2	< 0.5	34	776	2	22	4	38	0.99	< 2	< 10	124	< 0.5	< 2	2.03	10	22	2.15	< 10	< 1	0.50	26
390470	30	< 0.2	< 0.5	34	652	2	10	6	21	0.89	3	12	173	< 0.5	< 2	1.76	7	21	1.56	< 10	< 1	0.55	25
390471	54	< 0.2	< 0.5	60	802	4	14	6	23	0.99	6	10	223	< 0.5	< 2	1.89	10	25	2.21	< 10	< 1	0.58	27
390472	42	< 0.2	< 0.5	48	719	3	21	4	32	1.15	9	10	144	< 0.5	< 2	1.52	10	29	1.90	< 10	< 1	0.58	25
390473	75	< 0.2	< 0.5	133	697	3	49	3	64	1.48	8	< 10	105	< 0.5	< 2	1.08	18	46	3.18	< 10	< 1	0.45	29
390474	32	< 0.2	< 0.5	88	1200	3	112	3	66	1.59	2	< 10	282	< 0.5	< 2	2.45	22	143	3.84	< 10	< 1	0.52	25
390475	65	< 0.2	< 0.5	102	776	4	58	2	76	1.73	4	< 10	161	< 0.5	< 2	1.19	18	64	3.85	< 10	< 1	0.45	30
390476	106	< 0.2	< 0.5	148	924	3	72	3	74	1.75	5	< 10	122	< 0.5	< 2	1.27	18	122	4.07	< 10	< 1	0.36	25
390477	101	0.2	< 0.5	34	781	3	38	3	54	1.31	< 2	< 10	126	< 0.5	< 2	1.23	13	54	2.90	< 10	< 1	0.40	28
390478	57	< 0.2	< 0.5	58	987	4	68	2	72	1.76	6	< 10	112	< 0.5	< 2	1.17	21	108	4.88	< 10	< 1	0.41	28
390479	84	0.2	< 0.5	156	1320	4	51	3	58	1.48	4	< 10	961	< 0.5	< 2	2.58	20	77	4.82	< 10	< 1	0.54	30
390480	< 5	< 0.2	< 0.5	2	44	< 1	< 1	< 2	4	0.05	< 2	< 10	10	< 0.5	< 2	0.02	< 1	5	0.40	< 10	< 1	< 0.01	< 10
390481	41	< 0.2	< 0.5	62	1260	1	21	< 2	58	1.67	4	< 10	438	< 0.5	< 2	3.49	20	30	4.87	< 10	< 1	0.44	47
390482	50	< 0.2	< 0.5	99	1200	2	21	3	58	1.83	4	< 10	606	< 0.5	< 2	3.77	21	29	4.80	< 10	< 1	0.46	47
390483	30	< 0.2	< 0.5	78	1320	2	19	3	62	1.57	5	< 10	275	0.5	< 2	3.42	21	26	4.86	< 10	< 1	0.50	47
390484	46	< 0.2	< 0.5	97	952	4	22	4	67	2.13	5	< 10	295	0.6	< 2	1.92	24	25	4.78	< 10	< 1	0.66	51
390485	67	< 0.2	< 0.5	151	956	4	21	4	69	2.09	6	< 10	207	0.5	< 2	1.71	24	26	4.68	< 10	< 1	0.52	52
390486	56	< 0.2	< 0.5	204	1120	3	20	5	62	1.94	8	< 10	296	0.6	< 2	2.00	25	26	4.69	< 10	< 1	0.70	49
390487	167	< 0.2	< 0.5	108	1330	4	23	3	70	1.79	7	< 10	290	0.5	< 2	2.39	22	27	4.90	< 10	< 1	0.53	48
390488	45	< 0.2	< 0.5	58	1120	4	22	4	73	2.16	6	< 10	187	0.5	< 2	1.67	22	28	4.90	< 10	< 1	0.62	51
390489	80	< 0.2	< 0.5	139	1270	2	19	3	57	1.61	10	< 10	259	0.5	< 2	2.79	24	23	4.52	< 10	< 1	0.56	49
390490	36	< 0.2	< 0.5	47	1330	3	33	3	59	1.55	6	< 10	455	0.6	< 2	3.42	21	52	5.01	< 10	< 1	0.52	54
390491	46	< 0.2	< 0.5	136	1400	3	48	3	65	1.78	9	< 10	171	0.7	< 2	3.57	24	85	4.90	< 10	< 1	0.70	70
390492	45	< 0.2	< 0.5	125	1080	3	57	4	70	1.91	15	< 10	123	0.6	< 2	2.68	28	89	4.84	< 10	< 1	0.53	75
390493	76	< 0.2	< 0.5	130	785	5	67	3	84	2.36	17	< 10	116	0.6	< 2	1.94	32	84	4.68	10	< 1	0.52	69
390494	25	< 0.2	< 0.5	58	1360	< 1	320	< 2	64	2.22	< 2	< 10	75	0.6	< 2	5.13	39	341	5.61	< 10	< 1	0.31	23

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
390495	35	< 0.2	< 0.5	38	1790	< 1	294	3	46	1.49	5	< 10	61	0.6	< 2	7.12	31	265	5.03	< 10	< 1	0.42	21
390496	25	< 0.2	< 0.5	85	2810	2	201	3	42	1.26	16	< 10	32	0.5	2	7.27	28	178	5.51	< 10	< 1	0.35	22
390497	76	< 0.2	< 0.5	169	1570	1	18	3	27	0.78	12	< 10	99	< 0.5	< 2	3.63	20	8	4.31	< 10	< 1	0.49	46
390498	40	< 0.2	< 0.5	120	1150	2	21	3	38	0.81	3	< 10	128	< 0.5	< 2	2.96	18	17	4.13	< 10	< 1	0.46	47
390499	58	< 0.2	< 0.5	135	1030	4	26	3	45	1.01	5	< 10	201	< 0.5	< 2	2.34	19	23	4.19	< 10	< 1	0.55	49
390500	1110	1.1	0.7	634	522	34	35	86	110	1.61	20	< 10	183	< 0.5	< 2	1.33	14	48	3.64	< 10	< 1	0.29	< 10
390501	84	< 0.2	< 0.5	142	1150	1	16	3	32	0.80	6	< 10	207	< 0.5	< 2	3.01	15	21	3.90	< 10	< 1	0.56	53
390502	96	< 0.2	< 0.5	109	1320	2	22	4	35	1.05	7	< 10	252	0.6	< 2	3.43	18	34	4.36	< 10	< 1	0.75	62
390503	100	< 0.2	< 0.5	125	1610	4	36	3	47	0.97	9	< 10	186	0.6	< 2	3.13	23	41	4.84	< 10	< 1	0.64	65
390504	94	< 0.2	< 0.5	158	1170	2	35	4	54	1.22	11	10	217	0.6	< 2	1.71	24	38	4.80	< 10	< 1	0.68	59
390505	145	< 0.2	< 0.5	133	1370	3	28	5	59	1.17	11	< 10	387	0.5	< 2	1.89	22	26	4.43	< 10	< 1	0.60	55
390506	110	< 0.2	< 0.5	80	1310	5	25	4	47	0.95	7	11	129	0.6	< 2	1.48	17	29	3.32	< 10	< 1	0.60	43
390507	87	< 0.2	< 0.5	123	906	5	15	6	46	0.82	8	< 10	128	0.5	< 2	0.91	15	17	3.09	< 10	< 1	0.53	36
390508	47	< 0.2	< 0.5	103	1100	3	25	7	54	0.85	3	< 10	126	< 0.5	< 2	1.17	16	28	3.59	< 10	< 1	0.55	38
390509	118	0.3	< 0.5	90	1120	4	23	6	41	0.62	12	< 10	76	< 0.5	< 2	0.90	14	26	2.67	< 10	< 1	0.40	29
390510	44	< 0.2	< 0.5	75	1210	3	45	4	68	1.26	5	11	209	0.6	< 2	1.57	20	73	4.39	< 10	< 1	0.65	33
390511	55	< 0.2	< 0.5	95	1260	4	24	6	49	0.92	10	< 10	112	< 0.5	< 2	2.42	21	23	4.15	< 10	< 1	0.46	43
390512	38	< 0.2	< 0.5	67	1190	11	33	3	49	1.05	7	< 10	151	0.5	< 2	2.32	16	70	3.73	< 10	< 1	0.53	34
390513	51	< 0.2	< 0.5	75	1010	7	27	4	43	0.98	8	< 10	182	< 0.5	< 2	2.02	19	44	3.57	< 10	< 1	0.50	43
390514	88	< 0.2	< 0.5	113	920	5	20	4	44	0.97	3	< 10	627	< 0.5	< 2	1.43	14	26	3.19	< 10	< 1	0.54	36
390515	86	< 0.2	< 0.5	163	1070	6	28	3	49	1.08	< 2	< 10	270	0.5	< 2	1.50	14	46	3.50	< 10	< 1	0.60	37
390516	142	0.3	< 0.5	298	845	5	16	4	41	0.83	3	< 10	281	< 0.5	< 2	1.25	12	15	2.77	< 10	< 1	0.48	34
390517	102	< 0.2	< 0.5	52	758	3	12	3	27	0.58	5	< 10	139	< 0.5	< 2	1.05	9	15	2.01	< 10	< 1	0.38	21
390518	45	< 0.2	< 0.5	35	751	3	11	3	28	0.57	5	< 10	232	< 0.5	< 2	1.00	9	15	1.95	< 10	< 1	0.38	22
390519	55	< 0.2	< 0.5	112	1280	5	18	4	51	0.83	8	10	223	0.5	< 2	1.58	18	14	3.80	< 10	< 1	0.58	41
390520	< 5	< 0.2	< 0.5	1	50	< 1	< 1	2	4	0.06	< 2	< 10	10	< 0.5	< 2	0.02	< 1	6	0.43	< 10	< 1	0.01	< 10
390521	67	< 0.2	< 0.5	104	1360	8	14	3	48	0.81	4	< 10	140	< 0.5	< 2	1.76	14	12	4.19	< 10	< 1	0.49	52
390522	70	< 0.2	< 0.5	59	1420	12	11	4	44	0.73	5	< 10	101	< 0.5	< 2	1.88	14	8	3.80	< 10	< 1	0.45	48
390523	58	< 0.2	< 0.5	89	979	6	13	3	38	0.81	7	< 10	241	< 0.5	< 2	1.62	14	12	3.20	< 10	< 1	0.55	45
390524	68	< 0.2	< 0.5	142	1290	3	19	3	56	0.97	4	10	563	0.6	< 2	1.64	19	16	4.49	< 10	< 1	0.59	58
390525	79	< 0.2	< 0.5	132	1370	3	14	3	45	0.83	3	< 10	455	< 0.5	< 2	2.29	14	11	4.22	< 10	< 1	0.49	51
390526	132	< 0.2	< 0.5	81	953	11	15	5	45	0.90	5	< 10	126	< 0.5	< 2	1.71	15	13	3.33	< 10	< 1	0.46	41
390527	57	< 0.2	< 0.5	100	1160	3	20	4	42	1.17	3	11	155	0.6	< 2	1.99	16	19	4.08	< 10	< 1	0.66	45
390528	244	< 0.2	< 0.5	98	614	5	4	5	22	0.45	< 2	< 10	110	< 0.5	< 2	2.01	7	11	1.78	< 10	< 1	0.32	22
390529	645	0.3	< 0.5	125	905	4	7	4	17	0.56	5	< 10	63	< 0.5	< 2	2.10	6	13	1.82	< 10	< 1	0.35	19
390530	844	0.7	< 0.5	121	714	59	8	6	14	0.51	7	< 10	59	< 0.5	< 2	1.71	8	12	1.56	< 10	< 1	0.31	22
390531	678	0.4	< 0.5	172	1110	7	24	6	15	0.84	39	< 10	58	< 0.5	< 2	2.05	17	12	2.69	< 10	< 1	0.45	33
390532	258	< 0.2	< 0.5	329	1510	10	29	7	32	1.24	7	< 10	64	0.6	< 2	3.44	18	12	3.77	< 10	< 1	0.51	42
390533	103	< 0.2	< 0.5	108	1530	6	37	4	33	1.34	12	< 10	79	0.5	< 2	4.22	19	8	4.12	< 10	< 1	0.53	39
390534	37	< 0.2	< 0.5	141	2040	9	113	4	29	1.14	17	< 10	49	0.6	< 2	5.19	20	76	4.41	< 10	< 1	0.48	32
390535	68	< 0.2	< 0.5	188	2570	4	68	4	28	0.75	12	< 10	39	< 0.5	< 2	6.14	17	56	4.56	< 10	< 1	0.36	26
390536	218	0.2	< 0.5	90	1600	12	16	7	35	0.60	8	< 10	83	< 0.5	< 2	3.67	15	10	3.70	< 10	< 1	0.43	51
390537	76	< 0.2	< 0.5	173	1540	5	40	13	43	0.69	9	< 10	107	< 0.5	< 2	3.03	18	32	3.50	< 10	< 1	0.49	31
390538	272	0.3	< 0.5	118	1230	7	10	10	48	0.88	3	< 10	126	0.6	< 2	1.63	20	5	4.21	< 10	< 1	0.61	71
390539	215	0.4	< 0.5	222	770	17	8	14	32	1.17	8	12	160	0.7	< 2	1.21	22	6	2.96	< 10	< 1	0.80	89
390540	1100	1.0	0.7	652	518	33	36	85	119	1.62	18	11	137	< 0.5	< 2	1.32	13	48	3.63	< 10	< 1	0.29	< 10
390541	107	< 0.2	< 0.5	103	875	2	9	7	55	1.30	6	< 10	154	0.7	< 2	1.75	14	6	4.25	< 10	< 1	0.68	78
390542	283	0.7	< 0.5	404	1270	11	9	53	64	1.45	8	14	190	0.9	< 2	1.96	24	6	5.07	< 10	< 1	0.97	105
390543	181	0.3	< 0.5	208	1000	< 1	8	12	53	0.94	4	10	141	0.6	< 2	2.18	17	7	3.65	< 10	< 1	0.62	80
390544	71	0.3	< 0.5	113	1520	< 1	8	9	62	0.78	< 2	< 10	131	0.5	< 2	3.44	17	8	4.10	< 10	< 1	0.52	61
390545	52	< 0.2	< 0.5	34	1420	< 1	10	11	75	0.98	2	< 10	343	0.6	< 2	3.26	16	9	3.57	< 10	< 1	0.67	58

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
390546	153	< 0.2	< 0.5	110	1480	< 1	11	10	80	0.78	4	< 10	116	< 0.5	< 2	3.24	16	13	3.62	< 10	< 1	0.53	55
390547	500	0.3	< 0.5	122	1500	1	10	8	68	0.80	3	< 10	178	< 0.5	< 2	3.99	14	11	3.60	< 10	< 1	0.56	55
390548	294	0.2	< 0.5	155	1450	5	8	8	66	0.94	3	< 10	112	0.6	< 2	3.49	16	9	4.04	< 10	< 1	0.62	62
390549	341	1.1	< 0.5	195	1440	10	12	18	67	1.03	7	< 10	149	0.6	4	3.28	18	8	4.52	< 10	< 1	0.68	66
390550	466	0.2	< 0.5	107	1450	3	13	10	90	1.14	3	< 10	143	0.5	< 2	3.37	18	10	4.81	< 10	< 1	0.51	64
390551	217	0.3	< 0.5	120	1680	2	12	13	99	1.23	8	< 10	109	0.7	< 2	3.64	23	9	6.08	< 10	< 1	0.61	72
390552	212	0.4	< 0.5	138	1650	4	14	30	98	1.05	8	< 10	141	0.6	< 2	3.53	22	13	6.10	< 10	< 1	0.45	70
390553	326	0.2	< 0.5	108	1770	3	13	17	86	1.07	8	< 10	112	0.6	< 2	3.83	21	20	5.42	< 10	< 1	0.51	69
390554	328	0.2	< 0.5	81	1610	1	12	19	111	1.23	5	< 10	85	0.6	< 2	3.22	21	12	6.18	< 10	< 1	0.39	71
390555	694	0.4	< 0.5	160	1740	4	12	22	86	1.25	12	< 10	168	0.7	< 2	3.01	22	11	6.11	< 10	< 1	0.61	75
390556	165	1.2	< 0.5	197	1550	1	11	72	71	1.27	16	< 10	149	0.8	< 2	3.06	24	10	5.26	< 10	< 1	0.70	80
390557	132	0.6	< 0.5	206	1610	3	10	85	76	1.24	16	< 10	206	0.8	< 2	3.15	22	10	5.16	< 10	< 1	0.77	80

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	0.03
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
390291	0.81	0.059	0.115	0.28	6	5	145	< 0.01	< 20	< 1	< 2	< 10	37	< 10	8	2	
390292	0.66	0.065	0.085	1.34	6	4	133	< 0.01	< 20	2	< 2	< 10	28	< 10	6	6	
390293	0.85	0.062	0.090	1.73	6	4	170	< 0.01	< 20	5	< 2	< 10	34	< 10	7	8	
390294	0.87	0.085	0.085	0.93	6	4	193	< 0.01	< 20	3	< 2	< 10	32	< 10	7	6	
390295	0.92	0.088	0.087	0.09	4	4	126	0.01	< 20	< 1	< 2	< 10	33	< 10	6	3	
390296	1.01	0.087	0.082	0.19	6	4	124	0.03	< 20	2	< 2	< 10	35	< 10	7	6	
390297	0.78	0.084	0.093	1.63	7	4	214	0.01	< 20	< 1	< 2	< 10	34	< 10	7	9	
390298	0.87	0.073	0.091	1.11	8	5	149	< 0.01	< 20	3	< 2	< 10	36	< 10	7	9	
390299	0.71	0.078	0.090	2.25	6	4	174	< 0.01	< 20	2	< 2	< 10	34	< 10	7	16	
390300	0.84	0.135	0.066	0.62	4	7	59	0.17	< 20	4	< 2	< 10	81	21	10	7	
390301	1.05	0.061	0.094	0.91	6	5	194	< 0.01	< 20	2	< 2	< 10	37	< 10	7	5	
390302	0.72	0.081	0.079	0.51	8	4	226	< 0.01	< 20	1	< 2	< 10	31	< 10	7	4	
390303	0.76	0.087	0.090	0.53	7	4	278	< 0.01	< 20	< 1	< 2	< 10	30	< 10	7	3	
390304	0.62	0.073	0.081	0.62	6	3	141	< 0.01	< 20	< 1	< 2	< 10	23	< 10	6	3	
390305	0.48	0.074	0.100	2.04	6	3	92	< 0.01	< 20	< 1	< 2	< 10	25	< 10	7	6	
390306	0.73	0.067	0.083	1.17	6	3	126	< 0.01	< 20	2	< 2	< 10	27	< 10	6	9	
390307	0.56	0.069	0.092	0.47	5	3	83	< 0.01	< 20	1	< 2	< 10	26	< 10	6	3	
390308	0.49	0.071	0.091	0.48	5	3	75	< 0.01	< 20	< 1	< 2	< 10	26	< 10	6	3	
390309	0.82	0.237	0.070	0.11	5	5	73	0.18	< 20	< 1	< 2	< 10	69	< 10	7	9	
390310	0.77	0.077	0.085	0.27	4	3	137	< 0.01	< 20	< 1	< 2	< 10	26	< 10	6	3	
390311	0.78	0.073	0.086	0.41	4	4	78	< 0.01	< 20	< 1	< 2	< 10	28	< 10	7	4	
390312	0.72	0.092	0.087	1.05	5	3	110	< 0.01	< 20	< 1	< 2	< 10	25	< 10	7	4	
390313	0.68	0.065	0.092	0.90	5	3	120	< 0.01	< 20	< 1	< 2	< 10	21	< 10	6	3	
390314	0.90	0.074	0.091	0.57	6	4	211	< 0.01	< 20	< 1	< 2	< 10	31	< 10	6	3	
390315	0.84	0.057	0.093	0.44	4	3	154	< 0.01	< 20	1	< 2	< 10	24	< 10	7	4	
390316	0.49	0.099	0.070	1.69	5	3	116	< 0.01	< 20	< 1	< 2	< 10	18	< 10	5	10	
390317	3.23	0.033	0.088	0.55	7	11	791	< 0.01	< 20	< 1	< 2	< 10	37	< 10	7	4	
390318	2.11	0.042	0.093	0.78	6	8	559	< 0.01	< 20	< 1	< 2	< 10	27	< 10	7	3	
390319	0.79	0.053	0.093	0.95	7	4	191	< 0.01	< 20	< 1	< 2	< 10	27	< 10	7	3	
390320	0.01	0.012	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	4	
390321	1.21	0.052	0.080	0.34	7	5	201	< 0.01	< 20	1	< 2	< 10	34	< 10	6	3	
390322	0.41	0.079	0.102	0.44	7	4	91	< 0.01	< 20	< 1	< 2	< 10	25	< 10	6	3	
390323	0.26	0.087	0.096	0.44	11	4	55	< 0.01	< 20	< 1	< 2	< 10	27	< 10	5	2	
390324	0.57	0.072	0.090	0.13	5	5	147	< 0.01	< 20	< 1	< 2	< 10	26	< 10	5	3	
390325	0.71	0.063	0.086	0.23	7	5	159	< 0.01	< 20	< 1	< 2	< 10	27	< 10	6	3	
390326	0.29	0.050	0.089	1.38	9	3	50	< 0.01	< 20	4	< 2	< 10	24	< 10	6	4	
390327	0.86	0.077	0.090	1.53	9	5	132	< 0.01	< 20	< 1	< 2	< 10	33	< 10	7	7	
390328	1.13	0.097	0.099	0.40	8	5	108	0.01	< 20	< 1	< 2	< 10	43	< 10	7	5	
390329	0.98	0.088	0.092	1.18	6	5	149	< 0.01	< 20	< 1	< 2	< 10	37	< 10	7	6	
390330	1.16	0.092	0.094	0.48	6	5	157	0.01	< 20	< 1	< 2	< 10	40	< 10	7	6	
390331	1.09	0.093	0.094	0.08	4	5	202	0.01	< 20	< 1	< 2	< 10	47	< 10	7	5	
390332	1.07	0.080	0.096	0.17	5	5	165	0.01	< 20	< 1	< 2	< 10	41	< 10	7	4	
390333	1.02	0.076	0.101	1.09	6	4	174	0.01	< 20	2	< 2	< 10	36	< 10	7	5	
390334	0.89	0.074	0.097	0.79	11	4	99	< 0.01	< 20	2	< 2	< 10	35	< 10	7	5	
390335	0.84	0.065	0.090	0.84	5	4	67	0.01	< 20	2	< 2	< 10	32	< 10	6	6	
390336	0.91	0.082	0.099	0.06	5	5	49	0.02	< 20	< 1	< 2	< 10	48	< 10	7	4	
390337	0.92	0.080	0.101	0.35	11	5	72	0.01	< 20	< 1	< 2	< 10	42	< 10	7	3	
390338	0.91	0.071	0.094	1.05	6	3	266	0.01	< 20	< 1	< 2	< 10	31	< 10	7	4	
390339	1.05	0.073	0.092	0.77	9	4	186	0.01	< 20	< 1	< 2	< 10	33	< 10	7	6	
390340	0.71	0.112	0.049	0.67	3	6	59	0.17	< 20	< 1	< 2	< 10	74	11	13	9	

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	0.03
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
390341	1.04	0.066	0.099	0.56	7	4	159	0.01	< 20	1	< 2	< 10	34	< 10	7	4	
390342	1.29	0.089	0.095	0.09	5	5	217	0.02	< 20	< 1	< 2	< 10	42	< 10	7	3	
390343	1.32	0.087	0.106	0.37	5	5	184	0.01	< 20	< 1	< 2	< 10	41	< 10	7	3	
390344	1.23	0.065	0.095	1.28	7	4	97	< 0.01	< 20	< 1	< 2	< 10	33	< 10	7	5	
390345	1.39	0.074	0.097	0.18	5	4	101	0.01	< 20	1	< 2	< 10	40	< 10	7	3	
390346	1.13	0.083	0.086	0.94	6	4	121	< 0.01	< 20	1	< 2	< 10	35	< 10	7	7	
390347	1.20	0.071	0.087	1.51	9	4	90	< 0.01	< 20	1	< 2	< 10	33	< 10	7	7	
390348	0.59	0.071	0.073	1.10	4	3	60	< 0.01	< 20	< 1	< 2	< 10	24	< 10	6	4	
390349	0.43	0.087	0.088	1.65	6	3	83	< 0.01	< 20	2	< 2	< 10	23	< 10	7	6	
390350	0.39	0.053	0.043	2.16	6	3	63	< 0.01	< 20	< 1	< 2	< 10	22	< 10	6	30	
390351	0.73	0.083	0.080	1.96	7	4	108	< 0.01	< 20	6	< 2	< 10	35	< 10	6	10	
390352	1.01	0.139	0.080	1.20	5	5	128	0.02	< 20	1	< 2	< 10	52	< 10	6	11	
390353	0.95	0.109	0.076	1.21	5	5	97	0.03	< 20	8	< 2	< 10	49	< 10	6	24	
390354	1.21	0.088	0.099	1.30	5	7	274	< 0.01	< 20	< 1	< 2	< 10	43	< 10	7	4	
390355	0.84	0.072	0.102	0.31	9	6	127	0.01	< 20	< 1	< 2	< 10	44	< 10	8	3	
390356	0.76	0.087	0.093	0.14	7	5	56	0.01	< 20	< 1	< 2	< 10	45	< 10	7	3	
390357	0.88	0.082	0.094	0.42	7	6	123	0.01	< 20	1	< 2	< 10	42	< 10	7	3	
390358	0.98	0.074	0.093	0.14	6	7	158	0.01	< 20	2	< 2	< 10	43	< 10	7	3	
390359	0.98	0.062	0.094	0.14	6	5	187	< 0.01	< 20	< 1	< 2	< 10	36	< 10	7	2	
390360	0.02	0.015	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	1	< 2	< 10	2	< 10	< 1	3	
390361	0.73	0.051	0.103	0.23	9	5	89	< 0.01	< 20	< 1	< 2	< 10	32	< 10	7	3	
390362	0.81	0.052	0.087	0.12	5	4	156	< 0.01	< 20	1	< 2	< 10	28	< 10	7	3	
390363	0.63	0.058	0.078	0.03	3	3	58	< 0.01	< 20	2	< 2	< 10	24	< 10	5	3	
390364	0.63	0.070	0.072	0.07	3	2	54	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	4	
390365	0.67	0.064	0.086	0.16	4	2	185	< 0.01	< 20	2	< 2	< 10	18	< 10	6	2	
390366	0.70	0.063	0.104	0.09	5	4	58	< 0.01	< 20	< 1	< 2	< 10	33	< 10	7	2	
390367	0.77	0.047	0.112	0.19	5	4	159	< 0.01	< 20	< 1	< 2	< 10	30	< 10	8	2	
390368	0.50	0.061	0.110	0.53	6	4	74	< 0.01	< 20	< 1	< 2	< 10	28	< 10	7	2	
390369	0.41	0.049	0.091	0.65	5	2	69	< 0.01	< 20	3	< 2	< 10	16	< 10	6	4	
390370	0.37	0.064	0.079	0.29	6	2	93	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	3	
390371	0.43	0.054	0.097	0.95	4	2	136	< 0.01	< 20	< 1	< 2	< 10	19	< 10	6	3	
390372	0.45	0.057	0.084	0.36	5	3	83	< 0.01	< 20	< 1	< 2	< 10	21	< 10	6	3	
390373	0.43	0.062	0.083	0.58	3	3	91	< 0.01	< 20	< 1	< 2	< 10	25	< 10	6	2	
390374	0.41	0.048	0.090	0.23	3	3	68	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	2	
390375	0.29	0.056	0.093	0.51	5	3	63	< 0.01	< 20	2	< 2	< 10	19	< 10	6	2	
390376	0.32	0.055	0.090	0.44	4	3	52	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	2	
390377	0.29	0.061	0.094	0.52	5	4	38	< 0.01	< 20	< 1	< 2	< 10	23	< 10	6	2	
390378	0.29	0.047	0.091	0.57	5	3	40	< 0.01	< 20	< 1	< 2	< 10	21	< 10	6	3	
390379	0.30	0.055	0.098	0.54	5	3	32	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	2	
390380	0.71	0.039	0.032	1.02	4	3	46	0.03	< 20	< 1	< 2	< 10	26	< 10	4	10	8.37
390381	0.55	0.055	0.097	0.21	3	4	59	< 0.01	< 20	2	< 2	< 10	23	< 10	6	2	
390382	0.40	0.055	0.091	0.90	4	3	32	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	3	
390383	0.57	0.047	0.090	0.47	3	2	29	< 0.01	< 20	3	< 2	< 10	18	< 10	7	2	
390384	1.24	0.037	0.126	0.87	9	5	114	< 0.01	< 20	< 1	< 2	< 10	40	< 10	8	3	
390385	1.03	0.047	0.110	0.29	5	5	115	< 0.01	< 20	< 1	< 2	< 10	34	< 10	7	3	
390386	0.75	0.062	0.092	0.31	5	4	100	< 0.01	< 20	< 1	< 2	< 10	26	< 10	7	2	
390387	0.77	0.045	0.126	0.45	7	6	92	< 0.01	< 20	< 1	< 2	< 10	38	< 10	8	2	
390388	0.51	0.064	0.107	0.33	6	4	70	< 0.01	< 20	< 1	< 2	< 10	27	< 10	8	2	
390389	0.92	0.055	0.100	0.71	9	5	74	< 0.01	< 20	< 1	< 2	< 10	27	< 10	8	3	
390390	1.62	0.039	0.080	1.82	9	5	59	< 0.01	< 20	< 1	< 2	< 10	20	< 10	8	4	

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	0.03
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
390391	1.51	0.038	0.129	0.26	5	7	132	< 0.01	< 20	< 1	< 2	< 10	36	< 10	8	2	
390392	0.57	0.044	0.221	5.51	5	5	154	< 0.01	< 20	< 1	< 2	< 10	45	< 10	12	6	
390393	1.03	0.050	0.214	4.35	5	6	242	< 0.01	< 20	3	< 2	< 10	54	< 10	12	4	
390394	1.09	0.051	0.214	3.88	4	6	266	0.01	< 20	2	< 2	< 10	54	< 10	13	4	
390395	1.00	0.044	0.225	5.15	6	5	177	< 0.01	< 20	< 1	< 2	< 10	51	< 10	12	6	
390396	1.00	0.040	0.235	4.89	6	5	228	< 0.01	< 20	< 1	< 2	< 10	48	< 10	13	5	
390397	1.37	0.044	0.225	3.25	5	6	257	< 0.01	< 20	2	< 2	< 10	51	< 10	12	4	
390398	1.40	0.052	0.221	3.04	5	6	254	< 0.01	< 20	< 1	< 2	< 10	57	< 10	12	4	
390399	1.00	0.069	0.226	6.46	6	5	168	< 0.01	< 20	2	< 2	< 10	61	< 10	12	7	
390400	< 0.01	0.011	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
390401	0.87	0.070	0.180	5.35	6	5	224	< 0.01	< 20	2	< 2	< 10	44	< 10	10	8	
390402	1.31	0.064	0.189	3.64	5	5	227	< 0.01	< 20	< 1	< 2	< 10	54	< 10	12	5	
390403	1.46	0.057	0.228	2.18	3	6	416	< 0.01	< 20	< 1	< 2	< 10	51	< 10	12	3	
390404	1.12	0.054	0.139	2.78	4	5	203	< 0.01	< 20	3	< 2	< 10	35	< 10	8	7	
390405	1.49	0.062	0.194	3.77	4	7	247	< 0.01	< 20	4	< 2	< 10	50	< 10	11	5	
390406	1.24	0.055	0.221	3.82	4	6	231	< 0.01	< 20	3	< 2	< 10	40	< 10	11	5	
390407	1.32	0.065	0.214	2.45	3	7	303	< 0.01	< 20	< 1	< 2	< 10	47	< 10	12	3	
390408	0.90	0.068	0.242	1.47	5	6	273	0.01	< 20	5	< 2	< 10	66	36	13	2	
390409	1.16	0.063	0.220	2.62	3	6	226	< 0.01	< 20	< 1	< 2	< 10	48	25	11	3	
390410	1.27	0.051	0.217	2.79	3	6	229	< 0.01	< 20	2	< 2	< 10	43	< 10	10	3	
390411	1.21	0.057	0.224	3.48	4	6	261	< 0.01	< 20	< 1	< 2	< 10	46	< 10	10	3	
390412	1.29	0.058	0.201	2.53	3	5	241	< 0.01	< 20	2	< 2	< 10	49	< 10	10	4	
390413	1.09	0.071	0.212	2.36	3	5	218	< 0.01	< 20	2	< 2	< 10	56	< 10	10	3	
390414	0.91	0.072	0.163	3.99	4	3	212	< 0.01	< 20	4	< 2	< 10	39	< 10	10	6	
390415	0.95	0.072	0.194	3.15	4	4	268	< 0.01	< 20	3	< 2	< 10	48	< 10	11	4	
390416	1.08	0.068	0.225	2.50	5	5	258	< 0.01	< 20	1	< 2	< 10	58	< 10	12	4	
390417	0.63	0.076	0.140	2.02	4	3	98	< 0.01	< 20	< 1	< 2	< 10	35	< 10	7	6	
390418	0.62	0.041	0.172	1.26	5	5	87	< 0.01	< 20	< 1	< 2	< 10	34	< 10	8	2	
390419	0.95	0.046	0.169	3.31	5	6	182	< 0.01	< 20	3	< 2	< 10	42	< 10	9	7	
390420	0.72	0.039	0.033	1.05	4	3	47	0.03	< 20	< 1	< 2	< 10	26	< 10	4	10	8.39
390421	1.63	0.067	0.132	3.26	3	5	272	< 0.01	< 20	< 1	< 2	< 10	43	< 10	6	7	
390422	1.92	0.050	0.170	2.86	4	8	421	< 0.01	< 20	< 1	< 2	< 10	52	< 10	10	3	
390423	0.97	0.044	0.202	3.26	4	4	246	< 0.01	< 20	1	< 2	< 10	47	< 10	11	4	
390424	0.79	0.039	0.188	4.34	6	4	226	< 0.01	< 20	< 1	< 2	< 10	40	< 10	9	5	
390425	1.06	0.041	0.203	3.71	5	5	225	< 0.01	< 20	2	< 2	< 10	51	< 10	9	7	
390426	1.08	0.045	0.187	3.77	4	6	244	< 0.01	< 20	4	< 2	< 10	46	< 10	10	7	
390427	1.39	0.053	0.177	3.27	4	8	423	< 0.01	< 20	1	< 2	< 10	50	< 10	12	5	
390428	1.43	0.058	0.163	3.48	4	7	414	< 0.01	< 20	2	< 2	< 10	45	< 10	10	5	
390429	0.76	0.055	0.066	1.56	3	2	166	< 0.01	< 20	< 1	< 2	< 10	13	< 10	4	7	
390430	0.84	0.078	0.079	2.07	3	2	217	< 0.01	< 20	4	< 2	< 10	20	< 10	5	7	
390431	0.79	0.059	0.080	1.90	4	2	174	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	5	
390432	1.11	0.036	0.170	4.46	6	5	262	< 0.01	< 20	4	< 2	< 10	36	< 10	8	7	
390433	0.89	0.059	0.152	3.94	4	3	173	< 0.01	< 20	2	< 2	< 10	32	< 10	8	6	
390434	0.71	0.047	0.147	2.33	3	2	138	< 0.01	< 20	< 1	< 2	< 10	20	< 10	7	4	
390435	0.28	0.050	0.154	1.76	3	2	64	< 0.01	< 20	2	< 2	< 10	16	< 10	6	3	
390436	0.24	0.076	0.138	1.70	3	2	61	< 0.01	< 20	< 1	< 2	< 10	18	< 10	6	3	
390437	0.47	0.059	0.126	2.00	3	2	131	< 0.01	< 20	2	< 2	< 10	17	< 10	6	4	
390438	1.44	0.036	0.122	2.41	3	4	340	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	7	
390439	0.29	0.049	0.122	2.06	4	2	81	< 0.01	< 20	2	< 2	< 10	15	< 10	5	4	
390440	< 0.01	0.013	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	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	0.03
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
390441	0.30	0.056	0.104	1.40	2	1	64	< 0.01	< 20	1	< 2	< 10	12	< 10	5	4	
390442	0.67	0.065	0.096	1.00	3	1	121	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	3	
390443	0.74	0.053	0.095	1.94	4	2	158	< 0.01	< 20	< 1	< 2	< 10	18	< 10	6	6	
390444	0.30	0.064	0.101	2.53	4	2	71	< 0.01	< 20	1	< 2	< 10	18	< 10	6	6	
390445	0.40	0.093	0.124	1.09	3	2	121	< 0.01	< 20	< 1	< 2	< 10	23	< 10	7	3	
390446	0.69	0.055	0.171	1.27	5	4	192	< 0.01	< 20	< 1	< 2	< 10	40	< 10	12	2	
390447	1.11	0.082	0.168	2.06	4	7	314	< 0.01	< 20	3	< 2	< 10	55	< 10	11	4	
390448	1.80	0.068	0.160	1.18	4	7	293	< 0.01	< 20	2	< 2	< 10	62	< 10	8	4	
390449	1.11	0.071	0.180	1.18	5	7	310	< 0.01	< 20	3	< 2	< 10	59	11	10	3	
390450	1.90	0.104	0.157	0.66	4	9	367	0.01	< 20	2	< 2	< 10	83	< 10	10	3	
390451	1.34	0.072	0.174	2.28	3	6	314	< 0.01	< 20	< 1	< 2	< 10	53	< 10	11	3	
390452	1.03	0.070	0.172	2.33	4	6	323	< 0.01	< 20	< 1	< 2	< 10	41	< 10	9	3	
390453	0.78	0.072	0.142	0.59	4	3	152	< 0.01	< 20	< 1	< 2	< 10	28	< 10	8	2	
390454	0.61	0.057	0.113	0.50	3	3	186	< 0.01	< 20	< 1	< 2	< 10	23	< 10	7	2	
390455	0.87	0.056	0.152	0.30	5	7	201	< 0.01	< 20	< 1	< 2	< 10	56	< 10	11	2	
390456	0.74	0.078	0.229	0.31	5	5	128	< 0.01	< 20	< 1	< 2	< 10	65	< 10	15	1	
390457	0.85	0.076	0.225	0.21	5	5	217	< 0.01	< 20	< 1	< 2	< 10	57	< 10	16	2	
390458	0.71	0.095	0.136	0.05	4	5	100	< 0.01	< 20	< 1	< 2	< 10	40	< 10	8	2	
390459	0.55	0.069	0.109	0.10	2	3	132	< 0.01	< 20	< 1	< 2	< 10	20	< 10	6	2	
390460	0.71	0.114	0.049	0.68	5	6	58	0.16	< 20	5	< 2	< 10	74	12	12	8	
390461	0.57	0.081	0.115	0.16	3	2	97	< 0.01	< 20	< 1	< 2	< 10	22	< 10	6	2	
390462	0.82	0.075	0.118	0.69	3	3	203	< 0.01	< 20	< 1	< 2	< 10	26	< 10	8	2	
390463	0.73	0.099	0.079	0.35	< 2	2	125	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	1	
390464	0.55	0.068	0.084	0.06	3	2	107	< 0.01	< 20	1	< 2	< 10	20	< 10	5	2	
390465	1.19	0.063	0.205	0.13	5	7	175	0.01	< 20	4	< 2	< 10	84	< 10	14	2	
390466	1.14	0.074	0.101	0.15	< 2	4	250	< 0.01	< 20	< 1	< 2	< 10	29	< 10	7	2	
390467	1.15	0.067	0.082	0.09	< 2	3	225	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	2	
390468	0.67	0.062	0.097	0.14	< 2	2	146	< 0.01	< 20	< 1	< 2	< 10	13	< 10	6	2	
390469	0.97	0.069	0.078	0.03	2	3	204	< 0.01	< 20	2	< 2	< 10	17	< 10	5	2	
390470	0.64	0.079	0.065	0.09	< 2	2	135	< 0.01	< 20	< 1	< 2	< 10	15	< 10	4	2	
390471	0.68	0.071	0.070	0.14	2	2	179	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	2	
390472	0.73	0.067	0.073	0.08	2	2	109	< 0.01	< 20	< 1	< 2	< 10	19	< 10	5	3	
390473	1.08	0.075	0.103	0.10	3	3	106	< 0.01	< 20	< 1	< 2	< 10	33	< 10	6	6	
390474	1.82	0.064	0.079	0.02	4	7	305	< 0.01	< 20	< 1	< 2	< 10	46	< 10	5	6	
390475	1.59	0.078	0.104	0.02	3	5	144	< 0.01	< 20	< 1	< 2	< 10	49	< 10	7	5	
390476	1.73	0.080	0.087	0.04	3	6	160	< 0.01	< 20	< 1	< 2	< 10	53	< 10	6	5	
390477	1.14	0.080	0.083	0.02	2	3	166	< 0.01	< 20	< 1	< 2	< 10	32	< 10	6	5	
390478	1.56	0.078	0.093	0.03	4	6	169	0.01	< 20	< 1	< 2	< 10	63	< 10	7	5	
390479	1.71	0.065	0.101	0.11	3	7	308	0.01	< 20	2	< 2	< 10	65	< 10	7	7	
390480	< 0.01	0.011	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390481	1.99	0.075	0.164	0.02	5	6	245	0.01	< 20	2	< 2	< 10	84	< 10	11	4	
390482	1.80	0.074	0.164	0.03	3	6	324	0.01	< 20	< 1	< 2	< 10	86	< 10	12	4	
390483	1.94	0.066	0.173	0.14	3	6	239	0.01	< 20	< 1	< 2	< 10	77	< 10	12	3	
390484	2.05	0.064	0.174	0.25	4	6	232	0.02	< 20	< 1	< 2	< 10	91	< 10	12	3	
390485	2.12	0.066	0.167	0.14	4	7	205	0.01	< 20	4	< 2	< 10	95	< 10	12	4	
390486	1.73	0.065	0.178	0.22	4	7	261	0.02	< 20	< 1	< 2	< 10	90	< 10	11	3	
390487	1.92	0.064	0.178	0.08	3	7	336	0.01	< 20	1	< 2	< 10	83	< 10	12	3	
390488	2.00	0.060	0.187	0.03	3	6	245	0.02	< 20	< 1	< 2	< 10	92	< 10	11	3	
390489	1.79	0.062	0.176	0.38	4	7	393	0.01	< 20	< 1	< 2	< 10	72	< 10	10	3	
390490	2.00	0.066	0.186	0.03	7	8	414	0.01	< 20	< 1	< 2	< 10	78	< 10	11	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	0.03
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
390491	2.08	0.052	0.225	0.13	4	8	399	0.01	< 20	1	< 2	< 10	69	< 10	13	2	
390492	2.13	0.072	0.230	0.31	4	8	341	0.01	< 20	< 1	< 2	< 10	86	< 10	13	3	
390493	2.50	0.076	0.221	0.29	4	7	223	0.01	< 20	< 1	< 2	< 10	90	< 10	12	2	
390494	4.56	0.018	0.108	0.03	4	13	678	< 0.01	< 20	< 1	< 2	< 10	68	< 10	7	5	
390495	4.56	0.015	0.084	0.03	4	13	936	< 0.01	< 20	1	< 2	< 10	44	< 10	8	4	
390496	3.96	0.018	0.088	0.05	4	10	523	< 0.01	< 20	< 1	< 2	< 10	34	< 10	8	5	
390497	1.82	0.046	0.178	0.17	4	7	221	< 0.01	< 20	< 1	< 2	< 10	30	< 10	8	3	
390498	1.72	0.044	0.157	0.11	3	6	226	< 0.01	< 20	< 1	< 2	< 10	31	< 10	9	3	
390499	1.64	0.056	0.151	0.08	2	6	201	< 0.01	< 20	6	< 2	< 10	45	< 10	9	4	
390500	0.82	0.134	0.066	0.60	3	7	58	0.17	< 20	4	< 2	< 10	79	22	9	9	
390501	1.20	0.049	0.177	0.03	2	6	225	< 0.01	< 20	< 1	< 2	< 10	48	< 10	9	3	
390502	1.43	0.043	0.205	0.05	3	8	293	< 0.01	< 20	< 1	< 2	< 10	54	< 10	11	2	
390503	1.94	0.042	0.228	0.15	4	9	308	< 0.01	< 20	< 1	< 2	< 10	47	< 10	13	3	
390504	1.79	0.048	0.218	0.17	4	7	205	< 0.01	< 20	2	< 2	< 10	60	< 10	12	3	
390505	1.75	0.049	0.204	0.10	3	6	247	< 0.01	< 20	5	< 2	< 10	46	< 10	12	3	
390506	1.06	0.052	0.130	0.05	4	5	151	< 0.01	< 20	< 1	< 2	< 10	31	< 10	9	3	
390507	0.74	0.053	0.107	0.05	4	3	100	< 0.01	< 20	2	< 2	< 10	29	< 10	7	3	
390508	0.91	0.067	0.133	0.04	3	5	141	< 0.01	< 20	< 1	< 2	< 10	34	< 10	8	5	
390509	0.61	0.070	0.116	0.07	3	4	117	< 0.01	< 20	3	< 2	< 10	25	< 10	6	4	
390510	1.27	0.061	0.118	0.11	5	8	210	0.01	< 20	< 1	< 2	< 10	57	< 10	8	5	
390511	1.25	0.073	0.142	0.95	3	7	313	< 0.01	< 20	< 1	< 2	< 10	49	< 10	10	6	
390512	1.33	0.057	0.107	0.14	4	7	368	< 0.01	< 20	2	< 2	< 10	50	< 10	9	6	
390513	1.26	0.079	0.147	0.42	2	7	284	< 0.01	< 20	< 1	< 2	< 10	43	< 10	10	4	
390514	1.34	0.065	0.116	0.09	3	5	194	< 0.01	< 20	4	< 2	< 10	32	< 10	8	5	
390515	1.38	0.074	0.106	0.05	2	6	189	< 0.01	< 20	< 1	< 2	< 10	40	< 10	8	4	
390516	1.16	0.052	0.105	0.05	5	4	137	< 0.01	< 20	< 1	< 2	< 10	29	< 10	7	5	
390517	0.81	0.063	0.059	0.02	3	2	89	< 0.01	< 20	< 1	< 2	< 10	12	< 10	4	9	
390518	0.78	0.057	0.059	0.02	2	2	103	< 0.01	< 20	< 1	< 2	< 10	11	< 10	4	7	
390519	1.50	0.057	0.136	0.12	3	6	184	< 0.01	< 20	4	< 2	< 10	34	< 10	9	3	
390520	0.01	0.009	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390521	1.35	0.062	0.171	0.05	3	7	175	< 0.01	< 20	2	< 2	< 10	45	< 10	10	3	
390522	1.18	0.052	0.160	0.15	4	5	227	< 0.01	< 20	< 1	< 2	< 10	35	< 10	9	2	
390523	0.96	0.058	0.151	0.12	3	5	168	< 0.01	< 20	< 1	< 2	< 10	27	< 10	8	3	
390524	1.61	0.049	0.192	0.04	3	7	160	< 0.01	< 20	2	< 2	< 10	50	< 10	12	3	
390525	1.56	0.056	0.169	0.03	3	6	232	< 0.01	< 20	< 1	< 2	< 10	40	< 10	11	3	
390526	1.18	0.053	0.139	0.04	3	5	176	< 0.01	< 20	< 1	< 2	< 10	30	< 10	8	3	
390527	1.38	0.042	0.163	0.03	3	6	199	0.01	< 20	< 1	< 2	< 10	41	< 10	9	3	
390528	0.78	0.044	0.064	0.02	< 2	2	149	< 0.01	< 20	< 1	< 2	< 10	10	< 10	4	8	
390529	0.76	0.063	0.053	0.05	< 2	2	174	< 0.01	< 20	< 1	< 2	< 10	9	< 10	4	6	
390530	0.62	0.055	0.068	0.20	2	2	146	< 0.01	< 20	5	< 2	< 10	10	< 10	4	5	
390531	0.86	0.049	0.125	0.33	3	4	155	< 0.01	< 20	< 1	< 2	< 10	23	< 10	7	2	
390532	1.42	0.030	0.152	0.28	4	5	160	< 0.01	< 20	< 1	< 2	< 10	26	< 10	11	2	
390533	1.79	0.040	0.140	0.19	3	6	230	< 0.01	< 20	< 1	< 2	< 10	30	< 10	12	2	
390534	2.43	0.023	0.125	0.12	3	9	447	< 0.01	< 20	4	< 2	< 10	29	< 10	11	2	
390535	2.73	0.028	0.106	0.23	5	7	456	< 0.01	< 20	< 1	< 2	< 10	24	< 10	9	2	
390536	1.54	0.034	0.185	0.03	3	5	306	< 0.01	< 20	2	< 2	< 10	22	< 10	10	2	
390537	1.23	0.036	0.143	0.03	5	6	234	< 0.01	< 20	2	< 2	< 10	21	< 10	8	2	
390538	0.72	0.031	0.259	0.03	4	4	133	< 0.01	< 20	< 1	< 2	< 10	30	< 10	15	2	
390539	0.38	0.040	0.299	0.39	< 2	4	106	< 0.01	< 20	2	< 2	< 10	38	< 10	17	1	
390540	0.81	0.134	0.064	0.59	5	7	59	0.17	< 20	< 1	< 2	< 10	80	21	9	8	

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	0.03
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
390541	0.65	0.034	0.283	0.04	5	4	149	< 0.01	< 20	1	< 2	< 10	53	< 10	17	1	
390542	0.74	0.049	0.345	0.08	5	6	164	< 0.01	< 20	< 1	< 2	< 10	47	< 10	24	2	
390543	0.70	0.044	0.245	0.04	4	5	174	< 0.01	< 20	< 1	< 2	< 10	55	< 10	19	2	
390544	1.25	0.033	0.192	0.04	4	4	239	< 0.01	< 20	< 1	< 2	< 10	34	< 10	12	2	
390545	1.52	0.046	0.164	0.04	3	4	332	< 0.01	< 20	2	< 2	< 10	35	< 10	12	2	
390546	1.41	0.041	0.163	0.05	4	4	303	< 0.01	< 20	4	< 2	< 10	30	< 10	10	2	
390547	1.48	0.043	0.156	0.06	4	4	295	< 0.01	< 20	< 1	< 2	< 10	32	< 10	11	2	
390548	1.54	0.037	0.174	0.04	3	4	207	< 0.01	< 20	3	< 2	< 10	32	< 10	13	2	
390549	1.41	0.040	0.203	0.09	4	4	184	0.01	< 20	< 1	< 2	< 10	41	< 10	15	2	
390550	1.57	0.049	0.184	0.03	3	4	213	< 0.01	< 20	< 1	< 2	< 10	55	< 10	14	2	
390551	1.60	0.044	0.255	0.04	5	5	249	< 0.01	< 20	< 1	< 2	< 10	61	< 10	18	2	
390552	1.57	0.046	0.227	0.04	4	5	250	< 0.01	< 20	1	< 2	< 10	59	< 10	16	2	
390553	1.57	0.058	0.241	0.06	4	5	206	< 0.01	< 20	< 1	< 2	< 10	63	< 10	16	2	
390554	1.71	0.049	0.240	0.03	5	6	198	< 0.01	< 20	< 1	< 2	< 10	80	< 10	16	2	
390555	1.24	0.046	0.253	0.04	5	6	223	0.01	< 20	2	< 2	< 10	83	< 10	17	2	
390556	0.95	0.043	0.258	0.06	4	5	218	0.01	< 20	3	< 2	< 10	63	< 10	18	2	
390557	0.92	0.048	0.245	0.06	5	5	253	0.01	< 20	6	< 2	< 10	65	< 10	19	2	

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		0.3	< 0.5	66	987	< 1	23	99	127	6.05	219	< 10	785	0.8	< 2	0.15	13	75	5.03	10	< 1	1.04	11
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		0.3	< 0.5	68	1010	< 1	24	102	132	6.29	222	< 10	931	0.8	< 2	0.18	13	77	5.29	20	< 1	1.09	12
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		0.3	< 0.5	69	1030	< 1	24	107	136	6.31	220	< 10	836	0.8	< 2	0.16	14	79	5.35	20	< 1	1.08	12
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 98 (Aqua Regia) Meas		34.6		> 10000				257	1120						49		94						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		110						
OREAS 98 (Aqua Regia) Meas		35.4		> 10000				264	1140						32		95						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		110						
OREAS 98 (Aqua Regia) Meas		35.3		> 10000				265	1160						56		95						
OREAS 98 (Aqua Regia) Cert		42.8		147000				343	1300						93		110						
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2240	753	< 1	35	66	269	2.58	5		89	0.7	7	0.44	19	44	4.94	< 10		0.46	38
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		2.2	< 0.5	2300	774	< 1	37	64	283	2.64	5		91	0.7	11	0.46	20	48	5.06	< 10		0.47	38
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	< 0.5	2260	747	< 1	36	66	279	2.63	7		90	0.7	5	0.45	20	46	5.04	< 10		0.47	38
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	4300	835	< 1	32	87	355	2.54	5		69	0.6	13	0.44	22	41	5.61	< 10		0.39	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4420	852	< 1	35	94	358	2.61	6		74	0.6	20	0.45	22	41	5.75	< 10		0.40	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
OREAS 923 (AQUA REGIA) Meas		1.7	< 0.5	4430	858	< 1	32	89	361	2.65	6		74	0.6	21	0.46	22	42	5.87	< 10		0.41	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
Oreas 96 (Aqua Regia) Meas		10.3		> 10000				90	418						10		44						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua		10.5		> 10000				92	429						19		45						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Meas																							
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		10.7		> 10000				93	430						18		45						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 621 (Aqua Regia) Meas		73.3	295	3730	532	13	25	> 5000	> 10000	1.65	76			0.5	< 2	1.83	31	31	3.42	< 10	4	0.37	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		73.1	296	3720	531	13	25	> 5000	> 10000	1.62	80			0.5	< 2	1.82	31	32	3.39	< 10	4	0.36	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		72.9	300	3740	527	13	26	> 5000	> 10000	1.64	79			0.5	3	1.81	31	33	3.40	< 10	4	0.37	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 (Fire Assay) Cert																							
OREAS 45f (Aqua Regia) Meas				326	163	< 1	222	10	27	6.21			151	0.9	< 2	0.08	38	330	12.5	20	< 1	0.10	12
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 45f (Aqua Regia) Meas				337	164	< 1	229	9	29	6.45			157	1.0	< 2	0.08	38	340	12.9	20	1	0.10	12
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 238 (Fire Assay) Meas	3100																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3060																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3050																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3080																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3140																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3030																						
OREAS 238 (Fire	3030																						

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
Assay) Cert																							
OREAS 238 (Fire Assay) Meas	3170																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	520																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	516																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	495																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	512																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	503																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	517																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
390299 Orig	639																						
390299 Dup	620																						
390303 Orig		< 0.2	< 0.5	52	1080	8	30	12	49	1.39	43	14	137	0.7	< 2	1.07	15	45	2.53	< 10	< 1	0.86	26
390303 Dup		< 0.2	< 0.5	52	1090	8	33	12	49	1.40	45	14	141	0.7	< 2	1.08	15	46	2.56	< 10	< 1	0.87	26
390309 Orig	19																						
390309 Dup	20																						
390313 Orig	86																						
390313 Dup	76																						

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
390317 Orig		< 0.2	< 0.5	66	2080	8	224	9	59	1.27	41	< 10	66	0.6	< 2	4.06	32	205	5.59	< 10	< 1	0.65	20
390317 Dup		< 0.2	< 0.5	68	2130	8	232	8	59	1.33	41	10	69	0.6	< 2	4.14	34	213	5.76	< 10	< 1	0.69	20
390330 Orig		< 0.2	< 0.5	26	801	5	38	7	60	1.90	32	16	170	0.8	< 2	0.81	16	66	3.09	< 10	< 1	0.89	23
390330 Dup		< 0.2	< 0.5	25	781	5	36	7	56	1.78	32	15	165	0.8	< 2	0.80	15	62	2.97	< 10	< 1	0.83	23
390334 Orig	302																						
390334 Dup	306																						
390341 Orig	311	0.2	< 0.5	70	695	7	31	6	54	1.69	26	16	123	0.6	< 2	1.13	14	48	2.71	< 10	< 1	0.81	26
390341 Split PREP DUP	339	0.3	< 0.5	64	696	7	32	6	54	1.75	28	18	130	0.7	< 2	1.15	14	49	2.69	< 10	< 1	0.84	26
390343 Orig	1630	0.4	< 0.5	17	1050	7	31	4	56	1.99	13	18	167	0.7	< 2	1.60	16	52	3.22	< 10	< 1	0.95	25
390343 Dup	1640	0.4	< 0.5	17	1040	7	31	3	55	1.94	11	17	165	0.7	< 2	1.59	16	50	3.17	< 10	< 1	0.92	24
390347 Orig	298																						
390347 Dup	277																						
390366 Orig		< 0.2	< 0.5	40	936	5	46	5	48	1.35	13	18	94	0.7	< 2	0.88	14	57	2.86	< 10	< 1	0.68	29
390366 Dup		< 0.2	< 0.5	41	955	5	44	4	48	1.37	13	18	95	0.7	< 2	0.90	14	58	2.91	< 10	< 1	0.68	30
390368 Orig	48																						
390368 Dup	53																						
390378 Orig	9																						
390378 Dup	9																						
390380 Orig		2.5	0.9	128	560	23	50	878	241	0.68	> 10000	< 10	48	< 0.5	2	2.11	20	31	4.05	< 10	< 1	0.14	< 10
390380 Dup		2.8	0.8	127	558	23	51	886	238	0.68	> 10000	< 10	50	< 0.5	2	2.11	19	31	4.03	< 10	< 1	0.14	< 10
390382 Orig	8																						
390382 Dup	6																						
390390 Orig	19	0.4	< 0.5	84	2130	2	64	11	39	1.34	58	< 10	47	0.6	< 2	3.53	24	46	5.07	< 10	< 1	0.45	17
390390 Split PREP DUP	19	0.4	< 0.5	85	2100	2	62	11	39	1.31	59	< 10	50	0.5	< 2	3.47	24	46	4.93	< 10	< 1	0.44	17
390392 Orig		< 0.2	< 0.5	86	378	3	36	18	41	1.13	96	12	13	0.6	< 2	1.34	28	26	5.11	< 10	< 1	0.68	48
390392 Dup		< 0.2	< 0.5	83	366	2	36	17	41	1.00	91	11	13	0.5	< 2	1.30	28	24	4.91	< 10	< 1	0.60	45
390402 Orig	41																						
390402 Dup	37																						
390406 Orig		< 0.2	< 0.5	82	1210	1	31	7	41	0.96	72	< 10	20	0.5	< 2	3.10	26	32	4.99	< 10	< 1	0.46	37
390406 Dup		< 0.2	< 0.5	82	1220	1	30	6	41	0.96	72	< 10	22	0.5	2	3.12	26	32	5.04	< 10	< 1	0.46	39
390412 Orig	66																						
390412 Dup	64																						
390416 Orig	82																						
390416 Dup	80																						
390422 Orig		< 0.2	< 0.5	160	1180	1	29	5	48	1.13	32	< 10	24	< 0.5	< 2	3.73	24	28	4.61	< 10	< 1	0.45	32
390422 Dup		< 0.2	< 0.5	151	1160	1	28	4	49	1.14	35	< 10	28	< 0.5	< 2	3.59	24	28	4.53	< 10	< 1	0.45	28
390436 Orig		< 0.2	< 0.5	10	254	10	28	10	12	1.09	28	13	36	< 0.5	< 2	0.79	22	21	1.97	< 10	< 1	0.66	36
390436 Dup		< 0.2	< 0.5	9	248	11	29	9	11	1.09	28	14	38	< 0.5	< 2	0.78	22	21	1.92	< 10	< 1	0.66	36
390437 Orig	32																						
390437 Dup	32																						
390439 Orig	31	< 0.2	< 0.5	36	305	19	33	10	14	0.93	36	11	31	0.5	< 2	0.94	24	20	2.27	< 10	< 1	0.58	31
390439 Split PREP DUP	28	< 0.2	< 0.5	39	311	17	33	9	14	0.83	37	10	34	< 0.5	< 2	0.99	24	17	2.19	< 10	< 1	0.52	31
390446 Orig	31																						
390446 Dup	32																						
390448 Orig		< 0.2	< 0.5	68	1250	2	22	5	69	1.20	35	< 10	52	< 0.5	< 2	3.27	21	23	4.52	< 10	< 1	0.25	29
390448 Dup		< 0.2	< 0.5	67	1260	2	21	5	68	1.18	37	< 10	56	< 0.5	< 2	3.30	22	23	4.58	< 10	< 1	0.23	28
390450 Orig	20																						
390450 Dup	22																						
390462 Orig		< 0.2	< 0.5	49	1100	8	21	8	44	0.82	2	13	129	< 0.5	< 2	2.15	16	27	3.11	< 10	< 1	0.49	39

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
390462 Dup		< 0.2	< 0.5	50	1110	8	22	7	43	0.82	3	13	112	< 0.5	< 2	2.18	17	27	3.18	< 10	< 1	0.48	38
390471 Orig	52																						
390471 Dup	56																						
390481 Orig	42																						
390481 Dup	39																						
390485 Orig		< 0.2	< 0.5	155	964	4	21	3	69	2.12	6	< 10	209	0.5	< 2	1.72	24	26	4.75	< 10	< 1	0.52	53
390485 Dup		< 0.2	< 0.5	147	947	4	21	4	69	2.06	7	< 10	204	0.5	< 2	1.69	23	26	4.61	< 10	< 1	0.52	52
390489 Orig	77																						
390489 Dup	83																						
390490 Orig	36	< 0.2	< 0.5	47	1330	3	33	3	59	1.55	6	< 10	455	0.6	< 2	3.42	21	52	5.01	< 10	< 1	0.52	54
390490 Split PREP DUP	34	< 0.2	< 0.5	51	1350	3	36	3	60	1.52	7	< 10	448	0.5	< 2	3.49	22	55	5.17	< 10	< 1	0.49	56
390498 Orig		< 0.2	< 0.5	122	1160	2	22	3	38	0.79	2	< 10	127	< 0.5	< 2	2.97	18	16	4.14	< 10	< 1	0.45	47
390498 Dup		< 0.2	< 0.5	119	1150	2	21	3	38	0.82	5	< 10	129	< 0.5	< 2	2.95	18	17	4.12	< 10	< 1	0.47	47
390505 Orig	141																						
390505 Dup	148																						
390511 Orig		< 0.2	< 0.5	95	1260	4	25	5	50	0.95	10	< 10	111	< 0.5	< 2	2.43	21	24	4.17	< 10	< 1	0.48	43
390511 Dup		< 0.2	< 0.5	95	1250	4	24	6	49	0.88	10	< 10	112	< 0.5	< 2	2.40	21	23	4.13	< 10	< 1	0.44	43
390515 Orig	87																						
390515 Dup	85																						
390519 Orig	61																						
390519 Dup	49																						
390525 Orig		< 0.2	< 0.5	107	1360	3	13	3	45	0.83	2	< 10	458	< 0.5	< 2	2.28	14	11	4.21	< 10	< 1	0.49	51
390525 Dup		< 0.2	< 0.5	157	1370	3	15	4	46	0.83	3	< 10	452	< 0.5	< 2	2.30	15	11	4.24	< 10	< 1	0.50	51
390541 Orig	107	< 0.2	< 0.5	103	875	2	9	7	55	1.30	6	< 10	154	0.7	< 2	1.75	14	6	4.25	< 10	< 1	0.68	78
390541 Split PREP DUP	103	< 0.2	< 0.5	98	879	2	8	8	53	1.25	7	< 10	147	0.6	< 2	1.75	14	6	4.19	< 10	< 1	0.66	78
390542 Orig		0.5	< 0.5	300	964	8	4	41	49	1.08	5	11	142	0.7	< 2	1.49	18	4	3.76	< 10	< 1	0.73	79
390542 Dup		0.9	< 0.5	508	1580	13	13	66	79	1.81	10	18	238	1.2	< 2	2.44	29	7	6.37	< 10	< 1	1.21	131
390549 Orig	338																						
390549 Dup	343																						
390553 Orig	338																						
390553 Dup	314																						
390554 Orig		0.2	< 0.5	81	1610	1	13	19	111	1.23	5	< 10	84	0.6	< 2	3.22	21	12	6.16	< 10	< 1	0.39	71
390554 Dup		0.3	< 0.5	81	1610	1	12	19	111	1.24	5	< 10	86	0.6	< 2	3.23	21	12	6.20	< 10	< 1	0.40	72
390555 Orig	692																						
390555 Dup	695																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
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	0.03
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	0.37	0.065	0.032	0.01	2	22	31		< 20	< 1	< 2	< 10	153	< 10	6	7	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.39	0.077	0.034	0.01	3	23	35		< 20	< 1	< 2	< 10	160	< 10	6	10	
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	0.39	0.071	0.034	0.01	4	24	33		< 20	2	< 2	< 10	158	< 10	7	7	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 98 (Aqua Regia) Meas					15												
OREAS 98 (Aqua Regia) Cert					15												
OREAS 98 (Aqua Regia) Meas					17												
OREAS 98 (Aqua Regia) Cert					15												
OREAS 98 (Aqua Regia) Meas					17												
OREAS 98 (Aqua Regia) Cert					15												
OREAS 922 (AQUA REGIA) Meas	1.34	0.024	0.061	0.38	2	4	16		< 20		< 2	< 10	32	< 10	19	19	
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	1.37	0.024	0.064	0.39	2	4	16		< 20		< 2	< 10	35	< 10	20	23	
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	1.36	0.026	0.062	0.38	3	4	16		< 20		< 2	< 10	35	< 10	20	16	
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		0.058	0.67	< 2	3	14		< 20		< 2	< 10	32	< 10	18	25	
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	1.45		0.060	0.69	3	4	14		< 20		< 2	< 10	34	< 10	18	27	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	1.47		0.061	0.70	3	4	15		< 20		< 2	< 10	34	< 10	19	27	
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				3.43	6												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												

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	0.03
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 96 (Aqua Regia) Meas				3.66	7												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.64	6												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.45	0.172	0.032	4.88	99	2	18		< 20		< 2	< 10	13	< 10	7	47	
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	0.45	0.173	0.034	4.89	105	2	18		< 20		< 2	< 10	12	< 10	7	63	
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	0.45	0.176	0.033	4.91	99	2	18		< 20		< 2	< 10	13	< 10	7	54	
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																	11.9
OREAS 229b (Fire Assay) Cert																	11.9
OREAS 45f (Aqua Regia) Meas	0.17	0.036	0.020	0.02		29	15	0.14	< 20		< 2	< 10	187		6	20	
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.17	0.038	0.020	0.02		30	15	0.13	< 20		< 2	< 10	191		6	17	
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
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OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	

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	0.03
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 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
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Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
OREAS 297 (Fire Assay) Meas																	18.3
OREAS 297 (Fire Assay) Cert																	17.8
390299 Orig																	
390299 Dup																	
390303 Orig	0.75	0.087	0.090	0.52	7	4	275	< 0.01	< 20	< 1	< 2	< 10	30	< 10	7	3	
390303 Dup	0.76	0.087	0.090	0.53	7	5	281	< 0.01	< 20	1	< 2	< 10	30	< 10	7	3	
390309 Orig																	
390309 Dup																	
390313 Orig																	

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	0.03
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
390313 Dup																	
390317 Orig	3.19	0.032	0.086	0.54	7	10	777	< 0.01	< 20	< 1	< 2	< 10	36	< 10	7	4	
390317 Dup	3.28	0.034	0.089	0.56	7	11	806	< 0.01	< 20	< 1	< 2	< 10	37	< 10	7	4	
390330 Orig	1.18	0.094	0.095	0.49	6	5	159	0.01	< 20	1	< 2	< 10	41	< 10	7	5	
390330 Dup	1.14	0.089	0.093	0.47	6	4	156	0.01	< 20	< 1	< 2	< 10	39	< 10	7	7	
390334 Orig																	
390334 Dup																	
390341 Orig	1.04	0.066	0.099	0.56	7	4	159	0.01	< 20	1	< 2	< 10	34	< 10	7	4	
390341 Split PREP DUP	1.05	0.069	0.100	0.57	8	4	166	0.01	< 20	2	< 2	< 10	35	< 10	7	5	
390343 Orig	1.33	0.087	0.106	0.37	4	5	185	0.01	< 20	< 1	< 2	< 10	42	< 10	7	4	
390343 Dup	1.31	0.086	0.105	0.37	5	5	183	0.01	< 20	< 1	< 2	< 10	41	< 10	7	3	
390347 Orig																	
390347 Dup																	
390366 Orig	0.69	0.063	0.103	0.09	5	4	57	< 0.01	< 20	3	< 2	< 10	33	< 10	7	2	
390366 Dup	0.70	0.064	0.105	0.09	5	4	58	< 0.01	< 20	< 1	< 2	< 10	33	< 10	7	2	
390368 Orig																	
390368 Dup																	
390378 Orig																	
390378 Dup																	
390380 Orig	0.71	0.038	0.032	1.03	4	3	46	0.03	< 20	< 1	< 2	< 10	26	< 10	4	10	
390380 Dup	0.70	0.040	0.032	1.02	4	3	46	0.03	< 20	< 1	< 2	< 10	26	< 10	4	10	
390382 Orig																	
390382 Dup																	
390390 Orig	1.62	0.039	0.080	1.82	9	5	59	< 0.01	< 20	< 1	< 2	< 10	20	< 10	8	4	
390390 Split PREP DUP	1.58	0.038	0.081	1.77	8	5	58	< 0.01	< 20	2	< 2	< 10	20	< 10	8	6	
390392 Orig	0.59	0.046	0.224	5.59	5	5	158	< 0.01	< 20	5	< 2	< 10	47	< 10	12	5	
390392 Dup	0.56	0.042	0.217	5.43	5	5	149	< 0.01	< 20	< 1	< 2	< 10	42	< 10	12	6	
390402 Orig																	
390402 Dup																	
390406 Orig	1.24	0.055	0.220	3.79	4	6	229	< 0.01	< 20	4	< 2	< 10	39	< 10	11	5	
390406 Dup	1.25	0.055	0.221	3.85	3	6	233	< 0.01	< 20	3	< 2	< 10	40	< 10	11	5	
390412 Orig																	
390412 Dup																	
390416 Orig																	
390416 Dup																	
390422 Orig	1.94	0.050	0.172	2.92	3	9	430	< 0.01	< 20	< 1	< 2	< 10	52	< 10	10	3	
390422 Dup	1.90	0.050	0.168	2.81	4	8	412	< 0.01	< 20	6	< 2	< 10	52	< 10	10	4	
390436 Orig	0.24	0.077	0.139	1.71	3	2	61	< 0.01	< 20	< 1	< 2	< 10	17	< 10	6	3	
390436 Dup	0.24	0.076	0.137	1.69	2	2	60	< 0.01	< 20	2	< 2	< 10	18	< 10	6	3	
390437 Orig																	
390437 Dup																	
390439 Orig	0.29	0.049	0.122	2.06	4	2	81	< 0.01	< 20	2	< 2	< 10	15	< 10	5	4	
390439 Split PREP DUP	0.30	0.041	0.123	2.10	4	2	85	< 0.01	< 20	< 1	< 2	< 10	14	< 10	5	3	
390446 Orig																	
390446 Dup																	
390448 Orig	1.78	0.068	0.159	1.18	4	7	290	< 0.01	< 20	1	< 2	< 10	63	< 10	8	3	
390448 Dup	1.82	0.067	0.162	1.19	4	7	296	< 0.01	< 20	2	< 2	< 10	61	< 10	8	5	
390450 Orig																	

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	0.03
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
390450 Dup																	
390462 Orig	0.82	0.074	0.117	0.69	2	3	202	< 0.01	< 20	2	< 2	< 10	26	< 10	8	3	
390462 Dup	0.83	0.076	0.119	0.70	3	3	204	< 0.01	< 20	< 1	< 2	< 10	26	< 10	8	2	
390471 Orig																	
390471 Dup																	
390481 Orig																	
390481 Dup																	
390485 Orig	2.14	0.066	0.168	0.14	4	7	207	0.01	< 20	3	< 2	< 10	96	< 10	12	4	
390485 Dup	2.09	0.065	0.165	0.14	3	6	204	0.01	< 20	5	< 2	< 10	94	< 10	12	4	
390489 Orig																	
390489 Dup																	
390490 Orig	2.00	0.066	0.186	0.03	7	8	414	0.01	< 20	< 1	< 2	< 10	78	< 10	11	3	
390490 Split PREP DUP	2.05	0.065	0.191	0.03	4	8	399	0.01	< 20	< 1	< 2	< 10	78	< 10	12	3	
390498 Orig	1.72	0.043	0.158	0.11	3	6	228	< 0.01	< 20	< 1	< 2	< 10	30	< 10	9	3	
390498 Dup	1.71	0.045	0.157	0.11	2	6	224	< 0.01	< 20	< 1	< 2	< 10	31	< 10	9	3	
390505 Orig																	
390505 Dup																	
390511 Orig	1.26	0.074	0.143	0.95	4	7	315	< 0.01	< 20	< 1	< 2	< 10	51	< 10	10	5	
390511 Dup	1.25	0.071	0.142	0.94	3	7	310	< 0.01	< 20	1	< 2	< 10	48	< 10	10	7	
390515 Orig																	
390515 Dup																	
390519 Orig																	
390519 Dup																	
390525 Orig	1.56	0.056	0.168	0.03	3	6	231	< 0.01	< 20	< 1	< 2	< 10	40	< 10	10	3	
390525 Dup	1.55	0.057	0.170	0.03	3	6	233	< 0.01	< 20	2	< 2	< 10	40	< 10	11	3	
390541 Orig	0.65	0.034	0.283	0.04	5	4	149	< 0.01	< 20	1	< 2	< 10	53	< 10	17	1	
390541 Split PREP DUP	0.64	0.033	0.285	0.04	5	4	147	< 0.01	< 20	< 1	< 2	< 10	51	< 10	17	2	
390542 Orig	0.55	0.036	0.257	0.06	4	4	122	< 0.01	< 20	< 1	< 2	< 10	36	< 10	18	1	
390542 Dup	0.94	0.063	0.433	0.10	6	7	207	< 0.01	< 20	2	< 2	< 10	58	< 10	31	2	
390549 Orig																	
390549 Dup																	
390553 Orig																	
390553 Dup																	
390554 Orig	1.71	0.048	0.240	0.03	5	6	197	< 0.01	< 20	3	< 2	< 10	80	< 10	16	2	
390554 Dup	1.71	0.049	0.241	0.03	4	6	198	< 0.01	< 20	< 1	< 2	< 10	81	< 10	16	2	
390555 Orig																	
390555 Dup																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
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Method Blank																	
Method Blank																	
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	0.03
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
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	< 0.03

Quality Analysis ... *Innovative Technologies*

Report No.:	**A21-04345**
Report Date:	**03-May-21**
Date Submitted:	**15-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

350 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-03-30 21:58:56
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-04-08 19:25:12

REPORT **A21-04345**

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.

Footnote: Sample 390580 was insufficient for further analysis

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390558	10	< 0.2	< 0.5	22	2270	< 1	8	12	123	1.87	77	< 10	58	< 0.5	< 2	2.76	15	7	4.53	10	< 1	0.20	100
390559	26	0.4	< 0.5	43	2000	1	11	19	135	2.06	75	< 10	43	0.6	< 2	2.64	19	12	5.04	10	< 1	0.26	82
390560	< 5	< 0.2	< 0.5	3	35	< 1	< 1	< 2	6	0.06	< 2	< 10	24	< 0.5	< 2	0.02	< 1	4	0.29	< 10	< 1	0.01	< 10
390561	18	0.3	0.7	40	1750	1	66	24	99	1.78	235	< 10	30	< 0.5	< 2	2.82	21	107	4.87	< 10	< 1	0.11	24
390562	8	< 0.2	< 0.5	49	1750	< 1	116	13	77	2.30	34	< 10	50	< 0.5	< 2	3.60	28	240	5.41	10	< 1	0.04	37
390563	18	< 0.2	< 0.5	21	1290	< 1	82	10	65	1.35	19	< 10	26	< 0.5	< 2	2.29	17	72	3.91	< 10	< 1	0.22	19
390564	11	< 0.2	< 0.5	38	1060	< 1	84	9	62	1.03	11	< 10	23	< 0.5	< 2	2.45	19	53	3.70	< 10	< 1	0.17	17
390565	17	< 0.2	< 0.5	23	1050	< 1	81	8	64	1.10	9	< 10	29	< 0.5	< 2	2.41	19	56	3.57	< 10	< 1	0.33	20
390566	16	< 0.2	< 0.5	36	1190	< 1	84	6	65	1.15	15	< 10	41	< 0.5	< 2	3.28	16	54	3.36	< 10	< 1	0.32	18
390567	26	< 0.2	< 0.5	21	1020	< 1	93	8	59	1.34	18	< 10	39	< 0.5	< 2	3.15	19	69	3.64	< 10	< 1	0.33	18
390568	37	< 0.2	< 0.5	16	1200	< 1	82	9	47	1.08	10	< 10	30	< 0.5	< 2	2.69	19	51	3.54	< 10	< 1	0.31	15
390569	144	< 0.2	< 0.5	25	1160	< 1	86	7	55	1.03	11	< 10	30	< 0.5	< 2	2.73	18	52	3.37	< 10	< 1	0.22	17
390570	43	< 0.2	< 0.5	21	692	< 1	89	10	47	0.86	10	< 10	24	< 0.5	< 2	2.24	20	40	3.46	< 10	< 1	0.32	19
390571	236	< 0.2	< 0.5	55	764	< 1	69	8	43	0.62	11	< 10	32	< 0.5	< 2	3.20	18	23	3.34	< 10	< 1	0.35	17
390572	146	< 0.2	< 0.5	25	826	< 1	69	8	45	0.42	12	< 10	32	< 0.5	< 2	3.64	17	20	3.27	< 10	< 1	0.25	15
390573	33	< 0.2	< 0.5	27	814	< 1	61	11	45	0.46	15	< 10	37	< 0.5	< 2	3.57	18	21	3.27	< 10	< 1	0.28	17
390574	27	< 0.2	< 0.5	25	852	< 1	64	15	47	0.45	12	< 10	36	< 0.5	< 2	3.60	18	23	3.35	< 10	< 1	0.27	15
390575	67	0.3	< 0.5	33	877	4	75	18	54	0.43	22	< 10	36	< 0.5	< 2	3.43	19	27	3.38	< 10	< 1	0.25	14
390576	181	0.3	< 0.5	26	871	< 1	63	24	36	0.47	17	< 10	31	< 0.5	< 2	2.98	19	25	3.34	< 10	< 1	0.28	16
390577	182	0.5	< 0.5	66	1100	2	87	33	63	0.59	29	< 10	22	< 0.5	< 2	2.69	21	23	4.29	< 10	< 1	0.27	14
390578	50	< 0.2	< 0.5	28	958	1	85	12	47	0.55	16	< 10	28	< 0.5	< 2	2.72	22	30	3.38	< 10	< 1	0.26	14
390579	76	0.4	< 0.5	56	881	< 1	89	16	34	0.47	19	< 10	24	< 0.5	< 2	2.84	26	31	3.87	< 10	< 1	0.27	11
390580	> 5000	2.7	0.6	122	546	20	49	802	215	0.70	> 10000	< 10	40	< 0.5	3	1.96	19	30	4.05	< 10	< 1	0.13	< 10
390581	68	1.1	< 0.5	16	2340	< 1	60	15	24	0.45	144	< 10	31	< 0.5	< 2	4.74	20	22	4.66	< 10	< 1	0.22	< 10
390582	90	0.5	< 0.5	27	911	< 1	68	11	33	0.50	16	< 10	25	< 0.5	< 2	2.69	22	22	3.51	< 10	< 1	0.28	18
390583	39	< 0.2	< 0.5	21	828	< 1	54	7	44	0.46	8	< 10	35	< 0.5	< 2	2.90	15	18	3.03	< 10	< 1	0.22	20
390584	55	< 0.2	< 0.5	17	920	< 1	63	13	47	0.50	18	< 10	33	< 0.5	< 2	3.30	16	20	3.34	< 10	< 1	0.22	19
390585	53	< 0.2	< 0.5	23	778	< 1	57	7	40	0.47	12	< 10	32	< 0.5	< 2	3.19	16	17	3.10	< 10	< 1	0.23	19
390586	678	0.4	< 0.5	18	847	< 1	50	17	41	0.37	15	< 10	34	< 0.5	< 2	3.48	14	15	3.17	< 10	< 1	0.20	18
390587	1240	2.8	< 0.5	22	728	< 1	49	23	38	0.47	21	< 10	35	< 0.5	< 2	3.46	13	16	3.03	< 10	< 1	0.26	21
390588	45	0.2	< 0.5	20	580	< 1	55	13	35	0.57	15	< 10	20	< 0.5	< 2	2.29	20	21	3.36	< 10	< 1	0.33	14
390589	39	0.2	< 0.5	19	770	< 1	49	9	34	0.58	15	< 10	43	< 0.5	< 2	3.09	18	16	2.82	< 10	< 1	0.33	14
390590	17	< 0.2	< 0.5	17	1050	< 1	55	9	52	0.64	28	< 10	41	< 0.5	< 2	3.63	16	16	3.43	< 10	< 1	0.27	15
390591	18	< 0.2	< 0.5	40	1100	< 1	59	11	57	0.76	32	< 10	37	< 0.5	< 2	3.41	14	21	3.10	< 10	< 1	0.28	16
390592	48	< 0.2	< 0.5	26	775	< 1	56	7	46	0.69	22	< 10	38	< 0.5	< 2	2.83	16	21	2.78	< 10	< 1	0.32	19
390593	174	< 0.2	< 0.5	18	636	< 1	58	9	36	0.64	30	< 10	26	< 0.5	< 2	2.11	19	21	2.92	< 10	< 1	0.31	21
390594	190	< 0.2	< 0.5	25	670	< 1	56	13	38	0.60	24	< 10	25	< 0.5	< 2	2.45	18	19	3.07	< 10	< 1	0.29	19
390595	110	< 0.2	< 0.5	13	585	< 1	53	14	43	0.61	19	< 10	28	< 0.5	< 2	2.21	18	19	3.04	< 10	< 1	0.29	19
390596	270	< 0.2	< 0.5	16	798	3	58	9	30	0.40	31	< 10	31	< 0.5	< 2	3.07	14	16	3.01	< 10	< 1	0.20	19
390597	599	0.7	< 0.5	19	925	13	60	19	19	0.43	25	< 10	26	< 0.5	< 2	3.34	16	17	3.63	< 10	< 1	0.25	17
390598	244	0.5	< 0.5	23	858	17	47	32	20	0.47	27	< 10	25	< 0.5	< 2	3.32	13	13	3.33	< 10	< 1	0.27	16
390599	162	0.5	< 0.5	25	841	13	52	14	24	0.49	24	< 10	24	< 0.5	< 2	2.89	16	14	3.47	< 10	< 1	0.28	14
390600	< 5	< 0.2	< 0.5	2	34	< 1	< 1	< 2	4	0.07	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	4	0.33	< 10	< 1	0.01	< 10
390601	26	0.2	< 0.5	24	808	< 1	46	7	37	0.50	9	< 10	36	< 0.5	< 2	3.36	15	16	2.98	< 10	< 1	0.31	17
390602	29	< 0.2	< 0.5	33	758	< 1	51	7	40	0.50	12	< 10	29	< 0.5	< 2	3.22	15	15	3.10	< 10	< 1	0.31	18
390603	56	< 0.2	< 0.5	25	804	< 1	52	8	44	0.47	13	< 10	35	< 0.5	< 2	3.42	14	15	3.10	< 10	< 1	0.29	17
390604	72	0.3	< 0.5	18	767	< 1	52	9	44	0.51	13	< 10	31	< 0.5	< 2	3.17	14	15	2.99	< 10	< 1	0.32	16
390605	182	0.8	< 0.5	28	577	2	56	15	32	0.48	12	< 10	24	< 0.5	< 2	2.30	17	17	2.91	< 10	< 1	0.28	18
390606	88	0.5	< 0.5	29	785	< 1	47	9	41	0.52	13	< 10	28	< 0.5	< 2	3.13	15	15	2.89	< 10	< 1	0.31	16
390607	25	0.2	< 0.5	13	668	3	48	9	29	0.54	25	< 10	25	< 0.5	< 2	2.46	16	15	3.01	< 10	< 1	0.31	17
390608	19	< 0.2	< 0.5	10	665	< 1	51	12	28	0.53	35	< 10	22	< 0.5	< 2	2.50	15	16	3.04	< 10	< 1	0.30	14

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
390609	18	0.2	< 0.5	69	771	< 1	55	14	35	0.43	24	< 10	22	< 0.5	< 2	2.87	18	16	3.34	< 10	< 1	0.25	14
390610	23	0.2	< 0.5	11	477	< 1	48	18	22	0.50	52	16	18	< 0.5	< 2	1.96	16	17	3.25	< 10	< 1	0.28	14
390611	19	0.2	< 0.5	20	585	< 1	60	20	38	0.63	46	< 10	18	< 0.5	< 2	2.09	19	19	3.38	< 10	< 1	0.37	14
390612	9	< 0.2	< 0.5	46	754	< 1	63	18	53	0.55	16	< 10	24	< 0.5	< 2	2.96	18	18	3.50	< 10	< 1	0.31	16
390613	13	< 0.2	< 0.5	21	843	< 1	49	10	44	0.46	21	< 10	29	< 0.5	< 2	3.21	15	18	3.22	< 10	< 1	0.27	15
390614	15	< 0.2	< 0.5	34	866	1	62	8	56	0.49	25	< 10	22	< 0.5	< 2	2.95	19	17	3.81	< 10	< 1	0.27	19
390615	18	< 0.2	< 0.5	39	920	< 1	56	10	64	0.87	12	< 10	22	< 0.5	< 2	3.24	16	25	3.59	< 10	< 1	0.39	29
390616	10	< 0.2	< 0.5	21	751	< 1	68	11	54	0.72	8	< 10	23	< 0.5	< 2	2.85	16	31	3.41	< 10	< 1	0.29	19
390617	14	< 0.2	< 0.5	21	633	< 1	70	11	53	0.71	7	< 10	22	< 0.5	< 2	2.63	17	32	3.31	< 10	< 1	0.28	20
390618	15	< 0.2	< 0.5	22	613	< 1	61	7	54	0.66	8	< 10	19	< 0.5	< 2	2.82	15	28	3.02	< 10	< 1	0.26	21
390619	35	< 0.2	< 0.5	43	676	1	70	12	59	0.81	20	< 10	17	< 0.5	< 2	2.82	19	36	3.57	< 10	< 1	0.33	23
390620	4020	0.7	0.6	382	723	377	29	44	138	1.58	21	10	74	< 0.5	< 2	1.30	9	42	3.51	< 10	< 1	0.26	10
390621	22	< 0.2	< 0.5	78	980	< 1	23	7	92	1.09	33	< 10	19	< 0.5	< 2	3.52	18	18	4.35	< 10	< 1	0.31	57
390622	37	< 0.2	< 0.5	57	1020	< 1	34	13	72	0.81	22	< 10	17	< 0.5	< 2	4.06	17	17	3.91	< 10	< 1	0.33	42
390623	7	< 0.2	< 0.5	19	870	< 1	56	9	60	0.61	7	< 10	41	< 0.5	< 2	3.96	12	23	3.21	< 10	< 1	0.27	21
390624	14	< 0.2	< 0.5	35	599	< 1	50	17	41	0.58	11	< 10	27	< 0.5	< 2	2.77	16	18	3.04	< 10	< 1	0.30	24
390625	7	< 0.2	< 0.5	25	820	< 1	69	7	62	0.80	7	< 10	18	< 0.5	< 2	3.14	15	37	3.32	< 10	< 1	0.24	18
390626	9	< 0.2	< 0.5	38	698	< 1	77	11	69	0.96	8	< 10	24	< 0.5	< 2	2.67	16	35	3.17	< 10	< 1	0.32	20
390627	11	< 0.2	< 0.5	17	278	< 1	70	17	23	0.62	30	11	16	< 0.5	< 2	1.58	19	16	3.48	< 10	< 1	0.35	18
390628	12	< 0.2	< 0.5	17	129	1	78	17	9	0.70	56	16	14	0.6	< 2	0.81	20	17	3.68	< 10	< 1	0.41	20
390629	14	< 0.2	< 0.5	17	281	3	72	21	12	0.56	39	11	< 10	< 0.5	< 2	1.42	19	14	3.44	< 10	< 1	0.32	17
390630	11	< 0.2	< 0.5	15	252	2	72	12	15	0.65	34	12	< 10	< 0.5	< 2	1.46	19	16	3.32	< 10	< 1	0.37	19
390631	13	< 0.2	< 0.5	23	408	1	70	12	31	0.72	21	< 10	< 10	< 0.5	< 2	2.23	17	20	3.20	< 10	< 1	0.35	17
390632	17	< 0.2	< 0.5	27	824	2	44	15	60	1.04	31	< 10	23	< 0.5	< 2	3.09	19	21	4.10	< 10	< 1	0.31	28
390633	12	< 0.2	< 0.5	38	1140	< 1	20	9	95	1.56	10	< 10	53	< 0.5	< 2	4.51	20	22	5.00	< 10	< 1	0.33	36
390634	17	< 0.2	< 0.5	52	824	3	20	14	55	0.78	10	12	15	0.6	< 2	3.27	18	8	4.42	< 10	< 1	0.41	30
390635	13	< 0.2	< 0.5	68	920	1	19	10	69	0.71	5	< 10	18	< 0.5	< 2	3.42	18	12	4.27	< 10	< 1	0.31	33
390636	8	< 0.2	< 0.5	73	945	1	21	8	85	0.89	4	< 10	21	< 0.5	< 2	3.38	17	16	4.24	< 10	< 1	0.29	37
390637	12	< 0.2	< 0.5	64	1010	1	18	10	64	0.65	6	< 10	24	< 0.5	< 2	3.84	16	11	4.27	< 10	< 1	0.31	30
390638	13	< 0.2	< 0.5	69	1030	< 1	21	8	100	1.09	11	< 10	27	< 0.5	< 2	3.58	17	18	4.08	< 10	< 1	0.38	36
390639	9	< 0.2	< 0.5	61	995	< 1	17	10	92	0.78	7	< 10	20	< 0.5	< 2	3.46	17	13	4.45	< 10	< 1	0.29	35
390640	6	< 0.2	< 0.5	3	36	< 1	< 1	< 2	4	0.06	< 2	< 10	15	< 0.5	< 2	0.02	< 1	4	0.29	< 10	< 1	0.01	< 10
390641	18	< 0.2	< 0.5	99	878	1	18	15	48	0.71	10	< 10	15	0.6	< 2	3.13	19	7	4.16	< 10	< 1	0.38	31
390642	17	< 0.2	< 0.5	45	622	3	33	21	30	0.73	20	13	12	0.6	< 2	2.38	20	10	4.32	< 10	< 1	0.40	31
390643	7	< 0.2	< 0.5	15	233	1	48	20	11	0.70	33	20	< 10	0.7	< 2	1.19	17	14	3.30	< 10	< 1	0.39	23
390644	10	< 0.2	< 0.5	19	115	5	58	18	10	0.83	23	23	< 10	0.8	< 2	0.69	17	14	3.39	< 10	< 1	0.46	24
390645	10	< 0.2	< 0.5	24	319	2	59	18	29	0.59	20	13	11	0.6	< 2	1.29	17	11	3.17	< 10	< 1	0.33	21
390646	11	< 0.2	< 0.5	21	525	3	60	20	35	0.62	27	< 10	12	< 0.5	< 2	2.02	19	13	3.45	< 10	< 1	0.35	21
390647	14	< 0.2	< 0.5	48	785	2	42	18	37	0.78	16	11	< 10	0.6	< 2	2.36	19	9	3.85	< 10	< 1	0.45	28
390648	19	< 0.2	< 0.5	65	915	3	21	14	39	0.80	25	11	11	0.7	< 2	2.51	21	6	4.64	< 10	< 1	0.47	33
390649	19	< 0.2	< 0.5	48	489	5	14	13	25	0.80	24	12	< 10	0.9	< 2	1.46	15	3	3.54	< 10	< 1	0.47	36
390650	30	< 0.2	< 0.5	52	711	12	17	20	29	0.73	24	12	11	0.8	< 2	2.29	16	4	3.94	< 10	< 1	0.43	31
390651	13	< 0.2	< 0.5	54	995	1	11	16	93	1.09	12	< 10	24	< 0.5	< 2	3.01	13	9	3.67	< 10	< 1	0.27	36
390652	15	< 0.2	< 0.5	58	923	1	12	23	76	0.99	17	< 10	20	< 0.5	< 2	2.52	14	9	3.65	< 10	< 1	0.24	35
390653	12	< 0.2	< 0.5	57	917	2	12	35	92	1.32	12	< 10	19	< 0.5	< 2	2.27	14	12	3.74	< 10	< 1	0.21	39
390654	12	< 0.2	< 0.5	58	823	1	11	33	87	1.39	12	< 10	14	< 0.5	< 2	2.79	14	13	3.78	< 10	< 1	0.20	33
390655	13	< 0.2	< 0.5	57	799	2	11	43	86	1.38	14	< 10	24	0.5	< 2	2.97	14	12	3.76	< 10	< 1	0.21	33
390656	8	< 0.2	< 0.5	53	750	1	11	28	104	1.42	16	< 10	13	< 0.5	< 2	2.59	14	13	3.58	< 10	< 1	0.23	36
390657	10	< 0.2	< 0.5	77	766	2	12	30	88	1.46	12	< 10	12	< 0.5	< 2	2.57	14	15	3.85	< 10	< 1	0.22	34
390658	10	< 0.2	< 0.5	138	736	2	12	29	82	1.34	12	< 10	10	< 0.5	< 2	2.66	14	13	3.77	< 10	< 1	0.20	31
390659	10	< 0.2	< 0.5	51	688	2	11	43	89	1.33	17	< 10	12	< 0.5	< 2	2.37	14	13	3.79	< 10	< 1	0.21	34

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
390660	1280	1.0	0.7	643	519	29	36	81	104	1.73	21	11	91	< 0.5	< 2	1.26	13	49	3.77	< 10	< 1	0.30	< 10
390661	12	< 0.2	< 0.5	59	609	2	12	61	72	1.18	19	< 10	11	0.5	< 2	2.25	15	12	3.81	< 10	< 1	0.25	32
390662	20	< 0.2	< 0.5	59	675	1	13	40	82	1.42	17	< 10	14	0.6	< 2	2.43	15	11	3.76	< 10	< 1	0.30	37
390663	20	< 0.2	< 0.5	65	774	2	11	12	87	1.56	11	< 10	14	0.6	< 2	2.85	14	11	3.70	< 10	< 1	0.24	35
390664	10	< 0.2	< 0.5	74	803	1	13	6	90	1.61	7	< 10	27	0.5	< 2	3.01	13	12	3.50	< 10	< 1	0.20	42
390665	9	< 0.2	< 0.5	40	793	1	11	6	90	1.67	6	< 10	26	0.6	< 2	3.00	13	12	3.51	< 10	< 1	0.23	40
390666	10	< 0.2	< 0.5	54	793	2	13	10	89	1.65	10	< 10	17	0.5	< 2	2.72	14	17	3.90	< 10	< 1	0.19	40
390667	12	< 0.2	< 0.5	44	778	< 1	12	9	89	1.67	9	< 10	16	< 0.5	< 2	2.48	14	12	3.98	< 10	< 1	0.15	40
390668	10	< 0.2	< 0.5	48	662	4	12	14	85	1.56	12	< 10	13	< 0.5	< 2	2.26	15	13	3.95	< 10	< 1	0.21	30
390669	12	0.2	0.7	99	781	1	17	19	161	1.86	16	< 10	< 10	< 0.5	2	2.44	23	23	5.35	< 10	< 1	0.18	25
390670	8	< 0.2	< 0.5	77	995	< 1	13	14	108	2.28	14	< 10	16	0.5	< 2	3.21	20	20	5.16	10	< 1	0.19	37
390671	7	< 0.2	< 0.5	76	966	< 1	15	14	100	2.17	15	< 10	14	0.5	< 2	3.59	20	19	5.06	< 10	< 1	0.23	41
390672	8	< 0.2	< 0.5	78	1040	< 1	13	12	103	2.13	12	< 10	17	0.6	< 2	3.23	21	18	5.11	< 10	< 1	0.30	45
390673	12	< 0.2	< 0.5	73	1210	1	16	21	76	1.47	19	< 10	15	0.9	< 2	2.45	23	12	4.99	< 10	< 1	0.47	37
390674	12	< 0.2	< 0.5	82	931	< 1	15	15	108	2.32	16	< 10	16	0.6	< 2	3.11	20	19	5.12	< 10	< 1	0.32	48
390675	13	< 0.2	< 0.5	86	1110	< 1	14	12	107	2.06	18	< 10	14	0.7	< 2	2.83	22	18	5.20	< 10	< 1	0.39	48
390676	15	< 0.2	< 0.5	70	903	< 1	15	10	66	1.29	25	< 10	19	0.8	< 2	3.05	22	10	4.24	< 10	< 1	0.56	47
390677	10	< 0.2	< 0.5	66	1180	< 1	17	11	88	1.54	18	< 10	18	0.6	< 2	3.87	20	13	4.62	< 10	< 1	0.43	47
390678	9	< 0.2	< 0.5	88	1090	< 1	15	13	95	1.84	17	< 10	18	0.6	< 2	3.48	21	16	5.01	< 10	< 1	0.38	50
390679	13	< 0.2	< 0.5	53	1210	< 1	15	14	76	1.22	20	< 10	16	0.6	< 2	4.69	18	9	4.38	< 10	< 1	0.46	39
390680	9	< 0.2	< 0.5	2	42	< 1	< 1	< 2	3	0.06	< 2	< 10	12	< 0.5	< 2	0.01	< 1	3	0.35	< 10	< 1	0.01	< 10
390681	14	< 0.2	< 0.5	67	1010	< 1	14	13	75	1.14	17	< 10	19	0.6	< 2	3.58	16	9	3.95	< 10	< 1	0.38	40
390682	11	< 0.2	< 0.5	47	962	< 1	10	8	76	1.33	7	< 10	28	0.7	< 2	3.01	13	9	3.58	< 10	< 1	0.35	47
390683	14	< 0.2	< 0.5	50	940	< 1	10	9	73	1.40	7	< 10	28	0.7	< 2	3.19	13	9	3.54	< 10	< 1	0.34	47
390684	12	< 0.2	< 0.5	52	796	1	12	11	85	1.60	8	< 10	23	0.5	< 2	3.13	14	11	3.97	< 10	< 1	0.18	46
390685	14	< 0.2	< 0.5	49	827	1	11	11	82	1.42	10	< 10	24	0.7	< 2	2.95	14	9	3.61	< 10	< 1	0.32	45
390686	15	< 0.2	< 0.5	53	785	< 1	11	9	87	1.57	10	< 10	26	0.6	< 2	3.01	13	9	3.70	< 10	< 1	0.30	46
390687	11	< 0.2	< 0.5	47	800	< 1	12	8	87	1.52	5	< 10	41	0.6	< 2	3.12	13	10	3.56	< 10	< 1	0.31	48
390688	20	< 0.2	< 0.5	56	941	4	10	15	54	0.92	16	< 10	16	0.8	< 2	3.31	14	5	3.65	< 10	< 1	0.42	35
390689	14	< 0.2	< 0.5	52	741	1	12	10	84	1.48	11	< 10	32	0.7	< 2	2.63	13	9	3.45	< 10	< 1	0.41	48
390690	19	< 0.2	< 0.5	52	980	1	11	13	68	1.05	15	< 10	22	0.7	< 2	3.58	13	6	3.36	< 10	< 1	0.40	39
390691	32	< 0.2	< 0.5	34	1020	< 1	20	12	55	0.87	27	< 10	18	0.6	< 2	3.63	13	14	3.17	< 10	< 1	0.41	31
390692	16	< 0.2	< 0.5	51	912	1	10	15	71	1.13	18	< 10	19	0.6	< 2	2.76	14	9	3.57	< 10	< 1	0.37	44
390693	16	< 0.2	< 0.5	59	775	1	10	18	70	0.99	34	< 10	16	0.7	< 2	2.14	15	7	3.44	< 10	< 1	0.38	40
390694	16	< 0.2	< 0.5	60	934	1	11	18	79	1.14	12	< 10	16	0.6	< 2	2.47	14	9	3.81	< 10	< 1	0.35	43
390695	23	< 0.2	< 0.5	65	939	2	12	18	55	0.85	29	11	14	0.6	< 2	2.86	17	6	3.76	< 10	< 1	0.41	28
390696	24	0.2	< 0.5	49	1530	21	14	21	49	0.78	43	19	14	0.7	< 2	4.14	14	4	5.07	< 10	< 1	0.45	14
390697	30	0.3	< 0.5	88	958	18	22	31	34	0.71	35	12	12	0.6	< 2	2.50	19	10	4.59	< 10	< 1	0.40	27
390698	30	0.3	< 0.5	56	544	12	24	23	24	1.38	57	32	< 10	1.3	< 2	1.88	24	7	5.37	< 10	< 1	0.80	28
390699	31	< 0.2	< 0.5	83	753	12	16	24	24	1.00	31	14	11	0.8	< 2	2.73	19	6	3.64	< 10	< 1	0.59	25
390700	3940	1.0	0.6	404	746	380	28	45	138	1.65	23	11	74	< 0.5	< 2	1.33	10	43	3.70	< 10	< 1	0.27	10
390701	24	0.3	< 0.5	57	576	22	14	25	21	1.02	60	27	10	1.0	< 2	1.75	16	5	4.07	< 10	< 1	0.58	31
390702	18	< 0.2	< 0.5	54	886	3	11	39	50	0.82	31	10	11	0.5	< 2	2.55	15	5	3.88	< 10	< 1	0.42	31
390703	14	< 0.2	< 0.5	65	808	3	11	28	85	1.38	25	11	14	0.7	< 2	2.26	14	9	3.65	< 10	< 1	0.50	40
390704	17	< 0.2	< 0.5	54	864	2	10	22	58	1.05	26	11	13	0.7	< 2	2.71	15	5	3.65	< 10	< 1	0.50	31
390705	12	< 0.2	< 0.5	56	791	< 1	10	12	67	1.43	24	13	17	0.7	< 2	2.34	15	6	3.58	< 10	< 1	0.65	40
390706	10	< 0.2	< 0.5	61	776	< 1	10	27	60	1.02	19	11	15	0.7	< 2	2.24	15	5	3.43	< 10	< 1	0.49	31
390707	14	< 0.2	< 0.5	50	763	2	9	39	47	0.96	33	12	12	0.6	< 2	2.36	15	4	3.63	< 10	< 1	0.53	25
390708	13	< 0.2	< 0.5	53	786	1	11	37	56	0.85	35	< 10	15	0.6	< 2	2.50	15	5	3.72	< 10	< 1	0.44	32
390709	20	< 0.2	< 0.5	66	899	1	10	42	55	0.86	42	10	16	0.6	< 2	3.05	14	4	3.54	< 10	< 1	0.46	31
390710	24	0.3	< 0.5	60	605	11	12	34	41	1.00	53	13	12	0.7	< 2	2.17	16	4	3.66	< 10	< 1	0.57	31

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
390711	16	< 0.2	< 0.5	35	616	1	101	5	91	2.13	9	< 10	50	0.5	< 2	2.58	18	118	3.15	< 10	< 1	0.33	17
390712	70	< 0.2	< 0.5	86	1100	< 1	64	3	139	2.37	10	< 10	100	0.7	< 2	4.02	14	88	4.51	< 10	< 1	0.29	47
390713	557	0.7	< 0.5	114	1030	3	13	12	180	1.65	50	< 10	15	0.7	< 2	3.15	20	12	5.46	< 10	< 1	0.38	67
390714	544	1.7	0.7	464	1340	2	17	27	223	1.20	44	< 10	10	0.7	< 2	2.79	25	12	7.73	< 10	< 1	0.39	54
390715	731	1.9	0.6	112	885	7	30	33	219	1.12	34	< 10	< 10	0.5	< 2	2.60	22	40	6.91	< 10	< 1	0.29	55
390716	184	0.6	< 0.5	40	1060	2	116	10	225	2.07	29	< 10	15	< 0.5	< 2	3.23	25	185	4.50	< 10	< 1	0.28	10
390717	132	0.6	1.0	73	1130	3	105	9	419	2.19	24	< 10	31	< 0.5	< 2	3.47	22	175	4.10	< 10	< 1	0.32	12
390718	357	1.7	0.5	219	1230	4	95	41	173	1.78	44	< 10	16	< 0.5	< 2	3.15	20	166	4.32	< 10	< 1	0.28	12
390719	209	0.6	< 0.5	53	870	5	94	22	150	1.56	30	< 10	30	< 0.5	< 2	3.25	21	148	3.48	< 10	< 1	0.32	12
390720	< 5	< 0.2	< 0.5	2	51	< 1	< 1	< 2	3	0.06	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.44	< 10	< 1	0.01	< 10
390721	28	< 0.2	< 0.5	34	811	3	91	20	110	2.11	20	< 10	25	< 0.5	< 2	3.77	16	137	3.32	< 10	< 1	0.34	13
390722	38	0.8	< 0.5	88	767	2	123	43	165	2.04	37	< 10	13	< 0.5	< 2	3.30	28	152	4.53	< 10	< 1	0.32	11
390723	23	0.3	< 0.5	47	644	< 1	97	6	121	2.25	11	< 10	37	< 0.5	< 2	3.07	20	141	3.64	< 10	< 1	0.27	14
390724	15	< 0.2	< 0.5	31	691	< 1	83	6	93	2.12	7	< 10	60	< 0.5	< 2	3.57	18	117	3.20	< 10	< 1	0.36	15
390725	23	< 0.2	< 0.5	30	728	2	105	5	100	2.16	13	< 10	41	< 0.5	< 2	3.27	19	123	3.78	< 10	< 1	0.23	12
390726	40	0.3	< 0.5	26	868	1	134	9	117	2.70	14	< 10	31	< 0.5	< 2	3.62	28	120	5.98	< 10	2	0.30	< 10
390727	29	< 0.2	< 0.5	46	907	< 1	110	5	122	2.54	10	< 10	40	< 0.5	< 2	3.73	24	125	4.72	< 10	< 1	0.24	10
390728	25	< 0.2	< 0.5	24	830	< 1	107	4	96	2.19	8	< 10	38	< 0.5	< 2	3.38	20	111	4.30	< 10	< 1	0.30	14
390729	39	0.3	< 0.5	40	1010	< 1	105	7	122	1.84	14	< 10	38	< 0.5	< 2	3.45	23	104	4.20	< 10	< 1	0.36	12
390730	186	1.0	< 0.5	67	793	4	63	10	89	1.57	15	< 10	44	< 0.5	< 2	3.73	14	78	3.34	< 10	< 1	0.44	16
390731	277	1.1	< 0.5	32	860	1	88	9	79	1.87	18	< 10	21	< 0.5	< 2	3.67	23	107	4.47	< 10	< 1	0.22	11
390732	133	0.3	< 0.5	57	904	3	82	6	121	2.16	23	< 10	18	< 0.5	< 2	3.85	24	110	4.45	< 10	< 1	0.31	13
390733	179	0.5	< 0.5	38	919	1	48	8	91	1.19	13	< 10	29	< 0.5	< 2	3.41	18	48	3.99	< 10	< 1	0.39	24
390734	133	0.3	< 0.5	99	982	1	21	7	43	0.87	12	12	20	0.6	< 2	3.38	13	17	3.71	< 10	< 1	0.52	40
390735	153	0.2	< 0.5	85	1120	< 1	19	8	49	0.84	14	12	31	0.6	< 2	3.80	13	19	3.71	< 10	< 1	0.49	39
390736	316	0.4	< 0.5	57	1110	1	22	14	43	0.63	24	< 10	24	< 0.5	< 2	3.87	13	17	3.81	< 10	< 1	0.39	32
390737	399	0.6	< 0.5	105	952	< 1	25	9	39	0.99	24	15	25	0.6	< 2	3.12	15	21	3.76	< 10	< 1	0.60	41
390738	381	0.7	< 0.5	167	1110	< 1	23	15	57	0.77	20	12	23	0.5	< 2	3.84	12	20	3.83	< 10	< 1	0.46	37
390739	624	1.4	< 0.5	243	1130	< 1	23	25	69	0.59	30	10	24	< 0.5	< 2	3.43	13	20	4.04	< 10	< 1	0.37	35
390740	> 5000	2.1	0.6	119	509	19	48	739	208	0.64	> 10000	< 10	41	< 0.5	2	1.84	18	29	3.69	< 10	< 1	0.12	< 10
390741	464	1.2	< 0.5	117	1060	1	24	19	39	0.77	29	11	29	< 0.5	< 2	3.10	13	16	3.74	< 10	< 1	0.48	34
390742	494	0.8	< 0.5	107	1170	2	18	10	34	0.78	18	< 10	24	0.5	< 2	3.18	14	20	3.74	< 10	< 1	0.45	36
390743	296	0.6	< 0.5	45	942	6	31	15	39	0.98	32	< 10	23	0.5	< 2	3.34	18	27	4.02	< 10	< 1	0.47	22
390744	451	0.6	< 0.5	107	941	4	67	9	63	1.81	35	< 10	19	0.5	< 2	3.45	25	84	4.49	< 10	< 1	0.51	11
390745	302	0.4	< 0.5	49	996	1	35	10	54	1.93	52	< 10	12	0.7	< 2	4.00	23	48	5.60	< 10	< 1	0.41	31
390746	186	0.4	< 0.5	90	1140	< 1	19	11	51	1.95	78	< 10	11	0.9	< 2	3.77	25	14	6.51	< 10	< 1	0.29	37
390747	187	0.3	< 0.5	126	813	2	44	10	48	1.69	27	< 10	14	0.6	< 2	3.27	20	63	4.80	< 10	< 1	0.35	22
390748	121	< 0.2	< 0.5	40	738	1	50	7	37	1.37	28	< 10	20	< 0.5	< 2	3.25	14	78	3.36	< 10	< 1	0.45	13
390749	80	< 0.2	< 0.5	50	613	5	49	7	38	1.37	36	< 10	23	< 0.5	< 2	2.90	16	89	3.06	< 10	< 1	0.51	16
390750	54	< 0.2	< 0.5	53	902	1	15	5	36	1.24	34	< 10	32	< 0.5	< 2	3.68	17	11	4.03	< 10	< 1	0.53	28
390751	116	0.2	< 0.5	63	703	5	25	10	21	0.72	34	11	15	< 0.5	< 2	2.83	13	22	3.71	< 10	< 1	0.47	16
390752	115	0.2	< 0.5	60	776	< 1	43	9	27	0.74	24	11	23	< 0.5	< 2	2.19	15	39	4.04	< 10	< 1	0.45	16
390753	161	0.3	< 0.5	50	838	3	40	9	29	0.88	34	11	20	< 0.5	< 2	2.60	20	30	4.48	< 10	< 1	0.51	19
390754	79	< 0.2	< 0.5	87	1050	2	22	5	33	1.16	32	11	17	0.5	< 2	3.84	18	19	3.90	< 10	< 1	0.56	30
390755	134	< 0.2	< 0.5	83	798	2	44	6	36	1.39	35	< 10	16	< 0.5	< 2	3.11	20	48	4.16	< 10	< 1	0.49	24
390756	152	0.3	< 0.5	59	846	1	75	6	42	1.50	30	< 10	12	< 0.5	< 2	2.83	24	68	4.65	< 10	< 1	0.38	13
390757	193	0.3	< 0.5	55	727	6	73	6	36	1.38	25	< 10	17	< 0.5	< 2	2.91	22	68	4.02	< 10	< 1	0.45	14
390758	265	0.3	< 0.5	64	851	4	62	5	29	0.93	19	10	23	< 0.5	< 2	2.59	19	40	3.80	< 10	< 1	0.51	17
390759	110	< 0.2	< 0.5	48	763	2	56	5	31	1.10	25	11	26	< 0.5	< 2	2.80	18	46	3.52	< 10	< 1	0.59	16
390760	< 5	< 0.2	< 0.5	2	53	< 1	< 1	< 2	2	0.05	< 2	< 10	30	< 0.5	< 2	< 0.01	< 1	3	0.49	< 10	< 1	0.01	< 10
390761	177	0.2	< 0.5	102	692	1	88	4	42	1.33	24	12	41	0.5	< 2	2.53	27	52	3.89	< 10	< 1	0.64	17

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
390762	634	1.0	< 0.5	83	755	9	79	8	31	1.05	35	11	33	< 0.5	< 2	2.39	23	42	4.18	< 10	< 1	0.61	16
390763	340	0.6	< 0.5	48	968	24	90	8	40	0.91	45	< 10	21	< 0.5	< 2	2.75	31	44	4.80	< 10	< 1	0.50	10
390764	121	0.2	< 0.5	56	719	5	64	6	25	0.83	29	< 10	29	< 0.5	< 2	2.78	26	35	4.07	< 10	< 1	0.52	10
390765	99	< 0.2	< 0.5	69	472	1	83	6	21	0.97	34	< 10	11	< 0.5	< 2	2.05	35	42	4.13	< 10	< 1	0.59	10
390766	68	< 0.2	< 0.5	49	683	4	77	5	23	1.02	29	11	< 10	< 0.5	< 2	2.94	28	36	4.42	< 10	< 1	0.66	10
390767	111	0.2	< 0.5	68	667	3	83	6	24	1.10	25	11	18	0.5	< 2	2.51	30	41	4.23	< 10	< 1	0.66	15
390768	193	0.4	< 0.5	26	561	2	77	6	18	1.13	18	11	15	< 0.5	< 2	2.56	26	43	3.96	< 10	< 1	0.71	15
390769	207	0.5	< 0.5	21	606	2	70	9	18	1.04	23	10	14	< 0.5	< 2	3.16	24	35	4.20	< 10	< 1	0.68	11
390770	88	< 0.2	< 0.5	78	510	1	27	7	21	1.44	20	12	27	0.7	< 2	2.19	24	13	4.52	< 10	< 1	0.87	39
390771	61	< 0.2	< 0.5	53	855	1	25	4	45	1.57	10	< 10	27	0.5	< 2	3.25	21	18	5.13	< 10	< 1	0.58	23
390772	108	< 0.2	< 0.5	117	774	2	31	6	29	1.48	18	< 10	16	0.5	< 2	3.91	22	22	4.95	< 10	< 1	0.69	25
390773	70	< 0.2	< 0.5	66	943	21	42	6	36	1.22	29	10	16	0.6	< 2	3.62	23	12	5.01	< 10	< 1	0.67	22
390774	87	< 0.2	< 0.5	92	688	2	25	5	34	1.51	18	10	20	0.6	< 2	3.58	22	18	4.82	< 10	< 1	0.73	27
390775	37	< 0.2	< 0.5	92	774	3	43	5	25	1.17	20	10	< 10	0.6	< 2	3.35	24	16	4.78	< 10	< 1	0.70	20
390776	162	< 0.2	< 0.5	46	463	6	40	6	14	0.76	14	15	23	< 0.5	< 2	2.59	16	29	3.78	< 10	< 1	0.47	20
390777	50	< 0.2	< 0.5	66	867	11	25	7	35	1.33	15	11	11	0.7	< 2	4.00	23	15	4.87	< 10	< 1	0.74	32
390778	50	< 0.2	< 0.5	85	588	2	22	4	34	1.81	9	< 10	< 10	0.5	< 2	3.31	20	23	4.87	< 10	< 1	0.57	31
390779	60	< 0.2	< 0.5	96	533	1	68	< 2	34	2.06	9	< 10	11	< 0.5	< 2	2.64	22	72	4.60	< 10	< 1	0.36	15
390780	> 5000	2.7	0.6	128	548	21	49	797	218	0.72	> 10000	< 10	44	< 0.5	3	1.96	19	31	4.19	< 10	< 1	0.14	< 10
390781	200	< 0.2	< 0.5	82	624	< 1	69	4	30	1.39	20	< 10	13	< 0.5	< 2	1.95	22	64	4.75	< 10	< 1	0.39	12
390782	157	< 0.2	< 0.5	40	456	2	57	4	16	0.70	21	< 10	23	< 0.5	< 2	2.58	19	36	4.12	< 10	< 1	0.40	14
390783	299	0.3	< 0.5	92	554	< 1	54	3	11	0.60	18	< 10	< 10	< 0.5	< 2	3.10	17	23	3.97	< 10	< 1	0.39	14
390784	152	0.2	< 0.5	79	592	3	50	5	19	0.85	33	< 10	< 10	< 0.5	< 2	2.76	19	32	4.45	< 10	< 1	0.44	15
390785	86	< 0.2	< 0.5	51	504	3	61	3	29	1.72	22	< 10	11	< 0.5	< 2	3.39	20	64	4.16	< 10	< 1	0.48	15
390786	67	< 0.2	< 0.5	50	508	< 1	71	4	29	1.70	12	< 10	10	< 0.5	< 2	3.32	20	66	3.89	< 10	< 1	0.39	15
390787	97	0.2	< 0.5	136	516	1	67	3	30	1.82	15	< 10	19	< 0.5	< 2	3.37	20	60	4.59	< 10	< 1	0.36	16
390788	43	< 0.2	< 0.5	54	470	1	58	3	26	1.51	18	< 10	24	< 0.5	< 2	3.00	17	57	3.67	< 10	< 1	0.42	16
390789	35	< 0.2	< 0.5	34	356	3	39	5	18	0.92	13	< 10	26	< 0.5	< 2	2.40	12	44	3.20	< 10	< 1	0.44	16
390790	44	< 0.2	< 0.5	32	554	4	66	5	23	0.89	16	< 10	16	< 0.5	< 2	2.96	22	41	4.26	< 10	< 1	0.42	12
390791	30	< 0.2	< 0.5	67	553	6	30	6	15	0.72	16	< 10	12	0.5	< 2	2.44	15	11	3.88	< 10	< 1	0.46	24
390792	16	< 0.2	< 0.5	61	652	1	13	7	18	0.73	18	< 10	14	0.6	< 2	2.54	15	5	3.70	< 10	< 1	0.46	33
390793	10	< 0.2	< 0.5	56	828	2	16	5	30	1.00	16	< 10	20	0.7	< 2	3.03	15	7	3.59	< 10	< 1	0.47	32
390794	9	< 0.2	< 0.5	65	679	2	11	5	23	0.82	14	< 10	14	0.6	< 2	2.47	15	6	3.61	< 10	< 1	0.44	34
390795	28	< 0.2	< 0.5	55	790	1	9	5	23	0.77	33	< 10	17	0.6	< 2	3.14	13	5	3.43	< 10	< 1	0.40	35
390796	38	< 0.2	< 0.5	61	402	3	12	8	12	0.61	24	< 10	15	0.5	< 2	2.30	15	5	3.89	< 10	< 1	0.38	30
390797	69	< 0.2	< 0.5	90	385	11	12	9	16	0.64	18	< 10	13	0.5	< 2	2.11	16	7	4.08	< 10	< 1	0.37	33
390798	82	< 0.2	< 0.5	68	539	2	11	5	19	0.74	26	< 10	23	0.5	< 2	2.73	15	5	3.27	< 10	< 1	0.39	36
390799	44	< 0.2	< 0.5	96	304	9	77	5	12	0.77	28	12	20	0.5	< 2	1.83	30	23	4.25	< 10	< 1	0.47	11
390800	< 5	< 0.2	< 0.5	1	94	< 1	< 1	< 2	3	0.10	< 2	< 10	< 10	< 0.5	< 2	0.02	< 1	4	0.72	< 10	< 1	0.02	< 10
390801	68	0.2	< 0.5	36	327	3	81	6	15	0.68	17	< 10	18	< 0.5	< 2	2.31	24	34	4.73	< 10	< 1	0.36	< 10
390802	340	1.1	< 0.5	20	238	73	55	10	11	0.53	18	< 10	21	< 0.5	< 2	2.10	16	25	4.29	< 10	< 1	0.30	11
390803	300	1.4	< 0.5	21	272	49	53	14	14	0.49	19	< 10	22	< 0.5	< 2	2.25	13	22	3.73	< 10	< 1	0.28	11
390804	419	0.4	< 0.5	103	210	60	51	7	17	0.47	26	< 10	25	< 0.5	< 2	1.94	18	18	3.05	< 10	< 1	0.28	11
390805	148	0.4	< 0.5	146	267	38	51	12	22	0.52	26	11	27	< 0.5	< 2	2.33	15	20	3.72	< 10	< 1	0.31	10
390806	28	< 0.2	< 0.5	8	239	6	51	6	15	0.62	12	< 10	28	< 0.5	< 2	2.50	15	30	3.60	< 10	< 1	0.30	< 10
390807	55	< 0.2	< 0.5	10	220	1	60	5	17	0.83	19	12	25	< 0.5	< 2	2.43	16	57	3.86	< 10	< 1	0.30	10
390808	143	0.3	< 0.5	8	211	1	57	7	17	0.93	13	< 10	< 10	< 0.5	< 2	2.17	15	60	4.89	< 10	< 1	0.27	< 10
390809	158	0.2	< 0.5	7	244	< 1	57	4	15	0.89	9	10	12	< 0.5	< 2	2.07	16	62	4.27	< 10	< 1	0.23	< 10
390810	96	0.3	< 0.5	84	321	2	59	3	19	1.02	12	14	21	< 0.5	< 2	2.56	18	62	3.90	< 10	< 1	0.22	< 10
390811	64	0.3	< 0.5	81	336	1	64	4	31	1.15	35	< 10	16	< 0.5	< 2	2.43	20	68	4.19	< 10	< 1	0.26	< 10
390812	46	0.2	< 0.5	22	279	1	67	3	21	1.06	14	< 10	16	< 0.5	< 2	2.25	20	60	4.30	< 10	< 1	0.26	< 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
390813	35	< 0.2	< 0.5	9	410	< 1	59	3	18	0.90	9	< 10	23	< 0.5	< 2	2.44	17	68	3.75	< 10	< 1	0.21	< 10
390814	26	< 0.2	< 0.5	15	269	1	58	4	18	0.94	9	< 10	22	< 0.5	< 2	2.46	18	62	3.95	< 10	< 1	0.27	< 10
390815	22	< 0.2	< 0.5	101	250	2	56	5	19	0.86	10	< 10	27	< 0.5	< 2	2.43	17	39	3.21	< 10	< 1	0.31	< 10
390816	25	< 0.2	< 0.5	50	294	4	57	3	14	0.62	12	< 10	28	< 0.5	< 2	2.72	21	29	3.30	< 10	< 1	0.30	13
390817	34	< 0.2	< 0.5	7	396	1	48	6	13	0.50	13	16	26	< 0.5	< 2	2.46	14	21	3.51	< 10	< 1	0.26	< 10
390818	42	< 0.2	< 0.5	23	675	2	58	5	14	0.66	18	11	22	< 0.5	2	2.53	21	29	4.23	< 10	< 1	0.32	11
390819	128	< 0.2	< 0.5	51	1300	2	66	4	17	0.70	12	< 10	26	< 0.5	< 2	2.88	22	23	4.17	< 10	< 1	0.33	< 10
390820	3860	0.8	0.5	399	752	385	28	45	138	1.68	23	13	65	< 0.5	< 2	1.34	9	43	3.84	< 10	< 1	0.27	< 10
390821	206	< 0.2	< 0.5	72	1420	2	38	5	28	1.38	29	< 10	23	0.5	< 2	2.44	19	31	4.64	< 10	< 1	0.38	37
390822	267	< 0.2	< 0.5	76	1390	1	39	7	34	1.70	18	< 10	21	0.6	< 2	2.28	21	43	5.00	< 10	< 1	0.43	41
390823	58	< 0.2	< 0.5	46	1240	1	69	2	29	1.54	16	10	29	< 0.5	< 2	2.18	23	63	4.18	< 10	< 1	0.35	16
390824	72	< 0.2	< 0.5	65	746	1	70	3	29	1.53	19	12	32	< 0.5	< 2	2.26	26	61	3.96	< 10	< 1	0.43	15
390825	40	0.2	< 0.5	112	802	4	111	3	28	1.60	31	21	24	< 0.5	< 2	1.59	39	81	4.72	< 10	< 1	0.36	11
390826	45	0.3	< 0.5	75	661	2	122	7	36	2.09	31	< 10	21	< 0.5	< 2	2.08	38	111	6.36	< 10	< 1	0.24	13
390827	44	0.3	< 0.5	53	582	1	105	4	36	1.84	21	< 10	19	< 0.5	< 2	1.80	39	105	5.81	< 10	< 1	0.24	< 10
390828	68	0.8	< 0.5	159	429	4	98	4	32	1.59	15	< 10	21	0.5	< 2	1.92	34	73	5.03	< 10	< 1	0.43	14
390829	51	< 0.2	< 0.5	53	535	4	44	< 2	30	1.70	14	< 10	27	< 0.5	< 2	2.69	17	54	4.45	< 10	< 1	0.39	25
390830	68	0.3	< 0.5	45	476	2	89	4	44	2.17	14	< 10	21	< 0.5	< 2	1.64	27	109	4.86	< 10	< 1	0.40	14
390831	76	0.2	< 0.5	36	616	3	75	3	34	1.78	8	< 10	36	< 0.5	< 2	2.87	21	104	3.96	< 10	< 1	0.29	13
390832	29	< 0.2	< 0.5	39	559	< 1	90	< 2	39	2.23	8	< 10	34	< 0.5	< 2	1.81	24	131	4.38	< 10	< 1	0.26	< 10
390833	24	< 0.2	< 0.5	45	570	< 1	97	2	40	2.64	6	< 10	37	< 0.5	< 2	2.07	25	135	4.53	< 10	< 1	0.36	11
390834	45	0.3	< 0.5	11	564	< 1	102	2	36	2.51	7	< 10	35	< 0.5	< 2	2.32	28	124	4.62	< 10	< 1	0.35	< 10
390835	38	< 0.2	< 0.5	111	591	3	86	2	29	2.15	4	< 10	31	< 0.5	< 2	3.00	28	89	4.29	< 10	< 1	0.44	14
390836	78	0.4	< 0.5	140	555	3	92	< 2	34	2.42	5	< 10	37	< 0.5	< 2	2.00	27	111	4.54	< 10	< 1	0.56	< 10
390837	65	0.3	< 0.5	68	628	< 1	94	2	38	2.53	6	< 10	42	< 0.5	< 2	2.54	22	124	4.22	< 10	< 1	0.42	11
390838	52	0.4	< 0.5	26	416	2	95	3	29	2.17	8	17	25	< 0.5	< 2	2.17	27	90	4.53	< 10	< 1	0.46	< 10
390839	65	0.8	< 0.5	15	390	1	88	3	27	1.80	5	13	24	< 0.5	< 2	1.78	22	98	3.88	< 10	< 1	0.41	< 10
390840	< 5	< 0.2	< 0.5	< 1	26	< 1	< 1	< 2	< 2	0.05	< 2	< 10	< 10	< 0.5	< 2	0.01	< 1	1	0.23	< 10	< 1	< 0.01	< 10
390841	46	1.1	< 0.5	26	372	2	91	3	30	1.97	8	13	23	< 0.5	< 2	1.64	23	85	3.98	< 10	< 1	0.44	< 10
390842	127	0.8	< 0.5	61	623	< 1	110	3	42	2.97	9	< 10	37	< 0.5	< 2	1.50	25	141	5.12	< 10	< 1	0.27	11
390843	310	1.9	< 0.5	90	403	17	123	5	34	2.59	24	< 10	18	< 0.5	< 2	0.97	27	155	5.16	< 10	< 1	0.35	< 10
390844	56	3.3	< 0.5	48	403	8	98	4	30	2.12	14	12	18	< 0.5	< 2	1.17	24	128	4.55	< 10	< 1	0.33	< 10
390845	12	< 0.2	< 0.5	27	677	< 1	78	< 2	37	2.66	5	< 10	73	< 0.5	< 2	2.14	20	112	4.29	< 10	< 1	0.33	13
390846	27	< 0.2	< 0.5	70	695	< 1	117	< 2	43	2.76	6	< 10	36	< 0.5	< 2	2.27	26	165	4.53	< 10	< 1	0.37	< 10
390847	58	< 0.2	< 0.5	52	663	< 1	124	< 2	39	2.61	8	< 10	29	< 0.5	< 2	2.22	27	158	4.54	< 10	< 1	0.43	< 10
390848	44	< 0.2	< 0.5	45	699	1	129	< 2	45	2.84	9	10	60	< 0.5	< 2	1.64	35	152	4.69	< 10	< 1	0.49	13
390849	19	< 0.2	< 0.5	63	616	2	116	< 2	45	2.05	11	< 10	44	< 0.5	< 2	1.46	16	160	3.60	10	< 1	0.26	13
390850	54	< 0.2	< 0.5	49	706	4	160	< 2	60	2.37	17	< 10	19	< 0.5	< 2	0.94	27	228	4.63	10	< 1	0.17	< 10
390851	139	0.5	< 0.5	11	674	5	144	3	41	2.23	22	12	12	< 0.5	< 2	1.69	32	209	4.92	< 10	< 1	0.28	13
390852	86	< 0.2	< 0.5	70	722	4	79	3	41	2.12	27	< 10	< 10	< 0.5	< 2	2.24	23	127	4.70	10	< 1	0.29	23
390853	123	< 0.2	< 0.5	54	666	4	21	3	44	2.12	33	< 10	12	< 0.5	< 2	1.64	18	40	5.13	10	< 1	0.16	55
390854	89	< 0.2	< 0.5	59	672	4	60	3	39	2.22	19	< 10	25	0.5	< 2	2.57	21	76	4.39	< 10	< 1	0.46	21
390855	63	< 0.2	< 0.5	44	722	3	106	< 2	46	2.64	10	< 10	72	< 0.5	< 2	2.95	22	152	4.20	< 10	< 1	0.49	< 10
390856	71	< 0.2	< 0.5	14	650	3	121	4	53	2.43	7	< 10	39	< 0.5	< 2	2.11	28	146	4.45	< 10	< 1	0.44	< 10
390857	68	< 0.2	< 0.5	28	550	5	111	4	47	2.16	6	16	28	< 0.5	< 2	2.38	28	116	4.41	< 10	< 1	0.43	< 10
390858	48	< 0.2	< 0.5	52	767	5	121	3	60	2.53	14	< 10	34	< 0.5	< 2	2.15	28	175	4.78	< 10	< 1	0.23	< 10
390859	19	< 0.2	< 0.5	57	1070	4	96	< 2	61	2.50	7	< 10	65	< 0.5	< 2	3.44	22	143	4.14	< 10	< 1	0.17	13
390860	> 5000	3.3	1.4	126	550	21	50	799	222	0.73	> 10000	< 10	48	< 0.5	3	1.98	19	32	4.17	< 10	< 1	0.15	< 10
390861	50	< 0.2	< 0.5	51	982	3	124	3	63	2.44	22	< 10	22	< 0.5	< 2	2.33	30	199	4.68	10	< 1	0.11	14
390862	37	< 0.2	< 0.5	61	948	2	123	< 2	61	2.59	21	< 10	53	< 0.5	< 2	2.38	25	192	4.56	10	< 1	0.15	14
390863	41	0.2	< 0.5	74	900	2	123	3	61	2.65	13	< 10	41	< 0.5	< 2	1.74	24	201	4.65	10	< 1	0.15	15

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
390864	38	0.2	< 0.5	38	823	1	115	3	56	2.51	15	< 10	26	< 0.5	< 2	1.86	28	199	4.45	10	< 1	0.15	14
390865	25	< 0.2	< 0.5	65	859	1	126	4	61	2.86	12	< 10	73	< 0.5	< 2	1.89	24	200	4.40	10	< 1	0.14	14
390866	60	0.3	< 0.5	67	766	2	109	20	54	2.34	23	< 10	10	< 0.5	< 2	1.81	28	159	4.62	< 10	< 1	0.13	11
390867	18	< 0.2	< 0.5	43	784	1	119	6	53	3.08	20	< 10	80	< 0.5	< 2	2.10	23	180	4.48	10	< 1	0.12	13
390868	46	< 0.2	< 0.5	38	614	< 1	120	6	48	2.59	32	< 10	40	< 0.5	< 2	1.62	30	192	4.49	< 10	< 1	0.12	13
390869	14	< 0.2	< 0.5	32	699	3	107	3	49	2.53	15	< 10	122	< 0.5	< 2	1.98	22	181	3.89	< 10	< 1	0.12	13
390870	37	< 0.2	< 0.5	53	778	2	124	< 2	79	2.53	13	< 10	43	< 0.5	< 2	1.82	25	190	4.18	10	< 1	0.19	14
390871	44	0.3	< 0.5	37	752	2	118	4	79	2.42	26	< 10	18	0.5	< 2	2.26	24	184	4.49	10	< 1	0.21	13
390872	56	< 0.2	< 0.5	126	1230	2	88	2	78	3.22	25	< 10	59	1.1	< 2	3.63	28	183	6.22	10	< 1	0.07	29
390873	71	< 0.2	< 0.5	105	1190	2	92	2	73	2.83	49	< 10	18	0.7	< 2	4.04	27	205	6.05	10	< 1	0.08	22
390874	21	< 0.2	< 0.5	113	1130	< 1	74	< 2	80	2.83	10	< 10	90	< 0.5	< 2	3.30	31	156	6.48	10	< 1	0.10	32
390875	12	0.2	< 0.5	96	1090	< 1	74	< 2	81	2.76	10	< 10	201	< 0.5	< 2	3.38	31	145	6.25	10	< 1	0.13	34
390876	16	< 0.2	< 0.5	99	981	< 1	72	2	90	2.59	10	< 10	47	< 0.5	< 2	3.02	34	142	5.89	10	< 1	0.12	34
390877	52	< 0.2	< 0.5	95	751	1	71	6	56	1.93	33	< 10	< 10	< 0.5	< 2	2.29	35	124	6.34	10	< 1	0.12	32
390878	32	0.2	< 0.5	83	932	< 1	54	4	60	2.31	14	< 10	15	0.5	< 2	2.71	26	106	5.79	10	< 1	0.11	41
390879	47	< 0.2	< 0.5	73	956	3	82	4	59	2.48	42	< 10	16	0.6	< 2	2.61	38	150	6.89	10	< 1	0.11	33
390880	< 5	< 0.2	< 0.5	< 1	75	< 1	< 1	< 2	< 2	0.07	< 2	< 10	10	< 0.5	< 2	0.03	< 1	3	0.66	< 10	< 1	0.01	< 10
390881	71	< 0.2	< 0.5	103	717	3	41	5	35	1.64	35	< 10	14	0.6	< 2	3.28	27	72	5.84	10	< 1	0.14	41
390882	76	< 0.2	< 0.5	175	550	2	21	4	33	1.47	31	< 10	< 10	0.6	< 2	1.96	23	24	5.59	10	< 1	0.13	57
390883	24	< 0.2	< 0.5	158	714	2	45	2	38	2.05	21	< 10	18	0.7	< 2	2.25	22	73	5.60	10	< 1	0.21	53
390884	24	0.2	< 0.5	42	671	5	88	5	33	1.62	22	< 10	11	< 0.5	< 2	1.88	28	186	5.56	< 10	< 1	0.10	26
390885	39	< 0.2	< 0.5	84	723	2	65	4	38	2.01	29	< 10	15	0.7	< 2	2.43	23	166	5.81	10	< 1	0.20	38
390886	42	< 0.2	< 0.5	152	829	< 1	35	< 2	44	2.41	18	< 10	25	0.6	< 2	1.70	21	61	5.47	10	< 1	0.20	47
390887	32	< 0.2	< 0.5	163	988	< 1	34	< 2	48	2.83	8	< 10	78	0.6	< 2	1.99	17	58	5.09	10	< 1	0.25	50
390888	33	< 0.2	< 0.5	98	893	1	31	2	44	2.52	18	< 10	40	0.7	< 2	2.76	21	44	5.38	10	< 1	0.32	49
390889	23	< 0.2	< 0.5	114	928	2	56	2	46	2.66	7	< 10	68	0.6	< 2	3.61	23	93	5.41	10	< 1	0.37	44
390890	57	< 0.2	< 0.5	88	595	2	73	3	39	2.11	25	< 10	35	0.9	< 2	2.55	24	102	5.18	10	< 1	0.33	37
390891	73	< 0.2	< 0.5	50	493	1	67	4	28	1.82	36	11	21	0.8	< 2	2.83	21	96	5.03	< 10	< 1	0.57	24
390892	351	< 0.2	< 0.5	71	475	1	71	3	30	1.94	36	11	21	0.7	< 2	2.59	19	100	4.82	< 10	< 1	0.57	15
390893	64	< 0.2	< 0.5	89	644	2	69	2	35	2.03	21	< 10	39	0.5	< 2	2.76	22	102	4.59	< 10	< 1	0.45	19
390894	62	< 0.2	< 0.5	58	772	2	87	3	33	1.88	17	12	30	< 0.5	< 2	2.40	26	118	4.65	< 10	< 1	0.69	13
390895	77	< 0.2	< 0.5	167	475	2	119	4	33	2.18	27	12	21	0.6	< 2	1.63	34	201	4.67	< 10	< 1	0.89	13
390896	60	< 0.2	< 0.5	93	586	2	72	4	34	2.21	33	12	20	0.5	< 2	2.45	29	55	5.14	< 10	< 1	0.82	23
390897	259	< 0.2	< 0.5	413	667	3	68	4	29	1.90	25	13	35	0.5	< 2	2.99	23	63	4.18	< 10	< 1	0.78	19
390898	66	0.2	< 0.5	118	624	2	99	3	35	1.81	25	16	42	0.5	< 2	2.69	25	95	3.93	< 10	< 1	0.76	14
390899	132	0.3	< 0.5	60	510	3	92	7	17	0.87	78	13	20	< 0.5	< 2	2.12	47	72	4.42	< 10	< 1	0.53	10
390900	1190	1.0	0.8	622	515	31	34	84	102	1.68	19	13	111	< 0.5	< 2	1.21	15	48	3.57	< 10	< 1	0.30	< 10
390901	422	0.3	< 0.5	326	386	5	57	6	34	1.44	29	19	21	0.6	< 2	1.49	27	43	4.46	< 10	< 1	0.77	35
390902	201	0.2	< 0.5	76	557	2	23	6	29	0.94	27	14	24	< 0.5	< 2	2.67	21	16	4.72	< 10	< 1	0.47	42
390903	257	0.3	< 0.5	192	450	2	22	8	25	0.95	44	14	23	< 0.5	< 2	2.44	22	15	4.37	< 10	< 1	0.52	42
390904	221	0.2	< 0.5	20	405	9	27	16	15	0.63	104	13	14	< 0.5	< 2	2.40	24	13	5.20	< 10	< 1	0.42	34
390905	182	< 0.2	< 0.5	10	338	2	20	12	11	0.49	36	24	26	< 0.5	5	1.64	13	20	2.22	< 10	< 1	0.32	19
390906	138	< 0.2	< 0.5	22	270	2	14	10	11	0.47	42	18	30	< 0.5	2	1.29	8	15	1.79	< 10	< 1	0.31	17
390907	195	0.5	< 0.5	610	550	1	41	10	25	0.75	32	17	52	< 0.5	< 2	2.54	14	81	2.51	< 10	< 1	0.29	14

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	0.03
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
390558	2.47	0.095	0.221	0.50	8	5	61	< 0.01	< 20	< 1	< 2	< 10	105	< 10	15	3	
390559	2.60	0.064	0.231	1.11	15	7	52	< 0.01	< 20	< 1	< 2	< 10	104	< 10	12	2	
390560	0.01	0.011	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390561	2.88	0.066	0.125	1.56	10	9	41	< 0.01	< 20	< 1	< 2	< 10	81	< 10	6	3	
390562	4.17	0.052	0.167	0.48	5	13	61	< 0.01	< 20	< 1	< 2	< 10	117	< 10	8	2	
390563	2.16	0.062	0.069	2.07	3	4	38	< 0.01	< 20	< 1	< 2	< 10	36	< 10	4	10	
390564	1.93	0.026	0.072	2.20	< 2	3	40	< 0.01	< 20	< 1	< 2	< 10	20	< 10	4	7	
390565	1.72	0.042	0.072	2.31	3	3	48	< 0.01	< 20	< 1	< 2	< 10	22	< 10	5	10	
390566	2.13	0.037	0.072	1.54	3	3	61	< 0.01	< 20	< 1	< 2	< 10	22	< 10	5	5	
390567	2.28	0.037	0.078	1.62	3	4	68	< 0.01	< 20	< 1	< 2	< 10	28	< 10	5	4	
390568	1.84	0.040	0.071	2.25	3	3	53	< 0.01	< 20	4	< 2	< 10	19	< 10	5	8	
390569	1.97	0.030	0.067	2.01	2	3	62	< 0.01	< 20	1	< 2	< 10	18	< 10	4	6	
390570	1.40	0.035	0.071	2.67	3	4	59	< 0.01	< 20	< 1	< 2	< 10	17	< 10	4	9	
390571	1.54	0.041	0.071	2.15	2	4	71	< 0.01	< 20	< 1	< 2	< 10	19	< 10	5	3	
390572	1.64	0.036	0.066	1.83	3	4	74	< 0.01	< 20	4	< 2	< 10	20	< 10	5	3	
390573	1.48	0.041	0.070	2.04	3	4	83	< 0.01	< 20	1	< 2	< 10	20	< 10	5	8	
390574	1.51	0.036	0.071	2.12	< 2	4	86	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	7	
390575	1.42	0.041	0.065	2.24	3	4	87	< 0.01	< 20	1	< 2	< 10	24	< 10	5	10	
390576	1.19	0.043	0.083	2.50	3	4	85	< 0.01	< 20	2	< 2	< 10	25	< 10	6	5	
390577	1.28	0.032	0.086	3.03	3	4	87	< 0.01	< 20	3	< 2	< 10	21	< 10	6	4	
390578	1.14	0.032	0.072	2.39	2	4	90	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	7	
390579	1.22	0.031	0.080	2.77	3	4	108	< 0.01	< 20	5	< 2	< 10	24	< 10	6	5	
390580	0.69	0.037	0.032	0.97	4	3	44	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	
390581	1.94	0.029	0.057	2.58	11	3	106	< 0.01	< 20	2	< 2	< 10	13	< 10	7	3	
390582	1.03	0.039	0.080	2.52	3	4	93	< 0.01	< 20	< 1	< 2	< 10	18	< 10	5	8	
390583	1.19	0.044	0.078	1.85	2	4	93	< 0.01	< 20	< 1	< 2	< 10	19	< 10	4	6	
390584	1.37	0.046	0.072	1.89	< 2	4	106	< 0.01	< 20	< 1	< 2	< 10	19	< 10	5	5	
390585	1.33	0.041	0.077	1.87	3	4	106	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	3	
390586	1.54	0.041	0.073	1.92	2	4	114	< 0.01	< 20	< 1	< 2	< 10	18	< 10	5	4	
390587	1.52	0.041	0.080	1.87	< 2	4	134	< 0.01	< 20	2	< 2	< 10	19	< 10	6	2	
390588	0.95	0.040	0.083	2.72	3	4	85	< 0.01	< 20	4	< 2	< 10	19	< 10	5	3	
390589	1.22	0.037	0.077	1.66	< 2	3	118	< 0.01	< 20	< 1	< 2	< 10	14	< 10	5	4	
390590	1.57	0.040	0.075	1.51	6	3	113	< 0.01	< 20	5	< 2	< 10	17	< 10	6	3	
390591	1.55	0.040	0.073	1.10	4	3	102	< 0.01	< 20	< 1	< 2	< 10	19	< 10	6	2	
390592	1.17	0.047	0.077	1.46	3	4	87	< 0.01	< 20	1	< 2	< 10	20	< 10	5	3	
390593	0.88	0.050	0.079	2.13	2	3	65	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	4	
390594	1.02	0.044	0.080	2.13	3	4	80	< 0.01	< 20	1	< 2	< 10	17	< 10	5	2	
390595	0.93	0.042	0.083	2.25	2	3	61	< 0.01	< 20	1	< 2	< 10	15	< 10	5	5	
390596	1.32	0.047	0.074	2.07	< 2	4	80	< 0.01	< 20	1	< 2	< 10	16	< 10	5	5	
390597	1.76	0.037	0.080	2.88	3	3	108	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	4	
390598	1.76	0.032	0.082	2.74	2	3	109	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	4	
390599	1.38	0.031	0.082	2.67	3	3	83	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	3	
390600	< 0.01	0.009	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390601	1.38	0.039	0.074	1.78	2	3	93	< 0.01	< 20	3	< 2	< 10	13	< 10	5	3	
390602	1.27	0.035	0.081	2.17	2	3	93	< 0.01	< 20	< 1	< 2	< 10	14	< 10	6	2	
390603	1.48	0.038	0.074	1.73	< 2	3	96	< 0.01	< 20	< 1	< 2	< 10	14	< 10	6	2	
390604	1.38	0.037	0.070	1.81	< 2	3	85	< 0.01	< 20	2	< 2	< 10	14	< 10	5	2	
390605	0.88	0.034	0.080	2.32	3	3	59	< 0.01	< 20	5	< 2	< 10	15	< 10	5	3	
390606	1.24	0.037	0.075	1.92	3	3	85	< 0.01	< 20	< 1	< 2	< 10	14	< 10	5	5	
390607	1.05	0.038	0.083	2.52	2	3	81	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	4	

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	0.03
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
390608	1.13	0.038	0.075	2.63	2	3	83	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	4	
390609	1.28	0.039	0.078	2.52	3	3	87	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	3	
390610	0.88	0.043	0.073	3.05	< 2	2	67	< 0.01	< 20	< 1	< 2	< 10	13	< 10	5	6	
390611	0.95	0.037	0.082	3.08	4	3	68	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	4	
390612	1.27	0.041	0.079	2.79	4	3	87	< 0.01	< 20	3	< 2	< 10	17	< 10	6	4	
390613	1.41	0.036	0.071	2.22	2	3	91	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	5	
390614	1.41	0.037	0.088	2.88	3	3	88	< 0.01	< 20	2	< 2	< 10	17	< 10	6	4	
390615	1.81	0.039	0.111	2.37	2	4	106	< 0.01	< 20	1	< 2	< 10	22	< 10	7	2	
390616	1.67	0.042	0.072	2.42	2	3	85	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	5	
390617	1.51	0.041	0.074	2.50	2	3	81	< 0.01	< 20	4	< 2	< 10	15	< 10	5	5	
390618	1.49	0.041	0.075	2.16	2	3	76	< 0.01	< 20	4	< 2	< 10	14	< 10	5	4	
390619	1.59	0.037	0.096	2.49	3	4	87	< 0.01	< 20	< 1	< 2	< 10	17	< 10	6	2	
390620	0.67	0.110	0.048	0.61	5	6	54	0.14	< 20	< 1	< 2	< 10	77	12	12	8	
390621	1.79	0.048	0.194	1.87	4	4	116	< 0.01	< 20	< 1	< 2	< 10	38	< 10	11	2	
390622	1.81	0.044	0.153	2.23	3	4	119	< 0.01	< 20	< 1	< 2	< 10	29	< 10	9	2	
390623	1.89	0.042	0.074	1.68	2	3	91	< 0.01	< 20	3	< 2	< 10	15	< 10	6	5	
390624	1.28	0.044	0.079	2.48	5	3	79	< 0.01	< 20	1	< 2	< 10	14	< 10	5	5	
390625	1.92	0.036	0.070	1.88	3	3	79	< 0.01	< 20	< 1	< 2	< 10	15	< 10	5	4	
390626	1.80	0.035	0.078	2.24	7	3	70	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	3	
390627	0.74	0.036	0.077	3.82	3	3	50	< 0.01	< 20	< 1	< 2	< 10	12	< 10	4	11	
390628	0.35	0.035	0.081	4.19	3	2	39	< 0.01	< 20	1	< 2	< 10	12	< 10	4	14	
390629	0.65	0.033	0.081	3.75	3	3	46	< 0.01	< 20	< 1	< 2	< 10	10	< 10	4	10	
390630	0.70	0.033	0.082	3.65	2	3	52	< 0.01	< 20	< 1	< 2	< 10	11	< 10	4	12	
390631	1.16	0.035	0.078	2.96	2	3	68	< 0.01	< 20	3	< 2	< 10	12	< 10	4	6	
390632	1.84	0.034	0.149	2.21	3	4	112	< 0.01	< 20	6	< 2	< 10	28	< 10	7	2	
390633	2.56	0.039	0.240	1.32	3	8	140	< 0.01	< 20	< 1	< 2	< 10	62	< 10	9	2	
390634	1.41	0.043	0.162	3.14	3	4	104	< 0.01	< 20	2	< 2	< 10	33	< 10	9	2	
390635	1.52	0.048	0.148	2.62	3	4	108	< 0.01	< 20	5	< 2	< 10	34	< 10	8	2	
390636	1.63	0.043	0.149	2.32	3	4	104	< 0.01	< 20	< 1	< 2	< 10	35	< 10	8	3	
390637	1.66	0.049	0.147	2.58	3	4	107	< 0.01	< 20	2	< 2	< 10	34	< 10	8	3	
390638	1.69	0.053	0.146	1.91	2	5	110	< 0.01	< 20	4	< 2	< 10	44	< 10	9	2	
390639	1.57	0.050	0.150	2.67	3	4	104	< 0.01	< 20	< 1	< 2	< 10	39	< 10	8	2	
390640	0.01	0.010	0.004	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	1	3	
390641	1.26	0.041	0.170	3.07	3	4	87	< 0.01	< 20	3	< 2	< 10	32	< 10	9	2	
390642	0.98	0.043	0.158	4.25	4	3	71	< 0.01	< 20	< 1	< 2	< 10	27	< 10	7	4	
390643	0.55	0.034	0.077	3.63	2	2	52	< 0.01	< 20	< 1	< 2	< 10	10	< 10	5	12	
390644	0.30	0.030	0.074	3.87	< 2	2	34	< 0.01	< 20	< 1	< 2	< 10	11	< 10	4	13	
390645	0.58	0.030	0.073	3.43	3	2	46	< 0.01	< 20	< 1	< 2	< 10	10	< 10	4	13	
390646	0.93	0.035	0.085	3.58	3	3	66	< 0.01	< 20	< 1	< 2	< 10	12	< 10	5	9	
390647	1.02	0.035	0.142	3.71	8	3	85	< 0.01	< 20	< 1	< 2	< 10	21	< 10	7	3	
390648	1.04	0.031	0.192	4.52	9	3	72	< 0.01	< 20	2	< 2	< 10	26	< 10	10	3	
390649	0.53	0.033	0.129	3.76	4	2	63	< 0.01	< 20	3	< 2	< 10	17	< 10	8	3	
390650	0.92	0.036	0.131	3.93	4	2	63	< 0.01	< 20	3	< 2	< 10	18	< 10	9	3	
390651	1.39	0.051	0.124	1.94	3	2	80	< 0.01	< 20	< 1	< 2	< 10	33	< 10	9	2	
390652	1.15	0.050	0.127	2.35	4	2	70	< 0.01	< 20	4	< 2	< 10	30	< 10	9	3	
390653	1.21	0.066	0.127	1.86	3	3	62	< 0.01	< 20	< 1	< 2	< 10	44	< 10	9	2	
390654	1.20	0.070	0.130	1.59	3	3	105	< 0.01	< 20	< 1	< 2	< 10	47	< 10	8	2	
390655	1.17	0.065	0.132	1.80	3	3	65	< 0.01	< 20	< 1	< 2	< 10	47	< 10	8	3	
390656	1.15	0.079	0.128	1.53	3	3	124	< 0.01	< 20	4	< 2	< 10	60	< 10	7	2	
390657	1.26	0.071	0.131	1.85	3	3	119	< 0.01	< 20	< 1	< 2	< 10	58	< 10	7	2	

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	0.03
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
390658	1.16	0.062	0.133	1.90	3	3	162	< 0.01	< 20	< 1	< 2	< 10	53	< 10	7	2	
390659	1.10	0.068	0.129	1.94	3	3	136	< 0.01	< 20	< 1	< 2	< 10	53	< 10	8	3	
390660	0.84	0.138	0.067	0.57	3	7	57	0.15	< 20	< 1	< 2	< 10	86	21	10	9	
390661	0.94	0.065	0.134	2.66	3	3	111	< 0.01	< 20	< 1	< 2	< 10	43	< 10	8	4	
390662	1.04	0.063	0.139	2.08	4	2	109	< 0.01	< 20	< 1	< 2	< 10	44	< 10	9	3	
390663	1.20	0.055	0.135	1.38	< 2	3	129	< 0.01	< 20	< 1	< 2	< 10	49	< 10	8	2	
390664	1.24	0.065	0.130	0.67	< 2	4	167	< 0.01	< 20	< 1	< 2	< 10	59	< 10	10	2	
390665	1.26	0.067	0.127	0.68	2	4	164	< 0.01	< 20	5	< 2	< 10	58	< 10	9	2	
390666	1.34	0.080	0.130	1.05	2	4	188	< 0.01	< 20	< 1	< 2	< 10	67	< 10	8	2	
390667	1.41	0.073	0.133	1.09	< 2	4	169	< 0.01	< 20	1	< 2	< 10	72	< 10	8	2	
390668	1.31	0.067	0.134	1.71	4	3	149	< 0.01	< 20	< 1	< 2	< 10	51	< 10	7	2	
390669	1.64	0.060	0.222	2.57	4	4	143	< 0.01	< 20	< 1	< 2	< 10	73	< 10	9	2	
390670	1.99	0.055	0.221	1.23	3	4	145	< 0.01	< 20	< 1	< 2	< 10	81	< 10	9	2	
390671	1.82	0.046	0.213	1.54	3	4	102	< 0.01	< 20	< 1	< 2	< 10	63	< 10	10	2	
390672	1.77	0.049	0.222	1.78	3	4	90	< 0.01	< 20	< 1	< 2	< 10	60	< 10	10	2	
390673	1.33	0.041	0.232	3.50	4	3	75	< 0.01	< 20	< 1	< 2	< 10	48	< 10	11	2	
390674	1.85	0.061	0.218	1.44	2	4	96	< 0.01	< 20	< 1	< 2	< 10	66	< 10	10	2	
390675	1.75	0.065	0.218	2.33	3	4	93	< 0.01	< 20	< 1	< 2	< 10	59	< 10	11	2	
390676	1.02	0.052	0.238	2.81	3	4	90	< 0.01	< 20	< 1	< 2	< 10	46	< 10	12	2	
390677	1.50	0.060	0.212	2.08	4	5	184	< 0.01	< 20	< 1	< 2	< 10	54	12	12	2	
390678	1.66	0.057	0.222	2.08	3	4	216	< 0.01	< 20	< 1	< 2	< 10	52	< 10	12	2	
390679	1.77	0.055	0.194	1.99	4	5	192	< 0.01	< 20	2	< 2	< 10	55	< 10	12	2	
390680	< 0.01	0.012	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390681	1.45	0.058	0.139	1.85	3	3	144	< 0.01	< 20	4	< 2	< 10	40	< 10	11	2	
390682	1.25	0.072	0.127	0.86	3	3	146	< 0.01	< 20	3	< 2	< 10	42	< 10	12	2	
390683	1.18	0.086	0.122	0.89	4	3	188	< 0.01	< 20	< 1	< 2	< 10	41	< 10	11	2	
390684	1.19	0.080	0.125	0.99	3	3	245	< 0.01	< 20	< 1	< 2	< 10	47	< 10	10	2	
390685	1.08	0.068	0.125	1.14	3	3	167	< 0.01	< 20	2	< 2	< 10	35	< 10	11	2	
390686	1.09	0.081	0.125	0.98	2	3	402	< 0.01	< 20	< 1	< 2	< 10	39	< 10	11	2	
390687	1.05	0.079	0.125	0.54	3	3	574	< 0.01	< 20	4	< 2	< 10	44	< 10	12	2	
390688	1.22	0.052	0.123	2.22	4	3	419	< 0.01	< 20	< 1	< 2	< 10	30	< 10	10	2	
390689	0.97	0.079	0.130	0.92	3	3	845	< 0.01	< 20	< 1	< 2	< 10	40	< 10	12	2	
390690	1.25	0.063	0.122	1.12	2	3	270	< 0.01	< 20	< 1	< 2	< 10	40	< 10	12	1	
390691	1.31	0.058	0.098	1.30	3	3	150	< 0.01	< 20	< 1	< 2	< 10	30	< 10	9	2	
390692	1.01	0.080	0.128	1.57	3	3	170	< 0.01	< 20	2	< 2	< 10	39	< 10	12	2	
390693	0.91	0.066	0.130	2.07	4	3	102	< 0.01	< 20	2	< 2	< 10	32	< 10	11	3	
390694	1.11	0.082	0.129	1.85	4	4	145	< 0.01	< 20	< 1	< 2	< 10	34	< 10	11	3	
390695	1.06	0.062	0.155	2.62	4	3	98	< 0.01	< 20	< 1	< 2	< 10	33	< 10	10	2	
390696	2.15	0.026	0.125	2.67	4	4	142	< 0.01	< 20	< 1	< 2	< 10	27	< 10	11	2	
390697	1.01	0.055	0.138	4.29	7	3	102	< 0.01	< 20	< 1	< 2	< 10	37	< 10	8	4	
390698	0.64	0.032	0.216	6.03	6	4	116	< 0.01	< 20	2	< 2	< 10	37	< 10	11	4	
390699	0.61	0.044	0.173	3.39	4	3	541	< 0.01	< 20	< 1	< 2	< 10	30	< 10	10	2	
390700	0.71	0.114	0.049	0.63	5	6	58	0.14	< 20	< 1	< 2	< 10	81	11	13	8	
390701	0.59	0.059	0.132	4.24	4	2	262	< 0.01	< 20	< 1	< 2	< 10	25	< 10	9	5	
390702	1.03	0.065	0.132	3.34	6	2	301	< 0.01	< 20	< 1	< 2	< 10	30	< 10	9	3	
390703	1.14	0.079	0.134	1.98	4	3	511	< 0.01	< 20	< 1	< 2	< 10	37	< 10	11	2	
390704	1.04	0.059	0.129	2.39	3	3	455	< 0.01	< 20	< 1	< 2	< 10	33	< 10	10	2	
390705	0.94	0.088	0.135	2.04	2	3	232	< 0.01	< 20	< 1	< 2	< 10	40	< 10	11	2	
390706	0.88	0.070	0.136	2.36	5	3	163	< 0.01	< 20	2	< 2	< 10	33	< 10	10	2	
390707	0.89	0.079	0.127	2.69	6	3	215	< 0.01	< 20	< 1	< 2	< 10	35	< 10	9	2	

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	0.03
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
390708	0.96	0.064	0.131	2.89	8	3	190	< 0.01	< 20	< 1	< 2	< 10	31	< 10	9	3	
390709	1.18	0.065	0.132	2.42	12	3	134	< 0.01	< 20	< 1	< 2	< 10	30	< 10	10	2	
390710	0.74	0.064	0.128	3.20	5	3	152	< 0.01	< 20	< 1	< 2	< 10	30	< 10	9	3	
390711	1.97	0.045	0.077	0.31	4	3	61	< 0.01	< 20	< 1	< 2	< 10	38	< 10	4	2	
390712	2.29	0.061	0.203	0.41	3	5	132	< 0.01	< 20	< 1	< 2	< 10	79	< 10	11	1	
390713	1.35	0.056	0.220	3.22	4	3	109	< 0.01	< 20	< 1	< 2	< 10	70	< 10	16	3	
390714	1.80	0.057	0.351	6.76	21	6	103	0.01	< 20	< 1	< 2	< 10	75	< 10	18	4	
390715	1.31	0.064	0.178	6.56	9	3	89	< 0.01	< 20	2	< 2	< 10	51	< 10	12	6	
390716	2.18	0.054	0.061	2.29	5	5	90	< 0.01	< 20	4	< 2	< 10	52	< 10	5	11	
390717	2.29	0.048	0.059	1.92	10	4	102	< 0.01	< 20	< 1	< 2	< 10	48	< 10	5	16	
390718	2.19	0.060	0.067	2.77	32	6	70	< 0.01	< 20	3	< 2	< 10	50	< 10	4	16	
390719	1.79	0.049	0.067	2.17	11	4	80	< 0.01	< 20	< 1	< 2	< 10	42	< 10	4	6	
390720	< 0.01	0.011	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390721	2.15	0.049	0.062	1.13	5	4	87	< 0.01	< 20	< 1	< 2	< 10	43	< 10	4	2	
390722	2.22	0.055	0.068	2.77	20	4	81	< 0.01	< 20	< 1	< 2	< 10	49	< 10	4	6	
390723	2.39	0.045	0.062	1.27	6	4	79	< 0.01	< 20	< 1	< 2	< 10	44	< 10	4	3	
390724	1.92	0.048	0.067	0.97	3	4	85	< 0.01	< 20	< 1	< 2	< 10	39	< 10	5	3	
390725	2.32	0.045	0.059	1.22	2	4	57	< 0.01	< 20	< 1	< 2	< 10	43	< 10	4	4	
390726	2.81	0.046	0.060	2.79	3	5	90	< 0.01	< 20	< 1	< 2	< 10	54	< 10	4	8	
390727	2.76	0.038	0.063	1.42	3	4	101	< 0.01	< 20	< 1	< 2	< 10	47	< 10	4	3	
390728	2.38	0.040	0.065	1.50	2	4	70	< 0.01	< 20	< 1	< 2	< 10	40	< 10	5	5	
390729	2.49	0.039	0.062	1.44	4	5	65	< 0.01	< 20	< 1	< 2	< 10	37	< 10	5	3	
390730	1.43	0.060	0.072	1.58	4	6	80	< 0.01	< 20	< 1	< 2	< 10	51	< 10	5	2	
390731	1.99	0.062	0.067	1.78	4	6	70	< 0.01	< 20	< 1	< 2	< 10	64	26	5	3	
390732	2.38	0.055	0.073	1.60	4	6	89	< 0.01	< 20	< 1	< 2	< 10	62	< 10	5	4	
390733	1.69	0.050	0.093	2.57	3	4	86	< 0.01	< 20	3	< 2	< 10	42	< 10	7	3	
390734	1.10	0.066	0.137	2.33	4	3	105	< 0.01	< 20	< 1	< 2	< 10	47	< 10	12	2	
390735	1.28	0.058	0.133	2.11	4	4	118	< 0.01	< 20	< 1	< 2	< 10	51	< 10	11	2	
390736	1.35	0.069	0.122	2.22	3	4	134	< 0.01	< 20	< 1	< 2	< 10	53	< 10	11	2	
390737	1.11	0.055	0.149	2.50	6	4	111	< 0.01	< 20	< 1	< 2	< 10	51	< 10	12	2	
390738	1.46	0.071	0.123	2.54	13	4	126	< 0.01	< 20	< 1	< 2	< 10	52	< 10	11	2	
390739	1.45	0.063	0.124	2.96	22	4	113	< 0.01	< 20	5	< 2	< 10	48	< 10	10	3	
390740	0.64	0.035	0.030	0.91	5	3	42	0.02	< 20	< 1	< 2	< 10	25	< 10	4	10	8.31
390741	1.30	0.063	0.130	2.41	9	3	96	< 0.01	< 20	5	< 2	< 10	41	< 10	11	2	
390742	1.15	0.058	0.134	2.33	5	3	103	< 0.01	< 20	1	< 2	< 10	43	< 10	10	2	
390743	1.05	0.054	0.124	2.97	5	3	118	< 0.01	< 20	3	< 2	< 10	34	< 10	10	3	
390744	1.72	0.032	0.081	2.30	4	4	154	< 0.01	< 20	4	< 2	< 10	51	< 10	7	3	
390745	1.88	0.049	0.210	3.14	4	6	189	0.02	< 20	< 1	< 2	< 10	88	< 10	12	3	
390746	1.97	0.047	0.325	2.90	5	7	206	0.02	< 20	3	< 2	< 10	119	< 10	17	4	
390747	1.63	0.051	0.157	2.78	5	5	136	0.01	< 20	1	< 2	< 10	75	< 10	9	3	
390748	1.13	0.040	0.073	2.03	4	4	114	< 0.01	< 20	< 1	< 2	< 10	41	< 10	6	6	
390749	1.15	0.047	0.082	1.93	3	4	597	< 0.01	< 20	3	< 2	< 10	38	< 10	5	3	
390750	1.39	0.042	0.168	2.43	4	3	1220	< 0.01	< 20	< 1	< 2	< 10	41	< 10	9	2	
390751	0.87	0.053	0.124	2.90	5	3	129	< 0.01	< 20	2	< 2	< 10	34	< 10	7	2	
390752	0.92	0.058	0.103	3.09	4	4	82	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	3	
390753	1.12	0.054	0.122	3.16	4	3	102	< 0.01	< 20	3	< 2	< 10	35	< 10	7	3	
390754	1.48	0.038	0.168	2.15	4	3	151	< 0.01	< 20	< 1	< 2	< 10	37	< 10	10	2	
390755	1.39	0.046	0.120	2.42	4	3	98	< 0.01	< 20	2	< 2	< 10	36	< 10	8	3	
390756	1.67	0.054	0.085	2.41	4	4	88	< 0.01	< 20	1	< 2	< 10	41	< 10	6	7	
390757	1.43	0.045	0.080	2.40	4	4	90	< 0.01	< 20	< 1	< 2	< 10	35	< 10	5	7	

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	0.03
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
390758	1.13	0.057	0.092	2.17	4	5	65	< 0.01	< 20	< 1	< 2	< 10	37	< 10	6	2	
390759	1.09	0.049	0.085	2.02	4	5	73	< 0.01	< 20	2	< 2	< 10	36	24	6	3	
390760	< 0.01	0.012	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
390761	0.95	0.044	0.088	2.42	5	5	68	< 0.01	< 20	3	< 2	< 10	39	43	5	6	
390762	0.79	0.044	0.086	3.06	5	4	59	< 0.01	< 20	1	< 2	< 10	39	65	5	10	
390763	1.05	0.038	0.081	3.66	6	4	63	< 0.01	< 20	3	< 2	< 10	42	26	5	17	
390764	0.75	0.039	0.080	3.00	4	4	79	< 0.01	< 20	2	< 2	< 10	32	24	5	8	
390765	0.61	0.034	0.083	3.55	5	4	54	< 0.01	< 20	5	< 2	< 10	29	26	5	14	
390766	0.84	0.036	0.079	3.30	5	4	70	< 0.01	< 20	< 1	< 2	< 10	36	< 10	6	7	
390767	0.82	0.037	0.149	3.43	6	5	74	< 0.01	< 20	9	< 2	< 10	41	22	6	3	
390768	0.72	0.043	0.112	3.61	4	5	66	< 0.01	< 20	4	< 2	< 10	36	< 10	6	3	
390769	0.57	0.039	0.083	4.09	4	4	90	< 0.01	< 20	< 1	< 2	< 10	32	< 10	6	4	
390770	0.51	0.042	0.212	3.99	6	5	79	< 0.01	< 20	1	< 2	< 10	53	38	13	3	
390771	1.33	0.044	0.196	3.31	5	4	128	< 0.01	< 20	2	< 2	< 10	58	< 10	11	3	
390772	1.21	0.043	0.178	4.22	5	5	136	< 0.01	< 20	2	< 2	< 10	54	< 10	10	3	
390773	1.05	0.038	0.184	3.72	6	5	108	< 0.01	< 20	< 1	< 2	< 10	60	> 200	12	2	
390774	0.97	0.047	0.192	4.01	5	5	124	< 0.01	< 20	< 1	< 2	< 10	61	23	11	3	
390775	0.76	0.044	0.181	4.46	6	5	99	< 0.01	< 20	4	< 2	< 10	53	29	10	3	
390776	0.72	0.068	0.126	3.49	4	3	74	< 0.01	< 20	2	< 2	< 10	32	< 10	6	3	
390777	1.34	0.042	0.235	4.06	6	7	132	< 0.01	< 20	< 1	< 2	< 10	57	11	10	2	
390778	1.59	0.055	0.191	3.67	5	5	169	< 0.01	< 20	< 1	< 2	< 10	66	< 10	10	2	
390779	2.34	0.052	0.085	2.78	3	4	102	< 0.01	< 20	< 1	< 2	< 10	54	< 10	4	4	
390780	0.71	0.039	0.033	0.99	5	3	45	0.02	< 20	< 1	< 2	< 10	27	< 10	4	10	7.55
390781	1.97	0.052	0.083	3.31	6	4	61	< 0.01	< 20	< 1	< 2	< 10	47	< 10	5	9	
390782	1.03	0.056	0.091	3.44	4	5	58	< 0.01	< 20	5	< 2	< 10	36	< 10	6	4	
390783	1.20	0.052	0.086	3.68	4	4	88	< 0.01	< 20	< 1	< 2	< 10	30	< 10	5	3	
390784	1.51	0.039	0.092	4.10	5	4	80	< 0.01	< 20	4	< 2	< 10	28	< 10	5	4	
390785	1.66	0.044	0.084	2.90	3	3	81	< 0.01	< 20	< 1	< 2	< 10	39	< 10	6	2	
390786	1.51	0.045	0.085	2.20	3	3	98	< 0.01	< 20	< 1	< 2	< 10	39	< 10	5	2	
390787	1.65	0.041	0.085	2.74	3	3	91	< 0.01	< 20	< 1	< 2	< 10	41	< 10	5	6	
390788	1.30	0.039	0.085	2.24	4	3	77	< 0.01	< 20	3	< 2	< 10	36	< 10	5	4	
390789	0.77	0.052	0.091	2.82	3	3	63	< 0.01	< 20	4	< 2	< 10	27	< 10	4	4	
390790	1.14	0.035	0.074	3.87	4	3	65	< 0.01	< 20	< 1	< 2	< 10	24	< 10	4	8	
390791	0.75	0.052	0.111	3.76	4	2	69	< 0.01	< 20	3	< 2	< 10	25	< 10	8	3	
390792	0.72	0.052	0.137	3.25	4	2	118	< 0.01	< 20	< 1	< 2	< 10	27	< 10	10	3	
390793	0.86	0.058	0.131	1.82	4	3	737	< 0.01	< 20	1	< 2	< 10	38	11	12	2	
390794	0.74	0.052	0.132	2.64	4	3	494	< 0.01	< 20	2	< 2	< 10	29	< 10	10	2	
390795	0.69	0.057	0.132	2.54	3	3	442	< 0.01	< 20	< 1	< 2	< 10	28	< 10	12	2	
390796	0.69	0.056	0.135	3.66	7	2	420	< 0.01	< 20	< 1	< 2	< 10	25	< 10	9	4	
390797	0.71	0.064	0.140	3.87	5	2	441	< 0.01	< 20	1	< 2	< 10	26	< 10	10	4	
390798	0.65	0.055	0.136	2.73	3	2	747	< 0.01	< 20	< 1	< 2	< 10	25	19	10	3	
390799	0.66	0.045	0.090	4.11	8	3	58	< 0.01	< 20	4	< 2	< 10	24	< 10	5	8	
390800	0.02	0.014	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	1	4	
390801	1.28	0.049	0.079	4.01	7	4	69	< 0.01	< 20	< 1	< 2	< 10	26	< 10	4	8	
390802	0.84	0.059	0.086	4.28	4	4	56	< 0.01	< 20	< 1	< 2	< 10	24	23	4	13	
390803	0.90	0.063	0.089	3.78	5	4	52	< 0.01	< 20	3	< 2	< 10	20	18	4	13	
390804	0.66	0.052	0.080	3.12	23	2	44	< 0.01	< 20	1	< 2	< 10	16	< 10	3	10	
390805	1.02	0.048	0.082	3.53	26	3	45	< 0.01	< 20	< 1	< 2	< 10	18	< 10	4	12	
390806	1.01	0.051	0.079	3.35	3	3	55	< 0.01	< 20	< 1	< 2	< 10	21	< 10	4	14	
390807	1.13	0.059	0.081	3.39	4	3	66	< 0.01	< 20	< 1	< 2	< 10	29	< 10	4	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	0.03
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
390808	1.33	0.056	0.082	4.56	3	3	56	< 0.01	< 20	< 1	< 2	< 10	34	< 10	3	13	
390809	1.42	0.048	0.077	3.48	2	3	50	< 0.01	< 20	< 1	< 2	< 10	32	< 10	3	7	
390810	1.60	0.051	0.075	3.09	5	3	51	< 0.01	< 20	< 1	< 2	< 10	36	< 10	4	13	
390811	1.86	0.047	0.091	3.50	27	4	49	< 0.01	< 20	< 1	< 2	< 10	41	< 10	4	11	
390812	1.53	0.052	0.072	3.46	3	4	58	< 0.01	< 20	< 1	< 2	< 10	32	< 10	4	15	
390813	1.50	0.054	0.072	2.87	3	4	44	< 0.01	< 20	< 1	< 2	< 10	34	< 10	5	7	
390814	1.14	0.052	0.073	3.27	2	4	59	< 0.01	< 20	< 1	< 2	< 10	33	< 10	3	10	
390815	0.91	0.053	0.083	2.72	4	3	56	< 0.01	< 20	1	< 2	< 10	22	< 10	4	7	
390816	1.17	0.055	0.078	3.06	4	4	49	< 0.01	< 20	< 1	< 2	< 10	24	< 10	4	12	
390817	1.30	0.046	0.070	2.98	2	2	40	< 0.01	< 20	< 1	< 2	< 10	15	< 10	4	10	
390818	1.49	0.052	0.082	3.55	2	3	47	< 0.01	< 20	< 1	< 2	< 10	21	< 10	4	6	
390819	1.80	0.035	0.073	3.25	2	4	51	< 0.01	< 20	< 1	< 2	< 10	16	< 10	4	13	
390820	0.72	0.115	0.050	0.65	6	6	58	0.14	< 20	< 1	< 2	< 10	79	11	13	8	
390821	1.84	0.050	0.149	2.90	4	4	53	< 0.01	< 20	< 1	< 2	< 10	46	< 10	11	3	
390822	1.91	0.056	0.160	3.43	5	3	45	< 0.01	< 20	< 1	< 2	< 10	57	< 10	11	3	
390823	1.54	0.042	0.095	2.42	3	3	33	< 0.01	< 20	< 1	< 2	< 10	35	< 10	5	3	
390824	1.33	0.039	0.091	2.33	4	3	40	< 0.01	< 20	< 1	< 2	< 10	35	< 10	5	3	
390825	1.86	0.038	0.084	3.21	4	3	32	< 0.01	< 20	< 1	< 2	< 10	39	< 10	5	8	
390826	2.46	0.047	0.084	4.57	5	4	35	< 0.01	< 20	< 1	< 2	< 10	59	< 10	5	27	
390827	2.24	0.045	0.082	4.22	4	4	40	< 0.01	< 20	3	< 2	< 10	59	< 10	4	22	
390828	1.48	0.033	0.096	4.08	3	3	46	< 0.01	< 20	< 1	< 2	< 10	42	< 10	5	8	
390829	1.58	0.036	0.141	3.01	4	3	52	< 0.01	< 20	< 1	< 2	< 10	48	< 10	9	3	
390830	2.31	0.040	0.081	3.11	4	4	32	< 0.01	< 20	< 1	< 2	< 10	58	< 10	4	10	
390831	1.86	0.042	0.074	1.98	3	4	46	< 0.01	< 20	3	< 2	< 10	48	< 10	6	4	
390832	2.59	0.046	0.068	1.76	3	4	45	< 0.01	< 20	1	< 2	< 10	59	< 10	4	5	
390833	2.84	0.068	0.061	1.76	3	5	43	< 0.01	< 20	< 1	< 2	< 10	69	< 10	5	7	
390834	2.79	0.041	0.062	2.11	3	5	51	< 0.01	< 20	< 1	< 2	< 10	61	< 10	5	9	
390835	1.91	0.042	0.097	2.33	3	4	52	< 0.01	< 20	1	< 2	< 10	53	< 10	7	2	
390836	2.21	0.049	0.099	2.38	3	5	41	< 0.01	< 20	< 1	< 2	< 10	69	< 10	5	3	
390837	2.74	0.060	0.063	2.28	4	5	46	< 0.01	< 20	< 1	< 2	< 10	65	< 10	5	18	
390838	1.97	0.055	0.066	3.05	3	3	61	< 0.01	< 20	< 1	< 2	< 10	42	< 10	4	19	
390839	1.60	0.059	0.063	2.57	2	3	47	< 0.01	< 20	1	< 2	< 10	43	< 10	4	10	
390840	< 0.01	0.010	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	2	
390841	1.67	0.064	0.062	2.71	3	4	35	< 0.01	< 20	3	< 2	< 10	46	< 10	5	12	
390842	3.27	0.059	0.062	1.15	4	6	22	< 0.01	< 20	4	< 2	< 10	72	< 10	5	6	
390843	3.15	0.058	0.063	3.31	3	5	21	< 0.01	< 20	2	< 2	< 10	66	< 10	4	22	
390844	2.49	0.066	0.060	3.49	3	4	21	< 0.01	< 20	3	< 2	< 10	58	< 10	5	23	
390845	2.76	0.080	0.060	0.85	2	6	33	< 0.01	< 20	< 1	< 2	< 10	73	< 10	6	3	
390846	2.96	0.055	0.052	1.48	2	5	34	0.01	< 20	< 1	< 2	< 10	63	< 10	5	10	
390847	2.72	0.062	0.058	1.75	3	5	36	0.02	< 20	< 1	< 2	< 10	62	< 10	6	10	
390848	2.92	0.056	0.059	1.29	3	6	23	< 0.01	< 20	< 1	< 2	< 10	60	< 10	5	6	
390849	2.26	0.053	0.061	0.63	6	5	33	< 0.01	< 20	1	< 2	< 10	58	< 10	3	3	
390850	2.88	0.077	0.069	0.99	6	6	25	< 0.01	< 20	< 1	< 2	< 10	74	< 10	3	4	
390851	2.66	0.086	0.064	2.53	3	6	27	< 0.01	< 20	2	< 2	< 10	65	< 10	5	21	
390852	2.45	0.098	0.095	2.39	3	7	32	< 0.01	< 20	< 1	< 2	< 10	85	< 10	7	4	
390853	2.20	0.118	0.168	1.47	4	5	45	< 0.01	< 20	< 1	< 2	< 10	104	< 10	9	3	
390854	1.98	0.084	0.111	1.44	3	5	52	< 0.01	< 20	2	< 2	< 10	68	< 10	8	3	
390855	2.49	0.053	0.058	0.95	4	5	57	< 0.01	< 20	< 1	< 2	< 10	62	< 10	6	6	
390856	2.52	0.046	0.052	2.23	4	4	40	< 0.01	< 20	4	< 2	< 10	52	< 10	4	19	
390857	2.14	0.043	0.052	2.40	3	3	56	< 0.01	< 20	< 1	< 2	< 10	40	< 10	5	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	0.03
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
390858	3.04	0.075	0.057	1.89	3	6	35	< 0.01	< 20	< 1	< 2	< 10	71	< 10	6	13	
390859	2.84	0.084	0.059	0.44	3	8	81	0.07	< 20	< 1	< 2	< 10	81	< 10	7	12	
390860	0.71	0.040	0.033	0.99	6	3	46	0.02	< 20	< 1	< 2	< 10	28	< 10	4	11	8.17
390861	3.18	0.101	0.064	1.63	3	11	61	0.21	< 20	< 1	< 2	< 10	105	< 10	7	27	
390862	3.40	0.091	0.060	1.37	3	12	91	0.22	< 20	< 1	< 2	< 10	106	< 10	7	25	
390863	3.62	0.084	0.059	1.67	4	12	85	0.21	< 20	< 1	< 2	< 10	105	< 10	8	23	
390864	3.27	0.081	0.058	1.80	5	12	104	0.21	< 20	2	< 2	< 10	98	< 10	7	22	
390865	3.59	0.083	0.057	0.98	4	12	169	0.22	< 20	< 1	< 2	< 10	102	< 10	7	20	
390866	3.29	0.076	0.057	2.24	5	10	93	0.21	< 20	3	< 2	< 10	88	< 10	7	20	
390867	3.53	0.079	0.059	0.50	5	9	224	0.23	< 20	3	< 2	< 10	96	< 10	7	16	
390868	3.19	0.089	0.057	1.61	5	7	169	0.22	< 20	< 1	< 2	< 10	88	< 10	6	18	
390869	2.77	0.091	0.055	0.49	5	7	229	0.24	< 20	2	< 2	< 10	86	< 10	7	16	
390870	3.23	0.089	0.058	1.09	4	9	150	0.25	< 20	< 1	< 2	< 10	96	< 10	7	19	
390871	3.65	0.079	0.066	1.83	4	13	87	0.25	< 20	< 1	< 2	< 10	110	< 10	8	25	
390872	5.57	0.053	0.104	1.01	4	14	55	0.17	< 20	< 1	< 2	< 10	193	< 10	12	2	
390873	4.82	0.051	0.194	1.89	5	15	75	0.36	< 20	< 1	< 2	< 10	182	< 10	12	20	
390874	4.48	0.069	0.121	0.28	4	11	141	0.23	< 20	< 1	< 2	< 10	165	< 10	12	2	
390875	4.28	0.084	0.121	0.30	5	10	205	0.24	< 20	1	< 2	< 10	158	< 10	12	2	
390876	3.81	0.095	0.103	0.51	5	8	281	0.21	< 20	< 1	< 2	< 10	142	< 10	12	2	
390877	3.08	0.093	0.102	3.48	4	9	155	0.23	< 20	5	< 2	< 10	135	< 10	12	5	
390878	3.52	0.084	0.094	1.35	5	11	179	0.18	< 20	< 1	< 2	< 10	155	< 10	13	2	
390879	3.90	0.073	0.129	2.27	5	14	95	0.24	< 20	< 1	< 2	< 10	165	< 10	12	3	
390880	0.01	0.013	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
390881	2.28	0.098	0.153	3.78	3	11	62	0.16	< 20	< 1	< 2	< 10	147	< 10	12	5	
390882	2.01	0.100	0.200	4.13	3	7	43	0.13	< 20	< 1	< 2	< 10	145	< 10	11	16	
390883	2.63	0.102	0.158	2.78	3	11	45	0.24	< 20	< 1	< 2	< 10	152	< 10	12	17	
390884	2.34	0.101	0.111	3.69	3	10	33	0.22	< 20	< 1	< 2	< 10	119	< 10	9	37	
390885	2.74	0.090	0.119	3.58	5	12	39	0.22	< 20	< 1	< 2	< 10	148	< 10	12	16	
390886	3.00	0.084	0.118	1.85	4	10	34	0.14	< 20	< 1	< 2	< 10	153	< 10	11	3	
390887	3.30	0.080	0.164	0.41	2	10	38	0.18	< 20	< 1	< 2	< 10	153	< 10	11	5	
390888	2.80	0.075	0.164	1.32	2	9	69	0.11	< 20	< 1	< 2	< 10	132	< 10	11	6	
390889	2.77	0.072	0.166	0.85	3	10	105	0.02	< 20	< 1	< 2	< 10	128	< 10	11	3	
390890	2.19	0.100	0.141	2.07	4	10	94	0.01	< 20	< 1	< 2	< 10	115	< 10	11	4	
390891	1.87	0.097	0.140	3.58	4	9	103	0.03	< 20	< 1	< 2	< 10	102	< 10	10	8	
390892	2.20	0.095	0.122	3.08	5	9	127	0.02	< 20	2	< 2	< 10	100	< 10	9	7	
390893	2.42	0.096	0.114	2.26	5	9	1580	0.02	< 20	< 1	< 2	< 10	104	< 10	8	5	
390894	1.84	0.085	0.098	2.48	6	9	172	0.02	< 20	< 1	< 2	< 10	81	34	8	10	
390895	1.56	0.088	0.093	2.73	7	9	149	0.02	< 20	2	< 2	< 10	81	32	7	18	
390896	1.63	0.075	0.204	3.03	6	9	171	0.02	< 20	2	< 2	< 10	105	68	11	3	
390897	1.86	0.085	0.159	2.01	8	9	192	0.01	< 20	< 1	< 2	< 10	84	27	11	3	
390898	2.05	0.054	0.092	1.89	6	8	192	0.01	< 20	2	< 2	< 10	51	25	6	17	
390899	0.97	0.043	0.076	3.92	6	6	263	< 0.01	< 20	2	< 2	< 10	28	23	4	26	
390900	0.81	0.132	0.066	0.56	4	6	61	0.15	< 20	< 1	< 2	< 10	75	22	10	10	
390901	0.93	0.049	0.155	3.63	6	5	142	< 0.01	< 20	< 1	< 2	< 10	51	< 10	9	11	
390902	1.20	0.044	0.156	3.30	6	5	276	< 0.01	< 20	1	< 2	< 10	47	< 10	9	6	
390903	1.08	0.051	0.160	3.17	6	5	284	< 0.01	< 20	< 1	< 2	< 10	44	< 10	10	5	
390904	0.99	0.047	0.145	5.08	4	5	299	< 0.01	< 20	3	< 2	< 10	38	< 10	10	10	
390905	0.65	0.048	0.071	1.76	3	1	110	< 0.01	< 20	3	< 2	< 10	9	< 10	4	9	
390906	0.42	0.047	0.061	1.38	4	1	76	< 0.01	< 20	3	< 2	< 10	8	< 10	3	8	
390907	1.28	0.042	0.056	0.99	21	3	98	< 0.01	< 20	2	< 2	< 10	21	< 10	4	8	

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	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	68	1000	< 1	23	101	121	6.63	219	< 10	1070	0.8	2	0.15	10	75	5.38	20	3	1.09
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
GXR-6 Meas			0.3	< 0.5	69	1010	< 1	26	103	123	6.61	220	< 10	1100	0.8	2	0.15	10	77	5.40	20	2	1.10
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
GXR-6 Meas			0.4	< 0.5	72	989	1	25	92	113	6.94	202	< 10	783	0.8	3	0.13	13	71	5.99	20	2	1.14
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
GXR-6 Meas			0.4	< 0.5	74	1020	< 1	26	94	117	6.90	202	< 10	796	0.8	3	0.13	14	74	5.87	20	3	1.14
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
GXR-6 Meas			0.4	< 0.5	71	1010	< 1	25	93	117	6.79	201	< 10	780	0.8	4	0.13	14	73	5.76	20	3	1.13
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
GXR-6 Meas			0.3	< 0.5	68	980	1	23	91	116	6.60	194	< 10	803	0.8	< 2	0.16	13	75	5.35	10	1	1.06
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
GXR-6 Meas			0.3	< 0.5	66	998	1	23	92	119	6.70	202	< 10	838	0.8	< 2	0.16	13	74	5.53	10	< 1	1.07
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
GXR-6 Meas			0.3	0.6	67	977	< 1	23	92	119	6.39	199	< 10	796	0.8	< 2	0.16	13	75	5.24	20	< 1	1.08
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
OREAS 98 (Aqua Regia) Meas			41.5		> 10000				281	1160						40		102					
OREAS 98 (Aqua Regia) Cert			42.8		147000				343	1300						93		111					
OREAS 98 (Aqua Regia) Meas			41.7		> 10000				296	1200						34		108					
OREAS 98 (Aqua Regia) Cert			42.8		147000				343	1300						93		111					
OREAS 922 (AQUA REGIA) Meas			0.9	< 0.5	2190	760	< 1	34	69	255	2.77	4		112	0.7	7	0.42	19	45	4.99	< 10		0.50
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
OREAS 922 (AQUA REGIA) Meas			0.9	< 0.5	2210	768	< 1	36	66	264	2.78	6		108	0.7	8	0.42	18	46	4.98	< 10		0.49
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
OREAS 922 (AQUA REGIA) Meas			3.4	< 0.5	2180	722	< 1	36	59	241	2.73	6		71	0.6	9	0.35	19	41	5.20	< 10		0.45
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
OREAS 922 (AQUA REGIA) Meas			0.8	< 0.5	2250	753	< 1	37	63	256	2.78	4		75	0.7	9	0.37	20	44	5.11	< 10		0.48
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
OREAS 922 (AQUA REGIA) Meas			0.9	< 0.5	2210	744	< 1	36	61	245	2.80	6		79	0.7	8	0.38	20	42	5.09	< 10		0.49
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
OREAS 922 (AQUA REGIA) Meas			0.8	< 0.5	2270	739	< 1	33	57	251	2.71	7		81	0.7	5	0.42	19	44	5.03	< 10		0.48

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	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 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
OREAS 922 (AQUA REGIA) Meas			0.9	< 0.5	2170	750	< 1	36	60	253	2.77	5		82	0.7	7	0.42	19	45	5.19	< 10		0.47
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
OREAS 922 (AQUA REGIA) Meas			0.8	< 0.5	2230	746	< 1	34	58	251	2.73	6		81	0.7	7	0.42	19	45	5.03	< 10		0.49
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
OREAS 923 (AQUA REGIA) Meas			1.6	< 0.5	4580	859	< 1	32	90	339	2.85	11		75	0.7	28	0.42	21	42	6.01	< 10		0.43
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
OREAS 923 (AQUA REGIA) Meas			2.8	< 0.5	4440	867	< 1	32	88	349	2.82	6		81	0.7	25	0.43	21	43	5.84	< 10		0.44
OREAS 923 (AQUA REGIA) Cert			1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322
OREAS 923 (AQUA REGIA) Meas			1.6	< 0.5	4360	829	< 1	35	81	326	2.81	8		58	0.6	24	0.37	23	38	6.04	< 10		0.40
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
OREAS 923 (AQUA REGIA) Meas			1.7	< 0.5	4530	854	< 1	35	84	328	2.85	8		56	0.6	29	0.38	23	40	6.07	< 10		0.41
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
OREAS 923 (AQUA REGIA) Meas			1.7	< 0.5	4370	854	< 1	34	84	326	2.82	6		63	0.6	21	0.38	22	40	5.97	< 10		0.42
OREAS 923 (AQUA REGIA) Cert			1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322
OREAS 923 (AQUA REGIA) Meas			1.5	< 0.5	4380	834	< 1	34	79	323	2.75	7		66	0.6	12	0.42	21	41	5.99	< 10		0.41
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
OREAS 923 (AQUA REGIA) Meas			1.6	< 0.5	4400	828	< 1	31	80	319	2.75	7		63	0.6	13	0.41	21	41	5.96	< 10		0.39
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
OREAS 923 (AQUA REGIA) Meas			1.6	< 0.5	4330	831	< 1	33	82	325	2.73	6		62	0.6	18	0.42	21	41	5.89	< 10		0.40
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

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	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 96 (Aqua Regia) Meas			11.4		> 10000				97	423						60		46					
Oreas 96 (Aqua Regia) Cert			11.50		39100.00				100	448						27.9		49.2					
Oreas 96 (Aqua Regia) Meas			11.7		> 10000				101	435						63		46					
Oreas 96 (Aqua Regia) Cert			11.50		39100.00				100	448						27.9		49.2					
Oreas 621 (Aqua Regia) Meas			72.3	305	3720	533	13	26	> 5000	> 10000	1.76	80			0.6	4	1.70	31	32	3.41	10	3	0.39
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
Oreas 621 (Aqua Regia) Meas			74.4	316	3840	555	13	26	> 5000	> 10000	1.78	83			0.6	7	1.73	34	31	3.44	10	3	0.40
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
Oreas 621 (Aqua Regia) Meas			67.2	290	3530	516	12	25	> 5000	> 10000	1.69	72			0.5	5	1.49	29	27	3.30	< 10	4	0.36
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
Oreas 621 (Aqua Regia) Meas			65.6	288	3450	522	11	25	> 5000	> 10000	1.63	74			0.5	3	1.51	31	27	3.13	< 10	4	0.36
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
Oreas 621 (Aqua Regia) Meas			67.7	295	3520	527	12	26	> 5000	> 10000	1.70	74			0.5	4	1.51	30	29	3.25	< 10	4	0.37
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
Oreas 621 (Aqua Regia) Meas			63.5	281	3550	506	10	24	> 5000	> 10000	1.68	73			0.5	< 2	1.63	29	27	3.41	< 10	3	0.36
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
Oreas 621 (Aqua Regia) Meas			66.3	281	3600	516	12	24	> 5000	> 10000	1.72	76			0.5	4	1.50	29	29	3.44	< 10	4	0.36
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
Oreas 621 (Aqua Regia) Meas			65.6	279	3630	508	12	24	> 5000	> 10000	1.68	74			0.5	2	1.49	29	31	3.34	< 10	4	0.37
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
OREAS 229b (Fire Assay) Meas		12.1																					
OREAS 229b (Fire Assay) Cert		11.9																					
OREAS 45f (Aqua Regia) Meas					350	167	< 1	228	4	27	7.13			176	1.0	3	0.07	32	335	13.7	20	< 1	0.11
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
OREAS 45f (Aqua Regia) Meas					353	170	< 1	231	14	27	7.14			178	1.0	3	0.07	32	341	13.7	20	2	0.11
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
OREAS 45f (Aqua Regia) Meas					340	160	1	225	9	28	6.89			143	1.0	< 2	0.07	39	338	13.9	20	< 1	0.10
OREAS 45f (Aqua Regia) Cert					336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	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					340	161	1	223	8	27	6.98			144	1.0	< 2	0.07	38	335	14.1	20	< 1	0.10
OREAS 45f (Aqua Regia) Cert					336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820
OREAS 45f (Aqua Regia) Meas					345	165	< 1	228	9	29	6.92			141	1.0	< 2	0.07	39	340	13.6	20	2	0.10
OREAS 45f (Aqua Regia) Cert					336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820
OREAS 238 (Fire Assay) Meas	3000																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3170																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3180																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3170																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3180																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	2970																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3050																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3080																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3110																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3120																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3140																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	500																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	529																						

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	525																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	526																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	526																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	514																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	496																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	506																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	504																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	502																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	520																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	516																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 297 (Fire Assay) Meas		17.4																					
OREAS 297 (Fire Assay) Cert		17.8																					
390566 Orig	16																						
390566 Dup	15																						
390570 Orig			< 0.2	< 0.5	21	687	< 1	88	10	47	0.85	10	< 10	25	< 0.5	< 2	2.23	20	40	3.44	< 10	< 1	0.32
390570 Dup			< 0.2	< 0.5	21	698	< 1	89	9	48	0.87	9	< 10	23	< 0.5	< 2	2.25	20	40	3.48	< 10	< 1	0.32
390576 Orig	195																						
390576 Dup	167																						
390581 Orig	68																						

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390581 Dup	67																						
390584 Orig			< 0.2	< 0.5	17	914	< 1	63	14	47	0.50	17	< 10	33	< 0.5	< 2	3.28	16	20	3.28	< 10	< 1	0.22
390584 Dup			0.2	< 0.5	17	927	< 1	62	13	46	0.51	19	< 10	33	< 0.5	< 2	3.31	16	20	3.39	< 10	< 1	0.22
390597 Orig			0.7	< 0.5	20	927	13	60	19	20	0.44	26	< 10	24	< 0.5	< 2	3.28	16	17	3.66	< 10	< 1	0.25
390597 Dup			0.6	< 0.5	19	923	12	60	19	19	0.42	24	< 10	27	< 0.5	< 2	3.39	15	16	3.61	< 10	< 1	0.24
390601 Orig	25																						
390601 Dup	27																						
390607 Orig	25		0.2	< 0.5	13	668	3	48	9	29	0.54	25	< 10	25	< 0.5	< 2	2.46	16	15	3.01	< 10	< 1	0.31
390607 Split PREP DUP	27		< 0.2	< 0.5	12	680	2	48	10	29	0.53	25	< 10	24	< 0.5	< 2	2.51	16	15	3.01	< 10	< 1	0.30
390610 Orig	23		0.2	< 0.5	11	475	< 1	48	17	22	0.51	50	16	18	< 0.5	< 2	1.97	16	17	3.23	< 10	< 1	0.28
390610 Dup	22		0.2	< 0.5	11	480	< 1	49	18	22	0.50	54	16	17	< 0.5	< 2	1.94	16	17	3.27	< 10	< 1	0.28
390614 Orig	14																						
390614 Dup	15																						
390633 Orig			< 0.2	< 0.5	38	1150	< 1	19	9	96	1.56	10	< 10	55	< 0.5	< 2	4.48	20	22	4.98	< 10	< 1	0.32
390633 Dup			< 0.2	< 0.5	38	1140	< 1	20	9	95	1.56	11	< 10	52	< 0.5	< 2	4.55	20	22	5.02	< 10	< 1	0.33
390635 Orig	13																						
390635 Dup	12																						
390645 Orig	10																						
390645 Dup	9																						
390647 Orig			< 0.2	< 0.5	49	785	2	41	17	37	0.77	17	10	< 10	0.6	< 2	2.34	20	9	3.86	< 10	< 1	0.44
390647 Dup			< 0.2	< 0.5	48	785	2	42	18	37	0.78	16	11	10	0.6	< 2	2.37	19	10	3.84	< 10	< 1	0.45
390649 Orig	19																						
390649 Dup	18																						
390657 Orig	10		< 0.2	< 0.5	77	766	2	12	30	88	1.46	12	< 10	12	< 0.5	< 2	2.57	14	15	3.85	< 10	< 1	0.22
390657 Split PREP DUP	11		< 0.2	< 0.5	66	778	2	12	28	86	1.43	11	< 10	11	< 0.5	< 2	2.60	14	15	3.86	< 10	< 1	0.20
390659 Orig			< 0.2	< 0.5	51	681	1	11	42	88	1.30	17	< 10	10	< 0.5	< 2	2.35	14	13	3.71	< 10	< 1	0.21
390659 Dup			< 0.2	< 0.5	51	696	2	11	43	90	1.36	18	< 10	13	< 0.5	< 2	2.40	15	13	3.87	< 10	< 1	0.21
390669 Orig	12																						
390669 Dup	11																						
390673 Orig			< 0.2	< 0.5	73	1210	1	16	21	76	1.46	19	< 10	17	0.9	< 2	2.39	23	12	4.98	< 10	< 1	0.47
390673 Dup			< 0.2	< 0.5	73	1210	1	16	21	77	1.47	20	< 10	14	0.9	< 2	2.51	23	12	4.99	< 10	< 1	0.47
390679 Orig	13																						
390679 Dup	13																						
390683 Orig	14																						
390683 Dup	14																						
390689 Orig			< 0.2	< 0.5	51	738	1	13	10	85	1.45	10	< 10	31	0.7	< 2	2.61	13	9	3.41	< 10	< 1	0.39
390689 Dup			< 0.2	< 0.5	52	744	1	12	11	83	1.51	12	< 10	33	0.7	< 2	2.64	13	9	3.48	< 10	< 1	0.42
390703 Orig			< 0.2	< 0.5	66	813	3	11	28	85	1.38	25	11	15	0.7	< 2	2.26	14	9	3.66	< 10	< 1	0.49
390703 Dup			< 0.2	< 0.5	65	803	3	12	28	84	1.38	24	11	14	0.7	< 2	2.26	14	9	3.65	< 10	< 1	0.50
390704 Orig	17																						
390704 Dup	16																						
390707 Orig	14		< 0.2	< 0.5	50	763	2	9	39	47	0.96	33	12	12	0.6	< 2	2.36	15	4	3.63	< 10	< 1	0.53
390707 Split PREP DUP	13		< 0.2	< 0.5	49	757	2	10	40	46	0.92	34	12	14	0.6	< 2	2.55	15	5	3.63	< 10	< 1	0.51
390713 Orig	550																						
390713 Dup	563																						
390715 Orig			1.9	0.6	110	888	6	29	33	220	1.14	35	< 10	< 10	0.5	< 2	2.56	22	40	6.91	< 10	< 1	0.30
390715 Dup			1.9	0.7	114	882	7	30	34	219	1.10	33	< 10	< 10	0.5	< 2	2.64	22	40	6.91	< 10	< 1	0.28
390717 Orig	132																						

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390717 Dup	131																						
390729 Orig			0.2	< 0.5	40	996	< 1	104	6	121	1.80	14	< 10	37	< 0.5	< 2	3.42	23	103	4.11	< 10	< 1	0.35
390729 Dup			0.3	< 0.5	40	1020	< 1	107	7	123	1.88	13	< 10	39	< 0.5	< 2	3.48	23	105	4.29	< 10	< 1	0.36
390738 Orig	377																						
390738 Dup	385																						
390748 Orig	119																						
390748 Dup	122																						
390752 Orig	114		0.2	< 0.5	58	767	< 1	42	9	27	0.73	23	11	23	< 0.5	< 2	2.17	15	38	3.92	< 10	< 1	0.44
390752 Dup	115		0.2	< 0.5	63	784	< 1	44	9	28	0.76	24	11	23	< 0.5	< 2	2.21	15	39	4.16	< 10	< 1	0.45
390757 Orig	193		0.3	< 0.5	55	727	6	73	6	36	1.38	25	< 10	17	< 0.5	< 2	2.91	22	68	4.02	< 10	< 1	0.45
390757 Split PREP DUP	210		0.3	< 0.5	56	700	6	71	6	34	1.31	24	< 10	16	< 0.5	< 2	2.70	21	65	3.78	< 10	< 1	0.44
390765 Orig			< 0.2	< 0.5	68	472	1	84	6	21	0.96	34	< 10	12	< 0.5	< 2	2.08	35	41	4.14	< 10	< 1	0.59
390765 Dup			0.2	< 0.5	70	472	1	82	6	21	0.98	33	10	11	< 0.5	< 2	2.01	35	43	4.11	< 10	< 1	0.60
390772 Orig	109																						
390772 Dup	107																						
390778 Orig			< 0.2	< 0.5	84	584	2	23	4	34	1.84	8	< 10	< 10	0.5	< 2	3.63	20	23	4.88	< 10	< 1	0.59
390778 Dup			< 0.2	< 0.5	85	592	2	22	4	34	1.78	10	< 10	12	0.5	< 2	3.00	20	23	4.85	< 10	< 1	0.55
390781 Orig	187																						
390781 Dup	212																						
390786 Orig	67																						
390786 Dup	66																						
390792 Orig			< 0.2	< 0.5	61	647	1	15	7	17	0.73	18	< 10	13	0.6	< 2	2.64	15	4	3.65	< 10	< 1	0.46
390792 Dup			< 0.2	< 0.5	62	656	1	12	7	18	0.73	17	< 10	15	0.6	< 2	2.45	15	5	3.74	< 10	< 1	0.46
390807 Orig	55		< 0.2	< 0.5	10	220	1	60	5	17	0.83	19	12	25	< 0.5	< 2	2.43	16	57	3.86	< 10	< 1	0.30
390807 Split PREP DUP	56		< 0.2	< 0.5	10	218	1	53	4	16	0.82	18	12	23	< 0.5	< 2	2.37	16	58	3.81	< 10	< 1	0.30
390807 Orig	54																						
390807 Dup	55																						
390807 Split PREP DUP			< 0.2	< 0.5	10	218	1	53	4	16	0.82	18	12	23	< 0.5	< 2	2.37	16	58	3.81	< 10	< 1	0.30
390816 Orig	24																						
390816 Dup	25																						
390819 Orig	121																						
390819 Dup	135																						
390821 Orig			< 0.2	< 0.5	72	1430	2	37	6	28	1.37	29	< 10	24	0.5	< 2	2.43	19	31	4.66	< 10	< 1	0.38
390821 Dup			< 0.2	< 0.5	73	1420	2	38	5	29	1.39	28	< 10	21	0.5	< 2	2.45	19	31	4.62	< 10	< 1	0.39
390826 Orig	46																						
390826 Dup	44																						
390834 Orig			0.3	< 0.5	11	570	< 1	102	2	36	2.54	6	< 10	35	< 0.5	< 2	2.23	28	125	4.66	< 10	< 1	0.36
390834 Dup			0.3	< 0.5	11	559	< 1	102	2	35	2.48	8	< 10	34	< 0.5	< 2	2.40	28	123	4.58	< 10	< 1	0.34
390841 Orig	46																						
390841 Dup	45																						
390848 Orig			< 0.2	< 0.5	45	698	1	129	< 2	45	2.80	9	10	49	< 0.5	< 2	1.64	35	152	4.67	< 10	< 1	0.49
390848 Dup			< 0.2	< 0.5	45	700	1	130	< 2	45	2.87	10	10	71	< 0.5	< 2	1.64	35	152	4.71	10	< 1	0.50
390851 Orig	137																						
390851 Dup	140																						
390855 Orig	66																						
390855 Dup	60																						
390857 Orig	68		< 0.2	< 0.5	28	550	5	111	4	47	2.16	6	16	28	< 0.5	< 2	2.38	28	116	4.41	< 10	< 1	0.43
390857 Split	58		< 0.2	< 0.5	29	555	5	112	4	49	2.23	9	18	38	< 0.5	< 2	2.65	28	119	4.42	< 10	< 1	0.48

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
PREP DUP																							
390870 Orig			< 0.2	< 0.5	55	776	2	123	< 2	79	2.55	14	< 10	42	< 0.5	< 2	1.83	25	191	4.28	10	< 1	0.19
390870 Dup			< 0.2	< 0.5	51	779	2	124	< 2	80	2.51	12	< 10	43	< 0.5	< 2	1.82	25	189	4.09	10	< 1	0.19
390875 Orig	11																						
390875 Dup	12																						
390884 Orig			0.2	< 0.5	42	670	4	88	5	32	1.60	23	< 10	11	< 0.5	< 2	1.87	28	185	5.53	< 10	< 1	0.09
390884 Dup			0.2	< 0.5	43	672	5	89	5	33	1.64	21	< 10	12	< 0.5	< 2	1.89	28	186	5.60	< 10	< 1	0.10
390885 Orig	36																						
390885 Dup	41																						
390889 Orig	22																						
390889 Dup	23																						
390897 Orig			< 0.2	< 0.5	411	678	3	69	4	29	1.95	25	13	39	0.5	< 2	2.86	23	64	4.24	< 10	< 1	0.80
390897 Dup			< 0.2	< 0.5	416	656	3	66	4	28	1.86	25	12	32	0.5	< 2	3.12	22	61	4.11	< 10	< 1	0.76
390904 Orig	212																						
390904 Dup	230																						
390907 Orig	195		0.5	< 0.5	610	550	1	41	10	25	0.75	32	17	52	< 0.5	< 2	2.54	14	81	2.51	< 10	< 1	0.29
390907 Split PREP DUP	156		0.4	< 0.5	590	527	1	40	10	24	0.70	28	16	57	< 0.5	< 2	2.43	15	78	2.40	< 10	< 1	0.27
Method Blank	< 5																						
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Method Blank	< 5																						
Method Blank		< 0.03																					
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
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
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
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
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
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
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
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
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

Analyte Symbol	Au	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K
Unit Symbol	ppb	g/tonne	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Lower Limit	5	0.03	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
Method Code	FA-AA	FA-GRA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank			< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01
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
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
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
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
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

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-6 Meas	< 10	0.39	0.132	0.034	0.01	5	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	13.9	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	10	0.40	0.135	0.034	0.01	< 2	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	13.9	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	< 10	0.39	0.132	0.033	0.01	4	16	30		< 20	< 1	3	< 10	160	< 10	4	6
GXR-6 Cert	13.9	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	< 10	0.39	0.138	0.033	0.01	3	17	31		< 20	< 1	< 2	< 10	165	< 10	4	6
GXR-6 Cert	13.9	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	< 10	0.38	0.133	0.033	0.01	4	17	30		< 20	< 1	< 2	< 10	163	< 10	4	6
GXR-6 Cert	13.9	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	11	0.39	0.074	0.033	0.01	4	20	34		< 20	< 1	< 2	< 10	169	< 10	6	8
GXR-6 Cert	13.9	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	11	0.40	0.074	0.034	0.01	4	22	35		< 20	< 1	< 2	< 10	165	< 10	6	8
GXR-6 Cert	13.9	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	11	0.38	0.073	0.033	0.01	3	22	32		< 20	< 1	< 2	< 10	167	< 10	6	7
GXR-6 Cert	13.9	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 98 (Aqua Regia) Meas						16											
OREAS 98 (Aqua Regia) Cert						15											
OREAS 98 (Aqua Regia) Meas						17											
OREAS 98 (Aqua Regia) Cert						15											
OREAS 922 (AQUA REGIA) Meas	39	1.34	0.032	0.063	0.36	3	3	17		< 20		< 2	< 10	33	< 10	21	15
OREAS 922 (AQUA REGIA) Cert	32.5	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	39	1.34	0.031	0.063	0.36	2	3	17		< 20		< 2	< 10	33	< 10	21	14
OREAS 922 (AQUA REGIA) Cert	32.5	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	35	1.26	0.027	0.061	0.35	< 2	3	16		< 20		< 2	< 10	33	< 10	18	16
OREAS 922 (AQUA REGIA) Cert	32.5	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	36	1.26	0.030	0.063	0.35	4	4	16		< 20		< 2	< 10	36	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	32.5	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	37	1.25	0.031	0.062	0.35	3	4	16		< 20		< 2	< 10	36	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	32.5	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	37	1.33	0.024	0.061	0.36	3	4	15		< 20		< 2	< 10	37	< 10	21	16
OREAS 922	32.5	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

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Cert																	
OREAS 922 (AQUA REGIA) Meas	37	1.37	0.024	0.063	0.37	3	4	16		< 20		< 2	< 10	37	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	32.5	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	39	1.34	0.024	0.062	0.36	3	4	15		< 20		< 2	< 10	37	< 10	20	13
OREAS 922 (AQUA REGIA) Cert	32.5	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	37	1.48		0.062	0.68	< 2	3	16		< 20		< 2	< 10	33	< 10	19	13
OREAS 923 (AQUA REGIA) Cert	30.0	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	37	1.46		0.060	0.66	< 2	3	15		< 20		< 2	< 10	33	< 10	20	14
OREAS 923 (AQUA REGIA) Cert	30.0	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	33	1.36		0.059	0.64	6	3	14		< 20		< 2	< 10	34	< 10	18	25
OREAS 923 (AQUA REGIA) Cert	30.0	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	34	1.37		0.061	0.66	2	4	15		< 20		< 2	< 10	35	< 10	18	26
OREAS 923 (AQUA REGIA) Cert	30.0	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	34	1.35		0.060	0.64	< 2	4	15		< 20		< 2	< 10	35	< 10	18	23
OREAS 923 (AQUA REGIA) Cert	30.0	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	35	1.47		0.060	0.66	3	4	14		< 20		< 2	< 10	36	< 10	18	25
OREAS 923 (AQUA REGIA) Cert	30.0	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	34	1.45		0.060	0.66	3	3	14		< 20		< 2	< 10	35	< 10	18	27
OREAS 923 (AQUA REGIA) Cert	30.0	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	35	1.44		0.060	0.65	3	4	14		< 20		< 2	< 10	36	< 10	18	25
OREAS 923 (AQUA REGIA) Cert	30.0	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

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas 96 (Aqua Regia) Meas					4.01	6											
Oreas 96 (Aqua Regia) Cert					4.38	4.53											
Oreas 96 (Aqua Regia) Meas					4.15	6											
Oreas 96 (Aqua Regia) Cert					4.38	4.53											
Oreas 621 (Aqua Regia) Meas	21	0.45	0.174	0.034	4.69	100	2	20		< 20		< 2	< 10	12	< 10	8	55
Oreas 621 (Aqua Regia) Cert	19.4	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	21	0.46	0.173	0.033	4.77	98	2	20		< 20		< 2	< 10	12	< 10	8	45
Oreas 621 (Aqua Regia) Cert	19.4	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	18	0.42	0.171	0.032	4.56	100	2	17		< 20		6	< 10	12	< 10	7	57
Oreas 621 (Aqua Regia) Cert	19.4	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	18	0.40	0.170	0.033	4.41	97	2	17		< 20		< 2	< 10	13	< 10	7	57
Oreas 621 (Aqua Regia) Cert	19.4	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	19	0.41	0.175	0.034	4.51	103	2	18		< 20		4	< 10	13	< 10	7	64
Oreas 621 (Aqua Regia) Cert	19.4	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	20	0.44	0.172	0.034	4.33	114	2	17		< 20		< 2	< 10	13	< 10	7	67
Oreas 621 (Aqua Regia) Cert	19.4	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	19	0.44	0.172	0.034	4.41	123	2	17		< 20		< 2	< 10	13	< 10	7	69
Oreas 621 (Aqua Regia) Cert	19.4	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	19	0.43	0.174	0.034	4.39	105	2	16		< 20		< 2	< 10	13	< 10	7	61
Oreas 621 (Aqua Regia) Cert	19.4	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																	
OREAS 229b (Fire Assay) Cert																	
OREAS 45f (Aqua Regia) Meas	11	0.18	0.045	0.021	0.02		23	15	0.13	< 20		< 2	< 10	184		5	17
OREAS 45f (Aqua Regia) Cert	10.7	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	11	0.18	0.046	0.021	0.02		23	15	0.12	< 20		< 2	< 10	184		5	14
OREAS 45f (Aqua Regia) Cert	10.7	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	11	0.18	0.038	0.020	0.02		29	15	0.09	< 20		< 2	< 10	203		6	14
OREAS 45f (Aqua Regia) Cert	10.7	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	12	0.18	0.037	0.020	0.02		29	16	0.09	< 20		< 2	< 10	203		6	14

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 45f (Aqua Regia) Cert	10.7	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	12	0.18	0.039	0.020	0.02		29	15	0.11	< 20		< 2	< 10	208		6	14
OREAS 45f (Aqua Regia) Cert	10.7	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
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OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
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Oreas E1336 (Fire Assay) Cert																	
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Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
OREAS 297 (Fire Assay) Meas																	
OREAS 297 (Fire Assay) Cert																	
390566 Orig																	
390566 Dup																	
390570 Orig	19	1.40	0.036	0.071	2.64	3	4	60	< 0.01	< 20	< 1	< 2	< 10	16	< 10	4	10
390570 Dup	19	1.41	0.035	0.071	2.69	3	4	59	< 0.01	< 20	2	< 2	< 10	17	< 10	4	8
390576 Orig																	
390576 Dup																	
390581 Orig																	
390581 Dup																	
390584 Orig	19	1.35	0.046	0.072	1.88	3	4	106	< 0.01	< 20	2	< 2	< 10	19	< 10	5	5

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390584 Dup	19	1.40	0.045	0.073	1.91	< 2	4	106	< 0.01	< 20	< 1	< 2	< 10	20	< 10	5	5
390597 Orig	17	1.77	0.038	0.080	2.83	3	3	108	< 0.01	< 20	< 1	< 2	< 10	21	< 10	5	3
390597 Dup	18	1.75	0.037	0.080	2.94	3	3	108	< 0.01	< 20	1	< 2	< 10	20	< 10	5	6
390601 Orig																	
390601 Dup																	
390607 Orig	17	1.05	0.038	0.083	2.52	2	3	81	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	4
390607 Split PREP DUP	16	1.07	0.040	0.083	2.54	2	3	84	< 0.01	< 20	4	< 2	< 10	16	< 10	5	4
390610 Orig	14	0.88	0.042	0.072	3.06	< 2	2	67	< 0.01	< 20	< 1	< 2	< 10	13	< 10	4	7
390610 Dup	13	0.89	0.045	0.074	3.04	3	2	67	< 0.01	< 20	1	< 2	< 10	13	< 10	5	5
390614 Orig																	
390614 Dup																	
390633 Orig	36	2.56	0.038	0.240	1.29	3	7	138	< 0.01	< 20	< 1	< 2	< 10	62	< 10	9	2
390633 Dup	37	2.56	0.040	0.240	1.36	3	8	142	< 0.01	< 20	< 1	< 2	< 10	62	< 10	9	2
390635 Orig																	
390635 Dup																	
390645 Orig																	
390645 Dup																	
390647 Orig	28	1.02	0.035	0.142	3.70	8	3	84	< 0.01	< 20	< 1	< 2	< 10	21	< 10	7	3
390647 Dup	27	1.02	0.036	0.142	3.72	8	3	86	< 0.01	< 20	1	< 2	< 10	21	< 10	7	3
390649 Orig																	
390649 Dup																	
390657 Orig	34	1.26	0.071	0.131	1.85	3	3	119	< 0.01	< 20	< 1	< 2	< 10	58	< 10	7	2
390657 Split PREP DUP	33	1.27	0.065	0.134	1.85	3	3	117	< 0.01	< 20	1	< 2	< 10	57	< 10	7	2
390659 Orig	33	1.08	0.067	0.126	1.91	3	3	130	< 0.01	< 20	< 1	< 2	< 10	53	< 10	8	2
390659 Dup	36	1.12	0.069	0.131	1.98	3	3	143	< 0.01	< 20	< 1	< 2	< 10	53	< 10	8	3
390669 Orig																	
390669 Dup																	
390673 Orig	36	1.33	0.041	0.233	3.46	4	3	76	< 0.01	< 20	< 1	< 2	< 10	48	< 10	11	2
390673 Dup	37	1.33	0.042	0.231	3.53	3	3	75	< 0.01	< 20	< 1	< 2	< 10	48	< 10	11	2
390679 Orig																	
390679 Dup																	
390683 Orig																	
390683 Dup																	
390689 Orig	47	0.96	0.078	0.128	0.92	2	3	831	< 0.01	< 20	3	< 2	< 10	39	< 10	12	2
390689 Dup	48	0.98	0.081	0.131	0.93	3	3	859	< 0.01	< 20	< 1	< 2	< 10	41	< 10	12	2
390703 Orig	40	1.14	0.080	0.134	1.99	4	3	507	< 0.01	< 20	< 1	< 2	< 10	37	< 10	11	2
390703 Dup	39	1.14	0.078	0.133	1.97	4	3	515	< 0.01	< 20	< 1	< 2	< 10	37	< 10	11	2
390704 Orig																	
390704 Dup																	
390707 Orig	25	0.89	0.079	0.127	2.69	6	3	215	< 0.01	< 20	< 1	< 2	< 10	35	< 10	9	2
390707 Split PREP DUP	29	0.88	0.077	0.129	2.89	6	3	234	< 0.01	< 20	3	< 2	< 10	34	< 10	9	3
390713 Orig																	
390713 Dup																	
390715 Orig	55	1.31	0.064	0.178	6.53	9	3	88	< 0.01	< 20	2	< 2	< 10	52	< 10	12	6
390715 Dup	55	1.31	0.063	0.179	6.58	9	3	89	< 0.01	< 20	2	< 2	< 10	51	< 10	12	6
390717 Orig																	
390717 Dup																	
390729 Orig	12	2.44	0.038	0.061	1.42	3	5	64	< 0.01	< 20	< 1	< 2	< 10	36	< 10	5	3
390729 Dup	12	2.55	0.040	0.062	1.46	4	5	66	< 0.01	< 20	< 1	< 2	< 10	37	< 10	5	3

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390738 Orig																	
390738 Dup																	
390748 Orig																	
390748 Dup																	
390752 Orig	16	0.89	0.056	0.100	3.03	4	4	79	< 0.01	< 20	3	< 2	< 10	34	< 10	6	3
390752 Dup	17	0.94	0.060	0.105	3.15	4	4	85	< 0.01	< 20	< 1	< 2	< 10	35	< 10	6	3
390757 Orig	14	1.43	0.045	0.080	2.40	4	4	90	< 0.01	< 20	< 1	< 2	< 10	35	< 10	5	7
390757 Split PREP DUP	14	1.33	0.042	0.076	2.12	4	4	90	< 0.01	< 20	1	< 2	< 10	34	< 10	5	5
390765 Orig	10	0.61	0.033	0.083	3.60	4	4	54	< 0.01	< 20	4	< 2	< 10	28	26	5	16
390765 Dup	10	0.61	0.034	0.082	3.49	5	4	53	< 0.01	< 20	5	< 2	< 10	29	25	5	13
390772 Orig																	
390772 Dup																	
390778 Orig	35	1.60	0.056	0.191	3.97	4	5	180	< 0.01	< 20	< 1	< 2	< 10	67	< 10	10	2
390778 Dup	27	1.58	0.055	0.190	3.37	5	4	159	< 0.01	< 20	4	< 2	< 10	65	< 10	10	3
390781 Orig																	
390781 Dup																	
390786 Orig																	
390786 Dup																	
390792 Orig	34	0.72	0.051	0.136	3.33	4	2	118	< 0.01	< 20	< 1	< 2	< 10	27	< 10	10	3
390792 Dup	33	0.73	0.053	0.138	3.17	4	2	119	< 0.01	< 20	< 1	< 2	< 10	27	< 10	10	3
390807 Orig	10	1.13	0.059	0.081	3.39	4	3	66	< 0.01	< 20	< 1	< 2	< 10	29	< 10	4	10
390807 Split PREP DUP	< 10	1.12	0.060	0.079	3.33	3	3	64	< 0.01	< 20	< 1	< 2	< 10	29	< 10	3	7
390807 Orig																	
390807 Dup																	
390807 Split PREP DUP	< 10	1.12	0.060	0.079	3.33	3	3	64	< 0.01	< 20	< 1	< 2	< 10	29	< 10	3	7
390816 Orig																	
390816 Dup																	
390819 Orig																	
390819 Dup																	
390821 Orig	38	1.84	0.050	0.150	2.88	3	4	53	< 0.01	< 20	3	< 2	< 10	45	< 10	11	3
390821 Dup	37	1.85	0.050	0.148	2.92	4	4	53	< 0.01	< 20	< 1	< 2	< 10	46	< 10	11	3
390826 Orig																	
390826 Dup																	
390834 Orig	< 10	2.80	0.042	0.061	2.03	3	5	50	< 0.01	< 20	< 1	< 2	< 10	62	< 10	5	5
390834 Dup	< 10	2.77	0.041	0.062	2.19	4	4	51	< 0.01	< 20	< 1	< 2	< 10	60	< 10	5	14
390841 Orig																	
390841 Dup																	
390848 Orig	13	2.91	0.055	0.059	1.28	3	6	23	< 0.01	< 20	< 1	< 2	< 10	60	< 10	5	5
390848 Dup	13	2.93	0.056	0.059	1.29	4	6	23	< 0.01	< 20	2	< 2	< 10	61	< 10	5	7
390851 Orig																	
390851 Dup																	
390855 Orig																	
390855 Dup																	
390857 Orig	< 10	2.14	0.043	0.052	2.40	3	3	56	< 0.01	< 20	< 1	< 2	< 10	40	< 10	5	10
390857 Split PREP DUP	< 10	2.16	0.048	0.052	2.62	3	3	59	< 0.01	< 20	< 1	< 2	< 10	42	< 10	5	22
390870 Orig	14	3.28	0.090	0.058	1.10	3	9	152	0.25	< 20	< 1	< 2	< 10	96	< 10	7	20
390870 Dup	13	3.19	0.088	0.058	1.08	4	9	149	0.24	< 20	< 1	< 2	< 10	96	< 10	7	19
390875 Orig																	

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390875 Dup																	
390884 Orig	27	2.33	0.099	0.110	3.68	3	10	33	0.22	< 20	< 1	< 2	< 10	118	< 10	9	36
390884 Dup	26	2.36	0.103	0.112	3.70	3	10	33	0.22	< 20	< 1	< 2	< 10	119	< 10	9	37
390885 Orig																	
390885 Dup																	
390889 Orig																	
390889 Dup																	
390897 Orig	19	1.90	0.086	0.160	1.86	8	9	190	0.01	< 20	< 1	< 2	< 10	85	28	11	3
390897 Dup	20	1.82	0.083	0.157	2.16	8	9	193	0.01	< 20	< 1	< 2	< 10	82	26	11	3
390904 Orig																	
390904 Dup																	
390907 Orig	14	1.28	0.042	0.056	0.99	21	3	98	< 0.01	< 20	2	< 2	< 10	21	< 10	4	8
390907 Split PREP DUP	13	1.22	0.038	0.055	0.98	20	3	94	< 0.01	< 20	1	< 2	< 10	20	< 10	3	8
Method Blank																	
Method Blank																	
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Method Blank																	
Method Blank	< 10	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Analyte Symbol	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 10	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 10	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.:	**A21-04701-1C**
Report Date:	**12-May-21**
Date Submitted:	**22-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

188 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1C-OES-Tbay	QOP PGE-OES (Fire Assay ICPOES)	2021-05-10 22:43:25

REPORT **A21-04701-1C**

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Notes:

SCC Accredited LAB
LAB Accrédité CCN TM
LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
390914	> 30000	< 5	7
390948	472	< 5	< 5
390957	740	< 5	< 5

Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
PK2 Meas	4890	6140	4950
PK2 Cert	4785	5918	4749
CDN-PGMS-27 Meas	4780	2040	1300
CDN-PGMS-27 Cert	4800	2000	1290.00
390948 Orig	467	< 5	< 5
390948 Dup	478	< 5	< 5
Method Blank	< 2	< 5	< 5

Quality Analysis ... *Innovative Technologies*

Report No.:	**A21-04701-1E3**
Report Date:	**03-May-21**
Date Submitted:	**22-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

188 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-04-19 14:03:44

REPORT **A21-04701-1E3**

Notes:

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

Footnote: Sample 393060 is insufficient

SCC Accredited LAB
LAB Accrédité CCN TM
LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
390908	0.3	< 0.5	40	1100	< 1	317	5	58	2.54	23	13	22	< 0.5	< 2	3.91	38	260	5.23	< 10	3	0.32	< 10	2.51
390909	0.3	< 0.5	33	1050	< 1	296	7	56	2.31	21	12	34	< 0.5	< 2	3.77	40	267	4.89	< 10	3	0.28	< 10	2.38
390910	1.5	< 0.5	51	909	15	268	7	54	1.98	22	15	< 10	< 0.5	< 2	2.92	41	221	4.91	< 10	6	0.38	< 10	1.79
390911	12.6	< 0.5	75	847	22	341	10	67	2.23	31	15	11	< 0.5	< 2	2.26	50	238	6.10	< 10	6	0.42	< 10	2.17
390912	1.8	< 0.5	67	699	13	318	11	73	2.41	34	17	17	< 0.5	< 2	1.43	43	223	5.61	< 10	3	0.47	< 10	2.07
390913	1.0	< 0.5	178	1020	2	247	5	81	2.86	28	14	34	< 0.5	< 2	2.26	32	219	5.36	< 10	2	0.38	10	2.63
390914	> 100	< 0.5	70	698	34	262	52	67	2.22	35	18	29	< 0.5	< 2	1.76	49	200	5.30	< 10	17	0.55	< 10	1.68
390915	2.0	< 0.5	95	1150	4	213	9	58	2.34	42	15	31	< 0.5	< 2	4.26	42	182	5.01	< 10	3	0.42	< 10	2.09
390916	1.2	< 0.5	144	927	5	231	8	63	2.22	29	21	32	< 0.5	< 2	3.48	36	162	4.63	< 10	4	0.42	< 10	1.92
390917	1.9	< 0.5	50	452	16	209	11	34	1.34	17	19	< 10	< 0.5	< 2	1.61	36	121	4.40	< 10	11	0.54	< 10	0.65
390918	1.8	< 0.5	206	931	8	250	7	59	2.41	33	15	10	< 0.5	< 2	3.41	31	247	5.12	< 10	3	0.45	< 10	2.37
390919	0.5	< 0.5	99	805	4	281	4	58	2.61	28	13	27	< 0.5	< 2	2.56	39	269	5.22	< 10	2	0.32	< 10	2.69
390920	< 0.2	< 0.5	1	51	< 1	1	2	4	0.07	< 2	11	33	< 0.5	< 2	0.01	< 1	6	0.39	< 10	< 1	0.01	< 10	0.01
390921	0.5	< 0.5	112	887	2	271	6	45	2.38	38	12	20	< 0.5	< 2	3.71	32	236	4.83	< 10	2	0.28	< 10	2.39
390922	0.5	< 0.5	50	820	< 1	288	4	50	2.54	33	12	22	< 0.5	< 2	3.23	39	253	5.35	< 10	4	0.26	< 10	2.69
390923	0.4	< 0.5	83	920	< 1	289	7	55	2.87	24	11	32	< 0.5	< 2	3.58	33	287	5.21	< 10	1	0.13	< 10	3.44
390924	0.4	< 0.5	61	846	2	254	3	49	2.49	30	12	23	< 0.5	< 2	3.05	38	280	4.85	< 10	2	0.15	< 10	2.85
390925	0.5	< 0.5	58	1040	4	306	6	56	2.49	38	10	20	< 0.5	3	4.14	37	327	4.93	< 10	2	0.12	< 10	3.02
390926	2.8	< 0.5	209	995	15	281	11	62	2.54	31	11	13	< 0.5	2	3.48	40	281	5.79	< 10	5	0.18	< 10	3.00
390927	1.0	< 0.5	144	908	27	281	13	61	2.43	25	20	< 10	< 0.5	< 2	3.44	39	269	5.39	< 10	2	0.27	< 10	2.77
390928	0.6	< 0.5	100	880	2	236	13	72	2.55	30	12	15	< 0.5	4	2.96	38	300	5.13	< 10	2	0.22	< 10	3.01
390929	0.3	< 0.5	25	851	4	234	11	69	2.59	23	11	< 10	< 0.5	< 2	3.13	35	282	4.79	< 10	2	0.27	11	2.92
390930	0.2	< 0.5	81	972	1	226	3	74	2.65	18	12	23	< 0.5	< 2	3.40	34	278	4.72	< 10	2	0.24	< 10	3.08
390931	0.2	< 0.5	47	939	< 1	208	6	67	2.48	19	12	40	< 0.5	< 2	3.41	29	249	4.18	< 10	3	0.27	13	2.77
390932	0.3	< 0.5	208	1030	2	210	7	65	2.48	26	11	18	< 0.5	< 2	3.67	28	247	4.58	< 10	2	0.19	13	2.95
390933	0.4	< 0.5	33	836	15	224	12	61	2.21	30	10	11	< 0.5	< 2	2.62	32	321	4.56	< 10	2	0.17	11	2.83
390934	0.3	< 0.5	33	992	10	255	9	61	2.56	30	10	26	< 0.5	< 2	3.16	33	335	5.26	10	1	0.16	13	3.25
390935	0.2	< 0.5	107	1080	< 1	210	6	62	2.63	27	11	20	< 0.5	< 2	3.41	32	267	4.93	10	1	0.15	16	3.27
390936	0.3	< 0.5	36	884	3	111	8	47	1.90	26	< 10	19	< 0.5	< 2	3.00	26	161	5.11	10	2	0.13	39	2.28
390937	0.4	< 0.5	78	1050	2	189	10	50	2.01	25	17	17	< 0.5	< 2	3.86	28	261	5.40	< 10	2	0.13	24	2.61
390938	0.4	< 0.5	119	1510	4	328	6	67	2.86	24	< 10	25	< 0.5	< 2	4.07	33	379	5.94	10	1	0.04	< 10	3.95
390939	0.7	< 0.5	24	1430	47	305	5	56	2.62	18	< 10	21	< 0.5	< 2	5.73	31	346	5.06	< 10	1	0.03	< 10	3.70
390940	1.0	0.6	597	523	30	33	79	101	1.62	18	15	73	< 0.5	< 2	1.25	15	48	3.33	< 10	< 1	0.28	< 10	0.74
390941	0.5	< 0.5	94	1110	2	341	16	58	2.65	14	< 10	26	< 0.5	< 2	3.50	35	392	5.19	10	1	0.02	< 10	3.68
390942	0.2	< 0.5	78	936	1	321	5	54	2.64	8	< 10	48	< 0.5	< 2	2.89	38	408	4.40	10	2	0.04	< 10	3.75
390943	0.2	< 0.5	27	834	1	267	5	47	2.30	15	11	34	< 0.5	< 2	2.80	32	379	3.79	< 10	1	0.08	< 10	3.55
390944	0.3	< 0.5	54	822	1	292	3	46	2.46	17	12	52	< 0.5	2	2.63	36	392	4.15	< 10	< 1	0.16	< 10	3.53
390945	0.6	< 0.5	46	685	6	324	6	54	2.69	95	< 10	< 10	< 0.5	3	1.52	41	498	5.57	< 10	< 1	0.09	< 10	4.32
390946	0.5	< 0.5	70	653	8	355	9	62	2.87	69	11	< 10	< 0.5	< 2	1.09	44	555	5.42	< 10	< 1	0.22	< 10	4.27
390947	0.5	< 0.5	8	1070	15	313	6	50	2.71	19	< 10	34	< 0.5	2	4.00	28	407	4.71	< 10	1	0.10	< 10	4.08
390948	0.4	< 0.5	28	1230	18	338	5	57	2.76	22	17	21	< 0.5	2	4.29	33	457	5.35	10	4	0.05	< 10	4.24
390949	0.4	< 0.5	84	1050	2	294	7	55	2.73	26	< 10	30	< 0.5	< 2	3.47	31	416	5.31	10	1	0.03	< 10	4.17
390950	0.2	< 0.5	70	931	1	300	7	55	2.79	16	< 10	38	< 0.5	< 2	2.67	31	442	4.54	10	< 1	0.04	< 10	4.33
390951	0.3	< 0.5	49	703	1	301	7	47	2.55	23	11	10	< 0.5	< 2	1.77	39	454	4.32	10	3	0.04	< 10	4.11
390952	0.3	< 0.5	44	642	< 1	279	9	40	2.11	27	11	< 10	< 0.5	< 2	2.06	35	447	3.67	< 10	1	0.08	< 10	3.36
390953	0.3	< 0.5	84	884	3	187	10	49	2.49	22	< 10	13	< 0.5	< 2	3.34	29	269	5.03	10	2	0.11	28	3.47
390954	0.3	< 0.5	89	727	2	14	11	32	1.68	17	12	24	0.5	< 2	3.57	17	19	4.46	10	2	0.37	67	1.45
390955	0.3	< 0.5	12	840	< 1	301	6	44	2.55	12	12	54	< 0.5	< 2	2.57	37	374	4.24	< 10	2	0.15	11	3.63
390956	0.2	< 0.5	64	693	< 1	280	9	34	2.32	9	13	34	< 0.5	< 2	2.13	36	326	3.33	< 10	1	0.16	< 10	3.33
390957	0.4	< 0.5	14	912	3	322	10	40	2.60	14	< 10	44	< 0.5	< 2	3.16	39	405	4.69	10	2	0.06	< 10	3.79
390958	0.4	< 0.5	232	786	1	254	8	43	2.53	14	21	15	< 0.5	< 2	2.75	33	338	4.61	10	1	0.14	18	3.22

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
390959	0.4	< 0.5	48	951	3	332	7	44	2.64	19	< 10	35	< 0.5	< 2	3.75	34	410	5.26	< 10	3	0.10	< 10	3.61
390960	< 0.2	< 0.5	< 1	44	< 1	1	2	3	0.05	< 2	11	< 10	< 0.5	< 2	< 0.01	< 1	6	0.33	< 10	< 1	< 0.01	< 10	0.01
390961	0.3	< 0.5	75	637	3	256	13	29	1.90	15	12	34	< 0.5	< 2	3.18	50	280	4.56	< 10	2	0.37	18	1.81
390962	0.4	< 0.5	49	637	4	183	12	28	1.75	14	11	20	< 0.5	< 2	2.84	55	244	4.75	< 10	1	0.28	22	1.84
390963	0.3	< 0.5	35	820	3	226	7	40	2.36	16	< 10	29	< 0.5	< 2	3.41	54	388	5.14	10	1	0.16	11	2.87
390964	0.2	< 0.5	96	1130	< 1	277	5	47	3.00	6	< 10	29	< 0.5	2	3.64	35	363	5.29	10	< 1	0.06	< 10	4.20
390965	0.2	< 0.5	40	1320	< 1	271	4	48	2.77	5	< 10	40	< 0.5	< 2	5.83	29	283	4.98	< 10	1	0.24	< 10	2.89
390966	0.2	< 0.5	56	1420	< 1	231	5	34	2.60	7	16	42	0.5	< 2	6.30	29	208	4.54	< 10	2	0.69	< 10	2.01
390967	0.9	< 0.5	85	1090	1	277	7	42	2.70	16	23	22	0.7	< 2	5.03	40	224	4.95	< 10	2	0.88	< 10	2.10
390968	< 0.2	< 0.5	31	1210	2	217	5	40	2.16	11	25	47	0.7	< 2	4.99	34	185	4.26	< 10	2	0.89	< 10	1.67
390969	< 0.2	< 0.5	65	1180	< 1	208	5	51	2.43	6	36	51	0.8	< 2	4.72	31	212	4.38	< 10	< 1	0.98	< 10	1.94
390970	< 0.2	< 0.5	85	727	1	230	4	46	2.79	7	33	52	1.0	< 2	2.72	41	243	3.77	< 10	< 1	1.24	< 10	1.31
390971	0.4	< 0.5	67	943	2	178	5	32	1.94	13	23	38	0.8	< 2	3.48	42	179	4.15	< 10	1	0.82	< 10	1.20
390972	< 0.2	< 0.5	44	964	1	327	< 2	39	3.14	5	11	42	< 0.5	2	3.72	37	365	5.16	< 10	< 1	0.37	< 10	3.66
390973	< 0.2	< 0.5	45	745	2	103	< 2	40	1.88	6	10	53	< 0.5	< 2	3.18	21	124	3.77	< 10	2	0.20	26	1.94
390974	< 0.2	< 0.5	47	729	1	13	3	43	1.50	3	11	66	0.5	< 2	3.01	14	18	3.62	< 10	2	0.24	44	1.16
390975	< 0.2	< 0.5	109	1000	1	14	5	40	1.52	5	15	17	0.8	< 2	4.39	17	14	4.37	< 10	2	0.53	51	1.32
390976	< 0.2	< 0.5	78	786	1	14	4	40	1.70	4	19	76	0.7	< 2	3.22	12	16	3.50	< 10	1	0.76	51	0.89
390977	< 0.2	< 0.5	55	987	3	10	4	31	0.90	5	13	19	< 0.5	< 2	3.89	13	7	3.33	< 10	< 1	0.34	36	1.02
390978	< 0.2	< 0.5	54	913	4	8	5	23	0.77	10	14	13	0.5	< 2	3.61	16	7	3.03	< 10	< 1	0.38	39	0.78
390979	0.5	< 0.5	63	800	3	11	7	22	0.56	20	12	< 10	< 0.5	< 2	3.54	15	7	3.38	< 10	< 1	0.29	28	0.84
390980	0.8	0.7	390	763	392	29	53	142	1.66	25	15	86	< 0.5	< 2	1.31	9	43	3.60	< 10	< 1	0.29	11	0.70
390981	1.2	< 0.5	108	704	9	51	9	17	0.42	30	13	< 10	< 0.5	4	2.94	21	30	3.90	< 10	< 1	0.27	16	1.06
390982	0.5	< 0.5	43	768	4	104	7	16	0.56	23	17	< 10	< 0.5	4	3.32	27	62	4.29	< 10	1	0.37	< 10	1.20
390983	0.5	< 0.5	28	626	1	94	3	15	0.74	14	20	21	< 0.5	< 2	2.40	29	77	2.84	< 10	< 1	0.49	< 10	0.83
390984	0.2	< 0.5	42	635	2	157	8	15	1.02	15	24	16	0.7	< 2	2.35	45	104	3.99	< 10	2	0.64	< 10	0.72
390985	0.8	< 0.5	68	834	8	147	10	17	1.05	17	23	22	0.7	< 2	2.49	38	87	4.35	< 10	< 1	0.65	< 10	0.91
390986	0.2	< 0.5	67	1180	1	214	4	32	1.59	6	17	28	0.5	< 2	3.29	32	155	3.83	< 10	1	0.51	< 10	1.65
390987	0.3	< 0.5	48	1100	2	225	4	27	1.72	5	11	12	< 0.5	< 2	4.38	34	217	4.37	< 10	2	0.28	< 10	2.32
390988	0.2	< 0.5	45	1300	1	170	7	26	0.82	14	25	37	< 0.5	< 2	4.55	38	106	4.43	< 10	2	0.39	< 10	2.06
390989	0.2	< 0.5	32	1350	1	149	8	22	0.45	21	15	29	< 0.5	< 2	4.69	33	72	4.44	< 10	2	0.28	< 10	2.00
390990	0.3	< 0.5	31	1380	1	193	7	33	0.70	18	14	16	< 0.5	< 2	4.88	35	87	5.44	< 10	2	0.36	< 10	2.20
390991	0.5	< 0.5	57	832	2	188	11	18	0.69	16	19	19	< 0.5	< 2	3.11	45	80	5.18	< 10	1	0.45	< 10	1.25
390992	0.7	< 0.5	53	1280	1	250	11	19	0.58	14	14	16	< 0.5	2	4.15	43	78	5.67	< 10	2	0.38	< 10	2.01
390993	0.3	< 0.5	50	1200	2	195	7	27	0.82	13	17	20	< 0.5	< 2	3.91	36	96	4.96	< 10	1	0.35	11	1.84
390994	0.3	< 0.5	71	1240	1	276	7	38	1.29	9	14	14	< 0.5	2	3.06	39	170	6.79	< 10	2	0.35	< 10	2.16
390995	0.2	< 0.5	62	1630	< 1	295	3	51	2.28	5	11	19	< 0.5	2	3.59	35	220	6.07	< 10	1	0.31	< 10	3.17
390996	0.3	< 0.5	45	1770	< 1	330	2	57	3.11	7	< 10	12	< 0.5	3	4.01	35	326	7.20	< 10	< 1	0.11	< 10	4.39
390997	0.4	< 0.5	157	1370	< 1	256	< 2	58	2.85	6	< 10	11	< 0.5	3	3.52	34	310	6.77	< 10	2	0.12	< 10	4.18
390998	0.5	< 0.5	59	1150	< 1	121	5	45	2.01	8	10	18	< 0.5	< 2	3.58	27	268	5.24	< 10	2	0.13	12	2.72
390999	0.8	< 0.5	77	1180	1	211	11	50	2.16	10	< 10	15	< 0.5	3	2.59	33	390	5.61	< 10	1	0.08	< 10	2.92
391000	< 0.2	< 0.5	< 1	22	< 1	< 1	< 2	< 2	0.05	< 2	15	< 10	< 0.5	< 2	< 0.01	< 1	2	0.18	< 10	< 1	< 0.01	< 10	< 0.01
393001	0.2	< 0.5	56	1130	< 1	230	5	49	2.46	10	< 10	31	< 0.5	< 2	2.78	29	393	5.20	< 10	2	0.06	< 10	3.47
393002	0.3	< 0.5	44	1050	1	175	5	42	2.26	7	10	30	< 0.5	< 2	3.13	26	366	4.80	< 10	2	0.11	< 10	3.15
393003	0.4	< 0.5	21	998	1	240	6	48	2.06	9	11	30	< 0.5	< 2	2.34	34	363	4.55	< 10	1	0.08	< 10	3.44
393004	0.6	< 0.5	79	765	1	185	14	36	1.60	12	< 10	< 10	< 0.5	< 2	2.06	37	300	4.24	< 10	1	0.09	13	2.48
393005	0.6	< 0.5	67	983	1	237	9	44	2.00	13	< 10	15	< 0.5	< 2	2.62	31	444	5.45	< 10	1	0.05	< 10	3.04
393006	0.3	< 0.5	52	837	1	192	5	34	1.99	8	< 10	25	< 0.5	3	2.51	30	302	4.48	< 10	2	0.09	10	2.78
393007	0.4	< 0.5	54	703	1	171	8	32	1.68	10	< 10	16	< 0.5	3	2.56	29	260	3.96	< 10	< 1	0.05	11	2.45
393008	0.4	< 0.5	54	647	1	181	8	28	1.68	9	11	27	< 0.5	3	2.08	31	283	4.15	< 10	1	0.08	11	2.37
393009	< 0.2	< 0.5	37	843	< 1	217	4	33	1.97	9	12	18	< 0.5	< 2	2.16	32	347	4.10	< 10	1	0.08	< 10	2.87

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
393010	0.2	< 0.5	45	729	2	187	7	34	1.82	11	22	28	< 0.5	< 2	1.69	30	283	4.24	< 10	2	0.09	11	2.66
393011	0.2	< 0.5	43	633	< 1	114	4	32	1.63	9	13	40	< 0.5	< 2	2.22	22	169	3.40	< 10	< 1	0.12	13	2.14
393012	0.3	< 0.5	58	667	< 1	111	7	34	1.66	10	13	25	< 0.5	< 2	2.38	22	182	3.18	< 10	< 1	0.11	13	2.19
393013	< 0.2	< 0.5	15	496	< 1	94	< 2	30	1.85	8	11	36	< 0.5	< 2	1.42	20	156	3.49	< 10	< 1	0.10	14	2.47
393014	0.2	< 0.5	28	522	2	96	2	30	2.05	9	12	27	< 0.5	< 2	1.40	21	146	3.62	< 10	2	0.15	13	2.63
393015	0.3	< 0.5	20	641	3	97	< 2	31	1.89	12	12	25	< 0.5	< 2	2.11	20	155	3.78	< 10	2	0.12	14	2.57
393016	0.4	< 0.5	85	646	3	58	7	30	1.47	13	12	40	0.5	< 2	2.38	17	93	3.49	< 10	< 1	0.15	40	1.68
393017	0.4	< 0.5	62	636	3	7	6	26	1.21	18	14	32	0.7	< 2	2.40	10	8	3.28	< 10	< 1	0.18	75	0.95
393018	0.2	< 0.5	37	415	4	8	10	14	0.85	15	15	31	0.6	< 2	2.42	11	9	3.04	< 10	< 1	0.29	49	0.58
393019	0.4	< 0.5	50	566	5	25	6	24	1.18	16	13	21	0.5	< 2	2.59	17	37	3.50	< 10	< 1	0.18	45	1.21
393020	1.2	0.5	633	511	28	34	81	104	1.71	19	28	130	< 0.5	< 2	1.17	14	47	3.52	< 10	1	0.28	< 10	0.81
393021	< 0.2	< 0.5	93	424	3	89	3	22	1.39	9	14	21	< 0.5	< 2	2.36	18	125	2.94	< 10	< 1	0.21	10	1.67
393022	0.2	< 0.5	23	424	< 1	80	2	22	1.49	9	14	24	< 0.5	< 2	2.22	26	124	3.32	< 10	< 1	0.27	12	1.77
393023	0.4	< 0.5	77	795	< 1	137	4	32	1.65	10	< 10	28	< 0.5	3	3.64	27	296	3.97	< 10	2	0.12	11	2.10
393024	0.4	< 0.5	55	894	1	155	8	29	1.62	10	< 10	25	< 0.5	3	3.63	32	321	4.33	< 10	2	0.09	11	2.34
393025	0.3	< 0.5	82	892	< 1	191	3	31	1.79	14	11	19	< 0.5	3	3.19	37	301	5.28	< 10	2	0.11	< 10	2.57
393026	< 0.2	< 0.5	47	949	2	193	4	34	2.13	13	< 10	14	< 0.5	4	3.50	34	258	5.90	< 10	2	0.10	< 10	3.09
393027	0.3	< 0.5	55	983	1	213	6	31	1.88	17	< 10	19	< 0.5	3	3.74	37	371	5.68	< 10	2	0.07	12	2.80
393028	0.5	< 0.5	86	921	2	218	3	36	2.03	19	< 10	24	< 0.5	5	3.76	38	336	5.81	< 10	1	0.07	16	3.16
393029	0.2	< 0.5	51	964	2	173	4	30	1.90	17	< 10	29	< 0.5	3	3.84	31	350	4.99	< 10	< 1	0.08	11	2.83
393030	0.3	< 0.5	50	987	1	217	6	35	2.42	18	< 10	19	< 0.5	5	3.72	37	375	5.29	< 10	1	0.07	< 10	3.84
393031	0.4	< 0.5	70	515	6	131	6	30	1.41	22	22	18	0.6	6	2.09	30	192	4.56	< 10	2	0.29	10	1.50
393032	0.4	< 0.5	77	716	1	159	6	34	1.92	14	11	18	0.6	3	3.16	33	279	5.33	< 10	1	0.17	< 10	2.36
393033	0.3	< 0.5	89	859	2	146	7	36	1.72	12	< 10	27	0.8	3	3.82	35	269	5.10	< 10	1	0.23	11	1.81
393034	0.4	< 0.5	129	831	2	58	3	39	1.94	18	< 10	14	1.2	2	3.65	34	60	6.28	10	1	0.19	29	2.22
393035	0.3	< 0.5	65	702	2	119	< 2	28	1.57	12	< 10	22	0.6	3	3.02	30	201	4.62	< 10	< 1	0.26	< 10	1.74
393036	1.1	< 0.5	50	921	2	162	7	31	2.29	11	< 10	17	< 0.5	2	4.25	35	301	5.39	< 10	2	0.09	< 10	3.05
393037	0.3	< 0.5	40	771	2	133	2	25	2.03	9	< 10	20	< 0.5	4	3.73	33	202	5.04	< 10	1	0.26	< 10	2.42
393038	0.4	< 0.5	83	1020	5	114	2	32	1.70	24	< 10	16	0.5	5	3.93	33	154	5.78	< 10	1	0.39	11	2.01
393039	0.3	< 0.5	85	1070	1	139	< 2	41	2.05	26	< 10	17	0.5	3	5.10	35	299	5.90	< 10	2	0.29	< 10	2.26
393040	< 0.2	< 0.5	1	29	< 1	< 1	< 2	3	0.06	< 2	< 10	13	< 0.5	< 2	0.02	< 1	4	0.26	< 10	< 1	< 0.01	< 10	< 0.01
393041	0.4	< 0.5	85	1170	2	109	< 2	43	1.97	18	< 10	19	0.5	3	5.18	34	242	5.53	< 10	2	0.24	< 10	2.01
393042	< 0.2	< 0.5	75	1060	< 1	72	< 2	42	1.85	7	< 10	29	< 0.5	< 2	4.90	28	215	5.11	< 10	2	0.11	< 10	2.00
393043	0.3	< 0.5	126	1190	2	86	< 2	62	2.54	5	< 10	27	< 0.5	2	4.46	32	210	6.21	< 10	< 1	0.06	< 10	3.24
393044	0.2	< 0.5	107	1130	2	84	< 2	60	2.72	5	< 10	37	< 0.5	2	3.99	29	238	6.44	< 10	1	0.12	< 10	3.46
393045	< 0.2	< 0.5	75	1040	2	77	< 2	43	2.01	7	< 10	45	< 0.5	3	4.24	28	233	4.82	< 10	< 1	0.09	< 10	2.33
393046	0.5	< 0.5	100	856	4	103	2	48	2.00	33	< 10	17	0.5	7	3.44	33	229	6.24	< 10	2	0.16	< 10	2.37
393047	< 0.2	< 0.5	102	1120	1	97	< 2	52	2.72	9	< 10	31	< 0.5	2	4.41	32	240	6.23	< 10	3	0.08	< 10	3.39
393048	< 0.2	< 0.5	86	1040	2	88	< 2	50	2.85	9	< 10	113	< 0.5	< 2	3.81	32	215	6.19	< 10	2	0.17	12	3.47
393049	0.3	< 0.5	78	953	12	76	< 2	46	2.47	18	< 10	19	< 0.5	4	3.86	28	189	6.08	< 10	2	0.10	< 10	2.99
393050	< 0.2	< 0.5	89	933	3	97	< 2	44	3.10	13	< 10	16	0.5	3	3.83	31	235	6.73	< 10	2	0.26	< 10	3.49
393051	< 0.2	< 0.5	63	924	5	101	< 2	40	2.38	22	< 10	16	< 0.5	2	3.93	35	222	5.83	< 10	2	0.27	< 10	2.65
393052	< 0.2	< 0.5	96	863	10	96	3	33	1.99	25	< 10	14	< 0.5	3	4.19	36	197	5.85	< 10	2	0.20	< 10	2.23
393053	0.3	< 0.5	88	996	5	83	5	39	2.34	20	< 10	18	0.5	3	4.08	31	183	5.71	< 10	2	0.19	16	2.66
393054	< 0.2	< 0.5	95	1610	2	113	2	55	3.07	16	< 10	16	0.6	< 2	3.63	30	327	6.50	10	1	0.05	< 10	3.77
393055	0.3	< 0.5	136	2720	3	122	< 2	57	3.76	10	< 10	34	0.5	2	4.54	32	324	8.85	10	2	0.06	14	4.64
393056	< 0.2	< 0.5	130	2140	3	118	< 2	57	3.93	7	< 10	81	< 0.5	2	2.78	33	358	8.42	10	1	0.05	< 10	4.67
393057	0.3	< 0.5	138	1540	3	110	< 2	49	3.25	11	< 10	12	< 0.5	3	2.22	34	323	8.37	10	< 1	0.05	14	3.99
393058	0.5	< 0.5	61	1070	7	24	12	24	1.25	17	< 10	16	< 0.5	< 2	2.63	26	25	5.38	< 10	1	0.09	58	1.57
393059	< 0.2	< 0.5	38	1060	4	30	4	33	1.65	18	< 10	21	0.6	< 2	2.02	24	66	5.53	10	2	0.09	43	2.05
393061	0.2	< 0.5	147	2050	2	89	< 2	50	3.30	9	< 10	23	< 0.5	2	3.08	32	301	8.07	10	4	0.08	13	3.70

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
393062	< 0.2	< 0.5	155	2120	2	68	< 2	44	2.72	10	< 10	14	< 0.5	< 2	4.72	27	199	6.86	< 10	1	0.09	17	3.04
393063	0.4	< 0.5	52	935	3	68	8	35	1.46	29	< 10	< 10	< 0.5	3	3.91	26	186	5.60	< 10	2	0.08	10	1.87
393064	0.3	< 0.5	99	1150	2	60	< 2	40	2.00	12	< 10	56	< 0.5	< 2	4.85	24	174	5.71	< 10	< 1	0.07	< 10	2.02
393065	0.3	< 0.5	100	929	1	43	< 2	38	2.12	13	< 10	48	< 0.5	< 2	3.14	26	118	5.45	< 10	1	0.15	10	2.17
393066	0.3	< 0.5	93	846	< 1	37	2	34	1.91	13	< 10	92	< 0.5	< 2	3.93	24	94	5.12	< 10	2	0.28	11	1.60
393067	0.3	< 0.5	98	888	< 1	38	< 2	51	2.26	9	< 10	117	< 0.5	< 2	3.55	27	109	5.74	< 10	3	0.27	12	1.77
393068	0.3	< 0.5	87	561	< 1	39	3	29	1.85	19	< 10	22	< 0.5	2	2.03	27	113	4.49	< 10	< 1	0.18	12	1.71
393069	0.4	< 0.5	136	441	< 1	36	3	23	1.56	20	< 10	25	< 0.5	< 2	1.75	30	103	4.19	< 10	1	0.22	11	1.35
393070	0.3	< 0.5	104	695	1	44	< 2	39	1.94	22	< 10	28	< 0.5	< 2	2.37	28	116	5.13	< 10	2	0.29	12	1.76
393071	0.4	< 0.5	105	551	2	42	3	31	1.70	27	< 10	27	< 0.5	< 2	2.00	27	127	4.59	< 10	< 1	0.18	12	1.83
393072	0.3	< 0.5	85	590	< 1	41	4	32	1.86	26	< 10	29	< 0.5	3	1.93	28	131	4.92	< 10	3	0.18	12	1.88
393073	0.4	< 0.5	100	575	< 1	33	5	33	1.67	27	< 10	25	< 0.5	3	1.98	25	86	4.74	< 10	< 1	0.15	22	1.86
393074	0.4	< 0.5	111	820	< 1	54	3	40	1.79	28	< 10	16	< 0.5	4	3.19	28	140	5.26	< 10	2	0.21	14	1.71
393075	0.3	< 0.5	102	840	< 1	58	3	41	2.11	15	< 10	36	< 0.5	< 2	3.83	29	164	5.38	< 10	< 1	0.17	10	2.11
393076	0.3	< 0.5	106	1140	< 1	95	< 2	57	2.81	13	< 10	44	0.6	< 2	3.85	31	189	6.47	< 10	2	0.36	11	2.33
393077	0.3	< 0.5	64	699	< 1	141	2	48	2.64	10	< 10	46	< 0.5	3	2.61	34	264	5.08	< 10	1	0.16	12	2.46
393078	< 0.2	< 0.5	69	659	1	186	7	46	2.27	11	< 10	68	< 0.5	< 2	3.02	34	290	4.79	< 10	1	0.24	22	2.20
393079	0.3	< 0.5	99	1430	< 1	97	5	52	2.59	14	< 10	66	< 0.5	< 2	4.00	30	245	6.10	< 10	< 1	0.26	15	2.43
393080	< 0.2	< 0.5	1	35	< 1	1	< 2	3	0.06	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	5	0.30	< 10	< 1	0.01	< 10	< 0.01
393081	< 0.2	< 0.5	106	1140	< 1	69	< 2	56	2.41	8	< 10	116	< 0.5	< 2	3.45	28	222	5.83	< 10	< 1	0.22	13	2.64
393082	0.3	< 0.5	88	1230	< 1	70	4	64	2.95	10	< 10	53	< 0.5	3	3.06	32	206	7.03	< 10	2	0.18	13	3.00
393083	< 0.2	< 0.5	60	962	1	20	5	52	1.79	8	< 10	77	0.8	< 2	2.33	18	38	4.89	10	1	0.10	55	1.88
393084	< 0.2	< 0.5	67	887	2	29	5	49	1.67	9	< 10	67	0.5	< 2	2.90	20	51	4.68	< 10	1	0.22	49	1.60
393085	0.2	< 0.5	164	991	< 1	62	3	41	2.19	16	< 10	32	0.7	3	3.42	30	74	6.93	< 10	2	0.34	14	2.01
393086	0.2	< 0.5	30	725	2	21	8	20	1.08	15	< 10	17	< 0.5	< 2	2.57	22	15	5.86	< 10	2	0.25	46	0.91
393087	0.3	< 0.5	177	596	< 1	14	8	16	1.13	17	< 10	16	< 0.5	< 2	2.73	15	11	5.56	< 10	1	0.32	52	0.84
393088	< 0.2	< 0.5	101	413	1	13	7	19	1.01	16	11	20	< 0.5	< 2	2.18	19	13	4.90	< 10	< 1	0.28	43	0.86
393089	< 0.2	< 0.5	157	239	8	19	6	16	1.03	18	13	19	< 0.5	< 2	1.09	19	12	4.67	< 10	1	0.45	49	0.46
393090	0.2	< 0.5	113	992	1	40	4	29	1.65	16	10	22	< 0.5	2	3.44	26	38	5.31	< 10	2	0.52	30	0.92
393091	0.3	< 0.5	138	1100	1	53	2	39	2.15	17	< 10	32	< 0.5	3	3.78	28	68	6.39	< 10	1	0.24	16	2.14
393092	0.2	< 0.5	94	722	1	54	3	30	1.63	15	< 10	42	< 0.5	< 2	2.53	24	82	5.15	< 10	1	0.11	11	1.76
393093	< 0.2	< 0.5	90	599	< 1	47	2	27	1.52	13	< 10	37	< 0.5	< 2	1.58	24	84	4.76	< 10	< 1	0.11	12	1.64
393094	0.2	< 0.5	81	633	1	42	6	28	1.78	12	< 10	41	< 0.5	< 2	1.85	25	83	4.90	< 10	1	0.13	14	1.72
393095	0.2	< 0.5	90	639	2	39	3	31	2.04	14	< 10	30	< 0.5	< 2	1.86	27	71	4.97	< 10	< 1	0.13	12	1.87

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
390908	0.030	0.045	2.26	3	5	83	< 0.01	< 20	2	< 2	< 10	46	< 10	4	16
390909	0.032	0.055	2.30	3	5	78	< 0.01	< 20	1	< 2	< 10	43	< 10	4	16
390910	0.029	0.052	3.37	4	5	46	< 0.01	< 20	6	< 2	< 10	40	< 10	4	24
390911	0.026	0.049	4.67	4	5	44	< 0.01	< 20	13	< 2	< 10	43	134	4	25
390912	0.021	0.052	3.33	4	5	35	< 0.01	< 20	4	< 2	< 10	41	13	3	22
390913	0.026	0.061	1.61	4	5	50	< 0.01	< 20	2	< 2	< 10	47	< 10	5	12
390914	0.023	0.055	3.36	3	5	35	< 0.01	< 20	123	< 2	< 10	39	59	4	22
390915	0.021	0.047	2.58	3	5	74	< 0.01	< 20	5	< 2	< 10	34	< 10	5	17
390916	0.023	0.060	2.05	3	5	57	< 0.01	< 20	2	< 2	< 10	34	< 10	5	14
390917	0.021	0.047	3.96	3	4	38	< 0.01	< 20	11	< 2	< 10	27	< 10	4	20
390918	0.022	0.053	3.18	3	5	80	< 0.01	< 20	5	< 2	< 10	48	25	3	16
390919	0.032	0.046	2.49	3	5	66	< 0.01	< 20	1	< 2	< 10	53	< 10	3	16
390920	0.012	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3
390921	0.036	0.049	2.04	3	6	102	0.02	< 20	3	< 2	< 10	52	< 10	4	16
390922	0.040	0.049	2.57	2	7	84	0.09	< 20	3	< 2	< 10	60	< 10	4	20
390923	0.048	0.046	1.61	3	10	98	0.17	< 20	3	< 2	< 10	87	< 10	5	16
390924	0.045	0.045	2.06	< 2	9	88	0.21	< 20	4	< 2	< 10	82	< 10	5	20
390925	0.048	0.046	2.20	3	10	97	0.21	< 20	3	< 2	< 10	89	< 10	5	19
390926	0.041	0.044	3.33	3	8	88	0.15	< 20	5	< 2	< 10	71	< 10	4	18
390927	0.039	0.047	3.22	2	7	81	0.15	< 20	4	< 2	< 10	65	13	4	20
390928	0.038	0.047	2.66	< 2	7	77	0.14	< 20	7	< 2	< 10	67	< 10	5	23
390929	0.037	0.055	2.14	3	6	95	0.09	< 20	3	< 2	< 10	59	< 10	5	16
390930	0.036	0.051	1.76	2	6	85	0.07	< 20	3	< 2	< 10	61	< 10	4	13
390931	0.042	0.063	1.46	3	6	88	0.08	< 20	2	< 2	< 10	58	< 10	5	9
390932	0.034	0.063	1.85	< 2	6	84	0.05	< 20	3	< 2	< 10	61	< 10	5	10
390933	0.047	0.065	2.58	3	7	52	< 0.01	< 20	5	< 2	< 10	71	< 10	5	20
390934	0.044	0.068	2.53	4	7	67	0.02	< 20	2	< 2	< 10	78	< 10	5	16
390935	0.045	0.077	2.02	2	7	84	0.04	< 20	3	< 2	< 10	78	< 10	6	8
390936	0.055	0.128	3.13	< 2	6	97	0.05	< 20	2	< 2	< 10	89	< 10	12	11
390937	0.055	0.092	3.59	3	7	71	0.03	< 20	3	< 2	< 10	80	< 10	8	14
390938	0.047	0.043	2.39	3	10	81	0.01	< 20	< 1	< 2	< 10	93	< 10	3	17
390939	0.044	0.041	1.71	2	11	78	0.05	< 20	4	< 2	< 10	93	< 10	10	18
390940	0.129	0.064	0.52	2	7	59	0.14	< 20	1	< 2	< 10	82	20	9	7
390941	0.056	0.045	1.92	2	10	106	0.19	< 20	3	< 2	< 10	99	< 10	5	24
390942	0.057	0.044	1.16	< 2	7	97	0.22	< 20	5	< 2	< 10	88	< 10	5	22
390943	0.077	0.042	0.87	3	5	69	0.21	< 20	2	< 2	< 10	72	< 10	5	27
390944	0.082	0.044	1.22	< 2	7	98	0.22	< 20	3	< 2	< 10	79	< 10	5	27
390945	0.042	0.047	3.76	4	10	35	0.10	< 20	4	< 2	< 10	91	< 10	4	19
390946	0.051	0.048	3.49	4	10	30	0.08	< 20	5	< 2	< 10	92	< 10	3	25
390947	0.054	0.048	1.53	2	11	73	0.22	< 20	4	< 2	< 10	103	15	5	25
390948	0.059	0.046	2.23	4	12	73	0.20	< 20	4	< 2	< 10	105	22	5	23
390949	0.040	0.047	2.34	< 2	9	63	0.20	< 20	5	< 2	< 10	99	< 10	5	21
390950	0.060	0.043	1.34	3	6	65	0.22	< 20	4	< 2	< 10	89	< 10	5	21
390951	0.065	0.047	1.50	3	4	66	0.23	< 20	5	< 2	< 10	75	< 10	5	21
390952	0.082	0.046	1.33	2	5	205	0.23	< 20	4	< 2	< 10	69	< 10	5	24
390953	0.072	0.099	2.15	3	8	94	0.05	< 20	< 1	< 2	< 10	104	< 10	8	9
390954	0.118	0.177	2.96	< 2	5	98	0.04	< 20	3	< 2	< 10	103	< 10	14	7
390955	0.096	0.053	1.10	3	7	74	0.21	< 20	2	< 2	< 10	85	< 10	6	32
390956	0.108	0.047	0.55	2	5	116	0.22	< 20	3	< 2	< 10	71	< 10	5	25
390957	0.066	0.048	1.18	3	9	113	0.23	< 20	5	< 2	< 10	96	< 10	5	29
390958	0.087	0.078	1.56	2	8	127	0.25	< 20	3	< 2	< 10	99	< 10	7	35

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
390959	0.086	0.053	2.00	3	10	104	0.19	< 20	4	< 2	< 10	97	< 10	5	27
390960	0.013	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
390961	0.077	0.085	2.88	4	6	77	< 0.01	< 20	5	< 2	< 10	80	< 10	6	10
390962	0.076	0.104	3.25	3	6	63	< 0.01	< 20	3	< 2	< 10	86	< 10	8	13
390963	0.061	0.072	2.37	4	9	69	< 0.01	< 20	2	< 2	< 10	101	< 10	5	11
390964	0.075	0.046	1.31	3	9	65	< 0.01	< 20	< 1	< 2	< 10	80	< 10	4	16
390965	0.050	0.040	0.85	3	9	151	< 0.01	< 20	< 1	< 2	< 10	73	< 10	5	9
390966	0.035	0.043	1.49	4	7	162	< 0.01	< 20	1	< 2	< 10	47	< 10	6	15
390967	0.029	0.050	2.01	5	8	105	< 0.01	< 20	1	< 2	< 10	59	18	5	16
390968	0.032	0.049	1.29	5	8	105	< 0.01	< 20	1	< 2	< 10	46	87	6	11
390969	0.023	0.046	0.87	5	9	88	< 0.01	< 20	< 1	< 2	< 10	57	86	5	12
390970	0.022	0.055	0.77	6	10	64	< 0.01	< 20	< 1	< 2	< 10	57	40	5	11
390971	0.030	0.061	2.23	5	7	74	< 0.01	< 20	2	< 2	< 10	44	91	5	14
390972	0.052	0.044	1.61	3	8	79	< 0.01	< 20	< 1	< 2	< 10	71	< 10	4	19
390973	0.060	0.100	1.13	3	5	69	< 0.01	< 20	3	< 2	< 10	61	< 10	8	5
390974	0.089	0.126	0.35	3	4	102	< 0.01	< 20	< 1	< 2	< 10	64	< 10	11	2
390975	0.087	0.205	1.65	4	5	163	< 0.01	< 20	1	< 2	< 10	65	22	14	3
390976	0.127	0.136	0.25	4	4	167	0.01	< 20	1	< 2	< 10	61	< 10	13	2
390977	0.051	0.127	1.34	3	3	105	< 0.01	< 20	2	< 2	< 10	31	12	11	2
390978	0.051	0.129	1.37	3	3	157	< 0.01	< 20	2	< 2	< 10	29	< 10	12	2
390979	0.051	0.127	2.69	5	3	143	< 0.01	< 20	4	< 2	< 10	26	< 10	10	5
390980	0.115	0.050	0.63	4	5	62	0.15	< 20	4	< 2	< 10	71	11	13	9
390981	0.049	0.108	4.06	11	5	91	< 0.01	< 20	6	< 2	< 10	24	15	7	14
390982	0.034	0.067	4.00	4	7	72	< 0.01	< 20	4	< 2	< 10	25	13	5	24
390983	0.030	0.055	2.31	4	6	60	< 0.01	< 20	2	< 2	< 10	21	26	3	16
390984	0.022	0.058	3.64	6	8	50	< 0.01	< 20	2	< 2	< 10	30	42	5	27
390985	0.022	0.075	3.88	6	8	56	< 0.01	< 20	5	< 2	< 10	35	58	6	23
390986	0.025	0.052	1.32	4	7	78	< 0.01	< 20	< 1	< 2	< 10	31	22	5	11
390987	0.032	0.047	1.72	3	6	100	< 0.01	< 20	1	< 2	< 10	38	< 10	4	17
390988	0.032	0.045	2.53	4	9	94	< 0.01	< 20	2	< 2	< 10	34	44	5	18
390989	0.034	0.041	2.94	5	9	82	< 0.01	< 20	1	< 2	< 10	38	47	5	14
390990	0.031	0.071	3.90	5	10	109	< 0.01	< 20	1	< 2	< 10	39	26	6	20
390991	0.028	0.076	5.19	5	9	77	< 0.01	< 20	3	< 2	< 10	32	12	4	22
390992	0.028	0.048	4.95	4	9	88	< 0.01	< 20	3	< 2	< 10	34	37	5	22
390993	0.032	0.081	4.40	4	8	92	< 0.01	< 20	4	< 2	< 10	31	19	4	21
390994	0.031	0.044	6.16	6	7	82	< 0.01	< 20	3	< 2	< 10	33	< 10	3	22
390995	0.026	0.044	3.49	4	7	98	< 0.01	< 20	3	< 2	< 10	40	< 10	3	20
390996	0.027	0.041	3.76	5	8	77	< 0.01	< 20	< 1	< 2	< 10	68	< 10	3	16
390997	0.031	0.073	4.50	4	6	77	< 0.01	< 20	< 1	< 2	< 10	71	< 10	4	19
390998	0.050	0.098	3.71	4	6	56	< 0.01	< 20	2	< 2	< 10	70	< 10	6	20
390999	0.048	0.050	3.73	3	9	46	0.01	< 20	2	< 2	< 10	78	< 10	4	20
391000	0.013	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
393001	0.052	0.048	2.80	3	11	49	0.14	< 20	1	< 2	< 10	99	< 10	4	23
393002	0.054	0.048	2.49	3	8	63	0.14	< 20	1	< 2	< 10	84	12	4	25
393003	0.048	0.049	2.67	2	5	43	0.18	< 20	4	< 2	< 10	77	35	4	21
393004	0.044	0.068	3.27	4	9	146	0.22	< 20	4	< 2	< 10	93	48	5	24
393005	0.044	0.051	4.34	3	10	44	0.16	< 20	4	< 2	< 10	91	37	4	19
393006	0.051	0.057	3.03	2	6	86	0.20	< 20	3	< 2	< 10	76	< 10	4	21
393007	0.045	0.048	2.79	2	6	76	0.18	< 20	3	< 2	< 10	76	39	4	18
393008	0.051	0.054	3.18	2	5	84	0.18	< 20	4	< 2	< 10	64	29	4	20
393009	0.051	0.051	2.47	3	5	58	0.19	< 20	3	< 2	< 10	67	< 10	4	17

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
393010	0.052	0.054	2.84	< 2	5	82	0.20	< 20	2	< 2	< 10	68	< 10	4	22
393011	0.059	0.062	2.03	2	5	133	0.21	< 20	3	< 2	< 10	67	< 10	5	25
393012	0.051	0.066	1.83	3	7	339	0.21	< 20	3	2	< 10	75	< 10	5	22
393013	0.054	0.063	1.93	< 2	5	58	0.05	< 20	< 1	< 2	< 10	59	< 10	3	18
393014	0.053	0.064	1.81	2	4	34	< 0.01	< 20	< 1	< 2	< 10	51	< 10	3	15
393015	0.055	0.066	2.25	2	6	55	0.09	< 20	3	< 2	< 10	60	< 10	3	25
393016	0.057	0.082	2.22	3	5	118	0.08	< 20	3	< 2	< 10	59	< 10	8	25
393017	0.060	0.106	2.11	2	3	182	0.05	< 20	1	< 2	< 10	59	< 10	17	10
393018	0.050	0.106	3.01	< 2	2	67	< 0.01	< 20	2	< 2	< 10	32	< 10	14	11
393019	0.062	0.098	2.68	3	3	77	0.01	< 20	2	< 2	< 10	50	< 10	13	13
393020	0.150	0.066	0.58	3	7	58	0.14	< 20	3	< 2	< 10	81	23	9	9
393021	0.048	0.063	2.20	2	3	47	0.02	< 20	1	< 2	< 10	37	< 10	3	17
393022	0.044	0.067	2.79	2	4	44	0.07	< 20	2	< 2	< 10	37	< 10	3	24
393023	0.058	0.091	2.52	4	7	64	< 0.01	< 20	< 1	< 2	< 10	82	< 10	4	14
393024	0.048	0.095	3.14	4	8	53	0.02	< 20	1	< 2	< 10	89	< 10	5	14
393025	0.044	0.093	4.22	3	7	53	< 0.01	< 20	< 1	< 2	< 10	80	< 10	4	17
393026	0.033	0.092	4.29	< 2	7	60	< 0.01	< 20	< 1	< 2	< 10	84	< 10	4	14
393027	0.036	0.095	4.13	3	9	65	0.08	< 20	1	< 2	< 10	101	< 10	6	22
393028	0.045	0.103	3.94	3	10	71	0.19	< 20	4	< 2	< 10	109	20	6	27
393029	0.037	0.102	2.98	3	10	74	0.04	< 20	2	< 2	< 10	115	< 10	6	17
393030	0.035	0.089	2.99	3	7	94	0.02	< 20	< 1	< 2	< 10	105	< 10	4	14
393031	0.049	0.095	3.88	5	6	78	0.01	< 20	4	< 2	< 10	61	41	4	23
393032	0.047	0.096	3.44	< 2	10	110	0.02	< 20	2	< 2	< 10	99	18	5	18
393033	0.058	0.100	3.19	3	12	125	0.01	< 20	< 1	< 2	< 10	99	21	7	18
393034	0.040	0.276	3.10	4	12	161	0.02	< 20	< 1	< 2	< 10	154	< 10	14	5
393035	0.044	0.091	3.35	3	9	105	0.02	< 20	< 1	< 2	< 10	80	12	5	20
393036	0.037	0.085	2.91	3	11	1190	0.01	< 20	< 1	< 2	< 10	105	< 10	4	13
393037	0.040	0.094	3.13	4	9	83	< 0.01	< 20	< 1	< 2	< 10	74	23	5	16
393038	0.037	0.108	4.17	5	10	88	< 0.01	< 20	1	< 2	< 10	78	20	7	19
393039	0.039	0.100	2.64	3	13	139	0.01	< 20	< 1	< 2	< 10	100	15	5	13
393040	0.013	0.005	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
393041	0.045	0.107	2.26	3	14	134	< 0.01	< 20	< 1	< 2	< 10	111	14	5	12
393042	0.043	0.116	1.46	3	15	113	< 0.01	< 20	< 1	< 2	< 10	135	< 10	5	9
393043	0.035	0.100	1.61	2	14	88	0.01	< 20	< 1	< 2	< 10	145	< 10	5	9
393044	0.042	0.108	0.75	3	14	93	< 0.01	< 20	< 1	< 2	< 10	152	< 10	5	8
393045	0.042	0.102	0.92	2	15	105	< 0.01	< 20	< 1	< 2	< 10	144	< 10	5	9
393046	0.040	0.107	4.06	4	12	80	< 0.01	< 20	1	< 2	< 10	123	< 10	5	18
393047	0.039	0.102	0.74	3	16	102	< 0.01	< 20	< 1	< 2	< 10	147	< 10	7	9
393048	0.044	0.115	0.63	3	15	83	< 0.01	< 20	2	< 2	< 10	150	< 10	6	9
393049	0.044	0.112	2.21	3	15	85	< 0.01	< 20	2	< 2	< 10	150	< 10	6	13
393050	0.034	0.110	0.83	5	16	81	< 0.01	< 20	< 1	< 2	< 10	142	< 10	6	8
393051	0.039	0.110	1.91	4	13	77	< 0.01	< 20	2	< 2	< 10	114	< 10	7	12
393052	0.043	0.099	2.54	3	14	84	< 0.01	< 20	3	< 2	< 10	113	< 10	7	12
393053	0.039	0.119	2.31	4	13	63	< 0.01	< 20	1	< 2	< 10	123	< 10	10	13
393054	0.043	0.111	0.66	3	19	61	< 0.01	< 20	< 1	< 2	< 10	166	< 10	10	8
393055	0.029	0.110	1.47	5	16	58	0.01	< 20	< 1	< 2	< 10	181	< 10	11	11
393056	0.045	0.121	0.47	5	17	41	0.02	< 20	< 1	< 2	< 10	193	14	6	9
393057	0.029	0.113	2.42	5	13	31	0.02	< 20	< 1	< 2	< 10	176	36	4	15
393058	0.058	0.165	4.63	4	5	42	0.11	< 20	2	< 2	< 10	91	40	11	19
393059	0.056	0.160	3.70	4	8	34	0.12	< 20	4	< 2	< 10	130	< 10	10	22
393061	0.036	0.121	1.05	4	21	40	0.28	< 20	2	< 2	< 10	209	53	8	20

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
393062	0.041	0.112	1.03	3	21	51	0.27	< 20	4	< 2	< 10	181	17	12	17
393063	0.044	0.102	4.07	3	12	88	0.25	< 20	4	< 2	< 10	143	14	9	15
393064	0.053	0.104	1.34	5	13	171	0.29	< 20	3	< 2	< 10	148	15	10	12
393065	0.058	0.121	0.66	5	10	171	0.31	< 20	5	< 2	< 10	143	< 10	11	9
393066	0.065	0.122	0.78	5	10	172	0.29	< 20	2	< 2	< 10	132	73	11	10
393067	0.066	0.122	0.31	6	11	197	0.30	< 20	3	< 2	< 10	133	59	12	9
393068	0.067	0.115	1.94	6	6	178	0.33	< 20	4	< 2	< 10	116	13	10	9
393069	0.082	0.125	2.23	6	5	164	0.34	< 20	5	< 2	< 10	110	< 10	11	8
393070	0.054	0.126	2.31	6	10	137	0.33	< 20	5	< 2	< 10	127	119	11	11
393071	0.060	0.124	2.64	4	6	135	0.33	< 20	5	< 2	< 10	120	35	11	11
393072	0.059	0.121	2.59	4	7	163	0.33	< 20	5	< 2	< 10	126	48	11	10
393073	0.061	0.139	2.87	4	6	196	0.33	< 20	4	< 2	< 10	126	25	12	25
393074	0.049	0.125	2.99	5	10	111	0.29	< 20	4	< 2	< 10	122	61	11	14
393075	0.055	0.111	2.06	4	11	109	0.29	< 20	2	< 2	< 10	135	11	10	8
393076	0.041	0.122	1.40	4	12	93	0.09	< 20	< 1	< 2	< 10	119	13	9	10
393077	0.129	0.105	0.79	5	7	251	0.28	< 20	3	< 2	< 10	119	< 10	8	7
393078	0.090	0.094	0.90	4	6	170	0.27	< 20	4	< 2	< 10	88	20	7	9
393079	0.054	0.113	0.86	5	11	146	0.20	< 20	4	< 2	< 10	136	11	12	12
393080	0.014	0.001	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3
393081	0.065	0.113	0.42	5	12	112	0.25	< 20	1	< 2	< 10	152	< 10	12	10
393082	0.051	0.120	0.96	6	17	70	0.25	< 20	2	< 2	< 10	162	< 10	8	16
393083	0.078	0.156	0.81	2	7	68	0.06	< 20	< 1	< 2	< 10	108	< 10	11	9
393084	0.069	0.151	1.00	4	7	103	0.02	< 20	< 1	< 2	< 10	98	14	11	7
393085	0.056	0.123	2.58	5	15	93	0.01	< 20	< 1	< 2	< 10	141	< 10	10	11
393086	0.061	0.136	6.03	6	5	55	< 0.01	< 20	3	< 2	< 10	79	< 10	12	33
393087	0.065	0.134	5.77	15	5	38	< 0.01	< 20	2	< 2	< 10	79	< 10	12	28
393088	0.064	0.136	5.23	5	5	96	< 0.01	< 20	1	< 2	< 10	84	< 10	12	27
393089	0.068	0.146	5.02	5	3	42	< 0.01	< 20	< 1	< 2	< 10	59	< 10	12	19
393090	0.042	0.142	3.84	4	6	67	0.01	< 20	3	< 2	< 10	67	< 10	12	15
393091	0.049	0.122	2.34	4	11	108	0.23	< 20	2	< 2	< 10	146	< 10	12	13
393092	0.061	0.118	1.93	4	11	85	0.28	< 20	3	< 2	< 10	158	< 10	11	13
393093	0.064	0.124	1.46	3	7	83	0.35	< 20	4	< 2	< 10	157	< 10	11	14
393094	0.061	0.127	1.57	4	8	132	0.33	< 20	3	< 2	< 10	147	< 10	11	11
393095	0.051	0.129	1.18	3	6	190	0.30	< 20	4	< 2	< 10	137	< 10	11	10

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	0.4	< 0.5	68	1000	< 1	23	101	121	6.63	219	< 10	1070	0.8	2	0.15	10	75	5.38	20	3	1.09	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	69	1010	< 1	26	103	123	6.61	220	< 10	1100	0.8	2	0.15	10	77	5.40	20	2	1.10	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	72	989	1	25	92	113	6.94	202	< 10	783	0.8	3	0.13	13	71	5.99	20	2	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	74	1020	< 1	26	94	117	6.90	202	< 10	796	0.8	3	0.13	14	74	5.87	20	3	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	71	1010	< 1	25	93	117	6.79	201	< 10	780	0.8	4	0.13	14	73	5.76	20	3	1.13	< 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	71	975	1	24	94	118	6.91	221	< 10	709	0.8	3	0.13	14	74	5.59	10	2	1.07	< 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
GXR-6 Meas	0.4	< 0.5	70	972	< 1	24	92	117	6.87	209	< 10	713	0.8	3	0.13	13	74	5.56	10	1	1.07	< 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	70	1010	1	24	92	117	6.56	202	10	766	0.8	3	0.14	13	76	5.47	20	2	1.05	< 10	0.37
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	74	1050	1	24	97	121	6.84	215	< 10	800	0.8	3	0.15	14	79	5.76	20	< 1	1.10	< 10	0.38
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	73	1040	1	26	95	120	6.87	218	< 10	772	0.8	3	0.15	13	79	5.71	20	3	1.12	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 98 (Aqua Regia) Meas	41.5		> 10000				281	1160						40		102							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Meas	41.7		> 10000				296	1200						34		108							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2190	760	< 1	34	69	255	2.77	4		112	0.7	7	0.42	19	45	4.99	< 10		0.50	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2210	768	< 1	36	66	264	2.78	6		108	0.7	8	0.42	18	46	4.98	< 10		0.49	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	3.4	< 0.5	2180	722	< 1	36	59	241	2.73	6		71	0.6	9	0.35	19	41	5.20	< 10		0.45	35	1.26
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	0.8	< 0.5	2250	753	< 1	37	63	256	2.78	4		75	0.7	9	0.37	20	44	5.11	< 10		0.48	36	1.26
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	2210	744	< 1	36	61	245	2.80	6		79	0.7	8	0.38	20	42	5.09	< 10		0.49	37	1.25
OREAS 922 (AQUA REGIA)	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert																							
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2130	708	< 1	34	59	244	2.71	5		69	0.7	8	0.38	19	41	4.78	< 10		0.44	36	1.26
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	0.8	< 0.5	2250	729	< 1	36	61	255	2.85	7		69	0.7	10	0.39	20	43	5.04	< 10		0.46	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	0.9	< 0.5	2180	750	< 1	34	60	254	2.66	6		73	0.7	9	0.41	19	45	4.85	< 10		0.43	36	1.21
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	2320	780	< 1	35	61	260	2.83	7		78	0.7	7	0.43	20	46	5.14	< 10		0.47	38	1.27
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	1.1	< 0.5	2240	761	< 1	36	61	250	2.77	8		77	0.7	9	0.43	19	46	4.98	< 10		0.48	37	1.23
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	1.6	< 0.5	4580	859	< 1	32	90	339	2.85	11		75	0.7	28	0.42	21	42	6.01	< 10		0.43	37	1.48
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.8	< 0.5	4440	867	< 1	32	88	349	2.82	6		81	0.7	25	0.43	21	43	5.84	< 10		0.44	37	1.46
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.6	< 0.5	4360	829	< 1	35	81	326	2.81	8		58	0.6	24	0.37	23	38	6.04	< 10		0.40	33	1.36
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4530	854	< 1	35	84	328	2.85	8		56	0.6	29	0.38	23	40	6.07	< 10		0.41	34	1.37
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	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4370	854	< 1	34	84	326	2.82	6		63	0.6	21	0.38	22	40	5.97	< 10		0.42	34	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

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 923 (AQUA REGIA) Meas	2.8	< 0.5	4500	843	< 1	33	85	332	2.89	7		58	0.6	22	0.39	23	41	5.94	< 10		0.38	35	1.45
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	4530	833	< 1	35	83	327	2.91	9		57	0.6	19	0.39	23	41	5.90	< 10		0.40	35	1.42
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.4	< 0.5	4380	857	< 1	33	79	322	2.73	6		60	0.6	21	0.42	22	42	5.73	< 10		0.38	34	1.31
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.8	< 0.5	4510	880	< 1	34	81	334	2.79	7		60	0.6	26	0.43	22	43	5.86	< 10		0.39	34	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	2.7	< 0.5	4620	891	< 1	35	83	327	2.90	6		64	0.7	25	0.44	22	43	6.08	< 10		0.43	35	1.38
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	11.4		> 10000				97	423						60		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.7		> 10000				101	435						63		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	10.4		> 10000				85	403						51		47							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	10.5		> 10000				87	401						53		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	10.8		> 10000				89	414						63		48							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.0		> 10000				86	397						68		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 621 (Aqua Regia) Meas	72.3	305	3720	533	13	26	> 5000	> 10000	1.76	80			0.6	4	1.70	31	32	3.41	10	3	0.39	21	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	74.4	316	3840	555	13	26	> 5000	> 10000	1.78	83			0.6	7	1.73	34	31	3.44	10	3	0.40	21	0.46

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 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	67.2	290	3530	516	12	25	> 5000	> 10000	1.69	72			0.5	5	1.49	29	27	3.30	< 10	4	0.36	18	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	65.6	288	3450	522	11	25	> 5000	> 10000	1.63	74			0.5	3	1.51	31	27	3.13	< 10	4	0.36	18	0.40
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	67.7	295	3520	527	12	26	> 5000	> 10000	1.70	74			0.5	4	1.51	30	29	3.25	< 10	4	0.37	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	65.4	275	3530	511	11	26	> 5000	> 10000	1.71	73			0.5	7	1.59	30	30	3.21	< 10	4	0.34	20	0.43
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	65.6	276	3570	510	11	27	> 5000	> 10000	1.72	73			0.5	5	1.58	30	32	3.22	< 10	4	0.35	19	0.43
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	65.6	288	3550	541	12	27	> 5000	> 10000	1.68	74			0.6	4	1.73	30	35	3.19	10	4	0.36	20	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.4	292	3780	548	12	26	> 5000	> 10000	1.73	75			0.6	6	1.75	30	31	3.27	< 10	7	0.36	20	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	67.2	291	3630	541	11	26	> 5000	> 10000	1.72	74			0.5	8	1.71	29	32	3.28	10	6	0.36	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 45f (Aqua Regia) Meas			350	167	< 1	228	4	27	7.13			176	1.0	3	0.07	32	335	13.7	20	< 1	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			353	170	< 1	231	14	27	7.14			178	1.0	3	0.07	32	341	13.7	20	2	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
390921 Orig	0.5	< 0.5	113	886	2	272	7	45	2.39	38	13	22	< 0.5	< 2	3.68	32	236	4.87	< 10	3	0.28	< 10	2.40
390921 Dup	0.5	< 0.5	111	889	2	271	5	46	2.36	38	12	19	< 0.5	< 2	3.74	32	236	4.80	< 10	1	0.28	< 10	2.39
390944 Orig	0.2	< 0.5	53	812	1	290	3	45	2.42	17	12	53	< 0.5	2	2.60	36	388	4.08	< 10	< 1	0.16	< 10	3.48
390944 Dup	0.3	< 0.5	55	832	1	294	3	47	2.49	17	13	50	< 0.5	2	2.66	36	396	4.22	< 10	2	0.17	< 10	3.58
390957 Orig	0.4	< 0.5	14	912	3	322	10	40	2.60	14	< 10	44	< 0.5	< 2	3.16	39	405	4.69	10	2	0.06	< 10	3.79
390957 Split PREP DUP	0.3	< 0.5	14	906	3	316	7	40	2.55	12	< 10	39	< 0.5	< 2	3.15	38	404	4.61	10	< 1	0.06	< 10	3.74
390957 Split PREP DUP	0.3	< 0.5	14	906	3	316	7	40	2.55	12	< 10	39	< 0.5	< 2	3.15	38	404	4.61	10	< 1	0.06	< 10	3.74
390970 Orig	< 0.2	< 0.5	87	733	1	234	5	47	2.92	8	35	55	1.0	2	2.73	41	252	3.85	< 10	< 1	1.31	< 10	1.33
390970 Dup	< 0.2	< 0.5	84	722	1	226	3	46	2.66	7	31	49	1.0	< 2	2.71	41	234	3.70	< 10	1	1.17	< 10	1.28
390984 Orig	0.2	< 0.5	41	626	2	156	7	15	1.00	14	24	17	0.7	< 2	2.32	44	102	3.93	< 10	1	0.63	< 10	0.71
390984 Dup	0.3	< 0.5	42	645	2	158	9	15	1.04	15	25	15	0.7	< 2	2.38	45	106	4.06	< 10	2	0.66	< 10	0.73
391000 Orig	< 0.2	< 0.5	< 1	22	< 1	< 1	< 2	< 2	0.05	< 2	20	< 10	< 0.5	< 2	< 0.01	< 1	2	0.17	< 10	< 1	< 0.01	< 10	< 0.01
391000 Dup	< 0.2	< 0.5	< 1	23	< 1	< 1	< 2	< 2	0.05	< 2	11	< 10	< 0.5	< 2	< 0.01	< 1	2	0.19	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
393007 Orig	0.4	< 0.5	54	703	1	171	8	32	1.68	10	< 10	16	< 0.5	3	2.56	29	260	3.96	< 10	< 1	0.05	11	2.45
393007 Split PREP DUP	0.3	< 0.5	57	736	1	173	6	33	1.77	9	< 10	17	< 0.5	< 2	2.75	30	269	4.09	< 10	< 1	0.05	11	2.55
393013 Orig	0.2	< 0.5	15	500	< 1	95	< 2	30	1.86	8	11	38	< 0.5	< 2	1.43	20	157	3.54	< 10	2	0.10	14	2.52
393013 Dup	< 0.2	< 0.5	15	492	< 1	94	< 2	30	1.84	7	11	35	< 0.5	< 2	1.42	20	155	3.44	< 10	< 1	0.10	14	2.41
393026 Orig	< 0.2	< 0.5	47	955	2	193	5	34	2.14	12	< 10	14	< 0.5	4	3.52	34	261	5.93	< 10	2	0.10	< 10	3.10
393026 Dup	< 0.2	< 0.5	47	943	2	192	4	34	2.11	14	< 10	14	< 0.5	4	3.49	33	256	5.88	< 10	3	0.09	< 10	3.09
393040 Orig	< 0.2	< 0.5	1	29	< 1	< 1	< 2	3	0.06	< 2	< 10	12	< 0.5	< 2	0.02	< 1	4	0.27	< 10	< 1	< 0.01	< 10	< 0.01
393040 Dup	< 0.2	< 0.5	1	28	< 1	< 1	< 2	3	0.05	< 2	< 10	13	< 0.5	< 2	0.02	< 1	4	0.25	< 10	< 1	< 0.01	< 10	< 0.01
393057 Orig	0.3	< 0.5	138	1540	3	110	< 2	49	3.25	11	< 10	12	< 0.5	3	2.22	34	323	8.37	10	< 1	0.05	14	3.99
393057 Split PREP DUP	0.4	< 0.5	136	1510	3	109	2	48	3.19	14	< 10	12	< 0.5	2	2.16	36	313	8.55	10	3	0.06	12	3.84
393059 Orig	< 0.2	< 0.5	37	1060	4	30	4	33	1.65	18	< 10	22	0.6	< 2	2.02	24	66	5.49	10	1	0.09	44	2.06
393059 Dup	0.2	< 0.5	39	1050	4	30	4	33	1.65	17	< 10	20	0.6	< 2	2.01	24	66	5.57	10	2	0.09	43	2.04
393062 Orig	< 0.2	< 0.5	156	2140	3	68	< 2	44	2.75	10	< 10	14	< 0.5	< 2	4.75	27	199	6.93	< 10	2	0.10	17	3.10
393062 Dup	< 0.2	< 0.5	154	2100	2	68	< 2	45	2.69	10	< 10	15	< 0.5	2	4.68	28	198	6.79	< 10	1	0.09	17	2.98
393076 Orig	0.3	< 0.5	105	1140	< 1	94	< 2	57	2.79	12	< 10	41	0.6	< 2	3.84	32	187	6.45	< 10	3	0.35	11	2.31
393076 Dup	0.3	< 0.5	107	1150	1	96	< 2	57	2.83	14	< 10	47	0.6	< 2	3.87	31	190	6.49	< 10	1	0.37	11	2.36
393089 Orig	< 0.2	< 0.5	157	240	8	18	7	16	1.05	18	14	20	< 0.5	< 2	1.10	19	12	4.69	< 10	2	0.46	50	0.46
393089 Dup	0.2	< 0.5	157	238	8	19	6	16	1.01	18	13	19	< 0.5	< 2	1.09	19	12	4.64	< 10	1	0.43	49	0.45
393095 Orig	0.2	< 0.5	90	639	2	39	3	31	2.04	14	< 10	30	< 0.5	< 2	1.86	27	71	4.97	< 10	< 1	0.13	12	1.87
393095 Split PREP DUP	0.2	< 0.5	92	635	2	38	5	30	2.03	15	< 10	30	< 0.5	< 2	1.94	28	69	4.87	< 10	2	0.13	12	1.79
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	11	< 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	13	< 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	11	< 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	11	< 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	11	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
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	0.132	0.034	0.01	5	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.135	0.034	0.01	< 2	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.132	0.033	0.01	4	16	30		< 20	< 1	3	< 10	160	< 10	4	6
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	0.138	0.033	0.01	3	17	31		< 20	< 1	< 2	< 10	165	< 10	4	6
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	0.133	0.033	0.01	4	17	30		< 20	< 1	< 2	< 10	163	< 10	4	6
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	0.127	0.034	0.01	3	16	30		< 20	< 1	< 2	< 10	164	< 10	4	10
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.126	0.033	0.01	3	16	30		< 20	2	< 2	< 10	162	< 10	4	8
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.128	0.032	0.01	4	17	31		< 20	< 1	< 2	< 10	163	< 10	4	6
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	0.127	0.034	0.01	3	18	32		< 20	< 1	< 2	< 10	171	< 10	4	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
GXR-6 Meas	0.134	0.035	0.01	4	18	32		< 20	< 1	< 2	< 10	170	< 10	4	9
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas				16											
OREAS 98 (Aqua Regia) Cert				15											
OREAS 98 (Aqua Regia) Meas				17											
OREAS 98 (Aqua Regia) Cert				15											
OREAS 922 (AQUA REGIA) Meas	0.032	0.063	0.36	3	3	17		< 20		< 2	< 10	33	< 10	21	15
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.031	0.063	0.36	2	3	17		< 20		< 2	< 10	33	< 10	21	14
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	0.027	0.061	0.35	< 2	3	16		< 20		< 2	< 10	33	< 10	18	16
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	0.030	0.063	0.35	4	4	16		< 20		< 2	< 10	36	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.031	0.062	0.35	3	4	16		< 20		< 2	< 10	36	< 10	20	17
OREAS 922 (AQUA REGIA)	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
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
Cert															
OREAS 922 (AQUA REGIA) Meas	0.029	0.061	0.34	2	3	16		< 20		< 2	< 10	34	< 10	17	28
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	0.030	0.062	0.36	2	4	16		< 20		< 2	< 10	35	< 10	18	24
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.029	0.061	0.34	< 2	4	16		< 20		< 2	< 10	35	< 10	19	14
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.029	0.065	0.36	< 2	4	17		< 20		< 2	< 10	37	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.029	0.063	0.34	3	4	17		< 20		< 2	< 10	37	< 10	20	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 923 (AQUA REGIA) Meas		0.062	0.68	< 2	3	16		< 20		< 2	< 10	33	< 10	19	13
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.66	< 2	3	15		< 20		< 2	< 10	33	< 10	20	14
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.059	0.64	6	3	14		< 20		< 2	< 10	34	< 10	18	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		0.061	0.66	2	4	15		< 20		< 2	< 10	35	< 10	18	26
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.64	< 2	4	15		< 20		< 2	< 10	35	< 10	18	23
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
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 923 (AQUA REGIA) Meas		0.062	0.66	2	3	15		< 20		< 2	< 10	35	< 10	16	28
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.061	0.66	3	4	15		< 20		< 2	< 10	35	< 10	17	28
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.63	2	4	15		< 20		< 2	< 10	35	< 10	18	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		0.061	0.65	3	4	15		< 20		< 2	< 10	36	< 10	18	26
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.062	0.65	3	4	15		< 20		< 2	< 10	37	< 10	19	16
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			4.01	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			4.15	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			4.00	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			4.00	5											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			3.83	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			3.74	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 621 (Aqua Regia) Meas	0.174	0.034	4.69	100	2	20		< 20		< 2	< 10	12	< 10	8	55
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	0.173	0.033	4.77	98	2	20		< 20		< 2	< 10	12	< 10	8	45

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 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	0.171	0.032	4.56	100	2	17		< 20		6	< 10	12	< 10	7	57
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	0.170	0.033	4.41	97	2	17		< 20		< 2	< 10	13	< 10	7	57
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	0.175	0.034	4.51	103	2	18		< 20		4	< 10	13	< 10	7	64
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	0.167	0.033	4.55	101	2	18		< 20		< 2	< 10	12	< 10	7	54
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	0.166	0.033	4.57	98	2	18		< 20		< 2	< 10	12	< 10	6	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 621 (Aqua Regia) Meas	0.170	0.034	4.38	106	2	20		< 20		< 2	< 10	13	< 10	7	67
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	0.173	0.034	4.63	106	2	19		< 20		< 2	< 10	13	< 10	7	66
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	0.172	0.034	4.46	98	2	18		< 20		< 2	< 10	13	< 10	7	55
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	0.045	0.021	0.02		23	15	0.13	< 20		< 2	< 10	184		5	17
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.046	0.021	0.02		23	15	0.12	< 20		< 2	< 10	184		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
390921 Orig	0.036	0.049	2.05	3	6	102	0.02	< 20	2	< 2	< 10	52	< 10	4	17
390921 Dup	0.036	0.049	2.03	2	6	102	0.02	< 20	4	< 2	< 10	52	< 10	4	16
390944 Orig	0.081	0.044	1.21	< 2	7	98	0.22	< 20	2	< 2	< 10	78	< 10	5	27
390944 Dup	0.084	0.045	1.23	< 2	7	98	0.22	< 20	4	< 2	< 10	80	< 10	5	27
390957 Orig	0.066	0.048	1.18	3	9	113	0.23	< 20	5	< 2	< 10	96	< 10	5	29
390957 Split PREP DUP	0.063	0.048	1.13	3	9	111	0.22	< 20	4	< 2	< 10	95	< 10	5	27
390957 Split PREP DUP	0.063	0.048	1.13	3	9	111	0.22	< 20	4	< 2	< 10	95	< 10	5	27
390970 Orig	0.024	0.056	0.78	6	10	65	< 0.01	< 20	1	< 2	< 10	59	39	5	11
390970 Dup	0.021	0.055	0.76	6	9	63	< 0.01	< 20	< 1	< 2	< 10	55	41	5	12
390984 Orig	0.020	0.058	3.59	5	8	49	< 0.01	< 20	2	< 2	< 10	29	38	5	27
390984 Dup	0.024	0.058	3.70	6	8	50	< 0.01	< 20	2	< 2	< 10	30	45	5	27
391000 Orig	0.013	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
391000 Dup	0.013	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2

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
393007 Orig	0.045	0.048	2.79	2	6	76	0.18	< 20	3	< 2	< 10	76	39	4	18
393007 Split PREP DUP	0.050	0.051	2.84	3	6	80	0.19	< 20	3	< 2	< 10	79	40	4	19
393013 Orig	0.054	0.064	1.97	< 2	5	58	0.05	< 20	< 1	< 2	< 10	60	< 10	3	19
393013 Dup	0.053	0.062	1.89	< 2	5	58	0.05	< 20	2	< 2	< 10	58	< 10	3	18
393026 Orig	0.033	0.092	4.29	4	7	61	< 0.01	< 20	< 1	< 2	< 10	84	< 10	4	15
393026 Dup	0.033	0.093	4.29	< 2	7	60	< 0.01	< 20	1	< 2	< 10	84	< 10	4	14
393040 Orig	0.012	0.005	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
393040 Dup	0.013	0.005	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
393057 Orig	0.029	0.113	2.42	5	13	31	0.02	< 20	< 1	< 2	< 10	176	36	4	15
393057 Split PREP DUP	0.029	0.110	2.72	4	12	30	0.02	< 20	< 1	< 2	< 10	172	40	4	16
393059 Orig	0.056	0.161	3.71	3	8	35	0.12	< 20	5	< 2	< 10	131	< 10	10	23
393059 Dup	0.055	0.159	3.69	4	8	34	0.12	< 20	2	< 2	< 10	129	< 10	10	21
393062 Orig	0.040	0.114	1.05	4	21	51	0.27	< 20	4	< 2	< 10	183	17	12	17
393062 Dup	0.042	0.111	1.02	3	21	51	0.27	< 20	3	< 2	< 10	179	17	12	16
393076 Orig	0.040	0.121	1.40	4	12	92	0.09	< 20	2	< 2	< 10	118	13	9	10
393076 Dup	0.042	0.123	1.41	5	13	94	0.09	< 20	< 1	< 2	< 10	121	14	10	10
393089 Orig	0.068	0.147	5.00	5	3	42	< 0.01	< 20	1	< 2	< 10	60	< 10	13	17
393089 Dup	0.067	0.146	5.04	5	3	42	< 0.01	< 20	< 1	< 2	< 10	57	< 10	12	21
393095 Orig	0.051	0.129	1.18	3	6	190	0.30	< 20	4	< 2	< 10	137	< 10	11	10
393095 Split PREP DUP	0.051	0.126	1.20	4	6	196	0.31	< 20	3	< 2	< 10	136	< 10	11	10
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Report No.: **A21-04701-8-AR**
Report Date: **11-May-21**
Date Submitted: **22-Mar-21**
Your Reference:

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

188 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
8-AR Tbay	QOP Assay (Code 8-Assays)	2021-05-10 08:47:49

REPORT **A21-04701-8-AR**

Notes:

SCC Accredited LAB
LAB Accrédité CCN TM
LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Ag
Unit Symbol	ppm
Lower Limit	3
Method Code	ICP-OES
390914	184

Analyte Symbol	Ag
Unit Symbol	ppm
Lower Limit	3
Method Code	ICP-OES
MP-1b Meas	50
MP-1b Cert	47
CZN-4 Meas	49
CZN-4 Cert	51
PTC-1b Meas	51
PTC-1b Cert	53
CCU-1e Meas	211
CCU-1e Cert	205
Method Blank	< 3

Report No.: **A21-04701-Au**
Report Date: **19-Apr-21**
Date Submitted: **22-Mar-21**
Your Reference:

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

188 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-04-13 10:50:35
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-04-15 20:51:54

REPORT **A21-04701-Au**

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Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
390908	102	
390909	99	
390910	1330	
390911	3490	
390912	580	
390913	325	
390914	> 5000	59.9
390915	707	
390916	417	
390917	1660	
390918	941	
390919	227	
390920	14	
390921	229	
390922	183	
390923	168	
390924	172	
390925	250	
390926	> 5000	12.2
390927	569	
390928	211	
390929	114	
390930	95	
390931	82	
390932	121	
390933	812	
390934	332	
390935	133	
390936	153	
390937	165	
390938	363	
390939	3360	
390940	1280	
390941	609	
390942	116	
390943	50	
390944	49	
390945	413	
390946	163	
390947	401	
390948	452	
390949	348	
390950	95	
390951	59	
390952	60	
390953	174	
390954	142	
390955	57	
390956	35	
390957	726	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
390958	81	
390959	892	
390960	< 5	
390961	194	
390962	407	
390963	120	
390964	27	
390965	42	
390966	71	
390967	947	
390968	41	
390969	95	
390970	22	
390971	91	
390972	16	
390973	22	
390974	19	
390975	30	
390976	14	
390977	22	
390978	20	
390979	90	
390980	4150	
390981	193	
390982	346	
390983	189	
390984	38	
390985	79	
390986	80	
390987	44	
390988	42	
390989	183	
390990	76	
390991	120	
390992	155	
390993	64	
390994	47	
390995	38	
390996	74	
390997	55	
390998	95	
390999	168	
391000	6	
393001	106	
393002	102	
393003	56	
393004	156	
393005	185	
393006	568	
393007	159	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393008	141	
393009	210	
393010	84	
393011	77	
393012	171	
393013	67	
393014	39	
393015	101	
393016	129	
393017	302	
393018	154	
393019	179	
393020	1070	
393021	58	
393022	111	
393023	166	
393024	126	
393025	102	
393026	43	
393027	157	
393028	116	
393029	84	
393030	48	
393031	82	
393032	48	
393033	32	
393034	128	
393035	34	
393036	58	
393037	58	
393038	158	
393039	173	
393040	< 5	
393041	211	
393042	155	
393043	226	
393044	220	
393045	54	
393046	207	
393047	100	
393048	86	
393049	106	
393050	44	
393051	167	
393052	103	
393053	105	
393054	63	
393055	74	
393056	65	
393057	119	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393058	209	
393059	550	
393060	> 5000	8.98
393061	109	
393062	82	
393063	174	
393064	58	
393065	50	
393066	27	
393067	23	
393068	67	
393069	77	
393070	55	
393071	100	
393072	29	
393073	78	
393074	72	
393075	120	
393076	92	
393077	56	
393078	30	
393079	27	
393080	5	
393081	25	
393082	30	
393083	31	
393084	54	
393085	148	
393086	161	
393087	278	
393088	156	
393089	257	
393090	206	
393091	76	
393092	78	
393093	44	
393094	52	
393095	50	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.1
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3180	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3130	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3160	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3160	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
Oreas E1336 (Fire Assay) Meas	522	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	530	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	529	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	530	
Oreas E1336 (Fire Assay) Cert	510	
OREAS 297 (Fire Assay) Meas		18.4
OREAS 297 (Fire Assay) Cert		17.8
390916 Orig	424	
390916 Dup	410	
390926 Orig	> 5000	12.3
390926 Dup	> 5000	12.1
390930 Orig	92	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
390930 Dup	97	
390951 Orig	62	
390951 Dup	55	
390957 Orig	726	
390957 Split PREP DUP	622	
390960 Orig	< 5	
390960 Dup	< 5	
390964 Orig	28	
390964 Dup	25	
390985 Orig	80	
390985 Dup	78	
390995 Orig	38	
390995 Dup	38	
390999 Orig	170	
390999 Dup	165	
393007 Orig	159	
393007 Split PREP DUP	161	
393019 Orig	182	
393019 Dup	176	
393029 Orig	78	
393029 Dup	89	
393033 Orig	32	
393033 Dup	32	
393054 Orig	66	
393054 Dup	59	
393057 Orig	119	
393057 Split PREP DUP	136	
393063 Orig	174	
393063 Dup	173	
393067 Orig	23	
393067 Dup	22	
393088 Orig	156	
393088 Dup	156	
393095 Orig	50	
393095 Split PREP DUP	49	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	5	
Method Blank	5	
Method Blank	5	
Method Blank	< 5	
Method Blank		< 0.03

Quality Analysis ... *Innovative Technologies*

Report No.:	**A21-05134-1E3**
Report Date:	**03-May-21**
Date Submitted:	**26-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

190 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-04-21 21:25:44

REPORT **A21-05134-1E3**

Notes:

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

SCC Accredited LAB
LAB Accrédité CCN TM
LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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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
393096	0.2	< 0.5	47	1590	< 1	139	< 2	31	1.33	3	< 10	64	0.5	< 2	5.18	27	75	4.08	< 10	2	0.35	38	3.11
393097	0.3	< 0.5	59	1130	4	94	< 2	27	1.42	2	< 10	34	< 0.5	< 2	3.68	26	105	4.23	< 10	3	0.29	< 10	2.91
393098	0.2	< 0.5	45	1640	< 1	79	< 2	19	1.09	2	< 10	46	< 0.5	< 2	4.51	18	66	3.99	< 10	1	0.30	< 10	2.59
393099	< 0.2	< 0.5	32	1590	4	49	3	23	0.99	6	10	29	0.7	3	4.59	22	36	4.62	< 10	2	0.42	47	2.22
393100	1.0	0.6	391	736	364	30	47	137	1.62	21	14	66	< 0.5	< 2	1.18	11	41	3.50	< 10	< 1	0.27	< 10	0.66
393101	0.2	< 0.5	82	1430	2	57	3	27	1.27	6	< 10	36	0.7	< 2	4.28	23	86	4.58	< 10	2	0.36	48	2.72
393102	0.3	< 0.5	84	1410	1	104	2	31	1.78	5	< 10	25	< 0.5	< 2	3.56	29	230	5.00	< 10	2	0.17	< 10	3.59
393103	< 0.2	< 0.5	35	1190	< 1	109	< 2	35	1.82	3	< 10	49	< 0.5	< 2	3.29	27	186	4.47	< 10	2	0.20	< 10	3.46
393104	< 0.2	< 0.5	64	925	< 1	101	< 2	34	2.06	5	< 10	67	< 0.5	< 2	1.46	25	162	3.84	10	2	0.16	19	2.82
393105	1.0	< 0.5	12	1140	< 1	142	3	38	2.29	3	< 10	32	< 0.5	2	1.80	30	198	4.95	< 10	2	0.21	16	3.34
393106	0.4	< 0.5	57	1040	1	128	< 2	37	2.16	5	< 10	44	< 0.5	< 2	2.08	23	191	4.05	10	1	0.19	18	2.91
393107	0.4	< 0.5	42	1210	< 1	96	< 2	39	2.08	6	11	39	0.5	< 2	3.04	23	115	4.28	< 10	2	0.40	21	3.10
393108	0.5	< 0.5	105	1850	2	115	< 2	52	2.70	3	11	31	0.6	< 2	3.18	24	181	5.08	< 10	2	0.47	11	3.44
393109	0.8	< 0.5	81	1440	< 1	171	2	60	2.75	< 2	< 10	49	< 0.5	2	2.35	25	254	4.57	< 10	2	0.26	12	3.67
393110	0.9	< 0.5	8	787	2	112	< 2	51	2.50	4	< 10	25	< 0.5	2	2.32	20	162	4.55	10	2	0.28	16	2.66
393111	0.6	< 0.5	19	804	< 1	96	< 2	49	2.47	2	< 10	32	< 0.5	< 2	2.05	16	144	4.37	< 10	< 1	0.26	17	2.61
393112	0.5	< 0.5	34	775	1	89	2	39	2.14	4	< 10	39	< 0.5	< 2	1.43	16	130	3.98	< 10	2	0.32	16	2.03
393113	1.0	< 0.5	10	681	1	92	< 2	40	2.26	9	< 10	35	< 0.5	< 2	0.99	16	149	3.93	10	2	0.25	15	2.28
393114	0.9	< 0.5	35	719	< 1	95	< 2	50	2.45	7	< 10	63	< 0.5	< 2	1.14	17	156	4.11	10	2	0.17	18	2.68
393115	< 0.2	< 0.5	133	869	< 1	90	< 2	68	3.11	< 2	< 10	35	< 0.5	< 2	1.58	20	140	4.64	10	2	0.23	11	3.34
393116	< 0.2	< 0.5	383	1000	< 1	112	< 2	79	3.64	3	< 10	35	< 0.5	< 2	1.45	25	199	5.71	10	1	0.25	< 10	4.04
393117	0.2	< 0.5	138	1080	< 1	89	< 2	67	3.36	2	< 10	108	< 0.5	< 2	3.41	21	183	5.36	10	1	0.11	10	3.89
393118	0.5	< 0.5	80	1190	1	124	< 2	64	3.36	3	< 10	126	< 0.5	< 2	3.97	25	235	5.58	10	2	0.08	< 10	4.01
393119	0.4	< 0.5	347	1140	1	115	< 2	57	3.19	< 2	< 10	78	< 0.5	< 2	4.41	23	232	5.42	< 10	1	0.13	< 10	3.76
393120	< 0.2	< 0.5	< 1	58	< 1	< 1	< 2	< 2	0.06	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	0.46	< 10	< 1	0.01	< 10	< 0.01
393121	0.3	< 0.5	119	1040	< 1	107	< 2	55	2.89	5	< 10	68	< 0.5	< 2	3.85	28	214	4.97	< 10	1	0.12	< 10	3.50
393122	0.2	< 0.5	21	1010	< 1	105	3	54	2.89	5	< 10	48	< 0.5	3	3.98	25	228	5.14	< 10	3	0.14	< 10	3.50
393123	0.2	< 0.5	42	883	< 1	82	3	47	2.35	4	< 10	56	< 0.5	< 2	3.67	25	181	4.14	< 10	1	0.10	< 10	2.77
393124	0.3	< 0.5	58	873	< 1	87	< 2	46	2.44	4	< 10	31	< 0.5	< 2	3.53	28	178	4.52	< 10	3	0.13	< 10	2.96
393125	0.2	< 0.5	43	753	< 1	90	< 2	43	2.21	5	10	19	< 0.5	< 2	2.84	30	182	4.34	< 10	2	0.16	< 10	2.84
393126	0.2	< 0.5	84	652	< 1	90	3	40	2.15	5	11	16	< 0.5	< 2	2.53	28	183	4.55	< 10	3	0.16	< 10	2.68
393127	0.2	< 0.5	28	658	< 1	91	< 2	34	1.96	6	108	22	< 0.5	< 2	2.81	26	170	4.36	< 10	3	0.17	< 10	2.39
393128	0.3	< 0.5	54	683	< 1	90	< 2	34	2.10	7	< 10	28	< 0.5	< 2	3.42	29	165	4.57	< 10	3	0.13	< 10	2.51
393129	0.2	< 0.5	98	714	< 1	86	< 2	38	2.18	10	11	17	< 0.5	< 2	3.05	22	167	4.19	< 10	3	0.15	< 10	2.65
393130	< 0.2	< 0.5	24	733	< 1	84	< 2	40	2.20	6	10	41	< 0.5	< 2	3.09	23	169	4.03	< 10	2	0.14	< 10	2.61
393131	0.2	< 0.5	28	687	< 1	98	< 2	36	2.12	7	< 10	30	< 0.5	< 2	3.07	32	167	4.47	< 10	2	0.12	< 10	2.49
393132	0.3	< 0.5	55	707	< 1	97	< 2	36	2.25	9	11	33	< 0.5	< 2	3.50	35	175	4.77	< 10	3	0.16	< 10	2.59
393133	< 0.2	< 0.5	14	645	< 1	90	< 2	35	2.10	5	< 10	31	< 0.5	3	3.33	26	169	4.00	< 10	3	0.10	< 10	2.50
393134	0.3	< 0.5	69	529	< 1	72	2	27	1.80	4	12	39	< 0.5	< 2	3.06	28	165	3.44	< 10	< 1	0.22	< 10	1.97
393135	0.2	< 0.5	42	578	< 1	80	< 2	30	1.82	4	11	33	< 0.5	< 2	3.62	25	167	3.63	< 10	< 1	0.17	< 10	2.17
393136	0.2	< 0.5	10	648	< 1	88	< 2	34	2.05	6	11	34	< 0.5	< 2	3.10	22	174	4.04	< 10	3	0.16	< 10	2.46
393137	< 0.2	< 0.5	3	794	< 1	84	< 2	42	2.39	6	< 10	46	< 0.5	< 2	3.90	23	175	4.94	< 10	2	0.13	< 10	3.01
393138	0.3	< 0.5	57	836	< 1	92	< 2	47	2.53	19	11	44	< 0.5	< 2	4.03	26	201	5.03	< 10	3	0.12	< 10	3.25
393139	0.4	< 0.5	8	901	< 1	109	< 2	50	2.59	7	< 10	26	< 0.5	4	4.15	31	224	5.97	< 10	2	0.10	< 10	3.44
393140	0.9	< 0.5	390	725	358	29	47	139	1.61	21	14	66	< 0.5	< 2	1.16	11	39	3.45	< 10	2	0.27	< 10	0.65
393141	0.4	< 0.5	38	988	< 1	114	< 2	56	3.03	6	12	22	< 0.5	2	4.77	30	186	6.19	< 10	1	0.31	< 10	3.22
393142	0.2	< 0.5	94	756	< 1	98	2	46	2.25	3	< 10	29	< 0.5	< 2	2.85	30	201	4.74	< 10	3	0.11	< 10	2.81
393143	0.3	< 0.5	43	789	< 1	100	< 2	45	2.33	4	< 10	32	< 0.5	2	3.23	32	191	4.65	< 10	2	0.07	< 10	2.63
393144	0.2	< 0.5	129	759	< 1	87	< 2	46	2.49	3	13	20	< 0.5	< 2	3.72	19	181	4.15	< 10	2	0.03	< 10	2.64
393145	0.3	< 0.5	102	727	< 1	83	< 2	43	2.46	5	< 10	24	< 0.5	< 2	3.45	23	173	4.18	< 10	2	0.04	< 10	2.54
393146	0.2	< 0.5	56	794	< 1	82	< 2	43	2.41	3	55	16	< 0.5	< 2	3.69	18	187	3.87	< 10	2	0.04	< 10	2.44

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
393147	0.4	< 0.5	90	787	< 1	83	< 2	42	2.37	4	10	18	< 0.5	< 2	3.52	32	173	4.27	< 10	2	0.04	< 10	2.36
393148	0.3	< 0.5	115	835	< 1	85	< 2	44	2.44	3	10	27	< 0.5	< 2	3.35	24	170	4.25	< 10	< 1	0.03	< 10	2.43
393149	0.4	< 0.5	203	810	< 1	88	< 2	43	2.51	4	10	29	< 0.5	< 2	3.37	21	162	4.22	< 10	< 1	0.05	< 10	2.43
393150	0.2	< 0.5	204	839	< 1	89	< 2	46	2.55	< 2	< 10	25	< 0.5	< 2	3.18	21	185	4.22	< 10	2	0.05	< 10	2.65
393151	0.2	< 0.5	65	785	< 1	82	< 2	45	2.46	5	10	20	< 0.5	< 2	2.70	21	169	3.92	< 10	2	0.06	< 10	2.44
393152	0.3	< 0.5	91	955	< 1	95	< 2	52	2.83	< 2	54	15	< 0.5	< 2	3.15	27	197	4.74	< 10	2	0.04	< 10	3.05
393153	0.3	< 0.5	163	823	< 1	81	< 2	47	2.52	< 2	11	38	< 0.5	< 2	2.80	23	171	4.03	< 10	2	0.15	< 10	2.61
393154	0.3	< 0.5	55	909	< 1	105	< 2	55	2.70	4	< 10	50	< 0.5	< 2	2.89	27	200	4.58	< 10	2	0.04	< 10	3.06
393155	< 0.2	< 0.5	68	785	< 1	88	< 2	60	2.78	3	11	33	< 0.5	< 2	2.27	20	155	4.18	< 10	1	0.05	< 10	2.87
393156	< 0.2	< 0.5	70	670	< 1	90	< 2	66	2.73	4	12	32	< 0.5	< 2	1.78	21	160	4.10	< 10	2	0.07	10	2.85
393157	< 0.2	< 0.5	45	689	< 1	97	< 2	71	2.86	3	< 10	20	< 0.5	< 2	1.55	24	177	4.38	10	< 1	0.06	< 10	3.15
393158	< 0.2	< 0.5	65	702	< 1	92	< 2	66	2.70	3	12	22	< 0.5	< 2	1.79	23	162	4.17	< 10	2	0.06	< 10	2.91
393159	0.2	< 0.5	126	768	2	86	< 2	63	2.63	5	< 10	71	< 0.5	< 2	1.90	21	148	4.04	< 10	1	0.05	< 10	2.95
393160	< 0.2	< 0.5	< 1	35	< 1	< 1	< 2	< 2	0.04	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	2	0.27	< 10	< 1	< 0.01	< 10	< 0.01
393161	< 0.2	< 0.5	46	845	< 1	89	< 2	61	2.78	4	10	30	< 0.5	2	2.36	20	165	4.34	< 10	1	0.06	< 10	3.14
393162	0.2	< 0.5	134	684	< 1	76	< 2	47	2.32	6	12	88	< 0.5	< 2	2.31	20	173	3.78	< 10	2	0.15	< 10	2.24
393163	0.3	< 0.5	97	667	< 1	82	< 2	52	2.15	4	< 10	107	< 0.5	< 2	2.45	21	169	3.70	< 10	2	0.12	< 10	2.50
393164	< 0.2	< 0.5	93	688	< 1	82	< 2	58	2.47	3	< 10	23	< 0.5	< 2	2.49	19	175	3.94	< 10	1	0.09	< 10	2.88
393165	< 0.2	< 0.5	80	751	< 1	89	< 2	66	2.80	< 2	11	23	< 0.5	< 2	2.48	24	182	4.73	< 10	< 1	0.13	< 10	3.23
393166	0.2	< 0.5	72	801	< 1	88	< 2	64	2.69	4	< 10	26	< 0.5	< 2	3.23	22	173	4.39	< 10	< 1	0.09	10	3.12
393167	0.2	< 0.5	75	747	< 1	88	< 2	63	2.62	3	10	222	< 0.5	2	3.10	23	183	4.38	< 10	< 1	0.13	< 10	3.04
393168	0.3	< 0.5	71	715	< 1	86	< 2	63	2.60	2	11	44	< 0.5	< 2	2.46	19	167	4.54	< 10	3	0.19	10	2.94
393169	0.3	< 0.5	63	759	< 1	90	< 2	61	2.67	< 2	11	54	< 0.5	< 2	2.69	21	189	4.43	< 10	2	0.19	< 10	3.16
393170	< 0.2	< 0.5	102	1050	< 1	182	< 2	83	3.77	3	< 10	67	< 0.5	< 2	3.13	35	272	6.20	10	2	0.10	16	4.92
393171	< 0.2	< 0.5	29	1070	< 1	427	< 2	68	4.32	3	< 10	15	0.5	< 2	5.26	34	497	6.12	10	2	0.02	48	6.43
393172	0.5	< 0.5	25	1060	< 1	403	2	68	4.28	4	< 10	14	0.6	5	4.90	34	488	6.44	10	2	0.03	44	6.23
393173	< 0.2	< 0.5	87	1110	2	306	4	68	3.96	4	< 10	15	0.8	3	4.41	30	393	6.62	10	< 1	0.11	42	5.27
393174	0.4	< 0.5	107	1170	4	62	4	64	2.65	10	12	58	0.6	3	4.73	19	76	5.81	< 10	2	0.38	15	2.13
393175	0.5	< 0.5	247	957	4	31	3	66	2.31	4	< 10	34	< 0.5	< 2	2.74	18	5	5.69	< 10	2	0.32	14	1.71
393176	0.4	< 0.5	270	1050	2	28	< 2	72	2.17	3	< 10	38	< 0.5	< 2	2.56	14	7	5.40	< 10	1	0.26	16	1.72
393177	< 0.2	< 0.5	40	1130	1	137	< 2	78	3.24	3	< 10	76	0.5	< 2	3.48	27	181	6.45	10	< 1	0.37	26	3.44
393178	< 0.2	< 0.5	101	1140	2	16	< 2	72	2.16	< 2	< 10	251	< 0.5	< 2	2.93	7	6	5.46	< 10	< 1	0.33	16	1.71
393179	0.3	< 0.5	111	1170	2	28	< 2	75	2.44	6	< 10	62	0.5	< 2	3.00	24	4	6.20	< 10	2	0.42	17	1.76
393180	3.1	1.0	122	541	21	46	862	217	0.69	> 10000	11	53	< 0.5	3	1.89	21	30	3.86	< 10	< 1	0.13	< 10	0.68
393181	0.2	< 0.5	128	1280	2	34	< 2	75	2.40	6	< 10	62	< 0.5	< 2	3.74	17	5	6.47	< 10	2	0.43	16	1.71
393182	< 0.2	< 0.5	146	1200	2	38	< 2	76	2.24	9	11	57	< 0.5	< 2	3.66	23	5	6.32	< 10	2	0.35	14	1.67
393183	< 0.2	< 0.5	76	1160	1	28	< 2	80	2.54	7	12	66	< 0.5	< 2	3.41	18	3	5.60	< 10	< 1	0.59	15	1.66
393184	0.4	< 0.5	195	1750	2	27	6	53	1.94	20	12	45	< 0.5	< 2	7.67	10	6	5.17	< 10	< 1	0.48	13	1.29
393185	1.7	< 0.5	337	1470	3	29	14	47	1.98	22	16	31	< 0.5	2	6.46	70	19	6.74	< 10	2	0.68	< 10	1.12
393186	< 0.2	< 0.5	151	1090	1	20	< 2	65	2.47	2	15	102	< 0.5	< 2	4.28	10	4	4.17	< 10	< 1	0.73	14	1.47
393187	0.3	< 0.5	23	918	1	28	3	73	2.30	13	12	34	< 0.5	< 2	2.90	24	4	5.42	< 10	2	0.56	11	1.59
393188	0.2	< 0.5	110	1270	< 1	143	3	67	3.07	8	15	54	0.6	< 2	6.01	23	146	5.33	< 10	2	0.64	22	2.68
393189	0.2	< 0.5	45	1090	1	32	< 2	81	2.64	29	12	50	< 0.5	< 2	3.34	19	4	5.82	10	4	0.56	13	1.81
393190	0.4	< 0.5	127	1130	1	30	< 2	77	2.60	21	12	55	< 0.5	< 2	3.72	20	4	5.66	< 10	2	0.57	14	1.75
393191	0.3	< 0.5	107	1150	< 1	23	< 2	87	2.60	9	13	43	< 0.5	< 2	3.98	17	4	5.27	< 10	< 1	0.70	12	1.69
393192	0.4	< 0.5	53	917	1	18	< 2	78	2.56	20	15	20	< 0.5	3	3.27	21	4	5.40	< 10	2	0.86	< 10	1.47
393193	0.6	< 0.5	60	1050	2	30	5	66	2.23	18	15	21	< 0.5	< 2	4.53	24	3	5.16	< 10	< 1	0.73	< 10	1.32
393194	0.3	< 0.5	12	1060	2	46	3	83	2.49	31	13	15	< 0.5	< 2	3.33	32	4	6.49	< 10	2	0.51	16	1.78
393195	0.3	< 0.5	40	1050	2	27	< 2	91	2.70	14	15	15	< 0.5	< 2	3.01	33	4	6.44	< 10	2	0.50	14	1.78
393196	0.5	< 0.5	13	1120	5	35	< 2	79	2.05	31	< 10	17	< 0.5	< 2	3.26	28	5	6.26	< 10	4	0.27	13	1.70
393197	0.5	< 0.5	36	996	4	42	8	76	1.98	30	< 10	15	< 0.5	2	3.23	29	5	6.40	< 10	< 1	0.37	15	1.55

Results **Activation Laboratories Ltd.** **Report: A21-05134**

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
393198	0.4	< 0.5	14	1060	2	33	4	81	2.65	17	15	29	0.5	< 2	3.30	20	4	6.45	< 10	2	0.62	14	1.77
393199	0.5	< 0.5	60	1050	2	37	4	76	2.30	14	12	42	< 0.5	< 2	4.04	24	4	5.92	< 10	1	0.53	13	1.59
393200	< 0.2	< 0.5	< 1	32	< 1	< 1	< 2	3	0.05	< 2	< 10	14	< 0.5	< 2	0.02	< 1	4	0.29	< 10	< 1	< 0.01	< 10	< 0.01
393201	0.4	< 0.5	130	1190	1	44	< 2	106	3.12	13	14	70	< 0.5	< 2	3.06	30	3	6.69	10	2	0.43	15	1.97
393202	0.2	< 0.5	96	1210	1	32	6	111	3.21	3	19	96	< 0.5	< 2	2.72	21	3	6.23	10	1	0.38	14	2.03
393203	0.4	< 0.5	65	997	2	25	< 2	72	2.17	5	12	94	< 0.5	< 2	3.30	9	5	4.68	< 10	< 1	0.34	13	1.36
393204	0.2	< 0.5	12	935	2	26	3	80	2.49	10	14	32	< 0.5	< 2	3.18	21	4	5.14	< 10	< 1	0.35	13	1.56
393205	0.3	< 0.5	31	1100	1	26	< 2	86	2.26	10	< 10	53	< 0.5	< 2	3.07	28	4	5.75	10	< 1	0.32	15	1.65
393206	0.3	< 0.5	120	1120	1	18	< 2	92	2.64	2	13	121	< 0.5	< 2	3.28	22	4	4.84	< 10	< 1	0.46	15	1.58
393207	< 0.2	< 0.5	118	1120	1	24	< 2	86	2.55	4	13	115	< 0.5	< 2	3.53	16	4	4.80	< 10	< 1	0.36	14	1.46
393208	0.4	< 0.5	8	1150	2	34	3	86	2.22	4	< 10	61	< 0.5	3	3.56	18	5	5.67	10	2	0.33	16	1.55
393209	0.9	< 0.5	35	840	2	30	10	75	1.56	10	< 10	13	< 0.5	< 2	1.89	27	6	5.81	< 10	< 1	0.41	< 10	1.33
393210	1.1	< 0.5	114	861	1	29	18	82	1.42	10	< 10	13	< 0.5	< 2	1.94	20	5	5.50	< 10	< 1	0.31	< 10	1.42
393211	0.7	< 0.5	84	879	1	38	5	82	1.57	9	< 10	13	< 0.5	< 2	1.72	22	6	5.44	< 10	< 1	0.34	< 10	1.46
393212	0.5	< 0.5	95	985	< 1	24	6	84	1.61	8	< 10	15	< 0.5	< 2	2.37	21	6	5.44	< 10	< 1	0.33	11	1.40
393213	0.3	< 0.5	152	1180	7	26	8	76	2.19	2	15	91	< 0.5	< 2	4.42	9	5	5.37	< 10	< 1	0.54	17	1.32
393214	0.2	< 0.5	46	1140	1	18	3	86	2.59	< 2	15	111	0.6	< 2	4.12	16	5	5.17	< 10	< 1	0.58	16	1.52
393215	< 0.2	< 0.5	128	1140	< 1	30	< 2	110	3.01	3	14	94	< 0.5	< 2	3.19	24	5	6.34	< 10	3	0.39	15	1.84
393216	0.4	< 0.5	94	1070	< 1	23	< 2	106	2.82	3	14	84	< 0.5	3	3.50	21	5	6.13	10	2	0.44	14	1.75
393217	0.3	< 0.5	103	996	< 1	31	< 2	108	2.86	< 2	14	85	< 0.5	< 2	3.22	23	5	6.14	10	< 1	0.37	15	1.77
393218	0.3	< 0.5	40	1220	< 1	60	< 2	122	3.10	3	12	253	< 0.5	< 2	3.29	25	20	7.34	10	2	0.30	13	2.19
393219	< 0.2	< 0.5	16	1340	< 1	90	< 2	129	3.49	< 2	13	639	< 0.5	< 2	3.03	27	116	7.07	10	3	0.39	14	2.59
393220	1.0	0.6	630	523	31	34	86	105	1.68	19	16	90	< 0.5	< 2	1.22	15	48	3.57	< 10	< 1	0.30	< 10	0.81
393221	< 0.2	< 0.5	60	775	< 1	48	< 2	77	2.61	< 2	22	181	0.6	< 2	2.96	19	80	4.64	< 10	< 1	1.08	11	1.15
393222	0.2	< 0.5	51	980	< 1	53	< 2	104	3.01	2	17	121	< 0.5	< 2	3.49	21	121	5.46	< 10	3	0.69	18	2.01
393223	0.4	< 0.5	16	1040	< 1	54	< 2	103	2.92	< 2	13	128	< 0.5	< 2	4.25	20	112	5.34	< 10	< 1	0.46	13	2.11
393224	< 0.2	< 0.5	70	1110	< 1	91	< 2	135	3.34	3	14	104	0.6	3	2.90	31	75	7.28	< 10	1	0.48	13	2.44
393225	0.4	< 0.5	77	1220	< 1	97	< 2	148	3.22	3	12	136	< 0.5	3	3.69	30	110	7.06	< 10	3	0.43	13	2.27
393226	0.3	< 0.5	136	1080	< 1	83	< 2	115	2.73	< 2	13	83	< 0.5	< 2	3.78	21	138	5.79	< 10	1	0.49	16	1.77
393227	0.3	< 0.5	106	1270	< 1	91	< 2	128	2.96	< 2	< 10	46	< 0.5	3	4.26	26	168	6.96	10	< 1	0.27	14	2.34
393228	0.2	< 0.5	84	1140	< 1	70	< 2	103	3.26	< 2	11	91	< 0.5	< 2	4.26	26	114	6.47	10	1	0.40	12	2.55
393229	< 0.2	< 0.5	93	958	< 1	46	< 2	79	3.04	< 2	14	83	< 0.5	< 2	4.22	24	106	5.11	< 10	< 1	0.63	13	2.18
393230	< 0.2	< 0.5	74	957	< 1	52	< 2	87	3.10	2	11	108	< 0.5	2	4.36	23	135	5.65	10	2	0.42	15	2.53
393231	< 0.2	< 0.5	59	976	< 1	60	< 2	94	3.01	< 2	12	147	< 0.5	< 2	3.77	25	137	5.72	< 10	1	0.41	14	2.50
393232	0.8	< 0.5	146	1250	2	100	< 2	124	3.33	3	11	89	0.5	< 2	3.98	33	122	7.49	10	1	0.41	14	2.83
393233	1.0	< 0.5	172	1180	2	87	< 2	129	3.14	4	11	59	0.5	< 2	3.86	32	138	7.20	10	2	0.38	12	2.85
393234	0.4	< 0.5	69	1360	< 1	73	< 2	141	3.03	3	< 10	78	< 0.5	< 2	4.77	27	93	6.73	< 10	1	0.30	12	2.61
393235	0.5	< 0.5	136	1350	3	46	< 2	142	2.52	< 2	11	94	< 0.5	< 2	4.46	21	73	5.35	< 10	2	0.34	13	2.07
393236	0.3	< 0.5	90	1490	2	46	4	129	2.29	2	< 10	74	< 0.5	< 2	4.19	23	127	4.84	< 10	< 1	0.30	12	1.89
393237	0.3	< 0.5	31	1550	< 1	69	4	132	2.32	8	< 10	44	< 0.5	< 2	3.70	26	152	5.47	< 10	2	0.22	11	2.02
393238	0.5	< 0.5	19	1360	< 1	70	8	140	2.36	12	12	35	< 0.5	< 2	3.64	35	91	6.44	< 10	4	0.44	< 10	1.75
393239	< 0.2	< 0.5	134	1720	< 1	76	< 2	187	3.10	< 2	12	109	< 0.5	< 2	4.04	24	164	6.00	< 10	2	0.44	12	2.46
393240	< 0.2	< 0.5	< 1	43	< 1	< 1	< 2	< 2	0.05	2	< 10	15	< 0.5	< 2	< 0.01	< 1	2	0.38	< 10	< 1	< 0.01	< 10	< 0.01
393241	0.2	< 0.5	74	1570	< 1	97	< 2	141	2.61	3	14	69	< 0.5	< 2	3.65	27	127	5.89	< 10	1	0.45	12	1.87
393242	0.3	< 0.5	159	1610	< 1	80	4	149	2.77	3	11	65	< 0.5	< 2	3.84	30	144	5.98	< 10	< 1	0.32	14	2.14
393243	0.3	< 0.5	167	1500	< 1	64	< 2	143	2.80	4	< 10	81	< 0.5	< 2	4.98	24	96	6.17	< 10	< 1	0.28	12	2.22
393244	0.3	< 0.5	152	1400	< 1	72	< 2	146	3.02	3	< 10	74	< 0.5	< 2	3.70	26	104	6.72	< 10	1	0.22	11	2.42
393245	< 0.2	< 0.5	82	1190	< 1	57	8	113	2.79	4	< 10	73	< 0.5	< 2	3.51	26	101	5.86	< 10	< 1	0.18	11	2.34
393246	0.3	< 0.5	45	1190	< 1	74	< 2	95	2.94	2	11	43	< 0.5	< 2	3.55	27	133	6.50	< 10	< 1	0.19	11	2.55
393247	0.2	< 0.5	48	1250	< 1	63	< 2	87	2.97	3	< 10	30	< 0.5	< 2	4.05	25	141	6.00	10	< 1	0.10	11	2.65
393248	0.2	0.5	50	1010	< 1	67	< 2	81	2.61	< 2	< 10	29	< 0.5	< 2	4.14	20	170	4.83	< 10	< 1	0.11	12	2.32

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
393249	0.5	< 0.5	35	776	3	61	42	76	2.08	4	< 10	33	< 0.5	< 2	3.98	17	138	3.82	< 10	< 1	0.17	17	2.06
393250	< 0.2	< 0.5	22	586	< 1	64	< 2	64	2.15	< 2	< 10	21	< 0.5	< 2	2.96	17	156	3.53	< 10	< 1	0.17	20	2.09
393251	0.4	< 0.5	31	602	8	60	12	57	2.03	< 2	< 10	35	< 0.5	< 2	3.14	17	138	3.56	< 10	< 1	0.21	22	2.01
393252	< 0.2	< 0.5	19	661	< 1	79	< 2	60	2.38	< 2	< 10	41	< 0.5	< 2	2.99	20	166	3.86	10	< 1	0.12	18	2.40
393253	< 0.2	< 0.5	34	687	< 1	82	< 2	66	2.67	< 2	11	40	< 0.5	< 2	2.66	23	168	4.11	10	< 1	0.15	18	2.72
393254	< 0.2	< 0.5	23	668	< 1	75	< 2	60	2.49	< 2	< 10	90	< 0.5	< 2	2.91	22	159	3.80	< 10	< 1	0.15	17	2.46
393255	< 0.2	< 0.5	39	652	< 1	74	4	63	2.61	< 2	14	43	< 0.5	< 2	2.71	21	158	3.83	10	< 1	0.17	18	2.55
393256	< 0.2	< 0.5	9	648	< 1	78	< 2	65	2.71	2	12	149	< 0.5	< 2	2.66	21	168	4.02	< 10	< 1	0.18	18	2.67
393257	< 0.2	< 0.5	3	639	< 1	77	< 2	64	2.71	2	13	95	< 0.5	3	2.59	22	169	3.94	10	< 1	0.14	18	2.66
393258	< 0.2	< 0.5	8	656	< 1	77	< 2	61	2.72	< 2	15	71	< 0.5	< 2	3.22	22	159	3.89	< 10	< 1	0.21	18	2.54
393259	< 0.2	< 0.5	28	643	< 1	78	< 2	63	2.66	< 2	13	27	< 0.5	< 2	2.86	20	168	3.92	10	< 1	0.12	18	2.59
393260	3.7	1.3	125	554	21	47	877	225	0.74	> 10000	10	62	< 0.5	3	1.93	19	31	3.90	< 10	< 1	0.15	< 10	0.69
393261	< 0.2	< 0.5	25	685	< 1	88	< 2	70	2.74	3	12	26	< 0.5	< 2	2.93	24	168	4.18	< 10	< 1	0.14	17	2.67
393262	< 0.2	< 0.5	28	672	< 1	83	7	73	2.49	3	11	39	< 0.5	< 2	3.06	28	144	4.09	< 10	< 1	0.18	17	2.22
393263	< 0.2	< 0.5	32	673	< 1	83	3	91	2.48	3	11	27	< 0.5	< 2	2.81	23	154	3.90	< 10	< 1	0.15	18	2.33
393264	< 0.2	< 0.5	31	681	< 1	80	13	98	2.53	4	11	29	< 0.5	< 2	2.86	24	162	4.17	< 10	< 1	0.14	17	2.51
393265	0.2	< 0.5	89	870	< 1	113	8	112	2.96	4	10	37	< 0.5	< 2	2.95	30	165	5.01	10	2	0.14	16	2.81
393266	< 0.2	< 0.5	6	639	< 1	75	19	90	2.15	6	11	36	< 0.5	< 2	2.95	24	159	3.90	< 10	< 1	0.20	17	2.14
393267	< 0.2	< 0.5	48	698	< 1	83	< 2	95	2.60	< 2	10	42	< 0.5	< 2	2.91	27	168	3.95	< 10	< 1	0.22	17	2.37
393268	0.3	< 0.5	82	747	< 1	93	< 2	97	2.66	< 2	< 10	49	< 0.5	< 2	3.19	30	200	4.23	< 10	< 1	0.20	17	2.62
393269	< 0.2	< 0.5	35	883	< 1	115	< 2	136	2.82	< 2	< 10	66	< 0.5	< 2	2.76	34	196	4.59	10	< 1	0.14	17	3.12
393270	0.4	< 0.5	44	1040	< 1	97	3	142	2.38	4	< 10	42	< 0.5	2	2.75	26	210	4.60	10	< 1	0.14	18	2.86
393271	0.2	< 0.5	37	1000	< 1	136	4	127	2.96	9	< 10	31	< 0.5	< 2	2.60	37	219	5.36	10	< 1	0.17	15	3.45
393272	< 0.2	< 0.5	34	779	< 1	107	< 2	85	2.87	< 2	< 10	76	< 0.5	< 2	2.73	23	178	4.74	10	< 1	0.24	18	3.09
393273	< 0.2	< 0.5	55	696	< 1	76	< 2	60	2.28	< 2	< 10	49	< 0.5	< 2	2.41	20	161	4.04	10	< 1	0.23	19	2.27
393274	< 0.2	< 0.5	31	829	< 1	93	< 2	68	2.82	< 2	< 10	183	< 0.5	< 2	2.53	26	183	4.78	10	< 1	0.25	18	2.94
393275	< 0.2	< 0.5	42	931	< 1	108	< 2	69	2.83	2	< 10	64	< 0.5	< 2	3.12	28	221	4.67	10	< 1	0.29	18	2.94
393276	< 0.2	< 0.5	37	996	3	124	< 2	70	2.71	< 2	< 10	77	< 0.5	< 2	3.07	36	256	4.45	10	< 1	0.30	16	2.94
393277	< 0.2	< 0.5	33	833	< 1	104	< 2	72	2.89	< 2	12	86	< 0.5	< 2	2.72	27	181	4.23	< 10	< 1	0.52	19	2.68
393278	< 0.2	< 0.5	70	762	< 1	113	< 2	64	3.06	4	14	128	< 0.5	< 2	3.17	28	219	4.54	< 10	< 1	0.45	18	3.20
393279	< 0.2	< 0.5	72	552	< 1	89	< 2	51	2.66	< 2	13	219	< 0.5	< 2	3.08	22	166	3.42	< 10	< 1	0.48	14	2.48
393280	< 0.2	< 0.5	< 1	38	< 1	< 1	< 2	< 2	0.05	< 2	< 10	17	< 0.5	< 2	0.01	< 1	2	0.31	< 10	< 1	0.01	< 10	< 0.01
393281	< 0.2	< 0.5	32	544	< 1	100	< 2	48	2.48	2	11	79	< 0.5	< 2	2.57	23	177	3.56	< 10	< 1	0.28	13	2.44
393282	< 0.2	< 0.5	87	570	< 1	104	< 2	50	2.47	< 2	10	111	< 0.5	< 2	2.56	24	181	3.68	10	< 1	0.25	13	2.47
393283	< 0.2	< 0.5	62	600	< 1	113	< 2	48	2.59	< 2	10	59	< 0.5	< 2	2.79	25	175	4.05	10	< 1	0.29	14	2.47
393284	< 0.2	< 0.5	89	568	< 1	106	< 2	45	2.23	< 2	< 10	56	< 0.5	< 2	2.55	26	181	3.69	10	< 1	0.19	13	2.25
393285	< 0.2	< 0.5	113	1220	< 1	136	5	127	3.00	5	< 10	134	0.9	< 2	5.68	31	296	5.55	10	2	0.05	51	4.70

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
393096	0.038	0.168	0.56	< 2	11	99	< 0.01	< 20	< 1	< 2	< 10	40	< 10	7	1
393097	0.069	0.072	1.39	< 2	12	61	< 0.01	< 20	2	< 2	< 10	59	< 10	4	8
393098	0.055	0.074	0.75	< 2	12	65	< 0.01	< 20	< 1	< 2	< 10	42	< 10	4	3
393099	0.064	0.173	1.77	4	9	107	< 0.01	< 20	< 1	< 2	< 10	55	< 10	13	2
393100	0.117	0.049	0.61	4	6	57	0.14	< 20	2	< 2	< 10	76	10	13	8
393101	0.065	0.182	1.43	2	11	103	< 0.01	< 20	< 1	< 2	< 10	72	< 10	12	2
393102	0.079	0.080	1.32	3	16	61	< 0.01	< 20	< 1	< 2	< 10	112	< 10	5	3
393103	0.070	0.073	0.82	< 2	12	66	< 0.01	< 20	< 1	< 2	< 10	83	< 10	4	4
393104	0.106	0.082	0.55	< 2	6	23	< 0.01	< 20	1	< 2	< 10	63	< 10	4	2
393105	0.071	0.091	1.62	2	7	28	< 0.01	< 20	< 1	< 2	< 10	64	< 10	4	8
393106	0.085	0.087	0.85	2	7	33	< 0.01	< 20	< 1	< 2	< 10	67	< 10	5	3
393107	0.051	0.111	1.22	< 2	8	50	< 0.01	< 20	< 1	< 2	< 10	54	< 10	6	3
393108	0.041	0.083	0.46	< 2	11	38	< 0.01	< 20	< 1	< 2	< 10	74	< 10	5	3
393109	0.045	0.084	0.74	< 2	9	25	< 0.01	< 20	< 1	< 2	< 10	70	< 10	5	4
393110	0.080	0.091	1.55	< 2	5	36	< 0.01	< 20	< 1	< 2	< 10	61	< 10	4	4
393111	0.074	0.086	1.08	< 2	5	36	< 0.01	< 20	< 1	< 2	< 10	57	< 10	4	3
393112	0.098	0.084	1.17	< 2	4	21	< 0.01	< 20	< 1	< 2	< 10	51	< 10	4	5
393113	0.089	0.087	0.86	2	5	15	< 0.01	< 20	< 1	< 2	< 10	57	< 10	3	4
393114	0.121	0.086	0.65	< 2	5	22	< 0.01	< 20	< 1	< 2	< 10	64	< 10	4	3
393115	0.059	0.064	0.28	3	6	44	0.03	< 20	< 1	< 2	< 10	73	< 10	5	5
393116	0.057	0.068	0.28	2	10	26	0.02	< 20	< 1	< 2	< 10	102	< 10	4	5
393117	0.058	0.083	0.28	< 2	13	107	0.12	< 20	< 1	< 2	< 10	119	< 10	8	9
393118	0.068	0.080	0.22	3	14	128	0.25	< 20	1	< 2	< 10	133	< 10	9	15
393119	0.068	0.080	0.47	< 2	14	124	0.23	< 20	2	< 2	< 10	129	< 10	9	14
393120	0.013	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3
393121	0.057	0.080	0.59	< 2	11	122	0.28	< 20	1	< 2	< 10	123	< 10	9	17
393122	0.067	0.082	0.82	< 2	12	102	0.25	< 20	4	< 2	< 10	127	< 10	9	15
393123	0.060	0.079	0.72	< 2	8	126	0.26	< 20	2	< 2	< 10	106	< 10	8	17
393124	0.079	0.080	1.24	2	8	120	0.29	< 20	4	< 2	< 10	105	< 10	8	18
393125	0.067	0.077	1.91	< 2	7	84	0.28	< 20	3	< 2	< 10	97	< 10	8	16
393126	0.078	0.081	2.35	3	8	86	0.28	< 20	4	< 2	< 10	99	< 10	8	18
393127	0.075	0.092	2.33	< 2	7	88	0.30	< 20	5	< 2	< 10	100	< 10	8	18
393128	0.086	0.084	1.89	< 2	7	103	0.30	< 20	4	< 2	< 10	102	< 10	8	19
393129	0.073	0.083	1.47	< 2	8	88	0.30	< 20	3	< 2	< 10	100	< 10	8	17
393130	0.082	0.079	1.15	< 2	8	94	0.30	< 20	4	< 2	< 10	101	< 10	9	18
393131	0.066	0.080	1.72	< 2	8	100	0.30	< 20	2	< 2	< 10	101	< 10	8	18
393132	0.077	0.093	1.77	< 2	9	118	0.29	< 20	3	< 2	< 10	108	< 10	9	21
393133	0.066	0.079	1.04	2	8	103	0.28	< 20	3	< 2	< 10	103	< 10	8	17
393134	0.088	0.082	1.39	2	7	127	0.30	< 20	5	< 2	< 10	100	< 10	8	18
393135	0.079	0.081	1.31	< 2	7	95	0.30	< 20	3	< 2	< 10	97	< 10	8	16
393136	0.091	0.086	1.19	< 2	8	99	0.31	< 20	3	< 2	< 10	113	< 10	9	19
393137	0.075	0.082	1.23	2	10	104	0.29	< 20	2	< 2	< 10	121	< 10	9	17
393138	0.085	0.081	1.21	2	12	94	0.26	< 20	2	< 2	< 10	129	< 10	8	17
393139	0.064	0.077	2.05	< 2	12	75	0.22	< 20	4	< 2	< 10	129	< 10	8	16
393140	0.114	0.048	0.59	5	6	56	0.14	< 20	< 1	< 2	< 10	75	12	12	8
393141	0.038	0.071	2.00	2	10	104	0.12	< 20	2	< 2	< 10	93	< 10	6	14
393142	0.061	0.084	1.60	< 2	8	98	0.28	< 20	2	< 2	< 10	109	< 10	8	17
393143	0.054	0.079	1.18	2	8	164	0.28	< 20	5	< 2	< 10	101	< 10	8	17
393144	0.050	0.080	0.26	< 2	7	205	0.27	< 20	1	< 2	< 10	98	< 10	8	14
393145	0.044	0.082	0.23	3	7	194	0.27	< 20	3	< 2	< 10	95	< 10	8	12
393146	0.047	0.082	0.05	3	8	195	0.28	< 20	< 1	< 2	< 10	99	< 10	8	12

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
393147	0.047	0.082	0.51	3	7	194	0.29	< 20	4	< 2	< 10	96	< 10	8	14
393148	0.043	0.078	0.12	2	8	176	0.27	< 20	2	< 2	< 10	97	< 10	8	13
393149	0.061	0.081	0.11	2	7	185	0.30	< 20	3	< 2	< 10	98	< 10	8	14
393150	0.048	0.082	0.12	< 2	8	152	0.28	< 20	< 1	< 2	< 10	100	< 10	8	13
393151	0.052	0.083	0.12	3	7	169	0.28	< 20	2	< 2	< 10	89	< 10	8	13
393152	0.049	0.077	0.16	3	8	163	0.28	< 20	2	< 2	< 10	100	< 10	7	14
393153	0.058	0.087	0.17	< 2	7	151	0.29	< 20	1	< 2	< 10	96	< 10	9	14
393154	0.041	0.073	0.48	3	9	146	0.26	< 20	2	< 2	< 10	99	< 10	7	14
393155	0.053	0.068	0.03	3	8	170	0.25	< 20	2	< 2	< 10	85	< 10	7	14
393156	0.054	0.071	0.01	< 2	7	168	0.27	< 20	< 1	< 2	< 10	82	< 10	7	15
393157	0.050	0.069	< 0.01	3	7	155	0.25	< 20	3	< 2	< 10	84	< 10	7	13
393158	0.053	0.069	< 0.01	2	7	149	0.25	< 20	< 1	< 2	< 10	84	< 10	7	14
393159	0.054	0.063	0.06	< 2	9	103	0.22	< 20	2	< 2	< 10	82	< 10	6	15
393160	0.009	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	1	2
393161	0.050	0.064	0.05	< 2	9	120	0.25	< 20	< 1	< 2	< 10	92	< 10	7	15
393162	0.084	0.084	0.03	5	6	229	0.27	< 20	2	< 2	< 10	95	< 10	9	11
393163	0.074	0.084	0.24	3	6	170	0.27	< 20	2	< 2	< 10	87	< 10	8	13
393164	0.058	0.085	0.01	3	7	162	0.26	< 20	< 1	< 2	< 10	96	< 10	8	11
393165	0.076	0.080	< 0.01	3	7	147	0.28	< 20	< 1	< 2	< 10	96	< 10	8	13
393166	0.075	0.074	0.01	< 2	7	164	0.26	< 20	< 1	< 2	< 10	98	< 10	7	14
393167	0.087	0.078	0.03	3	7	164	0.28	< 20	2	< 2	< 10	98	< 10	8	14
393168	0.090	0.076	0.06	3	5	253	0.28	< 20	3	< 2	< 10	95	< 10	8	16
393169	0.084	0.086	0.07	< 2	7	145	0.29	< 20	2	< 2	< 10	103	< 10	9	15
393170	0.055	0.108	0.22	2	10	93	0.15	< 20	< 1	< 2	< 10	113	< 10	8	10
393171	0.025	0.221	< 0.01	3	10	174	0.02	< 20	< 1	< 2	< 10	96	< 10	13	4
393172	0.023	0.221	0.09	3	10	145	0.01	< 20	< 1	< 2	< 10	98	< 10	11	3
393173	0.027	0.200	0.25	< 2	10	95	< 0.01	< 20	< 1	< 2	< 10	99	< 10	13	2
393174	0.062	0.099	0.79	2	8	95	< 0.01	< 20	< 1	< 2	< 10	96	< 10	9	4
393175	0.108	0.136	1.52	< 2	9	39	0.01	< 20	< 1	< 2	< 10	132	< 10	11	4
393176	0.116	0.129	0.83	< 2	9	45	0.02	< 20	< 1	< 2	< 10	151	< 10	11	3
393177	0.060	0.189	0.76	4	8	102	0.04	< 20	4	< 2	< 10	125	< 10	11	3
393178	0.129	0.118	0.11	2	9	51	0.07	< 20	< 1	< 2	< 10	153	< 10	12	5
393179	0.091	0.159	1.02	3	9	56	0.10	< 20	2	< 2	< 10	144	< 10	14	7
393180	0.039	0.032	0.96	3	3	47	0.02	< 20	2	< 2	< 10	23	< 10	4	11
393181	0.080	0.143	0.75	3	8	70	0.08	< 20	< 1	< 2	< 10	125	< 10	13	6
393182	0.085	0.137	1.45	3	7	85	0.06	< 20	2	< 2	< 10	114	< 10	12	6
393183	0.069	0.117	1.12	2	6	75	0.05	< 20	< 1	< 2	< 10	101	< 10	12	4
393184	0.045	0.089	2.22	< 2	5	65	0.01	< 20	< 1	< 2	< 10	68	< 10	17	6
393185	0.019	0.088	3.97	3	4	63	< 0.01	< 20	4	< 2	< 10	62	< 10	14	9
393186	0.070	0.135	0.52	< 2	6	81	0.01	< 20	3	< 2	< 10	95	< 10	10	4
393187	0.098	0.121	2.47	< 2	7	55	< 0.01	< 20	1	< 2	< 10	115	< 10	9	6
393188	0.042	0.178	1.06	4	8	108	< 0.01	< 20	3	< 2	< 10	80	< 10	13	2
393189	0.080	0.142	1.63	< 2	8	74	0.03	< 20	2	< 2	< 10	120	< 10	11	4
393190	0.088	0.149	1.35	2	8	78	0.05	< 20	< 1	< 2	< 10	125	< 10	12	4
393191	0.083	0.143	0.94	2	8	84	0.03	< 20	< 1	< 2	< 10	117	< 10	12	3
393192	0.088	0.137	2.52	< 2	7	57	0.02	< 20	< 1	< 2	< 10	105	< 10	11	6
393193	0.070	0.133	2.72	3	6	117	0.02	< 20	5	< 2	< 10	82	< 10	13	5
393194	0.076	0.135	3.02	2	8	79	0.07	< 20	< 1	< 2	< 10	116	< 10	12	9
393195	0.073	0.144	2.70	3	10	118	0.37	< 20	3	< 2	< 10	139	< 10	12	21
393196	0.089	0.123	2.60	< 2	10	102	0.19	< 20	3	< 2	< 10	144	< 10	12	19
393197	0.086	0.126	3.70	3	8	74	0.08	< 20	1	< 2	< 10	119	< 10	12	12

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
393198	0.082	0.131	2.53	2	9	83	0.12	< 20	4	< 2	< 10	130	< 10	13	11
393199	0.082	0.130	2.32	< 2	8	88	0.04	< 20	< 1	< 2	< 10	107	< 10	12	6
393200	0.012	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2
393201	0.068	0.134	0.93	3	10	131	0.35	< 20	2	< 2	< 10	131	< 10	13	18
393202	0.073	0.135	0.49	2	10	149	0.39	< 20	3	< 2	< 10	133	< 10	13	16
393203	0.092	0.126	0.68	2	9	117	0.29	< 20	6	< 2	< 10	124	< 10	12	15
393204	0.089	0.135	1.51	3	10	158	0.38	< 20	2	< 2	< 10	128	< 10	12	17
393205	0.110	0.131	1.20	< 2	11	89	0.26	< 20	5	< 2	< 10	152	< 10	13	16
393206	0.091	0.136	0.36	< 2	10	126	0.28	< 20	4	< 2	< 10	130	< 10	13	14
393207	0.084	0.136	0.48	< 2	9	169	0.34	< 20	4	< 2	< 10	120	< 10	12	16
393208	0.098	0.134	1.19	2	10	98	0.24	< 20	3	< 2	< 10	145	< 10	13	18
393209	0.083	0.137	3.78	< 2	12	93	0.23	< 20	3	< 2	< 10	162	< 10	12	21
393210	0.076	0.127	3.53	< 2	11	51	0.18	< 20	3	< 2	< 10	160	< 10	11	18
393211	0.083	0.120	2.92	< 2	12	66	0.21	< 20	2	< 2	< 10	159	< 10	11	20
393212	0.097	0.115	2.34	3	12	100	0.24	< 20	3	< 2	< 10	154	< 10	12	20
393213	0.080	0.131	0.76	< 2	9	105	0.20	< 20	1	< 2	< 10	130	< 10	14	13
393214	0.081	0.123	0.27	< 2	9	116	0.24	< 20	5	< 2	< 10	126	< 10	13	12
393215	0.072	0.137	0.15	4	10	170	0.33	< 20	3	< 2	< 10	134	< 10	13	14
393216	0.082	0.122	0.50	< 2	10	176	0.26	< 20	3	< 2	< 10	137	< 10	12	14
393217	0.082	0.130	0.22	3	11	173	0.31	< 20	2	< 2	< 10	137	< 10	13	15
393218	0.080	0.120	0.29	6	10	150	0.22	< 20	3	< 2	< 10	135	< 10	11	13
393219	0.098	0.122	0.18	3	10	124	0.07	< 20	< 1	< 2	< 10	113	< 10	8	4
393220	0.128	0.067	0.55	3	7	61	0.15	< 20	< 1	< 2	< 10	77	22	10	9
393221	0.055	0.107	0.12	5	8	96	0.06	< 20	< 1	< 2	< 10	88	< 10	10	4
393222	0.061	0.113	0.09	4	10	105	0.06	< 20	3	< 2	< 10	108	< 10	10	3
393223	0.064	0.112	0.11	2	11	152	0.18	< 20	6	< 2	< 10	110	< 10	11	10
393224	0.052	0.118	0.05	5	12	141	0.30	< 20	2	< 2	< 10	118	< 10	11	15
393225	0.058	0.114	0.27	3	13	156	0.28	< 20	2	< 2	< 10	121	< 10	11	16
393226	0.078	0.128	0.13	3	14	127	0.29	< 20	< 1	< 2	< 10	136	< 10	13	12
393227	0.076	0.111	0.20	< 2	16	125	0.31	< 20	6	< 2	< 10	156	< 10	12	17
393228	0.066	0.115	0.15	< 2	14	134	0.24	< 20	2	< 2	< 10	139	< 10	12	15
393229	0.054	0.118	0.02	2	12	126	0.17	< 20	1	< 2	< 10	112	< 10	11	8
393230	0.062	0.118	0.07	2	13	145	0.26	< 20	2	< 2	< 10	121	< 10	11	12
393231	0.061	0.110	0.02	2	12	147	0.25	< 20	2	< 2	< 10	115	< 10	11	13
393232	0.060	0.106	0.29	3	14	186	0.23	< 20	6	< 2	< 10	131	< 10	12	16
393233	0.058	0.107	1.21	< 2	14	153	0.19	< 20	2	< 2	< 10	141	< 10	11	16
393234	0.040	0.114	0.17	3	12	184	0.23	< 20	2	< 2	< 10	117	< 10	11	14
393235	0.048	0.113	0.42	3	9	124	0.15	< 20	3	< 2	< 10	104	< 10	11	9
393236	0.045	0.097	0.57	3	9	114	0.15	< 20	< 1	< 2	< 10	94	< 10	9	9
393237	0.059	0.099	1.44	2	11	110	0.15	< 20	6	< 2	< 10	111	< 10	10	11
393238	0.024	0.101	2.41	3	7	90	0.01	< 20	1	< 2	< 10	64	< 10	9	6
393239	0.034	0.107	0.17	3	9	130	0.07	< 20	2	< 2	< 10	89	< 10	10	4
393240	0.013	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	3
393241	0.036	0.116	0.67	2	9	118	0.10	< 20	< 1	< 2	< 10	86	< 10	11	6
393242	0.048	0.121	0.48	3	12	116	0.23	< 20	1	< 2	< 10	109	< 10	12	16
393243	0.038	0.113	0.15	2	11	159	0.24	< 20	< 1	< 2	< 10	108	< 10	11	13
393244	0.042	0.116	0.10	3	14	149	0.35	< 20	3	< 2	< 10	126	< 10	11	17
393245	0.042	0.126	0.07	4	14	178	0.38	< 20	5	< 2	< 10	134	< 10	11	16
393246	0.043	0.111	0.01	3	15	221	0.36	< 20	3	< 2	< 10	137	< 10	11	14
393247	0.040	0.115	0.03	4	16	255	0.38	< 20	4	< 2	< 10	153	< 10	11	15
393248	0.041	0.092	0.09	2	13	265	0.29	< 20	3	< 2	< 10	114	< 10	9	15

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
393249	0.051	0.088	0.49	< 2	7	138	0.13	< 20	4	< 2	< 10	67	< 10	8	7
393250	0.051	0.096	0.08	< 2	7	109	0.15	< 20	2	< 2	< 10	66	< 10	8	6
393251	0.051	0.100	0.40	2	6	110	0.11	< 20	3	< 2	< 10	66	< 10	7	5
393252	0.053	0.086	0.06	< 2	8	134	0.20	< 20	2	< 2	< 10	77	< 10	7	11
393253	0.044	0.086	0.02	< 2	7	128	0.18	< 20	3	< 2	< 10	69	< 10	7	8
393254	0.051	0.084	0.02	< 2	8	134	0.22	< 20	4	< 2	< 10	71	< 10	7	12
393255	0.048	0.093	0.02	2	7	132	0.19	< 20	3	< 2	< 10	68	< 10	7	8
393256	0.057	0.090	< 0.01	< 2	7	127	0.17	< 20	< 1	< 2	< 10	68	< 10	7	7
393257	0.049	0.095	< 0.01	< 2	8	144	0.26	< 20	5	< 2	< 10	74	< 10	7	14
393258	0.049	0.092	< 0.01	< 2	7	165	0.20	< 20	< 1	< 2	< 10	65	< 10	8	9
393259	0.045	0.093	< 0.01	< 2	8	173	0.27	< 20	4	< 2	< 10	73	< 10	8	16
393260	0.042	0.033	0.96	4	3	48	0.03	< 20	3	< 2	< 10	25	< 10	5	12
393261	0.045	0.089	< 0.01	< 2	9	159	0.23	< 20	3	< 2	< 10	74	< 10	7	13
393262	0.043	0.089	0.30	3	8	159	0.23	< 20	2	< 2	< 10	66	< 10	7	12
393263	0.044	0.093	0.15	< 2	8	153	0.24	< 20	< 1	< 2	< 10	69	< 10	7	14
393264	0.046	0.090	0.42	< 2	7	139	0.24	< 20	4	< 2	< 10	70	< 10	7	16
393265	0.041	0.088	0.45	3	8	167	0.21	< 20	< 1	< 2	< 10	73	< 10	7	11
393266	0.046	0.086	1.05	< 2	7	113	0.21	< 20	2	< 2	< 10	64	< 10	7	12
393267	0.042	0.087	0.06	3	9	135	0.26	< 20	2	< 2	< 10	75	< 10	8	16
393268	0.040	0.089	0.12	< 2	10	120	0.29	< 20	3	< 2	< 10	84	< 10	8	20
393269	0.045	0.077	0.06	3	10	91	0.20	< 20	3	< 2	< 10	87	< 10	8	12
393270	0.050	0.085	0.98	< 2	8	61	0.06	< 20	4	< 2	< 10	84	< 10	7	7
393271	0.037	0.074	1.10	3	9	65	0.06	< 20	1	< 2	< 10	75	< 10	7	6
393272	0.044	0.076	0.15	< 2	6	63	0.03	< 20	< 1	< 2	< 10	67	< 10	6	5
393273	0.044	0.089	0.05	< 2	7	58	0.06	< 20	< 1	< 2	< 10	71	< 10	6	3
393274	0.052	0.095	0.02	< 2	7	53	0.03	< 20	< 1	< 2	< 10	83	< 10	6	3
393275	0.053	0.085	0.09	< 2	9	83	0.10	< 20	5	< 2	< 10	90	< 10	7	4
393276	0.046	0.064	0.15	3	10	81	0.12	< 20	3	< 2	< 10	79	< 10	6	8
393277	0.047	0.088	0.04	< 2	7	76	0.13	< 20	5	< 2	< 10	65	< 10	7	6
393278	0.039	0.084	0.59	3	7	102	0.11	< 20	1	< 2	< 10	69	< 10	6	5
393279	0.064	0.056	0.06	2	6	95	0.19	< 20	4	< 2	< 10	59	< 10	5	7
393280	0.016	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	3
393281	0.055	0.055	< 0.01	3	6	78	0.18	< 20	5	< 2	< 10	53	< 10	6	7
393282	0.058	0.055	0.03	4	6	81	0.17	< 20	2	< 2	< 10	56	< 10	5	6
393283	0.068	0.058	0.06	< 2	7	86	0.17	< 20	< 1	< 2	< 10	64	< 10	6	6
393284	0.075	0.053	0.09	< 2	7	81	0.17	< 20	3	< 2	< 10	67	< 10	5	8
393285	0.042	0.226	0.41	3	12	161	0.28	< 20	2	< 2	< 10	126	< 10	11	6

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	0.4	< 0.5	68	1000	< 1	23	101	121	6.63	219	< 10	1070	0.8	2	0.15	10	75	5.38	20	3	1.09	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	69	1010	< 1	26	103	123	6.61	220	< 10	1100	0.8	2	0.15	10	77	5.40	20	2	1.10	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	72	989	1	25	92	113	6.94	202	< 10	783	0.8	3	0.13	13	71	5.99	20	2	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	74	1020	< 1	26	94	117	6.90	202	< 10	796	0.8	3	0.13	14	74	5.87	20	3	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	71	1010	< 1	25	93	117	6.79	201	< 10	780	0.8	4	0.13	14	73	5.76	20	3	1.13	< 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
OREAS 98 (Aqua Regia) Meas	41.5		> 10000				281	1160						40		102							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Meas	41.7		> 10000				296	1200						34		108							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2190	760	< 1	34	69	255	2.77	4		112	0.7	7	0.42	19	45	4.99	< 10		0.50	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2210	768	< 1	36	66	264	2.78	6		108	0.7	8	0.42	18	46	4.98	< 10		0.49	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	3.4	< 0.5	2180	722	< 1	36	59	241	2.73	6		71	0.6	9	0.35	19	41	5.20	< 10		0.45	35	1.26
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	0.8	< 0.5	2250	753	< 1	37	63	256	2.78	4		75	0.7	9	0.37	20	44	5.11	< 10		0.48	36	1.26
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	2210	744	< 1	36	61	245	2.80	6		79	0.7	8	0.38	20	42	5.09	< 10		0.49	37	1.25
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	1.6	< 0.5	4580	859	< 1	32	90	339	2.85	11		75	0.7	28	0.42	21	42	6.01	< 10		0.43	37	1.48
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.8	< 0.5	4440	867	< 1	32	88	349	2.82	6		81	0.7	25	0.43	21	43	5.84	< 10		0.44	37	1.46
OREAS 923 (AQUA REGIA)	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
Cert																							
OREAS 923 (AQUA REGIA) Meas	1.6	< 0.5	4360	829	< 1	35	81	326	2.81	8		58	0.6	24	0.37	23	38	6.04	< 10		0.40	33	1.36
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4530	854	< 1	35	84	328	2.85	8		56	0.6	29	0.38	23	40	6.07	< 10		0.41	34	1.37
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	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4370	854	< 1	34	84	326	2.82	6		63	0.6	21	0.38	22	40	5.97	< 10		0.42	34	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 96 (Aqua Regia) Meas	11.4		> 10000				97	423						60		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.7		> 10000				101	435						63		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 621 (Aqua Regia) Meas	72.3	305	3720	533	13	26	> 5000	> 10000	1.76	80			0.6	4	1.70	31	32	3.41	10	3	0.39	21	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	74.4	316	3840	555	13	26	> 5000	> 10000	1.78	83			0.6	7	1.73	34	31	3.44	10	3	0.40	21	0.46
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.2	290	3530	516	12	25	> 5000	> 10000	1.69	72			0.5	5	1.49	29	27	3.30	< 10	4	0.36	18	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	65.6	288	3450	522	11	25	> 5000	> 10000	1.63	74			0.5	3	1.51	31	27	3.13	< 10	4	0.36	18	0.40
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	67.7	295	3520	527	12	26	> 5000	> 10000	1.70	74			0.5	4	1.51	30	29	3.25	< 10	4	0.37	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 45f (Aqua Regia) Meas			350	167	< 1	228	4	27	7.13			176	1.0	3	0.07	32	335	13.7	20	< 1	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			353	170	< 1	231	14	27	7.14			178	1.0	3	0.07	32	341	13.7	20	2	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
393107 Orig	0.4	< 0.5	42	1210	< 1	96	3	40	2.07	6	11	39	0.5	< 2	3.06	23	115	4.27	< 10	2	0.40	21	3.10
393107 Dup	0.3	< 0.5	42	1200	< 1	96	< 2	39	2.09	5	11	40	0.5	< 2	3.03	23	115	4.29	< 10	2	0.41	21	3.09
393127 Orig	0.2	< 0.5	27	651	< 1	91	< 2	33	1.92	6	109	21	< 0.5	< 2	2.78	26	168	4.25	< 10	4	0.17	< 10	2.35
393127 Dup	0.2	< 0.5	28	666	< 1	92	< 2	34	2.00	5	107	23	< 0.5	< 2	2.84	26	172	4.46	< 10	2	0.17	< 10	2.44

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
393142 Orig	0.2	< 0.5	93	749	< 1	96	3	46	2.19	3	< 10	28	< 0.5	< 2	2.83	29	200	4.62	< 10	2	0.11	< 10	2.75
393142 Dup	0.3	< 0.5	96	763	< 1	100	2	46	2.30	2	< 10	29	< 0.5	< 2	2.88	31	203	4.86	< 10	4	0.12	< 10	2.87
393145 Orig	0.3	< 0.5	102	727	< 1	83	< 2	43	2.46	5	< 10	24	< 0.5	< 2	3.45	23	173	4.18	< 10	2	0.04	< 10	2.54
393145 Split PREP DUP	0.3	< 0.5	104	732	< 1	83	< 2	43	2.46	< 2	< 10	24	< 0.5	< 2	3.50	24	173	4.20	< 10	< 1	0.04	< 10	2.54
393150 Orig	0.2	< 0.5	207	843	< 1	91	< 2	46	2.62	2	< 10	26	< 0.5	< 2	3.19	21	185	4.37	< 10	2	0.05	< 10	2.72
393150 Dup	0.3	< 0.5	202	835	< 1	87	< 2	46	2.48	< 2	< 10	25	< 0.5	< 2	3.17	20	184	4.07	< 10	2	0.05	< 10	2.58
393169 Orig	0.3	< 0.5	63	759	< 1	90	< 2	60	2.70	< 2	10	53	< 0.5	< 2	2.70	21	188	4.50	< 10	1	0.19	< 10	3.18
393169 Dup	0.3	< 0.5	62	758	< 1	90	< 2	61	2.65	< 2	13	55	< 0.5	< 2	2.69	21	191	4.37	< 10	2	0.19	< 10	3.13
393184 Orig	0.3	< 0.5	195	1740	2	26	6	53	1.90	20	11	45	< 0.5	< 2	7.61	10	6	5.13	< 10	< 1	0.46	13	1.29
393184 Dup	0.6	< 0.5	196	1760	2	28	6	54	1.97	20	12	45	< 0.5	< 2	7.72	10	7	5.20	< 10	< 1	0.50	14	1.30
393195 Orig	0.3	< 0.5	40	1050	2	27	< 2	91	2.70	14	15	15	< 0.5	< 2	3.01	33	4	6.44	< 10	2	0.50	14	1.78
393195 Split PREP DUP	0.6	< 0.5	43	1050	2	28	3	90	2.70	15	15	16	< 0.5	< 2	3.02	31	4	6.38	< 10	2	0.50	14	1.76
393198 Orig	0.4	< 0.5	14	1060	2	34	3	82	2.66	17	15	27	0.5	< 2	3.30	20	4	6.43	< 10	2	0.63	14	1.78
393198 Dup	0.3	< 0.5	14	1060	2	32	4	81	2.64	17	15	30	0.5	< 2	3.29	21	3	6.47	< 10	1	0.62	14	1.76
393207 Orig	< 0.2	< 0.5	117	1120	1	24	< 2	85	2.53	4	13	114	< 0.5	2	3.48	16	4	4.77	< 10	< 1	0.36	14	1.45
393207 Dup	< 0.2	< 0.5	119	1130	1	25	< 2	87	2.58	4	14	115	< 0.5	< 2	3.57	16	4	4.83	< 10	< 1	0.37	14	1.47
393226 Orig	0.3	< 0.5	136	1080	< 1	83	< 2	117	2.76	< 2	14	84	< 0.5	< 2	3.81	21	140	5.83	10	1	0.50	16	1.78
393226 Dup	0.3	< 0.5	136	1070	< 1	83	< 2	114	2.70	< 2	13	82	< 0.5	< 2	3.75	21	137	5.75	< 10	1	0.49	16	1.76
393244 Orig	0.3	< 0.5	152	1410	< 1	72	< 2	147	3.04	3	< 10	74	< 0.5	< 2	3.71	27	105	6.75	< 10	2	0.22	11	2.44
393244 Dup	0.3	< 0.5	151	1390	< 1	73	< 2	146	2.99	3	< 10	73	< 0.5	< 2	3.68	26	103	6.69	< 10	1	0.22	11	2.41
393245 Orig	< 0.2	< 0.5	82	1190	< 1	57	8	113	2.79	4	< 10	73	< 0.5	< 2	3.51	26	101	5.86	< 10	< 1	0.18	11	2.34
393245 Split PREP DUP	< 0.2	< 0.5	83	1190	< 1	56	< 2	110	2.75	3	< 10	70	< 0.5	< 2	3.47	26	101	5.86	< 10	2	0.17	11	2.34
393245 Split PREP DUP	< 0.2	< 0.5	83	1190	< 1	56	< 2	110	2.75	3	< 10	70	< 0.5	< 2	3.47	26	101	5.86	< 10	2	0.17	11	2.34
393261 Orig	< 0.2	< 0.5	24	688	< 1	89	< 2	70	2.76	4	13	27	< 0.5	< 2	2.97	24	169	4.22	10	< 1	0.14	17	2.68
393261 Dup	< 0.2	< 0.5	26	683	< 1	87	< 2	70	2.72	2	11	25	< 0.5	< 2	2.90	24	166	4.15	< 10	< 1	0.13	17	2.66
393269 Orig	0.2	< 0.5	34	876	< 1	114	< 2	135	2.79	< 2	< 10	65	< 0.5	< 2	2.75	35	195	4.50	10	< 1	0.14	17	3.06
393269 Dup	< 0.2	< 0.5	35	890	< 1	117	< 2	136	2.85	< 2	< 10	66	< 0.5	< 2	2.77	33	197	4.67	10	< 1	0.14	17	3.17
393285 Orig	< 0.2	< 0.5	113	1220	< 1	136	5	127	3.00	5	< 10	134	0.9	< 2	5.68	31	296	5.55	10	2	0.05	51	4.70
393285 Split PREP DUP	< 0.2	< 0.5	102	1170	< 1	137	2	121	3.04	3	< 10	188	0.8	< 2	5.22	31	282	5.58	10	2	0.05	49	4.64
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	1	< 0.01	< 10	< 0.01
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	0.132	0.034	0.01	5	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.135	0.034	0.01	< 2	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.132	0.033	0.01	4	16	30		< 20	< 1	3	< 10	160	< 10	4	6
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	0.138	0.033	0.01	3	17	31		< 20	< 1	< 2	< 10	165	< 10	4	6
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	0.133	0.033	0.01	4	17	30		< 20	< 1	< 2	< 10	163	< 10	4	6
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110
OREAS 98 (Aqua Regia) Meas				16											
OREAS 98 (Aqua Regia) Cert				15											
OREAS 98 (Aqua Regia) Meas				17											
OREAS 98 (Aqua Regia) Cert				15											
OREAS 922 (AQUA REGIA) Meas	0.032	0.063	0.36	3	3	17		< 20		< 2	< 10	33	< 10	21	15
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.031	0.063	0.36	2	3	17		< 20		< 2	< 10	33	< 10	21	14
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	0.027	0.061	0.35	< 2	3	16		< 20		< 2	< 10	33	< 10	18	16
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	0.030	0.063	0.35	4	4	16		< 20		< 2	< 10	36	< 10	20	17
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 922 (AQUA REGIA) Meas	0.031	0.062	0.35	3	4	16		< 20		< 2	< 10	36	< 10	20	17
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		0.062	0.68	< 2	3	16		< 20		< 2	< 10	33	< 10	19	13
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.66	< 2	3	15		< 20		< 2	< 10	33	< 10	20	14
OREAS 923 (AQUA REGIA)		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
Cert															
OREAS 923 (AQUA REGIA) Meas		0.059	0.64	6	3	14		< 20		< 2	< 10	34	< 10	18	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		0.061	0.66	2	4	15		< 20		< 2	< 10	35	< 10	18	26
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 923 (AQUA REGIA) Meas		0.060	0.64	< 2	4	15		< 20		< 2	< 10	35	< 10	18	23
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			4.01	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 96 (Aqua Regia) Meas			4.15	6											
Oreas 96 (Aqua Regia) Cert			4.38	4.53											
Oreas 621 (Aqua Regia) Meas	0.174	0.034	4.69	100	2	20		< 20		< 2	< 10	12	< 10	8	55
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	0.173	0.033	4.77	98	2	20		< 20		< 2	< 10	12	< 10	8	45
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	0.171	0.032	4.56	100	2	17		< 20		6	< 10	12	< 10	7	57
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	0.170	0.033	4.41	97	2	17		< 20		< 2	< 10	13	< 10	7	57
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	0.175	0.034	4.51	103	2	18		< 20		4	< 10	13	< 10	7	64
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	0.045	0.021	0.02		23	15	0.13	< 20		< 2	< 10	184		5	17
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 45f (Aqua Regia) Meas	0.046	0.021	0.02		23	15	0.12	< 20		< 2	< 10	184		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
393107 Orig	0.051	0.111	1.21	2	8	50	< 0.01	< 20	< 1	< 2	< 10	54	< 10	6	3
393107 Dup	0.052	0.111	1.23	< 2	8	50	< 0.01	< 20	< 1	< 2	< 10	54	< 10	6	3
393127 Orig	0.075	0.090	2.30	2	7	87	0.29	< 20	5	< 2	< 10	99	< 10	8	17
393127 Dup	0.074	0.093	2.36	< 2	7	89	0.30	< 20	4	< 2	< 10	101	< 10	8	18

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
393142 Orig	0.061	0.083	1.57	< 2	8	96	0.28	< 20	3	< 2	< 10	108	< 10	8	17
393142 Dup	0.062	0.086	1.64	2	8	99	0.28	< 20	2	< 2	< 10	110	< 10	9	17
393145 Orig	0.044	0.082	0.23	3	7	194	0.27	< 20	3	< 2	< 10	95	< 10	8	12
393145 Split PREP DUP	0.043	0.082	0.24	3	7	194	0.27	< 20	2	< 2	< 10	95	< 10	8	13
393150 Orig	0.050	0.083	0.12	2	8	155	0.29	< 20	1	< 2	< 10	100	< 10	8	13
393150 Dup	0.046	0.080	0.12	< 2	8	150	0.28	< 20	< 1	< 2	< 10	99	< 10	8	13
393169 Orig	0.083	0.086	0.07	< 2	7	146	0.29	< 20	2	< 2	< 10	103	< 10	9	15
393169 Dup	0.085	0.085	0.07	3	7	145	0.29	< 20	2	< 2	< 10	103	< 10	9	15
393184 Orig	0.044	0.089	2.22	2	4	64	0.01	< 20	< 1	< 2	< 10	66	< 10	17	6
393184 Dup	0.046	0.089	2.22	< 2	5	66	0.01	< 20	1	< 2	< 10	69	< 10	17	6
393195 Orig	0.073	0.144	2.70	3	10	118	0.37	< 20	3	< 2	< 10	139	< 10	12	21
393195 Split PREP DUP	0.078	0.144	2.58	< 2	10	120	0.37	< 20	5	< 2	< 10	143	< 10	13	21
393198 Orig	0.081	0.131	2.52	2	9	83	0.12	< 20	3	< 2	< 10	130	< 10	13	10
393198 Dup	0.082	0.130	2.53	2	9	82	0.12	< 20	6	< 2	< 10	130	< 10	13	11
393207 Orig	0.083	0.135	0.47	< 2	9	166	0.33	< 20	5	< 2	< 10	118	< 10	12	16
393207 Dup	0.085	0.137	0.48	< 2	9	171	0.34	< 20	4	< 2	< 10	121	< 10	13	16
393226 Orig	0.079	0.129	0.13	4	15	128	0.30	< 20	< 1	< 2	< 10	139	< 10	13	13
393226 Dup	0.077	0.126	0.13	3	14	126	0.29	< 20	1	< 2	< 10	134	< 10	13	12
393244 Orig	0.043	0.117	0.10	3	14	150	0.35	< 20	3	< 2	< 10	126	< 10	11	16
393244 Dup	0.042	0.115	0.10	2	14	148	0.35	< 20	3	< 2	< 10	126	< 10	11	17
393245 Orig	0.042	0.126	0.07	4	14	178	0.38	< 20	5	< 2	< 10	134	< 10	11	16
393245 Split PREP DUP	0.037	0.126	0.08	2	14	171	0.37	< 20	3	< 2	< 10	131	< 10	11	15
393245 Split PREP DUP	0.037	0.126	0.08	2	14	171	0.37	< 20	3	< 2	< 10	131	< 10	11	15
393261 Orig	0.046	0.089	< 0.01	3	9	163	0.24	< 20	4	< 2	< 10	75	< 10	7	13
393261 Dup	0.044	0.089	< 0.01	< 2	9	154	0.23	< 20	3	< 2	< 10	73	< 10	7	12
393269 Orig	0.044	0.075	0.06	4	10	91	0.20	< 20	2	< 2	< 10	86	< 10	7	13
393269 Dup	0.046	0.078	0.06	2	10	91	0.20	< 20	4	< 2	< 10	87	< 10	8	12
393285 Orig	0.042	0.226	0.41	3	12	161	0.28	< 20	2	< 2	< 10	126	< 10	11	6
393285 Split PREP DUP	0.046	0.221	0.44	< 2	12	156	0.28	< 20	5	< 2	< 10	127	< 10	10	7
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... **Innovative Technologies**

Report No.:	**A21-05134-Au**
Report Date:	**16-Apr-21**
Date Submitted:	**26-Mar-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

190 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-04-13 07:37:29

REPORT **A21-05134-Au**

Notes:

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

Footnote: Sample 393180 has insufficient sample for 1A3 analysis, informed to proceed without.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393096	34	
393097	50	
393098	41	
393099	114	
393100	4040	
393101	279	
393102	146	
393103	154	
393104	112	
393105	56	
393106	182	
393107	139	
393108	624	
393109	220	
393110	614	
393111	316	
393112	251	
393113	592	
393114	669	
393115	84	
393116	137	
393117	535	
393118	469	
393119	799	
393120	< 5	
393121	225	
393122	94	
393123	152	
393124	241	
393125	130	
393126	98	
393127	136	
393128	234	
393129	55	
393130	75	
393131	79	
393132	63	
393133	53	
393134	65	
393135	41	
393136	29	
393137	27	
393138	69	
393139	44	
393140	4040	
393141	52	
393142	36	
393143	58	
393144	53	
393145	91	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393146	136	
393147	678	
393148	149	
393149	305	
393150	161	
393151	59	
393152	51	
393153	46	
393154	28	
393155	23	
393156	14	
393157	12	
393158	13	
393159	22	
393160	< 5	
393161	15	
393162	19	
393163	19	
393164	13	
393165	20	
393166	28	
393167	14	
393168	19	
393169	45	
393170	162	
393171	23	
393172	1100	
393173	225	
393174	385	
393175	1190	
393176	1800	
393177	494	
393178	436	
393179	866	
393180	> 5000	
393181	455	
393182	430	
393183	451	
393184	846	
393185	1540	
393186	127	
393187	207	
393188	115	
393189	338	
393190	273	
393191	107	
393192	167	
393193	1750	
393194	394	
393195	335	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393196	747	
393197	415	
393198	255	
393199	443	
393200	< 5	
393201	578	
393202	126	
393203	297	
393204	444	
393205	468	
393206	345	
393207	274	
393208	649	
393209	588	
393210	249	
393211	175	
393212	219	
393213	332	
393214	246	
393215	92	
393216	48	
393217	50	
393218	55	
393219	114	
393220	1290	
393221	46	
393222	67	
393223	42	
393224	20	
393225	34	
393226	92	
393227	55	
393228	44	
393229	19	
393230	14	
393231	13	
393232	34	
393233	155	
393234	110	
393235	110	
393236	49	
393237	170	
393238	1600	
393239	16	
393240	< 5	
393241	115	
393242	418	
393243	91	
393244	37	
393245	18	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393246	11	
393247	12	
393248	10	
393249	19	
393250	29	
393251	23	
393252	16	
393253	< 5	
393254	12	
393255	13	
393256	12	
393257	5	
393258	20	
393259	12	
393260	> 5000	8.55
393261	15	
393262	20	
393263	12	
393264	10	
393265	42	
393266	16	
393267	10	
393268	63	
393269	12	
393270	48	
393271	30	
393272	20	
393273	15	
393274	51	
393275	35	
393276	14	
393277	39	
393278	27	
393279	20	
393280	< 5	
393281	13	
393282	18	
393283	168	
393284	29	
393285	20	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
OREAS 229b (Fire Assay) Meas		12.2
OREAS 229b (Fire Assay) Cert		11.9
OREAS 238 (Fire Assay) Meas	3100	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3140	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3170	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3160	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3090	
OREAS 238 (Fire Assay) Cert	3030	
OREAS 238 (Fire Assay) Meas	3150	
OREAS 238 (Fire Assay) Cert	3030	
Oreas E1336 (Fire Assay) Meas	509	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	513	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	512	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	510	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	520	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	528	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	512	
Oreas E1336 (Fire Assay) Cert	510	
Oreas E1336 (Fire Assay) Meas	518	
Oreas E1336 (Fire Assay) Cert	510	
OREAS 297 (Fire Assay) Meas		17.1
OREAS 297 (Fire Assay) Cert		17.8
393104 Orig	115	
393104 Dup	109	
393114 Orig	664	
393114 Dup	673	
393118 Orig	466	
393118 Dup	472	
393139 Orig	44	
393139 Dup	44	
393145 Orig	91	
393145 Split PREP DUP	81	
393148 Orig	164	
393148 Dup	133	
393152 Orig	47	
393152 Dup	55	
393172 Orig	1060	
393172 Dup	1150	
393173 Orig	240	
393173 Dup	209	
393183 Orig	495	
393183 Dup	406	
393187 Orig	214	
393187 Dup	200	
393195 Orig	335	
393195 Split PREP DUP	321	
393207 Orig	258	
393207 Dup	290	
393217 Orig	49	
393217 Dup	50	
393221 Orig	44	
393221 Dup	47	
393242 Orig	406	
393242 Dup	430	
393245 Orig	18	
393245 Split PREP DUP	16	
393251 Orig	23	
393251 Dup	22	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
393255 Orig	16	
393255 Dup	10	
393276 Orig	15	
393276 Dup	13	
393284 Orig	29	
393284 Dup	29	
393285 Orig	20	
393285 Split PREP DUP	19	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03

Quality Analysis ... **Innovative Technologies**

Report No.:	**A21-05504**
Report Date:	**03-May-21**
Date Submitted:	**01-Apr-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

175 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-04-16 07:57:53
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-04-19 16:19:48
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-04-29 17:43:45

REPORT **A21-05504**

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

Notes:

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

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

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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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
393286	81	0.7	< 0.5	74	1410	13	30	33	111	1.32	4	< 10	14	0.6	2	2.44	21	36	6.60	< 10	2	0.38	26
393287	73	0.7	< 0.5	96	968	14	28	15	73	1.13	4	24	13	0.7	< 2	2.78	21	23	5.85	< 10	< 1	0.68	42
393288	122	0.8	< 0.5	57	847	10	34	11	70	1.58	6	32	18	0.9	2	2.27	24	31	5.32	< 10	< 1	0.99	49
393289	82	0.6	< 0.5	37	641	30	16	22	65	1.17	22	23	27	0.7	< 2	1.85	15	12	3.43	< 10	< 1	0.79	33
393290	44	0.3	< 0.5	24	468	17	9	33	43	1.04	6	18	31	< 0.5	5	1.90	11	7	2.84	< 10	< 1	0.65	26
393291	48	< 0.2	< 0.5	15	534	8	10	19	36	0.85	7	15	23	< 0.5	3	1.66	13	8	2.87	< 10	1	0.54	25
393292	160	< 0.2	< 0.5	93	1020	5	28	5	57	1.68	5	23	27	1.0	< 2	2.71	23	25	4.75	< 10	< 1	0.94	51
393293	143	< 0.2	< 0.5	78	1020	4	21	4	62	1.54	7	12	32	0.6	< 2	2.06	20	23	3.98	< 10	< 1	0.49	44
393294	85	< 0.2	< 0.5	47	1320	4	24	3	66	1.77	5	14	34	0.8	< 2	2.84	20	29	4.08	< 10	< 1	0.66	52
393295	260	< 0.2	< 0.5	69	1190	5	31	6	73	1.64	6	13	24	0.7	< 2	2.46	23	33	4.92	< 10	< 1	0.60	45
393296	166	0.2	< 0.5	80	1280	3	30	5	83	1.81	4	14	23	0.8	< 2	2.69	19	32	5.10	10	< 1	0.67	47
393297	112	< 0.2	0.5	77	1250	4	42	5	85	1.80	4	16	27	0.8	< 2	2.75	21	44	4.56	< 10	< 1	0.73	49
393298	65	< 0.2	< 0.5	75	985	3	99	< 2	79	2.61	5	25	55	0.9	< 2	2.65	29	129	4.43	< 10	< 1	1.27	31
393299	42	< 0.2	< 0.5	72	1060	2	118	< 2	62	2.42	5	23	48	0.7	< 2	2.63	34	142	4.48	< 10	< 1	1.14	20
393300	3900	0.9	0.6	396	759	389	28	50	144	1.63	22	16	85	< 0.5	< 2	1.31	9	44	3.52	< 10	< 1	0.28	11
393301	33	< 0.2	< 0.5	84	996	1	100	< 2	50	2.04	6	21	101	0.6	< 2	2.75	30	140	3.68	< 10	< 1	0.96	23
393302	91	0.2	< 0.5	66	749	2	66	5	58	1.68	5	25	26	0.7	< 2	2.95	24	82	4.13	< 10	< 1	0.88	33
393303	111	0.5	< 0.5	49	703	2	31	15	53	1.12	10	22	24	0.7	2	2.48	19	32	3.76	< 10	< 1	0.68	38
393304	90	1.0	< 0.5	48	1230	2	25	26	69	0.57	10	11	22	< 0.5	3	2.51	15	18	3.97	< 10	2	0.23	22
393305	158	1.0	< 0.5	31	1070	4	23	15	59	0.99	58	18	19	0.6	2	2.72	18	18	4.71	< 10	< 1	0.60	36
393306	81	1.2	< 0.5	44	671	2	24	37	90	0.63	64	15	12	< 0.5	< 2	2.16	15	19	4.23	< 10	< 1	0.41	41
393307	136	1.0	< 0.5	697	847	4	27	14	111	1.10	49	24	14	0.7	< 2	2.68	20	17	5.50	< 10	< 1	0.72	37
393308	88	0.6	< 0.5	113	966	3	24	8	56	1.20	41	32	15	0.7	< 2	2.41	21	19	5.12	< 10	< 1	0.78	46
393309	133	0.8	< 0.5	74	936	4	32	13	74	0.98	21	21	16	0.5	2	2.85	17	18	5.21	< 10	< 1	0.61	37
393310	210	1.4	< 0.5	101	1190	4	26	13	59	0.90	28	22	20	0.5	< 2	3.43	19	17	5.18	< 10	< 1	0.56	34
393311	102	0.5	< 0.5	51	940	2	25	8	59	1.08	47	25	19	0.6	3	2.43	19	21	4.84	< 10	< 1	0.66	40
393312	143	0.7	< 0.5	19	810	4	27	13	63	1.22	40	29	16	0.6	3	2.05	20	17	5.07	< 10	< 1	0.77	41
393313	228	0.7	< 0.5	127	896	8	26	19	77	1.13	17	23	10	0.6	3	2.92	21	16	6.07	< 10	< 1	0.74	33
393314	187	0.6	< 0.5	40	893	3	21	11	61	1.20	5	25	14	0.7	2	3.11	19	18	5.42	< 10	< 1	0.71	45
393315	129	0.4	< 0.5	14	867	5	20	6	50	1.13	11	22	19	0.7	< 2	3.15	18	19	4.74	< 10	< 1	0.71	46
393316	160	0.7	< 0.5	21	814	4	23	10	53	1.04	29	21	15	0.6	< 2	2.96	18	17	5.05	< 10	< 1	0.67	40
393317	99	0.5	< 0.5	36	771	5	26	13	65	1.06	29	22	21	0.6	< 2	3.25	17	21	5.01	< 10	< 1	0.69	38
393318	161	0.5	< 0.5	24	841	3	24	13	58	0.88	23	19	23	0.5	2	3.33	21	14	5.43	< 10	< 1	0.53	36
393319	165	0.7	< 0.5	220	849	2	21	13	54	1.18	8	26	18	0.7	3	3.17	18	15	5.23	< 10	< 1	0.73	43
393320	< 5	< 0.2	< 0.5	< 1	22	< 1	< 1	< 2	3	0.06	< 2	< 10	13	< 0.5	< 2	0.01	< 1	3	0.24	< 10	< 1	< 0.01	< 10
393321	196	0.9	< 0.5	173	881	2	23	13	63	1.34	7	29	15	0.8	3	3.29	21	16	5.52	< 10	1	0.83	44
393322	99	0.5	< 0.5	53	1340	2	34	11	96	0.88	8	18	47	0.5	3	8.37	14	8	5.32	< 10	< 1	0.59	29
393323	96	0.5	< 0.5	57	1200	2	32	12	80	0.99	14	19	33	0.6	4	7.20	16	9	5.29	< 10	< 1	0.65	33
393324	219	0.2	< 0.5	52	883	1	28	12	65	1.10	15	22	29	0.6	5	4.43	14	14	3.36	< 10	< 1	0.70	28
393325	110	0.7	< 0.5	91	823	4	28	17	41	1.12	7	27	16	0.7	4	3.13	21	20	4.72	< 10	1	0.74	40
393326	91	0.6	< 0.5	54	1070	7	25	17	43	0.85	7	20	14	< 0.5	5	3.08	20	17	4.61	< 10	< 1	0.53	40
393327	93	0.6	< 0.5	184	905	6	23	16	38	0.95	8	23	16	0.5	3	3.46	22	16	4.68	< 10	< 1	0.61	37
393328	159	0.7	< 0.5	59	1050	13	24	11	41	1.20	17	26	17	0.7	3	3.92	19	12	5.20	< 10	< 1	0.80	41
393329	484	0.5	< 0.5	620	971	3	21	9	38	1.38	15	28	17	0.7	2	4.02	24	11	4.95	< 10	< 1	0.91	39
393330	97	0.6	< 0.5	34	888	2	22	15	47	1.03	8	26	11	0.6	4	3.60	21	14	5.22	< 10	< 1	0.68	45
393331	158	1.4	< 0.5	264	788	2	24	17	72	1.12	13	26	15	0.6	4	3.08	19	15	4.38	< 10	< 1	0.72	37
393332	199	0.9	0.6	89	909	2	26	18	49	1.25	12	27	12	0.7	4	3.26	23	13	4.82	< 10	< 1	0.83	38
393333	95	0.7	< 0.5	27	889	2	25	24	62	0.96	14	23	< 10	0.6	4	3.87	22	16	4.97	< 10	< 1	0.62	37
393334	172	0.7	< 0.5	40	889	4	25	14	44	1.12	12	21	< 10	0.6	3	3.44	17	12	5.51	< 10	< 1	0.74	33
393335	269	1.0	< 0.5	34	860	2	21	16	52	1.14	6	20	10	0.6	3	3.34	20	13	5.24	< 10	< 1	0.76	35
393336	271	1.0	< 0.5	32	829	2	20	12	48	1.19	5	23	10	0.6	4	2.86	22	12	5.19	< 10	< 1	0.79	39

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
393337	277	0.8	< 0.5	36	925	2	23	11	30	0.81	8	16	12	< 0.5	4	3.10	21	8	5.56	< 10	< 1	0.54	37
393338	133	0.5	< 0.5	31	748	2	23	13	37	1.03	8	22	12	0.6	5	2.96	21	13	5.23	< 10	< 1	0.67	38
393339	195	1.4	< 0.5	374	719	2	23	15	54	1.27	12	24	16	0.7	6	3.10	25	11	4.84	< 10	< 1	0.83	35
393340	4010	0.9	< 0.5	406	756	399	29	51	148	1.62	25	12	57	< 0.5	< 2	1.32	9	44	3.62	< 10	< 1	0.27	< 10
393341	103	0.5	< 0.5	73	636	2	30	11	30	0.72	7	17	22	0.5	2	2.64	20	18	3.66	< 10	< 1	0.47	21
393342	162	0.2	< 0.5	46	675	1	32	8	27	1.07	5	21	18	0.6	3	2.77	18	24	3.98	< 10	< 1	0.67	25
393343	204	0.3	< 0.5	74	839	3	32	10	23	1.17	4	26	17	0.6	2	2.90	23	19	4.41	< 10	< 1	0.75	29
393344	121	0.6	< 0.5	54	1110	1	27	15	32	1.13	5	22	15	0.6	3	3.37	22	15	5.06	< 10	1	0.71	32
393345	158	0.4	< 0.5	31	814	1	25	14	35	0.87	7	18	16	< 0.5	3	2.44	18	15	4.08	< 10	1	0.56	29
393346	93	0.6	< 0.5	53	699	2	23	8	27	1.19	9	24	15	0.6	3	2.09	22	13	4.35	< 10	< 1	0.79	30
393347	83	0.5	< 0.5	59	940	3	19	10	28	1.15	11	23	14	0.6	3	3.00	21	8	5.20	< 10	1	0.77	28
393348	111	0.7	< 0.5	56	865	2	19	14	37	0.97	9	21	13	< 0.5	3	3.20	21	8	5.07	< 10	< 1	0.65	27
393349	116	0.7	< 0.5	43	512	2	22	14	29	1.36	11	27	14	0.5	4	1.32	26	12	4.96	< 10	< 1	0.98	31
393350	64	< 0.2	< 0.5	133	601	2	28	5	44	1.50	9	29	12	0.6	< 2	1.08	27	15	6.09	< 10	3	0.94	36
393351	108	0.3	< 0.5	63	541	3	29	11	28	1.21	8	24	13	< 0.5	< 2	1.05	27	12	5.90	< 10	< 1	0.85	34
393352	126	0.6	< 0.5	19	546	1	33	13	23	1.22	10	24	16	< 0.5	< 2	1.04	19	17	4.08	< 10	2	0.85	25
393353	370	0.8	< 0.5	240	552	1	83	8	31	1.47	18	36	16	0.5	< 2	0.80	31	52	4.72	< 10	< 1	0.93	17
393354	105	1.1	< 0.5	27	720	< 1	37	9	43	1.59	16	27	16	< 0.5	3	1.10	18	10	5.48	< 10	1	0.89	27
393355	194	0.6	< 0.5	101	933	< 1	75	8	67	2.01	18	32	17	0.5	< 2	1.52	24	49	5.73	< 10	2	0.97	22
393356	98	0.5	< 0.5	50	659	< 1	61	12	60	1.23	22	17	14	< 0.5	< 2	1.33	29	12	5.99	< 10	< 1	0.50	19
393357	141	< 0.2	< 0.5	137	254	1	21	3	23	1.89	8	31	22	0.6	< 2	0.85	17	14	3.14	< 10	< 1	1.25	36
393358	265	< 0.2	< 0.5	68	440	1	19	7	22	1.75	8	28	26	0.7	< 2	0.94	16	10	2.91	< 10	< 1	1.10	40
393359	649	< 0.2	< 0.5	66	1610	7	48	< 2	27	1.55	7	19	42	0.6	4	2.73	20	28	3.25	< 10	< 1	0.85	26
393360	5	< 0.2	< 0.5	1	31	< 1	1	< 2	3	0.07	< 2	< 10	13	< 0.5	< 2	0.02	< 1	4	0.26	< 10	< 1	0.01	< 10
393361	42	< 0.2	< 0.5	65	1160	< 1	155	< 2	59	2.43	3	13	71	< 0.5	< 2	3.72	28	156	4.06	< 10	< 1	0.68	14
393362	85	< 0.2	< 0.5	57	623	< 1	162	< 2	60	2.94	4	< 10	60	< 0.5	2	3.28	31	234	4.08	< 10	< 1	0.38	15
393363	86	< 0.2	< 0.5	51	761	< 1	138	< 2	54	2.64	5	< 10	71	< 0.5	< 2	3.17	22	203	3.69	< 10	< 1	0.37	18
393364	60	0.2	< 0.5	36	812	< 1	164	< 2	67	3.12	2	< 10	49	< 0.5	< 2	2.52	29	245	4.85	10	2	0.21	17
393365	68	0.3	< 0.5	54	477	1	65	7	39	1.92	23	12	24	< 0.5	< 2	2.30	20	96	3.67	< 10	< 1	0.45	21
393366	47	0.6	< 0.5	41	572	1	101	7	54	2.01	8	< 10	13	< 0.5	3	2.09	21	180	4.50	10	< 1	0.22	18
393367	126	0.9	< 0.5	22	1140	2	51	16	50	1.41	6	< 10	22	< 0.5	< 2	5.69	23	57	4.41	< 10	< 1	0.26	27
393368	133	0.6	< 0.5	21	708	3	83	6	70	1.26	12	10	20	< 0.5	< 2	2.82	19	44	4.40	< 10	< 1	0.23	20
393369	365	0.6	< 0.5	403	662	2	77	11	44	1.63	11	22	22	< 0.5	< 2	3.70	18	121	3.28	< 10	< 1	0.41	20
393370	260	0.3	< 0.5	34	587	2	109	12	54	2.06	9	20	32	< 0.5	2	3.62	23	150	3.76	< 10	< 1	0.40	16
393371	216	< 0.2	< 0.5	63	586	< 1	162	3	51	2.67	5	12	51	< 0.5	< 2	2.80	30	225	3.91	< 10	< 1	0.37	13
393372	71	< 0.2	< 0.5	105	693	< 1	146	< 2	46	2.34	4	< 10	40	< 0.5	< 2	3.22	23	252	3.52	10	< 1	0.17	14
393373	24	0.2	< 0.5	53	662	< 1	156	3	49	2.43	6	< 10	32	< 0.5	< 2	2.77	25	255	3.90	10	< 1	0.15	15
393374	56	< 0.2	< 0.5	58	709	< 1	181	< 2	57	2.79	4	< 10	32	< 0.5	< 2	2.68	29	281	4.39	10	< 1	0.12	12
393375	36	0.3	< 0.5	101	742	< 1	192	3	63	2.92	3	< 10	28	< 0.5	< 2	2.95	27	286	4.60	10	< 1	0.12	14
393376	29	< 0.2	< 0.5	87	766	< 1	176	< 2	63	2.69	6	< 10	50	< 0.5	< 2	3.00	25	293	4.20	10	< 1	0.13	14
393377	44	0.2	< 0.5	69	756	2	177	15	59	2.52	9	< 10	35	< 0.5	< 2	2.79	29	268	4.21	10	< 1	0.12	14
393378	92	0.2	< 0.5	59	742	2	164	7	50	2.31	6	< 10	44	< 0.5	< 2	2.91	29	263	3.63	< 10	< 1	0.15	13
393379	34	0.2	< 0.5	39	769	2	161	3	52	2.50	5	< 10	47	< 0.5	3	3.50	27	273	3.90	10	< 1	0.13	14
393380	1090	1.0	0.7	632	513	32	34	85	106	1.65	20	16	34	< 0.5	< 2	1.23	14	48	3.57	< 10	< 1	0.29	< 10
393381	63	0.4	< 0.5	68	686	2	169	3	59	2.59	6	< 10	36	< 0.5	2	2.74	27	274	4.15	10	< 1	0.12	14
393382	34	0.2	< 0.5	88	711	< 1	177	< 2	54	2.77	6	< 10	46	< 0.5	< 2	2.96	27	263	4.30	10	< 1	0.12	15
393383	35	0.2	< 0.5	26	702	< 1	181	8	54	2.82	10	< 10	40	< 0.5	4	3.09	31	263	4.79	10	< 1	0.22	14
393384	65	0.3	< 0.5	131	764	< 1	178	< 2	72	2.97	8	11	34	< 0.5	< 2	2.80	31	241	4.58	10	< 1	0.35	16
393385	62	0.3	< 0.5	75	716	< 1	182	< 2	55	2.87	12	13	43	< 0.5	4	2.81	27	252	4.63	< 10	< 1	0.35	15
393386	84	0.3	< 0.5	93	760	< 1	177	< 2	54	2.78	8	12	45	< 0.5	< 2	3.74	33	249	4.25	< 10	< 1	0.38	15
393387	62	0.4	< 0.5	82	691	2	177	3	54	2.79	11	16	30	< 0.5	6	3.69	30	227	5.24	< 10	3	0.46	14

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
393388	117	0.5	< 0.5	504	746	3	166	3	66	2.85	9	13	26	< 0.5	9	3.07	29	234	5.74	< 10	3	0.38	14
393389	251	0.6	< 0.5	1110	677	< 1	210	5	72	2.95	12	< 10	13	< 0.5	17	1.88	39	333	7.27	10	2	0.27	12
393390	52	0.3	< 0.5	294	779	< 1	141	< 2	66	2.87	7	10	32	< 0.5	5	2.99	30	230	5.39	10	2	0.36	18
393391	50	0.3	< 0.5	171	727	< 1	118	< 2	60	2.48	5	< 10	39	< 0.5	3	3.03	26	184	4.53	< 10	< 1	0.32	19
393392	51	0.3	< 0.5	180	727	< 1	115	< 2	57	2.49	5	10	44	< 0.5	< 2	2.78	27	174	4.21	< 10	< 1	0.31	20
393393	296	0.3	< 0.5	131	676	< 1	111	2	57	2.21	7	< 10	33	< 0.5	4	2.81	26	196	4.75	< 10	< 1	0.20	20
393394	70	0.4	< 0.5	99	804	< 1	123	4	79	2.80	6	< 10	37	< 0.5	< 2	2.87	32	213	4.83	10	< 1	0.26	19
393395	55	0.3	< 0.5	92	716	< 1	126	4	79	2.69	8	< 10	34	< 0.5	< 2	2.83	25	219	4.33	10	< 1	0.36	19
393396	89	0.3	0.6	23	752	< 1	104	3	90	2.75	3	< 10	35	< 0.5	< 2	2.71	38	165	4.54	< 10	< 1	0.43	21
393397	38	0.3	< 0.5	10	853	< 1	120	< 2	89	2.92	4	< 10	42	< 0.5	< 2	3.01	32	215	4.48	10	< 1	0.38	19
393398	150	0.8	< 0.5	106	927	87	108	13	86	2.10	11	12	34	< 0.5	6	5.11	29	153	4.80	< 10	< 1	0.41	19
393399	59	0.4	< 0.5	75	1110	25	132	5	126	2.95	5	11	26	< 0.5	2	2.95	29	212	5.34	< 10	1	0.39	19
393400	< 5	< 0.2	< 0.5	2	92	< 1	2	< 2	5	0.06	< 2	< 10	17	< 0.5	< 2	0.02	< 1	9	0.65	< 10	< 1	0.01	< 10
393401	91	0.7	< 0.5	79	1100	< 1	125	2	107	3.04	6	< 10	26	< 0.5	< 2	3.53	40	223	5.50	10	2	0.27	19
393402	98	0.8	< 0.5	72	1080	< 1	133	3	113	3.04	10	< 10	29	< 0.5	< 2	3.14	32	239	5.45	10	< 1	0.17	19
393403	51	0.6	< 0.5	53	1100	< 1	126	< 2	89	2.99	5	< 10	37	< 0.5	3	3.50	41	240	5.64	10	2	0.15	20
393404	42	0.3	< 0.5	119	1090	< 1	125	< 2	90	3.10	5	< 10	54	< 0.5	3	3.51	35	213	5.34	10	3	0.19	20
393405	22	0.4	< 0.5	65	1160	< 1	131	7	92	3.30	4	< 10	55	< 0.5	< 2	3.76	30	231	5.95	10	2	0.19	21
393406	39	0.5	< 0.5	36	1020	< 1	123	5	73	2.47	11	< 10	39	< 0.5	< 2	3.36	26	198	5.41	10	2	0.14	19
393407	52	0.5	< 0.5	71	1090	1	137	5	77	2.73	9	< 10	51	< 0.5	< 2	4.86	27	217	5.49	10	2	0.20	16
393408	23	< 0.2	< 0.5	70	1070	< 1	196	3	78	3.43	2	< 10	113	< 0.5	< 2	4.83	35	342	5.58	10	2	0.17	21
393409	62	0.6	< 0.5	9	965	< 1	155	< 2	70	2.74	10	< 10	30	< 0.5	< 2	3.62	42	257	5.20	10	2	0.12	16
393410	21	0.2	< 0.5	71	945	< 1	159	< 2	71	2.78	3	< 10	58	< 0.5	< 2	3.26	28	264	4.64	10	< 1	0.12	16
393411	59	0.4	< 0.5	7	893	< 1	140	3	62	2.60	6	< 10	46	< 0.5	< 2	3.24	34	255	5.11	10	< 1	0.12	16
393412	58	0.3	< 0.5	100	908	< 1	136	< 2	62	2.62	3	< 10	21	< 0.5	2	3.51	25	250	4.51	10	< 1	0.08	17
393413	22	0.3	< 0.5	79	870	< 1	141	< 2	63	2.70	3	< 10	27	< 0.5	3	3.40	30	233	4.67	10	< 1	0.16	16
393414	29	0.3	< 0.5	80	857	< 1	131	< 2	60	2.68	6	< 10	41	< 0.5	2	3.64	29	220	4.56	< 10	< 1	0.13	16
393415	33	0.3	< 0.5	79	903	1	168	3	60	2.64	6	< 10	49	< 0.5	3	3.60	30	265	4.72	10	< 1	0.11	14
393416	19	0.2	< 0.5	52	991	< 1	156	< 2	65	3.00	7	< 10	43	< 0.5	< 2	3.65	29	278	5.05	10	< 1	0.05	17
393417	56	0.5	< 0.5	28	960	< 1	162	7	67	2.97	11	< 10	33	< 0.5	< 2	3.88	34	348	5.38	10	< 1	0.05	17
393418	15	0.3	< 0.5	96	979	< 1	144	< 2	75	3.08	5	< 10	65	< 0.5	< 2	3.22	31	253	5.54	10	2	0.11	18
393419	13	< 0.2	< 0.5	140	1030	< 1	154	< 2	75	3.23	4	< 10	64	< 0.5	< 2	3.55	30	257	5.48	10	< 1	0.11	19
393420	1110	1.0	0.9	669	537	32	36	90	110	1.75	22	13	42	< 0.5	< 2	1.27	14	50	3.78	< 10	< 1	0.31	< 10
393421	14	0.3	< 0.5	57	1050	< 1	144	< 2	71	3.02	3	< 10	110	< 0.5	< 2	3.75	28	246	5.14	10	< 1	0.08	17
393422	20	0.4	< 0.5	125	1040	< 1	134	< 2	84	3.32	4	< 10	90	< 0.5	< 2	3.66	47	233	5.89	10	2	0.16	19
393423	10	< 0.2	< 0.5	58	967	< 1	145	< 2	82	2.97	3	< 10	83	< 0.5	2	3.58	30	237	4.78	10	< 1	0.19	16
393424	9	< 0.2	< 0.5	18	943	< 1	149	< 2	79	3.09	3	< 10	33	< 0.5	2	3.39	34	246	5.20	10	2	0.13	15
393425	9	< 0.2	< 0.5	44	918	< 1	152	< 2	79	2.87	3	< 10	29	< 0.5	< 2	3.12	26	253	4.88	10	< 1	0.11	15
393426	< 5	< 0.2	< 0.5	47	854	< 1	172	< 2	78	3.06	3	< 10	72	< 0.5	< 2	2.73	28	288	4.92	10	< 1	0.14	14
393427	6	< 0.2	< 0.5	27	821	< 1	172	< 2	80	3.10	3	< 10	87	< 0.5	< 2	2.77	28	274	4.87	10	< 1	0.08	14
393428	< 5	< 0.2	< 0.5	32	762	< 1	170	3	84	3.16	3	< 10	27	< 0.5	< 2	2.63	29	274	4.81	10	1	0.11	15
393429	< 5	< 0.2	< 0.5	54	825	< 1	173	< 2	86	3.19	2	< 10	86	< 0.5	< 2	2.80	28	283	4.86	10	1	0.11	14
393430	25	< 0.2	< 0.5	42	876	< 1	159	< 2	92	3.15	3	< 10	76	< 0.5	< 2	2.64	30	266	4.86	10	< 1	0.13	15
393431	14	0.2	< 0.5	75	893	< 1	159	< 2	88	3.10	< 2	< 10	42	< 0.5	< 2	2.77	28	262	4.83	10	< 1	0.15	16
393432	19	0.2	< 0.5	41	788	< 1	157	< 2	85	3.08	3	< 10	37	< 0.5	< 2	2.47	29	260	4.92	10	1	0.13	15
393433	8	< 0.2	< 0.5	62	760	< 1	142	< 2	75	3.06	< 2	< 10	61	< 0.5	< 2	2.80	27	242	4.73	10	< 1	0.15	14
393434	6	< 0.2	< 0.5	41	757	< 1	147	< 2	73	3.03	< 2	< 10	76	< 0.5	< 2	2.71	25	249	4.65	10	< 1	0.12	14
393435	15	< 0.2	< 0.5	54	704	< 1	124	< 2	64	2.73	3	< 10	40	< 0.5	< 2	2.76	24	191	4.51	10	< 1	0.13	14
393436	17	< 0.2	< 0.5	49	745	< 1	100	< 2	66	2.97	< 2	< 10	75	< 0.5	< 2	2.79	28	152	4.79	10	2	0.21	13
393437	40	< 0.2	< 0.5	38	833	< 1	127	< 2	66	2.96	4	< 10	28	< 0.5	< 2	3.23	28	205	4.88	10	< 1	0.11	13
393438	42	< 0.2	< 0.5	29	858	< 1	124	4	71	3.08	3	< 10	41	< 0.5	< 2	3.18	31	221	5.00	10	< 1	0.16	12

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
393439	13	< 0.2	< 0.5	31	811	< 1	94	< 2	97	3.00	2	< 10	151	< 0.5	2	3.07	27	137	4.87	10	< 1	0.18	13
393440	< 5	< 0.2	< 0.5	2	54	< 1	< 1	< 2	2	0.05	< 2	< 10	13	< 0.5	< 2	< 0.01	< 1	7	0.44	< 10	< 1	< 0.01	< 10
393441	20	0.2	< 0.5	14	842	< 1	88	< 2	86	2.92	3	< 10	84	< 0.5	< 2	4.02	27	129	4.97	10	2	0.21	11
393442	9	< 0.2	< 0.5	48	885	< 1	103	< 2	96	3.16	4	< 10	414	< 0.5	< 2	2.98	28	143	5.09	10	2	0.33	13
393443	8	< 0.2	< 0.5	52	781	< 1	95	< 2	90	2.97	< 2	< 10	82	< 0.5	< 2	2.74	26	128	4.65	10	< 1	0.31	16
393444	9	< 0.2	< 0.5	31	778	< 1	106	< 2	87	2.90	< 2	< 10	62	< 0.5	< 2	3.29	26	135	4.64	10	< 1	0.32	15
393445	8	< 0.2	< 0.5	34	729	< 1	101	< 2	77	2.64	< 2	< 10	60	< 0.5	< 2	3.08	24	114	4.20	< 10	< 1	0.37	15
393446	45	0.3	< 0.5	38	826	< 1	113	< 2	86	2.97	4	< 10	67	< 0.5	< 2	3.19	29	132	4.55	10	< 1	0.22	12
393447	9	< 0.2	< 0.5	20	850	< 1	109	< 2	89	2.94	13	< 10	53	< 0.5	2	2.77	25	140	4.63	< 10	< 1	0.20	12
393448	8	< 0.2	< 0.5	68	797	< 1	102	< 2	81	2.93	8	10	80	< 0.5	< 2	3.04	21	155	4.45	< 10	< 1	0.29	14
393449	13	< 0.2	< 0.5	59	853	< 1	98	3	91	2.87	5	< 10	183	< 0.5	< 2	3.32	21	155	4.55	< 10	< 1	0.24	13
393450	7	< 0.2	< 0.5	75	840	< 1	104	3	83	3.03	3	< 10	74	< 0.5	< 2	2.89	14	163	4.64	10	< 1	0.29	14
393451	179	0.6	< 0.5	138	795	< 1	93	20	87	2.68	4	< 10	44	< 0.5	3	3.00	21	145	4.75	< 10	< 1	0.29	13
393452	225	0.8	< 0.5	260	875	< 1	92	3	72	2.61	8	< 10	41	< 0.5	3	4.06	27	155	5.20	< 10	2	0.24	10
393453	18	< 0.2	< 0.5	25	769	< 1	96	< 2	67	2.77	2	< 10	34	< 0.5	< 2	3.14	15	162	4.52	< 10	< 1	0.22	16
393454	8	< 0.2	< 0.5	14	791	< 1	100	< 2	74	2.89	< 2	< 10	47	< 0.5	< 2	3.11	21	174	4.60	< 10	< 1	0.22	13
393455	8	< 0.2	< 0.5	20	748	< 1	94	< 2	69	2.79	< 2	< 10	188	< 0.5	< 2	2.95	23	161	4.40	10	< 1	0.18	14
393456	12	< 0.2	< 0.5	4	734	< 1	92	< 2	71	2.69	< 2	< 10	176	< 0.5	< 2	2.75	24	168	4.30	10	< 1	0.16	14
393457	119	< 0.2	< 0.5	107	729	< 1	94	< 2	68	2.57	< 2	< 10	253	< 0.5	< 2	3.03	24	149	4.13	10	< 1	0.28	15
393458	36	< 0.2	< 0.5	36	835	< 1	103	< 2	80	2.81	< 2	< 10	501	< 0.5	< 2	3.10	26	164	4.59	10	< 1	0.24	14
393459	9	< 0.2	< 0.5	45	763	< 1	96	< 2	71	2.63	< 2	< 10	338	< 0.5	< 2	3.07	26	157	4.33	< 10	< 1	0.21	14
393460	> 5000	2.4	1.0	121	544	21	47	858	219	0.70	> 10000	10	32	< 0.5	4	1.91	18	31	3.87	< 10	< 1	0.13	< 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	0.03
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
393286	1.95	0.096	0.208	5.03	8	7	73	0.01	< 20	< 1	< 2	< 10	96	< 10	11	7	
393287	1.44	0.067	0.239	5.41	8	8	89	< 0.01	< 20	< 1	< 2	< 10	90	< 10	12	6	
393288	1.30	0.071	0.229	4.64	9	8	86	0.01	< 20	1	< 2	< 10	86	< 10	12	6	
393289	0.91	0.055	0.135	2.89	6	4	56	< 0.01	< 20	< 1	< 2	< 10	36	< 10	7	6	
393290	0.81	0.114	0.084	2.15	3	2	51	< 0.01	< 20	4	< 2	< 10	27	< 10	4	8	
393291	0.67	0.090	0.088	2.15	2	2	42	< 0.01	< 20	2	< 2	< 10	24	< 10	4	5	
393292	1.55	0.065	0.247	2.57	5	7	71	0.01	< 20	< 1	< 2	< 10	82	< 10	14	3	
393293	1.80	0.093	0.177	1.94	7	5	53	< 0.01	< 20	< 1	< 2	< 10	72	< 10	9	4	
393294	1.98	0.072	0.205	1.70	4	6	62	0.01	< 20	< 1	< 2	< 10	80	< 10	12	3	
393295	1.90	0.073	0.202	3.01	5	6	59	0.01	< 20	< 1	< 2	< 10	75	< 10	11	5	
393296	2.18	0.083	0.209	3.01	12	8	65	0.01	< 20	< 1	< 2	< 10	88	< 10	13	4	
393297	2.08	0.057	0.184	2.36	5	7	64	0.01	< 20	3	< 2	< 10	69	< 10	11	4	
393298	2.41	0.044	0.110	1.30	6	9	61	0.02	< 20	2	< 2	< 10	66	< 10	9	4	
393299	2.35	0.037	0.082	1.35	5	9	56	0.02	< 20	1	< 2	< 10	56	< 10	6	8	
393300	0.69	0.109	0.050	0.62	5	5	61	0.15	< 20	4	< 2	< 10	71	12	13	9	
393301	2.25	0.048	0.072	0.72	6	8	62	0.02	< 20	2	< 2	< 10	52	< 10	7	9	
393302	2.02	0.050	0.135	2.39	6	7	71	0.01	< 20	3	< 2	< 10	55	< 10	8	5	
393303	1.38	0.077	0.142	3.01	5	5	67	< 0.01	< 20	< 1	< 2	< 10	45	< 10	9	6	
393304	1.38	0.057	0.143	3.71	4	4	60	< 0.01	< 20	2	< 2	< 10	37	< 10	7	8	
393305	1.37	0.091	0.182	4.34	6	6	90	< 0.01	< 20	< 1	< 2	< 10	62	< 10	10	6	
393306	1.00	0.099	0.146	4.02	16	5	78	< 0.01	< 20	< 1	< 2	< 10	45	< 10	9	6	
393307	1.28	0.066	0.231	5.51	20	7	108	< 0.01	< 20	1	< 2	< 10	67	< 10	12	5	
393308	1.21	0.075	0.220	4.56	11	7	121	0.01	< 20	1	< 2	< 10	73	11	12	5	
393309	1.40	0.085	0.199	4.72	8	6	125	< 0.01	< 20	2	< 2	< 10	64	< 10	11	6	
393310	1.67	0.070	0.192	4.56	9	6	142	< 0.01	< 20	2	< 2	< 10	63	< 10	11	5	
393311	1.24	0.082	0.194	4.18	6	6	106	< 0.01	< 20	1	< 2	< 10	64	< 10	11	5	
393312	1.02	0.063	0.212	4.64	6	6	119	< 0.01	< 20	< 1	< 2	< 10	57	< 10	11	5	
393313	1.51	0.052	0.219	5.88	9	6	133	< 0.01	< 20	2	< 2	< 10	59	< 10	12	5	
393314	1.65	0.068	0.229	4.63	7	7	149	0.01	< 20	< 1	< 2	< 10	70	< 10	12	5	
393315	1.55	0.082	0.202	3.88	6	7	133	0.01	< 20	2	< 2	< 10	67	< 10	11	5	
393316	1.44	0.081	0.188	4.56	6	6	131	< 0.01	< 20	< 1	< 2	< 10	59	< 10	11	6	
393317	1.64	0.073	0.181	4.46	8	6	151	< 0.01	< 20	2	< 2	< 10	57	< 10	11	6	
393318	1.67	0.040	0.216	4.89	6	6	184	< 0.01	< 20	1	< 2	< 10	53	< 10	11	8	
393319	1.64	0.063	0.228	4.55	8	7	188	0.01	< 20	1	< 2	< 10	72	< 10	12	5	
393320	< 0.01	0.011	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2	
393321	1.73	0.068	0.248	4.98	9	7	175	0.01	< 20	< 1	< 2	< 10	76	< 10	12	3	
393322	4.33	0.038	0.146	2.80	4	5	294	< 0.01	< 20	3	< 2	< 10	69	< 10	12	2	
393323	3.65	0.042	0.173	3.49	4	5	241	< 0.01	< 20	2	< 2	< 10	60	< 10	12	2	
393324	2.15	0.050	0.108	2.19	3	3	144	< 0.01	< 20	2	< 2	< 10	26	< 10	7	2	
393325	1.40	0.060	0.204	4.31	5	6	135	< 0.01	< 20	2	< 2	< 10	51	< 10	11	2	
393326	1.43	0.072	0.185	4.35	5	5	146	< 0.01	< 20	2	< 2	< 10	46	< 10	10	2	
393327	1.62	0.061	0.191	4.27	5	6	167	< 0.01	< 20	2	< 2	< 10	50	< 10	10	2	
393328	1.78	0.047	0.220	4.47	5	6	171	< 0.01	< 20	1	< 2	< 10	58	< 10	12	2	
393329	1.46	0.045	0.240	4.49	5	6	159	< 0.01	< 20	3	< 2	< 10	53	< 10	13	2	
393330	1.58	0.061	0.225	4.80	5	6	172	< 0.01	< 20	3	< 2	< 10	55	< 10	12	2	
393331	1.38	0.072	0.195	4.02	30	5	138	< 0.01	< 20	1	< 2	< 10	52	< 10	11	2	
393332	1.46	0.044	0.209	4.60	8	5	190	< 0.01	< 20	2	< 2	< 10	39	< 10	12	2	
393333	1.77	0.056	0.208	4.54	4	6	165	< 0.01	< 20	3	< 2	< 10	55	< 10	11	3	
393334	1.58	0.055	0.201	5.42	5	5	210	< 0.01	< 20	2	< 2	< 10	43	< 10	11	2	
393335	1.51	0.055	0.216	4.95	5	6	242	< 0.01	< 20	2	< 2	< 10	48	< 10	11	2	

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	0.03
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
393336	1.30	0.060	0.229	5.17	5	6	237	< 0.01	< 20	2	< 2	< 10	58	< 10	12	2	
393337	1.33	0.037	0.239	5.81	5	5	254	< 0.01	< 20	5	< 2	< 10	34	58	12	2	
393338	1.31	0.062	0.231	5.36	4	5	216	< 0.01	< 20	2	< 2	< 10	50	< 10	12	2	
393339	1.32	0.048	0.238	4.67	46	5	155	< 0.01	< 20	2	< 2	< 10	49	< 10	12	2	
393340	0.71	0.107	0.050	0.65	6	5	59	0.14	< 20	2	< 2	< 10	71	11	13	9	
393341	1.14	0.040	0.132	3.30	14	4	114	< 0.01	< 20	3	< 2	< 10	24	< 10	7	2	
393342	1.21	0.059	0.129	3.46	5	4	119	< 0.01	< 20	4	< 2	< 10	27	< 10	8	2	
393343	1.22	0.048	0.169	4.08	5	4	138	< 0.01	< 20	2	< 2	< 10	28	< 10	9	3	
393344	1.49	0.050	0.214	4.65	5	5	144	< 0.01	< 20	4	< 2	< 10	42	< 10	11	2	
393345	1.01	0.072	0.159	3.83	6	4	122	< 0.01	< 20	5	< 2	< 10	34	< 10	9	2	
393346	0.86	0.061	0.192	4.20	10	4	126	< 0.01	< 20	2	< 2	< 10	42	< 10	10	2	
393347	1.19	0.029	0.255	5.09	6	5	172	< 0.01	< 20	3	< 2	< 10	43	< 10	11	2	
393348	1.34	0.026	0.238	4.87	8	5	172	< 0.01	< 20	1	< 2	< 10	43	< 10	11	2	
393349	0.43	0.017	0.239	5.06	9	5	109	< 0.01	< 20	< 1	< 2	< 10	56	< 10	11	3	
393350	0.45	0.053	0.274	6.06	9	6	110	0.01	< 20	1	< 2	< 10	75	< 10	14	3	
393351	0.29	0.031	0.271	6.25	8	5	91	< 0.01	< 20	2	< 2	< 10	52	12	13	3	
393352	0.31	0.021	0.151	3.99	4	3	65	< 0.01	< 20	4	< 2	< 10	28	15	10	3	
393353	0.32	0.021	0.130	4.34	9	5	49	< 0.01	< 20	3	< 2	< 10	38	22	8	4	
393354	0.45	0.034	0.185	4.68	6	4	55	< 0.01	< 20	1	< 2	< 10	45	19	12	3	
393355	0.61	0.017	0.156	3.83	7	6	55	< 0.01	< 20	< 1	< 2	< 10	58	< 10	11	3	
393356	0.35	0.014	0.204	5.10	8	5	52	< 0.01	< 20	1	< 2	< 10	41	< 10	12	3	
393357	0.26	0.019	0.162	2.53	5	3	39	< 0.01	< 20	< 1	< 2	< 10	39	23	13	2	
393358	0.39	0.018	0.162	2.27	5	2	36	< 0.01	< 20	1	2	< 10	34	< 10	11	2	
393359	1.25	0.020	0.125	1.74	4	3	43	< 0.01	< 20	3	< 2	< 10	27	< 10	8	1	
393360	0.01	0.010	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2	
393361	3.05	0.037	0.066	0.86	5	5	84	< 0.01	< 20	2	< 2	< 10	37	< 10	6	2	
393362	3.42	0.051	0.064	0.50	3	5	100	< 0.01	< 20	3	< 2	< 10	55	< 10	5	2	
393363	2.93	0.069	0.061	0.30	3	5	78	< 0.01	< 20	< 1	< 2	< 10	52	< 10	6	1	
393364	3.90	0.070	0.068	0.63	3	6	50	< 0.01	< 20	1	< 2	< 10	75	< 10	5	2	
393365	1.87	0.088	0.096	2.09	4	4	59	< 0.01	< 20	< 1	< 2	< 10	52	< 10	6	2	
393366	2.56	0.098	0.086	2.97	3	6	51	< 0.01	< 20	1	< 2	< 10	73	< 10	5	3	
393367	1.58	0.085	0.121	3.58	4	4	158	< 0.01	< 20	4	< 2	< 10	54	< 10	9	2	
393368	1.04	0.041	0.118	2.86	< 2	4	116	< 0.01	< 20	1	< 2	< 10	40	< 10	7	2	
393369	1.68	0.064	0.087	2.24	< 2	3	119	< 0.01	< 20	< 1	< 2	< 10	39	< 10	7	2	
393370	2.32	0.052	0.079	1.98	< 2	3	128	< 0.01	< 20	2	< 2	< 10	42	< 10	5	2	
393371	3.25	0.048	0.064	1.15	2	5	103	0.05	< 20	2	< 2	< 10	58	< 10	5	6	
393372	3.04	0.070	0.057	0.67	< 2	8	108	0.12	< 20	3	< 2	< 10	75	< 10	5	14	
393373	3.39	0.081	0.062	1.16	< 2	7	124	0.13	< 20	2	< 2	< 10	75	< 10	5	19	
393374	3.87	0.073	0.061	0.85	3	7	76	0.06	< 20	3	< 2	< 10	76	< 10	5	7	
393375	4.27	0.064	0.060	1.03	3	8	94	0.19	< 20	3	< 2	< 10	83	< 10	6	19	
393376	3.88	0.074	0.058	0.94	4	8	82	0.15	< 20	3	< 2	< 10	81	< 10	5	21	
393377	3.86	0.053	0.057	1.36	3	7	85	0.19	< 20	3	< 2	< 10	79	< 10	5	22	
393378	3.21	0.056	0.057	0.97	3	7	132	0.17	< 20	2	< 2	< 10	73	< 10	5	20	
393379	3.44	0.066	0.055	1.11	4	8	128	0.11	< 20	2	< 2	< 10	75	< 10	5	16	
393380	0.81	0.125	0.065	0.56	3	6	58	0.14	< 20	2	< 2	< 10	75	18	10	7	
393381	3.54	0.071	0.060	1.40	< 2	8	117	0.16	< 20	5	< 2	< 10	79	< 10	5	21	
393382	3.80	0.069	0.063	1.11	4	8	118	0.19	< 20	5	< 2	< 10	81	< 10	5	22	
393383	3.67	0.064	0.062	1.60	< 2	7	119	0.17	< 20	5	< 2	< 10	73	< 10	5	22	
393384	3.60	0.053	0.060	1.33	3	6	95	0.13	< 20	4	< 2	< 10	68	< 10	5	18	
393385	3.48	0.061	0.062	1.62	< 2	6	101	0.10	< 20	6	< 2	< 10	68	< 10	5	13	

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	0.03
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
393386	3.28	0.057	0.061	1.33	2	7	166	0.14	< 20	4	< 2	< 10	66	< 10	5	17	
393387	3.13	0.047	0.060	2.68	2	5	126	0.08	< 20	2	< 2	< 10	56	< 10	4	17	
393388	3.32	0.055	0.063	2.89	3	6	98	0.05	< 20	2	< 2	< 10	65	< 10	4	16	
393389	3.75	0.051	0.053	4.24	4	7	60	0.12	< 20	8	< 2	< 10	68	< 10	4	20	
393390	3.24	0.059	0.070	2.22	3	8	129	0.18	< 20	5	< 2	< 10	79	< 10	6	23	
393391	2.76	0.068	0.074	1.81	3	8	133	0.20	< 20	4	< 2	< 10	80	< 10	6	25	
393392	2.73	0.070	0.076	1.38	2	10	146	0.27	< 20	5	< 2	< 10	93	< 10	7	29	
393393	2.63	0.059	0.078	2.15	< 2	8	108	0.19	< 20	3	< 2	< 10	84	< 10	6	28	
393394	3.27	0.058	0.071	1.20	2	9	118	0.20	< 20	4	< 2	< 10	85	< 10	6	22	
393395	3.21	0.061	0.072	1.41	3	9	90	0.22	< 20	4	< 2	< 10	80	< 10	7	21	
393396	3.13	0.051	0.078	1.48	2	8	82	0.20	< 20	3	< 2	< 10	77	< 10	8	23	
393397	3.39	0.052	0.074	1.00	< 2	8	102	0.20	< 20	< 1	< 2	< 10	80	< 10	8	22	
393398	2.10	0.033	0.068	2.49	< 2	6	188	0.12	< 20	4	< 2	< 10	55	< 10	7	7	
393399	3.22	0.032	0.070	1.19	< 2	7	109	0.13	< 20	2	< 2	< 10	70	< 10	6	17	
393400	0.01	0.013	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
393401	3.73	0.044	0.067	1.36	4	8	125	0.17	< 20	< 1	< 2	< 10	80	< 10	7	20	
393402	3.85	0.046	0.071	1.19	3	10	126	0.20	< 20	7	< 2	< 10	99	< 10	7	22	
393403	3.77	0.055	0.070	1.26	3	12	155	0.27	< 20	2	< 2	< 10	105	< 10	8	24	
393404	3.90	0.068	0.074	0.77	< 2	12	149	0.30	< 20	3	< 2	< 10	109	< 10	8	25	
393405	3.96	0.054	0.079	0.76	3	12	192	0.28	< 20	4	< 2	< 10	111	< 10	8	22	
393406	2.93	0.053	0.066	1.67	3	9	138	0.16	< 20	2	< 2	< 10	90	< 10	7	20	
393407	3.28	0.051	0.062	1.45	< 2	9	142	0.18	< 20	4	< 2	< 10	81	< 10	6	20	
393408	4.41	0.049	0.096	0.29	5	12	166	0.25	< 20	3	< 2	< 10	105	< 10	8	17	
393409	3.37	0.065	0.060	0.98	3	9	175	0.27	< 20	2	< 2	< 10	90	< 10	6	24	
393410	3.38	0.067	0.060	0.28	2	9	159	0.28	< 20	2	< 2	< 10	94	< 10	7	20	
393411	3.14	0.061	0.064	1.22	4	9	160	0.28	< 20	3	< 2	< 10	93	< 10	7	22	
393412	3.09	0.082	0.063	0.15	3	9	180	0.28	< 20	2	< 2	< 10	101	< 10	7	22	
393413	3.16	0.063	0.060	0.28	2	8	197	0.28	< 20	2	< 2	< 10	91	< 10	7	20	
393414	3.00	0.066	0.063	0.14	5	8	260	0.27	< 20	4	< 2	< 10	87	< 10	7	20	
393415	3.18	0.068	0.057	0.50	3	10	222	0.23	< 20	4	< 2	< 10	95	< 10	6	20	
393416	3.57	0.052	0.066	0.05	3	12	207	0.27	< 20	1	< 2	< 10	106	< 10	7	19	
393417	3.80	0.059	0.082	0.78	3	11	176	0.18	< 20	2	< 2	< 10	103	< 10	6	19	
393418	3.66	0.077	0.068	0.64	2	12	186	0.29	< 20	1	< 2	< 10	113	< 10	7	23	
393419	3.75	0.078	0.070	0.13	< 2	12	196	0.30	< 20	5	< 2	< 10	114	< 10	8	19	
393420	0.85	0.129	0.068	0.58	4	7	61	0.15	< 20	< 1	< 2	< 10	79	19	10	8	
393421	3.43	0.076	0.063	0.30	3	12	221	0.29	< 20	6	< 2	< 10	106	< 10	7	18	
393422	3.86	0.059	0.073	0.57	3	11	230	0.30	< 20	3	< 2	< 10	108	< 10	7	21	
393423	3.41	0.070	0.063	0.18	< 2	11	148	0.30	< 20	5	< 2	< 10	97	< 10	7	17	
393424	3.79	0.054	0.066	0.27	3	11	115	0.29	< 20	1	< 2	< 10	98	< 10	7	18	
393425	3.54	0.042	0.062	0.04	< 2	11	93	0.21	< 20	< 1	< 2	< 10	90	< 10	6	15	
393426	3.86	0.057	0.057	0.04	2	10	67	0.21	< 20	5	< 2	< 10	91	< 10	6	14	
393427	4.07	0.042	0.057	< 0.01	3	11	99	0.23	< 20	3	< 2	< 10	90	< 10	6	13	
393428	4.05	0.044	0.059	< 0.01	2	10	113	0.21	< 20	3	< 2	< 10	88	< 10	6	13	
393429	4.14	0.047	0.055	< 0.01	3	10	98	0.16	< 20	4	< 2	< 10	85	< 10	6	12	
393430	4.07	0.051	0.056	0.13	< 2	9	72	0.15	< 20	2	< 2	< 10	86	< 10	6	11	
393431	3.96	0.038	0.055	0.45	3	7	70	0.05	< 20	2	< 2	< 10	74	< 10	5	7	
393432	3.91	0.043	0.058	0.25	< 2	8	78	0.09	< 20	1	< 2	< 10	80	< 10	6	9	
393433	3.76	0.050	0.056	0.05	< 2	9	98	0.16	< 20	3	< 2	< 10	82	< 10	6	13	
393434	3.68	0.045	0.055	0.01	< 2	9	108	0.17	< 20	< 1	< 2	< 10	80	< 10	6	13	
393435	3.16	0.057	0.065	0.19	< 2	9	117	0.18	< 20	4	< 2	< 10	80	< 10	7	15	

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	0.03
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
393436	3.27	0.051	0.070	0.01	< 2	8	77	0.21	< 20	3	< 2	< 10	80	< 10	7	13	
393437	3.30	0.052	0.060	0.04	3	9	136	0.21	< 20	< 1	< 2	< 10	87	< 10	6	12	
393438	3.44	0.051	0.060	0.04	3	10	103	0.25	< 20	3	< 2	< 10	94	< 10	7	14	
393439	3.25	0.047	0.057	0.05	< 2	10	132	0.24	< 20	3	< 2	< 10	89	< 10	8	11	
393440	< 0.01	0.014	0.001	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	3	
393441	3.20	0.046	0.050	0.28	< 2	8	120	0.07	< 20	2	< 2	< 10	78	< 10	6	8	
393442	3.28	0.065	0.059	0.04	2	7	93	0.06	< 20	2	2	< 10	73	< 10	7	4	
393443	3.12	0.047	0.070	0.01	< 2	7	94	0.09	< 20	< 1	< 2	< 10	69	< 10	7	4	
393444	2.97	0.050	0.061	< 0.01	< 2	6	112	0.13	< 20	< 1	< 2	< 10	65	< 10	7	8	
393445	2.54	0.040	0.062	0.01	< 2	6	94	0.12	< 20	< 1	< 2	< 10	58	< 10	7	7	
393446	3.01	0.047	0.057	0.12	< 2	7	158	0.19	< 20	4	< 2	< 10	66	< 10	6	15	
393447	3.14	0.048	0.060	0.29	< 2	8	121	0.24	< 20	6	< 2	< 10	74	< 10	6	16	
393448	3.08	0.052	0.063	0.23	3	8	99	0.24	< 20	2	< 2	< 10	71	< 10	7	19	
393449	3.15	0.061	0.057	0.25	2	6	77	0.06	< 20	1	< 2	< 10	65	< 10	6	5	
393450	3.24	0.050	0.063	0.14	3	5	61	0.04	< 20	< 1	< 2	< 10	61	< 10	5	3	
393451	2.70	0.051	0.061	0.79	3	5	76	< 0.01	< 20	3	< 2	< 10	56	< 10	5	2	
393452	2.69	0.059	0.057	1.19	< 2	5	97	0.01	< 20	< 1	< 2	< 10	56	< 10	5	3	
393453	2.87	0.050	0.059	0.09	3	6	100	0.03	< 20	< 1	< 2	< 10	60	< 10	5	2	
393454	3.12	0.055	0.058	0.04	2	5	77	0.03	< 20	1	< 2	< 10	62	< 10	5	3	
393455	2.88	0.067	0.060	0.01	< 2	7	91	0.10	< 20	2	< 2	< 10	67	< 10	6	7	
393456	2.84	0.069	0.058	0.03	< 2	7	75	0.09	< 20	< 1	< 2	< 10	67	< 10	5	7	
393457	2.48	0.072	0.066	0.14	< 2	5	75	0.02	< 20	< 1	< 2	< 10	57	< 10	6	1	
393458	2.97	0.083	0.059	0.11	2	5	77	0.02	< 20	3	< 2	< 10	59	< 10	5	2	
393459	2.79	0.091	0.060	0.09	2	6	73	0.03	< 20	1	< 2	< 10	62	< 10	5	2	
393460	0.68	0.040	0.032	0.97	4	3	46	0.02	< 20	1	< 2	< 10	23	< 10	4	10	8.10

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	0.4	< 0.5	68	1000	< 1	23	101	121	6.63	219	< 10	1070	0.8	2	0.15	10	75	5.38	20	3	1.09	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.3	< 0.5	69	1010	< 1	26	103	123	6.61	220	< 10	1100	0.8	2	0.15	10	77	5.40	20	2	1.10	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	0.3	< 0.5	68	990	1	24	102	121	6.48	208	< 10	1110	0.8	2	0.15	10	75	5.36	20	2	1.06	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	70	1000	1	23	103	123	6.67	204	< 10	1140	0.8	3	0.15	10	76	5.51	20	3	1.08	< 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	72	989	1	25	92	113	6.94	202	< 10	783	0.8	3	0.13	13	71	5.99	20	2	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	74	1020	< 1	26	94	117	6.90	202	< 10	796	0.8	3	0.13	14	74	5.87	20	3	1.14	< 10	0.39
GXR-6 Cert	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
GXR-6 Meas	0.4	< 0.5	71	1010	< 1	25	93	117	6.79	201	< 10	780	0.8	4	0.13	14	73	5.76	20	3	1.13	< 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
OREAS 98 (Aqua Regia) Meas	41.5		> 10000				281	1160						40		102							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Meas	41.7		> 10000				296	1200						34		108							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Meas	40.7		> 10000				287	1180						40		104							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 98 (Aqua Regia) Meas	39.9		> 10000				282	1160						24		103							
OREAS 98 (Aqua Regia) Cert	42.8		147000				343	1300						93		111							
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2190	760	< 1	34	69	255	2.77	4		112	0.7	7	0.42	19	45	4.99	< 10		0.50	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.9	< 0.5	2210	768	< 1	36	66	264	2.78	6		108	0.7	8	0.42	18	46	4.98	< 10		0.49	39	1.34
OREAS 922 (AQUA REGIA) Cert	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2340	789	< 1	37	68	270	2.83	5		98	0.7	10	0.42	19	46	5.31	< 10		0.47	40	1.41
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	2340	781	< 1	37	66	268	2.82	5		100	0.7	9	0.42	19	45	5.31	< 10		0.47	41	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	3.4	< 0.5	2180	722	< 1	36	59	241	2.73	6		71	0.6	9	0.35	19	41	5.20	< 10		0.45	35	1.26
OREAS 922	0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5	1.33

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
(AQUA REGIA) Cert																							
OREAS 922 (AQUA REGIA) Meas	0.8	< 0.5	2250	753	< 1	37	63	256	2.78	4		75	0.7	9	0.37	20	44	5.11	< 10		0.48	36	1.26
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	2210	744	< 1	36	61	245	2.80	6		79	0.7	8	0.38	20	42	5.09	< 10		0.49	37	1.25
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	1.6	< 0.5	4580	859	< 1	32	90	339	2.85	11		75	0.7	28	0.42	21	42	6.01	< 10		0.43	37	1.48
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	2.8	< 0.5	4440	867	< 1	32	88	349	2.82	6		81	0.7	25	0.43	21	43	5.84	< 10		0.44	37	1.46
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	3.6	< 0.5	4680	867	< 1	35	89	348	2.84	8		65	0.6	25	0.42	21	42	6.12	< 10		0.41	37	1.50
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	2.0	< 0.5	4610	855	< 1	34	84	345	2.81	9		59	0.6	23	0.41	21	42	6.07	< 10		0.40	36	1.49
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	4360	829	< 1	35	81	326	2.81	8		58	0.6	24	0.37	23	38	6.04	< 10		0.40	33	1.36
OREAS 923 (AQUA REGIA) Cert	1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4530	854	< 1	35	84	328	2.85	8		56	0.6	29	0.38	23	40	6.07	< 10		0.41	34	1.37
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	1.43
OREAS 923 (AQUA REGIA) Meas	1.7	< 0.5	4370	854	< 1	34	84	326	2.82	6		63	0.6	21	0.38	22	40	5.97	< 10		0.42	34	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 96 (Aqua Regia) Meas	11.4		> 10000				97	423						60		46							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua	11.7		> 10000				101	435						63		46							

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
Regia) Meas																							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.4		> 10000				98	420						59		45							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 96 (Aqua Regia) Meas	11.2		> 10000				97	420						73		44							
Oreas 96 (Aqua Regia) Cert	11.50		39100.00				100	448						27.9		49.2							
Oreas 621 (Aqua Regia) Meas	72.3	305	3720	533	13	26	> 5000	> 10000	1.76	80			0.6	4	1.70	31	32	3.41	10	3	0.39	21	0.45
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	74.4	316	3840	555	13	26	> 5000	> 10000	1.78	83			0.6	7	1.73	34	31	3.44	10	3	0.40	21	0.46
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	71.6	309	3770	538	13	27	> 5000	> 10000	1.72	79			0.6	7	1.71	32	35	3.41	10	4	0.38	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 621 (Aqua Regia) Meas	68.0	295	3610	518	12	25	> 5000	> 10000	1.66	78			0.5	7	1.66	31	29	3.30	< 10	4	0.36	19	0.44
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
Oreas 621 (Aqua Regia) Meas	67.2	290	3530	516	12	25	> 5000	> 10000	1.69	72			0.5	5	1.49	29	27	3.30	< 10	4	0.36	18	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	65.6	288	3450	522	11	25	> 5000	> 10000	1.63	74			0.5	3	1.51	31	27	3.13	< 10	4	0.36	18	0.40
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	67.7	295	3520	527	12	26	> 5000	> 10000	1.70	74			0.5	4	1.51	30	29	3.25	< 10	4	0.37	19	0.41
Oreas 621 (Aqua Regia) Cert	68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4	0.436
OREAS 229b (Fire Assay) Meas																							
OREAS 229b (Fire Assay) Cert																							
OREAS 45f (Aqua Regia) Meas			350	167	< 1	228	4	27	7.13			176	1.0	3	0.07	32	335	13.7	20	< 1	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			353	170	< 1	231	14	27	7.14			178	1.0	3	0.07	32	341	13.7	20	2	0.11	11	0.18
OREAS 45f (Aqua Regia) Cert			336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7	0.152
OREAS 45f (Aqua Regia) Meas			388	172	< 1	245	8	28	7.28			190	1.0	4	0.07	35	357	14.9	20	< 1	0.11	11	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
OREAS 45f (Aqua Regia) Meas			379	167	< 1	241	8	28	7.22			187	1.0	3	0.07	32	350	14.7	20	< 1	0.11	11	0.19
OREAS 45f (Aqua			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
Regia) Cert																							
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
OREAS 238 (Fire Assay) Meas																							
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Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							
OREAS 297 (Fire																							

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
Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
393287 Orig	0.7	< 0.5	96	962	14	27	15	73	1.13	3	25	14	0.7	3	2.77	21	23	5.81	< 10	< 1	0.68	42	1.43
393287 Dup	0.7	< 0.5	97	974	14	29	16	74	1.14	4	23	13	0.7	< 2	2.79	21	23	5.89	< 10	< 1	0.69	42	1.44
393295 Orig																							
393295 Dup																							
393301 Orig	< 0.2	< 0.5	84	997	1	100	4	51	2.08	6	22	108	0.6	< 2	2.75	30	141	3.69	< 10	< 1	0.98	24	2.26
393301 Dup	< 0.2	< 0.5	85	995	1	99	< 2	50	2.01	6	20	94	0.6	< 2	2.75	30	139	3.67	< 10	< 1	0.93	23	2.25
393305 Orig																							
393305 Dup																							
393315 Orig																							
393315 Dup																							
393316 Orig	0.6	< 0.5	21	814	4	23	10	54	1.04	29	22	15	0.6	< 2	2.96	18	17	5.06	< 10	< 1	0.67	41	1.44
393316 Dup	0.7	< 0.5	21	813	4	23	10	53	1.03	29	21	15	0.6	< 2	2.95	18	17	5.05	< 10	< 1	0.66	40	1.43
393333 Orig	0.6	< 0.5	27	890	2	25	25	62	0.97	14	24	13	0.6	4	3.87	22	16	5.01	< 10	< 1	0.63	38	1.78
393333 Dup	0.7	< 0.5	26	888	2	25	23	61	0.94	13	22	< 10	0.6	4	3.87	22	16	4.93	< 10	< 1	0.61	36	1.76
393335 Orig	1.0	< 0.5	34	860	2	21	16	52	1.14	6	20	10	0.6	3	3.34	20	13	5.24	< 10	< 1	0.76	35	1.51
393335 Split PREP DUP	1.0	< 0.5	34	850	1	21	14	49	1.14	6	21	12	0.6	< 2	3.31	18	13	5.16	< 10	< 1	0.76	36	1.51
393339 Orig																							
393339 Dup																							
393346 Orig	0.6	< 0.5	53	694	2	23	8	27	1.18	9	24	14	0.6	3	2.08	22	13	4.35	< 10	< 1	0.78	30	0.86
393346 Dup	0.6	< 0.5	52	704	2	23	8	28	1.21	9	24	15	0.6	3	2.11	22	13	4.35	< 10	1	0.80	30	0.87
393349 Orig																							
393349 Dup																							
393359 Orig	< 0.2	< 0.5	65	1620	7	48	< 2	28	1.60	7	19	42	0.6	4	2.75	21	29	3.30	< 10	< 1	0.88	26	1.25
393359 Dup	< 0.2	< 0.5	66	1600	7	48	3	27	1.50	8	18	43	0.6	5	2.72	19	28	3.20	< 10	< 1	0.81	26	1.24
393363 Orig																							
393363 Dup																							
393373 Orig	0.2	< 0.5	52	661	< 1	156	3	49	2.41	7	< 10	31	< 0.5	< 2	2.77	26	252	3.90	10	< 1	0.15	15	3.39
393373 Dup	0.2	< 0.5	53	663	< 1	157	3	48	2.45	5	< 10	33	< 0.5	< 2	2.77	24	257	3.90	10	< 1	0.15	15	3.39
393379 Orig																							
393379 Dup																							
393385 Orig	0.3	< 0.5	75	716	< 1	182	< 2	55	2.87	12	13	43	< 0.5	4	2.81	27	252	4.63	< 10	< 1	0.35	15	3.48
393385 Split PREP DUP	0.4	< 0.5	72	719	< 1	183	7	54	2.80	8	11	37	< 0.5	4	2.74	29	255	4.63	10	< 1	0.30	14	3.51
393395 Orig	0.3	< 0.5	91	717	< 1	126	3	79	2.67	8	< 10	34	< 0.5	< 2	2.82	25	221	4.32	10	< 1	0.35	19	3.20
393395 Dup	0.3	< 0.5	92	716	< 1	125	5	78	2.71	8	11	35	< 0.5	< 2	2.83	25	218	4.34	10	< 1	0.36	19	3.21
393397 Orig																							
393397 Dup																							
393400 Orig																							
393400 Dup																							
393407 Orig																							
393407 Dup																							
393409 Orig	0.6	< 0.5	9	966	< 1	157	< 2	71	2.74	10	< 10	30	< 0.5	3	3.62	43	256	5.22	10	2	0.12	16	3.37
393409 Dup	0.6	< 0.5	8	965	< 1	153	3	70	2.73	11	< 10	29	< 0.5	< 2	3.63	42	258	5.17	10	2	0.12	16	3.37
393411 Orig																							
393411 Dup																							
393422 Orig	0.4	< 0.5	126	1040	< 1	132	< 2	85	3.33	4	< 10	87	< 0.5	< 2	3.68	46	234	5.90	10	3	0.16	19	3.86
393422 Dup	0.4	< 0.5	125	1040	< 1	136	< 2	84	3.30	4	< 10	94	< 0.5	2	3.64	48	232	5.87	10	1	0.16	19	3.85
393432 Orig																							

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Lower Limit	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
393432 Dup																							
393435 Orig	< 0.2	< 0.5	54	704	< 1	124	< 2	64	2.73	3	< 10	40	< 0.5	< 2	2.76	24	191	4.51	10	< 1	0.13	14	3.16
393435 Split PREP DUP	< 0.2	< 0.5	73	690	< 1	123	< 2	63	2.67	3	< 10	42	< 0.5	< 2	2.69	24	190	4.40	10	< 1	0.11	14	3.12
393435 Split PREP DUP	< 0.2	< 0.5	73	690	< 1	123	< 2	63	2.67	3	< 10	42	< 0.5	< 2	2.69	24	190	4.40	10	< 1	0.11	14	3.12
393441 Orig																							
393441 Dup																							
393445 Orig																							
393445 Dup																							
393451 Orig	0.6	< 0.5	137	790	< 1	92	20	86	2.64	3	< 10	43	< 0.5	3	2.98	21	144	4.71	< 10	< 1	0.29	13	2.68
393451 Dup	0.5	0.6	140	801	< 1	93	20	89	2.72	5	< 10	46	< 0.5	3	3.02	22	147	4.79	< 10	< 1	0.30	13	2.72
393459 Orig	< 0.2	< 0.5	45	763	< 1	96	< 2	71	2.63	< 2	< 10	338	< 0.5	< 2	3.07	26	157	4.33	< 10	< 1	0.21	14	2.79
393459 Split PREP DUP	< 0.2	< 0.5	46	758	< 1	97	< 2	71	2.62	< 2	< 10	330	< 0.5	< 2	3.04	25	157	4.31	< 10	< 1	0.20	14	2.77
Method Blank																							
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Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
Method Blank	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
GXR-6 Meas	0.132	0.034	0.01	5	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9		
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110		
GXR-6 Meas	0.135	0.034	0.01	< 2	17	33		< 20	< 1	< 2	< 10	150	< 10	5	9		
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110		
GXR-6 Meas	0.132	0.033	0.01	< 2	16	33		< 20	< 1	< 2	< 10	146	< 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		
GXR-6 Meas	0.137	0.033	0.01	3	17	34		< 20	< 1	< 2	< 10	148	< 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	0.132	0.033	0.01	4	16	30		< 20	< 1	3	< 10	160	< 10	4	6		
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	0.138	0.033	0.01	3	17	31		< 20	< 1	< 2	< 10	165	< 10	4	6		
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	0.133	0.033	0.01	4	17	30		< 20	< 1	< 2	< 10	163	< 10	4	6		
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110		
OREAS 98 (Aqua Regia) Meas				16													
OREAS 98 (Aqua Regia) Cert				15													
OREAS 98 (Aqua Regia) Meas				17													
OREAS 98 (Aqua Regia) Cert				15													
OREAS 98 (Aqua Regia) Meas				18													
OREAS 98 (Aqua Regia) Cert				15													
OREAS 98 (Aqua Regia) Meas				17													
OREAS 98 (Aqua Regia) Cert				15													
OREAS 922 (AQUA REGIA) Meas	0.032	0.063	0.36	3	3	17		< 20		< 2	< 10	33	< 10	21	15		
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3		
OREAS 922 (AQUA REGIA) Meas	0.031	0.063	0.36	2	3	17		< 20		< 2	< 10	33	< 10	21	14		
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	0.030	0.066	0.38	< 2	3	17		< 20		< 2	< 10	33	< 10	20	15		
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	0.030	0.066	0.38	3	3	17		< 20		< 2	< 10	33	< 10	20	14		
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	0.027	0.061	0.35	< 2	3	16		< 20		< 2	< 10	33	< 10	18	16		

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
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	0.030	0.063	0.35	4	4	16		< 20		< 2	< 10	36	< 10	20	17		
OREAS 922 (AQUA REGIA) Cert	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3		
OREAS 922 (AQUA REGIA) Meas	0.031	0.062	0.35	3	4	16		< 20		< 2	< 10	36	< 10	20	17		
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		0.062	0.68	< 2	3	16		< 20		< 2	< 10	33	< 10	19	13		
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5		
OREAS 923 (AQUA REGIA) Meas		0.060	0.66	< 2	3	15		< 20		< 2	< 10	33	< 10	20	14		
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	< 2	3	15		< 20		< 2	< 10	32	< 10	19	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		0.062	0.69	3	3	15		< 20		< 2	< 10	32	< 10	18	25		
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5		
OREAS 923 (AQUA REGIA) Meas		0.059	0.64	6	3	14		< 20		< 2	< 10	34	< 10	18	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		0.061	0.66	2	4	15		< 20		< 2	< 10	35	< 10	18	26		
OREAS 923 (AQUA REGIA) Cert		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5		
OREAS 923 (AQUA REGIA) Meas		0.060	0.64	< 2	4	15		< 20		< 2	< 10	35	< 10	18	23		
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			4.01	6													
Oreas 96 (Aqua Regia) Cert			4.38	4.53													

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
Oreas 96 (Aqua Regia) Meas			4.15	6													
Oreas 96 (Aqua Regia) Cert			4.38	4.53													
Oreas 96 (Aqua Regia) Meas			4.06	5													
Oreas 96 (Aqua Regia) Cert			4.38	4.53													
Oreas 96 (Aqua Regia) Meas			3.98	6													
Oreas 96 (Aqua Regia) Cert			4.38	4.53													
Oreas 621 (Aqua Regia) Meas	0.174	0.034	4.69	100	2	20		< 20		< 2	< 10	12	< 10	8	55		
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	0.173	0.033	4.77	98	2	20		< 20		< 2	< 10	12	< 10	8	45		
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	0.166	0.033	4.67	99	2	18		< 20		< 2	< 10	12	< 10	8	43		
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	0.160	0.031	4.51	94	2	17		< 20		< 2	< 10	11	< 10	7	42		
Oreas 621 (Aqua Regia) Cert	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0		
Oreas 621 (Aqua Regia) Meas	0.171	0.032	4.56	100	2	17		< 20		6	< 10	12	< 10	7	57		
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	0.170	0.033	4.41	97	2	17		< 20		< 2	< 10	13	< 10	7	57		
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	0.175	0.034	4.51	103	2	18		< 20		4	< 10	13	< 10	7	64		
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 229b (Fire Assay) Meas																	12.3
OREAS 229b (Fire Assay) Cert																	11.9
OREAS 45f (Aqua Regia) Meas	0.045	0.021	0.02		23	15	0.13	< 20		< 2	< 10	184		5	17		
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0		
OREAS 45f (Aqua Regia) Meas	0.046	0.021	0.02		23	15	0.12	< 20		< 2	< 10	184		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		
OREAS 45f (Aqua Regia) Meas	0.048	0.022	0.02		25	16	0.10	< 20		< 2	< 10	191		5	11		
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	0.049	0.021	0.02		24	15	0.09	< 20		< 2	< 10	184		5	9		

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
OREAS 45f (Aqua Regia) Cert	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0		
OREAS 238 (Fire Assay) Meas																3060	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																3130	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																3130	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																3170	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																2890	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																3120	
OREAS 238 (Fire Assay) Cert																3030	
OREAS 238 (Fire Assay) Meas																3050	
OREAS 238 (Fire Assay) Cert																3030	
Oreas E1336 (Fire Assay) Meas																512	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																517	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																527	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																514	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																511	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																507	
Oreas E1336 (Fire Assay) Cert																510	
Oreas E1336 (Fire Assay) Meas																502	
Oreas E1336 (Fire Assay) Cert																510	

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
OREAS 297 (Fire Assay) Meas																	18.4
OREAS 297 (Fire Assay) Cert																	17.8
393287 Orig	0.067	0.237	5.41	8	8	88	< 0.01	< 20	3	< 2	< 10	90	< 10	12	6		
393287 Dup	0.066	0.241	5.41	7	8	90	< 0.01	< 20	< 1	< 2	< 10	90	< 10	12	6		
393295 Orig																259	
393295 Dup																260	
393301 Orig	0.050	0.072	0.72	5	9	63	0.02	< 20	3	< 2	< 10	53	< 10	7	10		
393301 Dup	0.046	0.071	0.72	6	8	62	0.02	< 20	1	< 2	< 10	52	< 10	7	7		
393305 Orig																159	
393305 Dup																156	
393315 Orig																111	
393315 Dup																146	
393316 Orig	0.081	0.189	4.57	6	6	131	< 0.01	< 20	< 1	< 2	< 10	60	< 10	11	6		
393316 Dup	0.081	0.187	4.55	6	6	131	< 0.01	< 20	1	< 2	< 10	59	< 10	11	6		
393333 Orig	0.058	0.211	4.57	4	6	166	< 0.01	< 20	5	< 2	< 10	55	< 10	11	3	100	
393333 Dup	0.054	0.206	4.51	5	6	163	< 0.01	< 20	1	< 2	< 10	54	< 10	10	2	90	
393335 Orig	0.055	0.216	4.95	5	6	242	< 0.01	< 20	2	< 2	< 10	48	< 10	11	2	269	
393335 Split PREP DUP	0.056	0.215	4.91	5	6	242	< 0.01	< 20	1	< 2	< 10	48	< 10	11	2	274	
393339 Orig																199	
393339 Dup																190	
393346 Orig	0.060	0.192	4.26	10	4	127	< 0.01	< 20	3	< 2	< 10	42	< 10	10	2		
393346 Dup	0.061	0.193	4.13	10	4	126	< 0.01	< 20	2	< 2	< 10	43	< 10	10	2		
393349 Orig																116	
393349 Dup																116	
393359 Orig	0.021	0.125	1.73	3	3	42	< 0.01	< 20	1	< 2	< 10	28	< 10	9	1		
393359 Dup	0.019	0.125	1.75	4	3	43	< 0.01	< 20	4	< 2	< 10	26	< 10	8	2		
393363 Orig																88	
393363 Dup																83	
393373 Orig	0.080	0.062	1.15	2	7	122	0.13	< 20	2	< 2	< 10	74	< 10	5	19		
393373 Dup	0.081	0.063	1.17	< 2	7	125	0.14	< 20	2	< 2	< 10	76	< 10	5	19		
393379 Orig																36	
393379 Dup																31	
393385 Orig	0.061	0.062	1.62	< 2	6	101	0.10	< 20	6	< 2	< 10	68	< 10	5	13	62	
393385 Split PREP DUP	0.051	0.063	1.58	2	6	95	0.09	< 20	< 1	< 2	< 10	66	< 10	5	15	86	
393395 Orig	0.061	0.071	1.39	2	9	89	0.22	< 20	5	< 2	< 10	80	< 10	7	20		
393395 Dup	0.061	0.072	1.42	3	9	90	0.22	< 20	3	< 2	< 10	81	< 10	7	22		
393397 Orig																38	
393397 Dup																38	
393400 Orig																< 5	
393400 Dup																< 5	
393407 Orig																52	
393407 Dup																51	
393409 Orig	0.066	0.060	0.99	3	9	175	0.27	< 20	1	< 2	< 10	91	< 10	6	24		
393409 Dup	0.064	0.060	0.98	2	9	175	0.27	< 20	3	< 2	< 10	90	< 10	6	23		
393411 Orig																58	
393411 Dup																60	
393422 Orig	0.059	0.073	0.57	3	12	230	0.29	< 20	2	< 2	< 10	108	< 10	7	19		

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1	5	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-AA	FA-GRA
393422 Dup	0.059	0.073	0.57	3	11	230	0.30	< 20	4	< 2	< 10	108	< 10	7	22		
393432 Orig																18	
393432 Dup																19	
393435 Orig	0.057	0.065	0.19	< 2	9	117	0.18	< 20	4	< 2	< 10	80	< 10	7	15	15	
393435 Split PREP DUP	0.050	0.064	0.18	3	8	110	0.19	< 20	4	< 2	< 10	79	< 10	6	14	24	
393435 Split PREP DUP	0.050	0.064	0.18	3	8	110	0.19	< 20	4	< 2	< 10	79	< 10	6	14		
393441 Orig																20	
393441 Dup																19	
393445 Orig																7	
393445 Dup																9	
393451 Orig	0.050	0.061	0.79	3	5	75	< 0.01	< 20	4	< 2	< 10	55	< 10	5	2		
393451 Dup	0.052	0.062	0.79	3	5	77	< 0.01	< 20	2	< 2	< 10	57	< 10	5	2		
393459 Orig	0.091	0.060	0.09	2	6	73	0.03	< 20	1	< 2	< 10	62	< 10	5	2	9	
393459 Split PREP DUP	0.082	0.059	0.10	< 2	6	73	0.02	< 20	< 1	< 2	< 10	61	< 10	5	2	10	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank																< 5	
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank																< 5	
Method Blank																< 5	
Method Blank																	< 0.03
Method Blank	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		
Method Blank	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1		

Quality Analysis ...   *Innovative Technologies*

Report No.:	**A21-06051**
Report Date:	**04-Jun-21**
Date Submitted:	**09-Apr-21**
Your Reference:	

White Metal Resources
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Mick Stares

CERTIFICATE OF ANALYSIS

241 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2021-04-27 17:46:17
1A3-Tbay	QOP AA-Au (Au - Fire Assay Gravimetric)	2021-04-30 12:15:46
1E3-Tbay	QOP AquaGeo (Aqua Regia ICPOES)	2021-05-14 19:50:02

REPORT **A21-06051**

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.

Footnote: **Sample 393620 insufficient for 1A3 analysis** Sample 393500, 393620 and 393660 are insufficient for 1E3 analysis and has been removed from the client job.

SCC Accredited LAB
LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
393461	31	< 0.2	0.5	51	1260	2	41	3	73	1.68	7	12	151	< 0.5	3	2.25	18	52	4.00	< 10	< 1	0.51	45
393462	20	< 0.2	< 0.5	57	1130	1	33	6	43	1.34	15	19	70	0.6	5	2.32	21	31	3.52	< 10	< 1	0.83	49
393463	57	< 0.2	< 0.5	36	886	2	21	9	21	1.25	18	23	59	0.7	3	1.66	19	15	2.76	< 10	< 1	0.90	46
393464	335	< 0.2	< 0.5	73	792	4	37	9	49	1.28	24	23	62	0.6	4	1.38	20	27	3.10	< 10	< 1	0.76	46
393465	56	< 0.2	< 0.5	41	637	1	34	10	41	1.35	28	25	47	0.6	4	1.01	20	27	2.87	< 10	< 1	0.87	45
393466	30	< 0.2	< 0.5	39	927	< 1	30	5	47	1.35	15	20	64	0.6	4	1.90	16	30	3.00	< 10	< 1	0.80	48
393467	20	< 0.2	< 0.5	34	871	2	27	7	32	1.33	10	22	37	0.6	4	1.58	16	20	2.82	< 10	< 1	0.88	47
393468	33	< 0.2	< 0.5	108	827	1	51	4	50	1.52	20	25	62	0.8	4	1.26	19	42	3.17	< 10	< 1	0.93	43
393469	161	< 0.2	< 0.5	226	681	4	79	3	64	1.69	15	25	53	0.8	< 2	1.51	28	85	3.58	< 10	< 1	0.91	34
393470	268	< 0.2	< 0.5	133	637	5	31	3	42	1.46	27	20	52	0.9	2	1.11	18	33	3.16	< 10	< 1	0.83	47
393471	275	0.3	< 0.5	208	944	5	33	3	82	1.97	32	13	28	0.7	< 2	1.80	21	40	4.62	< 10	< 1	0.55	50
393472	141	< 0.2	< 0.5	160	950	3	30	3	47	1.32	15	14	35	0.6	< 2	1.79	20	34	3.50	< 10	< 1	0.58	48
393473	40	< 0.2	< 0.5	32	873	2	31	7	44	1.22	27	13	37	0.6	5	1.91	16	32	3.43	< 10	< 1	0.59	48
393474	84	< 0.2	< 0.5	45	947	2	21	7	24	0.95	33	17	37	0.6	3	2.42	18	16	3.30	< 10	< 1	0.64	41
393475	40	< 0.2	< 0.5	15	1180	1	13	8	27	0.88	79	15	29	< 0.5	4	2.58	17	8	3.76	< 10	1	0.57	33
393476	336	< 0.2	< 0.5	30	1060	< 1	20	3	33	1.01	10	15	45	0.5	4	2.57	14	16	3.03	< 10	< 1	0.61	31
393477	25	< 0.2	< 0.5	95	875	2	35	4	30	1.36	40	27	62	0.8	< 2	2.28	22	31	4.18	< 10	< 1	0.90	27
393478	12	< 0.2	< 0.5	100	1060	1	18	4	47	1.44	23	19	59	0.6	< 2	2.75	21	29	4.00	< 10	< 1	0.72	43
393479	14	< 0.2	< 0.5	30	1020	< 1	57	< 2	81	2.17	14	< 10	69	< 0.5	< 2	1.53	25	70	4.28	< 10	< 1	0.41	26
393480	< 5	< 0.2	< 0.5	1	30	< 1	< 1	2	4	0.06	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	3	0.27	< 10	< 1	0.01	< 10
393481	14	< 0.2	< 0.5	37	686	5	38	13	28	1.11	19	16	90	< 0.5	3	1.58	13	50	1.92	< 10	< 1	0.60	73
393482	9	< 0.2	< 0.5	24	145	3	27	10	11	1.00	22	20	68	0.5	< 2	0.46	12	39	1.21	< 10	< 1	0.70	25
393483	14	< 0.2	< 0.5	40	469	2	56	2	28	1.35	14	23	54	0.7	3	0.89	24	45	2.16	< 10	< 1	0.90	32
393484	13	< 0.2	< 0.5	46	652	< 1	70	3	52	1.59	15	23	51	0.6	< 2	1.05	22	58	2.54	< 10	< 1	0.92	13
393485	20	< 0.2	< 0.5	40	985	1	75	5	54	1.43	8	18	44	0.5	5	1.63	19	77	2.75	< 10	< 1	0.71	14
393486	22	< 0.2	< 0.5	47	257	2	54	9	33	1.34	15	26	43	0.6	4	0.50	18	60	2.12	< 10	< 1	0.80	12
393487	8	< 0.2	< 0.5	41	941	2	32	4	18	1.04	18	20	38	< 0.5	3	1.56	12	50	1.68	< 10	< 1	0.70	14
393488	8	< 0.2	< 0.5	41	825	< 1	61	2	41	1.39	8	20	38	< 0.5	4	1.62	16	71	2.52	< 10	< 1	0.76	14
393489	10	< 0.2	< 0.5	44	983	< 1	64	< 2	53	1.41	5	16	54	< 0.5	3	2.27	17	83	2.52	< 10	< 1	0.68	14
393490	9	< 0.2	< 0.5	35	701	1	86	4	74	1.79	14	< 10	146	< 0.5	< 2	2.26	20	114	3.11	< 10	2	0.39	13
393491	7	< 0.2	< 0.5	52	793	< 1	85	3	69	1.92	7	< 10	70	< 0.5	3	2.79	23	97	3.39	< 10	1	0.41	17
393492	8	< 0.2	< 0.5	47	1010	2	109	< 2	77	1.93	8	12	76	< 0.5	< 2	2.90	26	98	4.15	< 10	1	0.49	13
393493	21	< 0.2	0.5	63	989	< 1	86	< 2	61	1.78	9	14	34	< 0.5	4	2.88	26	97	3.88	< 10	< 1	0.62	11
393494	16	< 0.2	< 0.5	57	682	2	55	< 2	30	1.38	7	19	46	0.5	2	2.13	19	70	2.53	< 10	< 1	0.83	15
393495	27	< 0.2	< 0.5	38	801	3	44	4	23	0.93	12	12	29	< 0.5	3	2.65	13	42	2.16	< 10	< 1	0.54	12
393496	15	< 0.2	< 0.5	73	967	2	39	5	43	1.58	13	18	63	0.7	< 2	3.48	23	39	3.99	< 10	< 1	0.79	28
393497	66	< 0.2	< 0.5	116	1270	2	40	2	88	2.35	11	18	59	1.2	< 2	4.22	29	27	6.86	10	2	0.63	46
393498	15	0.2	< 0.5	105	935	3	50	3	76	2.09	11	17	35	1.1	< 2	2.94	28	56	5.43	10	2	0.65	43
393499	10	0.2	< 0.5	67	818	2	64	< 2	64	2.07	11	10	22	0.6	< 2	2.82	25	90	4.39	10	3	0.43	21
393500	1180																						
393501	9	0.4	< 0.5	40	615	3	79	6	59	1.88	8	11	33	< 0.5	3	2.19	22	140	3.15	< 10	< 1	0.47	13
393502	13	< 0.2	< 0.5	60	723	< 1	90	< 2	62	2.01	5	22	52	0.6	4	1.93	27	109	3.32	< 10	< 1	0.79	14
393503	13	< 0.2	< 0.5	73	571	< 1	86	< 2	49	1.63	11	20	53	0.6	4	1.77	26	112	2.81	< 10	< 1	0.73	15
393504	24	< 0.2	< 0.5	51	556	1	68	< 2	35	1.65	6	24	59	0.7	4	1.85	20	105	2.53	< 10	< 1	0.85	17
393505	31	< 0.2	< 0.5	51	955	< 1	107	< 2	62	2.33	6	10	228	< 0.5	< 2	3.34	25	162	3.96	< 10	< 1	0.42	14
393506	7	0.2	< 0.5	43	969	< 1	134	< 2	71	2.81	7	< 10	223	< 0.5	< 2	3.13	26	224	4.82	10	< 1	0.23	15
393507	12	0.2	< 0.5	61	881	< 1	122	5	62	2.45	6	10	112	< 0.5	< 2	3.43	25	180	4.27	< 10	< 1	0.35	14
393508	12	0.2	< 0.5	61	861	< 1	106	5	64	2.42	11	< 10	86	< 0.5	< 2	2.51	26	176	4.68	10	< 1	0.19	20
393509	10	0.2	< 0.5	57	805	< 1	91	2	54	1.96	13	< 10	149	< 0.5	< 2	2.04	22	186	3.70	< 10	< 1	0.13	14
393510	19	0.2	0.5	41	907	< 1	107	3	55	2.18	11	< 10	116	< 0.5	< 2	2.24	25	182	4.17	10	< 1	0.14	14
393511	815	0.3	< 0.5	55	891	1	112	< 2	51	1.89	15	< 10	50	< 0.5	< 2	2.81	28	200	4.09	< 10	< 1	0.20	13

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
393512	188	0.3	< 0.5	80	986	< 1	110	< 2	66	2.22	8	< 10	41	< 0.5	< 2	3.03	30	212	4.38	10	< 1	0.18	16
393513	18	< 0.2	< 0.5	40	962	< 1	106	< 2	58	2.32	6	10	49	< 0.5	< 2	3.15	23	181	4.06	< 10	< 1	0.32	13
393514	15	< 0.2	< 0.5	70	712	1	89	< 2	49	2.00	5	20	65	0.7	3	2.17	23	114	3.58	< 10	< 1	0.72	22
393515	92	< 0.2	< 0.5	91	708	1	28	< 2	33	1.64	11	15	58	0.5	4	3.08	16	24	3.51	< 10	< 1	0.57	45
393516	66	< 0.2	< 0.5	51	735	1	53	< 2	40	1.88	18	15	62	0.5	4	2.81	24	79	3.90	< 10	< 1	0.54	34
393517	63	< 0.2	< 0.5	27	998	< 1	109	< 2	61	2.32	12	< 10	49	< 0.5	< 2	3.03	26	183	4.36	< 10	< 1	0.20	11
393518	36	< 0.2	< 0.5	33	864	< 1	99	< 2	52	2.23	9	< 10	54	< 0.5	4	3.09	23	182	4.02	< 10	< 1	0.28	15
393519	92	< 0.2	< 0.5	44	942	< 1	120	< 2	65	2.67	4	< 10	50	< 0.5	< 2	3.04	27	206	4.72	10	< 1	0.20	11
393520	< 5	< 0.2	< 0.5	3	90	< 1	3	2	5	0.06	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	12	0.84	< 10	< 1	< 0.01	< 10
393521	36	< 0.2	< 0.5	44	807	< 1	93	< 2	52	2.31	2	< 10	49	< 0.5	3	3.31	27	175	4.04	< 10	< 1	0.28	13
393522	8	< 0.2	< 0.5	59	757	< 1	96	< 2	54	2.48	3	15	40	0.5	3	2.91	20	161	3.84	< 10	< 1	0.49	15
393523	12	< 0.2	< 0.5	56	1010	< 1	91	< 2	63	2.78	5	11	58	0.5	< 2	4.52	24	174	4.55	< 10	< 1	0.37	19
393524	106	< 0.2	< 0.5	57	961	< 1	94	< 2	48	2.19	7	14	60	< 0.5	2	4.00	22	141	3.47	< 10	< 1	0.56	13
393525	211	< 0.2	< 0.5	64	828	< 1	102	< 2	48	2.14	7	12	44	< 0.5	5	3.42	23	189	4.04	< 10	< 1	0.35	11
393526	118	0.3	< 0.5	123	786	2	63	3	42	1.87	10	20	43	0.8	< 2	2.92	24	86	4.42	< 10	< 1	0.61	35
393527	236	0.2	< 0.5	252	632	< 1	34	4	47	1.64	5	22	21	1.0	< 2	1.85	22	33	5.14	10	< 1	0.67	50
393528	214	< 0.2	< 0.5	90	1050	< 1	30	7	74	1.99	5	12	17	0.7	2	2.76	25	36	5.87	10	< 1	0.41	41
393529	200	0.3	< 0.5	106	973	< 1	26	3	59	1.82	3	< 10	< 10	0.6	2	3.64	21	35	5.38	10	< 1	0.27	41
393530	313	0.3	< 0.5	40	859	< 1	48	< 2	47	1.55	5	19	17	0.8	< 2	3.12	20	50	4.59	< 10	< 1	0.52	32
393531	159	0.2	< 0.5	111	952	< 1	29	3	63	1.86	4	12	26	0.7	< 2	3.87	23	32	5.02	10	< 1	0.36	43
393532	716	0.5	< 0.5	254	979	< 1	28	5	67	1.69	2	10	19	0.7	< 2	3.57	23	33	5.12	10	< 1	0.32	35
393533	480	0.4	< 0.5	196	940	< 1	30	4	60	1.87	5	13	21	0.8	< 2	2.98	25	33	5.20	10	< 1	0.41	37
393534	156	0.2	< 0.5	67	947	< 1	26	4	53	1.68	8	< 10	22	0.5	< 2	3.37	23	31	4.79	10	< 1	0.20	33
393535	474	0.3	< 0.5	174	899	< 1	30	3	38	1.42	4	24	27	0.9	< 2	2.40	21	27	4.93	< 10	< 1	0.62	40
393536	281	0.3	< 0.5	69	967	1	55	3	58	1.86	4	< 10	17	0.6	< 2	3.36	24	61	5.17	10	< 1	0.30	30
393537	594	0.3	< 0.5	188	1040	1	153	< 2	69	2.49	5	< 10	45	< 0.5	< 2	3.76	33	172	5.21	10	< 1	0.30	< 10
393538	490	0.3	< 0.5	34	1010	< 1	141	< 2	74	2.35	7	< 10	42	< 0.5	3	3.67	38	162	5.13	< 10	< 1	0.32	< 10
393539	351	0.3	< 0.5	96	1610	< 1	176	2	79	2.28	4	10	40	0.5	< 2	4.95	34	204	5.32	< 10	< 1	0.45	< 10
393540	4040	0.9	0.5	386	734	415	30	45	141	1.48	24	12	49	< 0.5	< 2	1.27	10	43	3.50	< 10	< 1	0.25	< 10
393541	444	0.2	< 0.5	154	1310	2	82	2	45	1.68	4	30	30	0.8	< 2	2.82	31	114	4.85	< 10	< 1	0.85	16
393542	214	0.6	< 0.5	113	1290	< 1	79	4	60	1.94	9	15	23	< 0.5	2	3.63	27	164	4.65	< 10	1	0.50	16
393543	111	0.3	< 0.5	106	1050	< 1	111	< 2	63	2.51	6	< 10	29	< 0.5	< 2	3.88	29	268	4.87	< 10	< 1	0.18	12
393544	16	< 0.2	< 0.5	60	1260	< 1	118	< 2	65	2.71	4	< 10	96	< 0.5	< 2	4.82	28	269	5.09	< 10	< 1	0.21	15
393545	190	< 0.2	< 0.5	88	1290	< 1	94	< 2	54	1.76	8	25	46	0.8	< 2	2.12	40	141	5.31	< 10	< 1	0.94	16
393546	285	0.2	< 0.5	94	1030	< 1	119	< 2	58	2.03	5	22	50	0.6	6	2.74	25	132	3.71	< 10	< 1	0.80	13
393547	951	0.6	0.6	72	1010	< 1	97	11	76	1.81	5	12	60	< 0.5	3	3.60	24	130	3.32	< 10	< 1	0.44	10
393548	329	< 0.2	< 0.5	58	848	2	78	4	46	1.42	10	21	41	0.5	5	2.77	23	74	3.12	< 10	1	0.75	< 10
393549	152	0.3	< 0.5	53	810	< 1	100	< 2	60	1.83	5	12	28	< 0.5	6	2.66	27	139	3.82	< 10	1	0.51	< 10
393550	112	< 0.2	< 0.5	37	819	< 1	112	< 2	59	2.30	11	< 10	24	< 0.5	< 2	3.39	25	201	4.20	< 10	< 1	0.34	< 10
393551	99	0.7	0.7	249	747	< 1	104	6	74	2.38	7	11	80	< 0.5	< 2	3.70	21	180	3.75	< 10	2	0.43	< 10
393552	116	0.3	< 0.5	93	892	< 1	111	< 2	57	2.36	7	21	26	0.6	2	2.75	30	159	4.26	< 10	< 1	0.77	< 10
393553	528	0.3	< 0.5	248	574	< 1	89	< 2	44	1.71	14	29	26	0.8	< 2	1.16	34	134	4.47	< 10	< 1	1.06	13
393554	394	0.2	< 0.5	44	567	4	50	3	33	1.39	12	27	26	0.7	< 2	1.22	29	68	5.03	< 10	< 1	0.81	40
393555	125	< 0.2	< 0.5	63	757	3	46	7	48	1.75	12	19	24	0.9	< 2	2.67	26	95	5.47	< 10	< 1	0.75	52
393556	< 5	0.2	< 0.5	64	1320	< 1	134	2	80	3.50	10	< 10	377	1.1	< 2	6.61	36	313	6.25	10	< 1	0.31	59
393557	1050	0.3	< 0.5	145	1020	1	114	10	62	2.57	17	22	38	1.0	< 2	3.67	36	191	5.05	< 10	< 1	0.67	24
393558	504	0.3	< 0.5	138	786	2	90	7	49	1.75	12	24	35	0.7	3	2.07	27	119	3.96	< 10	< 1	0.76	< 10
393559	287	0.3	< 0.5	72	335	2	84	4	27	1.61	14	32	36	0.9	4	0.75	31	81	2.89	< 10	< 1	1.03	< 10
393560	< 5	< 0.2	< 0.5	< 1	57	< 1	< 1	2	< 2	0.06	< 2	< 10	50	< 0.5	< 2	0.01	< 1	3	0.52	< 10	< 1	0.01	< 10
393561	382	0.3	< 0.5	311	445	3	35	6	30	1.45	11	29	30	0.8	< 2	1.29	24	27	4.15	< 10	< 1	0.87	48
393562	65	< 0.2	< 0.5	58	679	4	48	11	38	1.34	17	13	19	0.7	< 2	2.88	25	57	4.70	< 10	< 1	0.38	43

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
393563	77	0.3	< 0.5	47	615	2	118	5	40	1.68	19	13	29	0.6	2	2.20	27	159	4.30	< 10	< 1	0.39	11
393564	280	< 0.2	< 0.5	68	604	< 1	113	5	35	1.62	12	< 10	29	< 0.5	5	2.75	33	165	3.84	< 10	< 1	0.32	11
393565	67	0.4	< 0.5	121	628	1	112	4	41	1.72	11	10	17	< 0.5	2	2.66	26	154	3.97	< 10	2	0.36	11
393566	180	0.2	< 0.5	73	722	2	132	4	42	1.83	15	24	32	0.6	< 2	1.85	35	112	4.30	< 10	< 1	0.75	11
393567	43	< 0.2	< 0.5	75	930	< 1	117	< 2	41	2.24	8	11	35	< 0.5	< 2	3.67	24	171	4.28	< 10	< 1	0.35	13
393568	112	< 0.2	0.6	124	804	< 1	136	< 2	45	2.28	6	< 10	50	< 0.5	< 2	3.62	32	161	4.29	< 10	< 1	0.36	14
393569	115	0.2	< 0.5	72	766	< 1	118	3	45	2.25	7	19	27	< 0.5	3	3.21	31	158	4.15	< 10	< 1	0.52	14
393570	42	0.3	< 0.5	42	605	< 1	102	< 2	35	1.93	7	19	41	< 0.5	< 2	1.91	29	183	3.45	< 10	< 1	0.12	14
393571	16	0.2	< 0.5	37	549	< 1	103	2	34	2.13	9	15	49	< 0.5	< 2	1.72	30	157	3.26	< 10	< 1	0.14	12
393572	10	0.3	< 0.5	49	675	< 1	114	2	37	2.18	8	11	78	< 0.5	< 2	2.08	29	180	3.79	< 10	< 1	0.13	13
393573	79	0.2	< 0.5	49	614	< 1	97	< 2	36	1.94	10	13	54	< 0.5	< 2	2.96	25	149	3.85	< 10	< 1	0.30	20
393574	24	0.2	< 0.5	51	643	3	102	< 2	35	1.75	10	14	48	< 0.5	< 2	2.52	27	163	3.44	< 10	< 1	0.40	14
393575	11	< 0.2	< 0.5	55	707	2	86	< 2	43	2.22	5	30	207	0.6	3	1.30	19	108	3.13	< 10	< 1	1.05	41
393576	56	< 0.2	< 0.5	60	503	2	86	< 2	33	1.92	9	29	59	0.5	< 2	1.12	29	92	3.15	< 10	< 1	0.95	32
393577	9	< 0.2	< 0.5	46	724	2	104	< 2	42	2.28	7	19	118	< 0.5	< 2	2.98	23	147	3.54	< 10	< 1	0.68	22
393578	10	< 0.2	< 0.5	51	699	4	101	< 2	52	2.07	7	20	39	< 0.5	< 2	2.43	25	119	3.71	< 10	< 1	0.69	40
393579	100	0.2	< 0.5	52	708	1	117	< 2	47	2.07	9	10	40	< 0.5	< 2	1.67	30	189	4.11	< 10	< 1	0.17	14
393580	1250	1.0	0.7	616	513	35	35	79	100	1.61	21	15	46	< 0.5	< 2	1.23	13	48	3.59	< 10	< 1	0.29	< 10
393581	145	0.2	< 0.5	51	561	2	106	6	48	1.74	10	< 10	43	< 0.5	< 2	1.85	27	171	3.48	< 10	< 1	0.18	13
393582	32	0.3	< 0.5	34	739	1	111	3	54	2.21	7	< 10	15	< 0.5	< 2	3.47	26	188	4.07	< 10	< 1	0.30	13
393583	11	< 0.2	< 0.5	44	566	1	91	4	44	1.97	7	< 10	34	< 0.5	< 2	2.26	24	158	3.83	< 10	< 1	0.32	13
393584	15	< 0.2	< 0.5	36	456	6	90	< 2	42	2.18	8	20	35	0.6	< 2	1.73	22	125	3.79	< 10	< 1	0.78	62
393585	13	0.2	< 0.5	68	456	1	87	5	40	1.73	7	11	24	< 0.5	< 2	1.92	25	147	3.43	< 10	< 1	0.38	12
393586	8	< 0.2	< 0.5	35	586	< 1	99	14	54	2.26	8	< 10	27	< 0.5	< 2	1.92	21	187	4.07	10	< 1	0.23	11
393587	8	0.2	0.6	49	908	< 1	166	15	51	2.61	7	< 10	59	< 0.5	< 2	4.37	29	322	4.58	< 10	< 1	0.15	22
393588	< 5	< 0.2	< 0.5	67	1050	< 1	268	12	47	3.28	4	< 10	396	0.5	< 2	4.33	38	500	5.45	10	< 1	0.42	28
393589	9	0.2	< 0.5	53	695	1	107	6	47	1.94	8	< 10	53	< 0.5	< 2	2.27	26	217	4.01	10	< 1	0.20	23
393590	13	0.3	< 0.5	58	667	< 1	112	7	50	2.00	10	< 10	29	< 0.5	< 2	1.38	32	217	4.06	10	< 1	0.15	15
393591	17	< 0.2	< 0.5	31	746	< 1	104	7	46	1.78	10	< 10	37	< 0.5	< 2	2.18	29	218	3.88	10	< 1	0.15	14
393592	19	< 0.2	< 0.5	55	596	2	70	< 2	39	1.58	7	< 10	43	< 0.5	< 2	1.97	14	149	3.04	< 10	< 1	0.25	33
393593	25	< 0.2	< 0.5	89	721	1	14	< 2	42	1.60	7	< 10	29	< 0.5	< 2	2.66	16	17	3.82	10	< 1	0.22	50
393594	41	< 0.2	< 0.5	106	714	2	13	< 2	44	1.61	6	< 10	36	< 0.5	< 2	2.27	13	19	4.07	10	< 1	0.22	47
393595	62	< 0.2	< 0.5	141	626	< 1	13	< 2	39	1.56	6	< 10	48	0.6	< 2	2.40	14	15	3.84	< 10	< 1	0.37	48
393596	86	< 0.2	< 0.5	89	445	1	16	< 2	28	1.44	8	17	45	0.9	2	1.41	17	13	3.38	< 10	< 1	0.73	52
393597	76	< 0.2	< 0.5	57	651	3	48	2	37	1.64	9	15	21	0.7	< 2	1.96	26	47	4.69	< 10	< 1	0.56	38
393598	17	< 0.2	< 0.5	66	867	5	59	< 2	48	2.25	3	< 10	50	0.6	< 2	2.13	21	52	6.25	10	< 1	0.30	11
393599	66	0.3	< 0.5	82	678	4	33	< 2	40	1.83	10	< 10	26	0.6	< 2	1.54	32	6	5.74	10	< 1	0.30	< 10
393600	< 5	< 0.2	< 0.5	1	19	< 1	< 1	< 2	< 2	0.07	< 2	< 10	< 10	< 0.5	< 2	0.03	< 1	1	0.17	< 10	< 1	0.01	< 10
393601	64	0.3	< 0.5	46	677	1	28	< 2	43	2.35	6	13	30	0.7	< 2	1.74	22	5	6.43	10	< 1	0.56	12
393602	28	0.2	< 0.5	62	543	1	35	< 2	36	1.76	8	< 10	20	0.6	< 2	1.42	29	6	5.98	< 10	< 1	0.44	13
393603	74	0.3	< 0.5	100	552	3	28	< 2	38	1.94	8	11	24	< 0.5	< 2	2.38	29	5	5.25	< 10	< 1	0.60	14
393604	179	0.2	< 0.5	71	461	2	20	< 2	36	1.73	11	14	17	0.6	< 2	2.84	27	3	4.88	< 10	< 1	0.70	15
393605	82	0.3	< 0.5	123	473	1	29	< 2	34	1.59	9	13	16	0.5	< 2	3.10	26	3	5.16	< 10	< 1	0.63	12
393606	101	0.2	< 0.5	53	415	3	35	3	31	1.48	10	14	14	0.6	< 2	2.33	27	9	4.92	< 10	< 1	0.62	12
393607	179	0.3	< 0.5	59	464	3	50	5	25	1.22	10	11	< 10	< 0.5	< 2	2.80	29	6	5.57	< 10	< 1	0.42	13
393608	51	0.2	< 0.5	94	451	1	43	2	34	1.54	10	12	< 10	< 0.5	< 2	2.34	27	6	5.93	< 10	< 1	0.48	15
393609	46	< 0.2	< 0.5	117	495	2	135	4	38	1.65	17	11	< 10	< 0.5	< 2	2.18	64	6	7.09	< 10	< 1	0.52	17
393610	51	0.2	< 0.5	72	480	3	79	4	36	1.48	11	10	14	< 0.5	< 2	1.46	45	6	5.89	< 10	< 1	0.48	17
393611	96	0.3	< 0.5	70	572	< 1	73	2	39	1.83	7	< 10	22	< 0.5	< 2	1.52	35	6	5.45	< 10	< 1	0.49	< 10
393612	112	0.5	< 0.5	57	306	1	45	5	22	0.92	9	< 10	11	< 0.5	< 2	1.12	33	5	5.45	< 10	< 1	0.34	< 10
393613	168	0.5	0.5	86	488	2	32	7	35	1.41	9	< 10	14	< 0.5	< 2	1.68	30	15	5.27	< 10	< 1	0.31	33

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
393614	197	0.3	< 0.5	40	534	1	33	3	37	1.66	9	16	10	< 0.5	< 2	2.25	35	9	5.90	< 10	< 1	0.35	18
393615	346	0.3	< 0.5	28	381	3	32	3	32	1.41	10	14	11	< 0.5	< 2	2.24	30	5	4.49	< 10	< 1	0.40	14
393616	486	0.3	< 0.5	112	551	2	29	< 2	47	2.01	7	19	11	0.5	< 2	2.23	36	6	6.19	< 10	< 1	0.44	13
393617	68	0.3	< 0.5	986	515	1	26	3	39	1.87	10	< 10	14	< 0.5	< 2	2.30	27	5	5.84	< 10	< 1	0.48	20
393618	87	0.3	< 0.5	47	472	2	25	< 2	34	1.85	10	< 10	15	< 0.5	< 2	2.11	37	5	5.89	< 10	< 1	0.55	18
393619	340	0.4	< 0.5	18	341	3	36	4	15	0.90	21	18	< 10	< 0.5	< 2	2.25	37	4	4.59	< 10	< 1	0.37	< 10
393620	> 5000																						
393621	200	0.4	< 0.5	16	334	2	48	5	29	1.36	17	18	16	< 0.5	< 2	1.53	39	4	5.00	< 10	< 1	0.38	< 10
393622	121	0.3	< 0.5	76	487	< 1	21	< 2	39	1.87	11	< 10	22	< 0.5	< 2	1.67	24	5	5.37	< 10	< 1	0.36	17
393623	148	0.2	< 0.5	60	463	2	21	2	37	1.68	12	< 10	12	< 0.5	< 2	2.39	25	6	5.66	< 10	< 1	0.30	31
393624	884	0.3	< 0.5	52	642	1	14	< 2	42	2.22	13	11	27	< 0.5	< 2	2.01	23	6	5.45	< 10	< 1	0.35	13
393625	185	0.3	< 0.5	112	630	< 1	17	< 2	35	2.01	14	10	< 10	< 0.5	< 2	3.09	19	5	5.94	< 10	< 1	0.36	12
393626	253	0.2	< 0.5	22	381	2	41	2	29	1.52	18	11	< 10	< 0.5	< 2	2.54	33	5	5.74	< 10	< 1	0.53	12
393627	194	0.3	< 0.5	40	456	1	21	< 2	30	1.79	10	19	13	0.6	< 2	2.77	27	3	5.80	< 10	< 1	0.85	18
393628	297	0.4	< 0.5	96	538	< 1	19	< 2	41	1.98	4	14	24	0.5	< 2	2.79	20	4	5.04	< 10	< 1	0.65	14
393629	458	0.7	< 0.5	69	662	4	25	3	41	2.04	8	20	20	0.5	2	3.91	28	4	6.10	< 10	< 1	0.58	28
393630	956	0.9	< 0.5	78	406	7	29	3	29	1.94	9	24	17	0.9	2	1.44	32	3	5.53	< 10	< 1	1.03	< 10
393631	426	0.5	< 0.5	51	569	1	21	< 2	30	1.88	7	22	19	0.6	< 2	3.06	23	3	5.24	< 10	< 1	0.78	12
393632	1410	0.8	< 0.5	135	648	1	24	< 2	41	1.94	8	14	20	< 0.5	2	2.75	19	4	5.73	< 10	< 1	0.51	< 10
393633	821	0.8	< 0.5	98	527	2	14	< 2	33	1.68	6	15	17	< 0.5	< 2	3.31	23	5	5.31	< 10	< 1	0.52	< 10
393634	656	0.9	< 0.5	24	314	12	16	2	18	1.63	7	21	12	0.7	< 2	2.40	20	3	5.48	< 10	< 1	0.80	< 10
393635	1040	1.4	< 0.5	35	396	11	18	< 2	20	1.29	9	14	16	< 0.5	< 2	3.53	18	3	5.88	< 10	1	0.54	< 10
393636	506	1.4	< 0.5	38	814	18	20	2	21	1.33	8	15	15	< 0.5	2	8.07	16	2	5.75	< 10	3	0.46	< 10
393637	580	1.0	< 0.5	29	544	23	26	5	19	1.56	12	14	< 10	0.5	2	4.35	23	3	8.28	< 10	4	0.67	< 10
393638	439	1.1	< 0.5	52	672	29	21	4	14	1.24	13	12	10	< 0.5	2	4.48	21	3	8.04	< 10	4	0.61	< 10
393639	1750	2.2	< 0.5	184	628	15	23	3	17	1.26	11	11	10	< 0.5	< 2	4.11	17	8	7.87	< 10	4	0.62	< 10
393640	< 5	< 0.2	< 0.5	1	18	< 1	< 1	< 2	< 2	0.06	< 2	< 10	< 10	< 0.5	< 2	0.01	< 1	1	0.20	< 10	< 1	< 0.01	< 10
393641	2160	2.0	< 0.5	189	846	2	32	< 2	40	1.96	9	< 10	17	< 0.5	< 2	4.70	22	6	7.05	< 10	2	0.55	< 10
393642	254	1.0	< 0.5	93	895	1	26	< 2	14	1.57	9	10	26	< 0.5	3	4.21	22	5	4.91	< 10	< 1	0.75	< 10
393643	378	0.6	< 0.5	130	810	2	27	< 2	16	1.44	8	11	29	0.5	3	3.40	20	5	4.76	< 10	1	0.83	< 10
393644	434	0.5	< 0.5	100	900	3	25	< 2	18	1.92	10	15	30	0.6	2	4.06	25	12	5.57	< 10	3	0.83	< 10
393645	354	0.3	< 0.5	69	613	2	25	< 2	33	1.86	10	10	18	< 0.5	< 2	2.71	27	14	4.64	< 10	< 1	0.52	17
393646	85	< 0.2	< 0.5	44	964	2	206	5	40	2.99	8	< 10	30	< 0.5	3	3.54	43	214	6.15	< 10	2	0.44	10
393647	18	< 0.2	< 0.5	33	1140	< 1	287	3	59	4.18	5	< 10	30	< 0.5	3	4.25	38	298	6.61	10	1	0.19	11
393648	114	0.2	< 0.5	108	1210	< 1	238	< 2	56	3.63	9	10	70	0.6	3	5.05	39	239	6.24	10	< 1	0.34	11
393649	125	0.2	< 0.5	56	1140	2	274	< 2	52	3.35	15	< 10	23	< 0.5	3	4.29	42	259	6.30	< 10	3	0.32	10
393650	23	< 0.2	< 0.5	55	1010	< 1	149	< 2	48	3.43	6	< 10	72	0.5	< 2	3.17	32	132	6.37	< 10	2	0.41	12
393651	281	< 0.2	< 0.5	33	687	< 1	25	< 2	36	2.35	11	< 10	15	< 0.5	< 2	2.74	20	17	5.55	< 10	3	0.47	17
393652	69	< 0.2	< 0.5	69	788	< 1	27	< 2	34	2.74	10	< 10	99	< 0.5	< 2	3.75	29	19	6.31	< 10	1	0.46	11
393653	88	0.2	< 0.5	61	696	3	33	< 2	39	2.78	13	11	15	< 0.5	4	2.59	32	19	6.91	< 10	2	0.50	13
393654	159	0.2	< 0.5	86	583	3	21	< 2	35	2.31	9	13	15	0.5	< 2	2.71	26	16	5.42	< 10	3	0.67	12
393655	182	0.3	< 0.5	114	572	< 1	18	< 2	32	2.23	16	11	17	< 0.5	3	2.22	27	16	5.66	< 10	2	0.54	13
393656	75	0.3	< 0.5	89	589	1	21	< 2	27	2.32	12	11	17	< 0.5	< 2	2.58	23	16	5.85	< 10	2	0.50	13
393657	72	0.3	< 0.5	80	528	2	22	< 2	29	2.42	18	12	12	< 0.5	< 2	1.93	33	16	7.07	< 10	3	0.39	11
393658	44	0.3	< 0.5	92	584	< 1	100	< 2	30	2.28	15	11	16	< 0.5	< 2	2.19	31	81	5.50	< 10	< 1	0.30	12
393659	241	0.3	< 0.5	65	733	2	223	< 2	43	2.44	15	< 10	18	< 0.5	< 2	2.77	38	215	5.08	< 10	< 1	0.28	13
393660	> 5000																						
393661	543	0.4	< 0.5	66	621	3	70	< 2	45	2.57	13	11	11	< 0.5	< 2	1.79	30	72	6.06	< 10	3	0.44	13
393662	154	0.3	< 0.5	68	490	3	31	< 2	32	2.29	14	10	20	< 0.5	< 2	1.62	29	24	6.20	< 10	4	0.42	12
393663	412	0.3	< 0.5	73	475	1	29	< 2	30	2.28	15	11	15	< 0.5	4	1.64	30	29	5.85	< 10	1	0.48	< 10
393664	622	0.3	< 0.5	80	543	2	28	< 2	27	1.91	15	10	17	< 0.5	3	1.94	31	24	6.16	< 10	1	0.40	< 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
393665	329	0.3	< 0.5	54	520	2	27	< 2	23	2.11	13	< 10	27	0.5	< 2	2.00	29	20	5.90	< 10	2	0.40	11
393666	323	0.2	< 0.5	30	462	2	29	< 2	22	2.08	14	< 10	28	< 0.5	< 2	1.64	29	25	6.31	< 10	3	0.42	13
393667	360	0.3	< 0.5	74	443	2	31	< 2	21	1.89	10	< 10	21	< 0.5	4	1.42	29	21	5.85	< 10	< 1	0.33	19
393668	622	0.5	< 0.5	88	431	2	34	< 2	22	1.77	11	< 10	16	< 0.5	< 2	1.93	27	22	5.85	< 10	3	0.32	< 10
393669	520	0.5	< 0.5	86	479	1	40	< 2	21	2.13	22	< 10	17	< 0.5	5	1.85	30	22	6.45	< 10	4	0.38	11
393670	558	0.6	< 0.5	98	441	< 1	45	< 2	20	1.95	19	< 10	18	< 0.5	3	1.61	30	31	5.81	< 10	3	0.39	10
393671	180	0.3	< 0.5	42	503	1	42	< 2	23	1.91	11	< 10	22	< 0.5	< 2	1.73	27	34	5.87	< 10	2	0.36	< 10
393672	206	0.3	< 0.5	83	531	3	38	< 2	25	1.63	11	< 10	20	0.9	< 2	1.83	23	36	5.14	< 10	< 1	0.34	24
393673	427	0.4	< 0.5	84	602	4	56	< 2	25	1.45	9	< 10	14	0.6	< 2	2.24	23	125	5.30	< 10	< 1	0.17	32
393674	1770	0.6	< 0.5	92	759	3	91	< 2	35	1.77	9	< 10	25	< 0.5	8	2.67	32	225	6.02	< 10	2	0.20	12
393675	528	0.4	< 0.5	52	619	3	129	< 2	36	1.84	11	< 10	25	0.6	7	2.38	39	226	5.56	< 10	1	0.25	11
393676	109	0.3	< 0.5	25	624	5	108	< 2	29	1.83	10	< 10	16	< 0.5	3	2.08	34	257	6.10	< 10	2	0.14	11
393677	117	0.3	< 0.5	37	676	3	103	< 2	30	1.86	8	< 10	24	< 0.5	4	2.35	37	274	5.65	< 10	1	0.18	15
393678	103	0.3	< 0.5	170	890	1	94	< 2	41	2.29	12	< 10	27	0.6	< 2	3.94	35	254	5.89	< 10	1	0.17	13
393679	74	0.3	< 0.5	77	954	1	115	< 2	36	2.24	9	< 10	35	0.5	< 2	3.82	36	267	6.06	< 10	3	0.22	< 10
393680	< 5	< 0.2	< 0.5	2	85	< 1	2	< 2	2	0.06	< 2	< 10	10	< 0.5	< 2	0.08	< 1	8	0.66	< 10	< 1	0.01	< 10
393681	51	0.4	< 0.5	124	1080	2	116	< 2	32	2.21	12	< 10	28	< 0.5	< 2	4.61	36	275	5.90	< 10	2	0.17	< 10
393682	59	0.2	< 0.5	58	941	3	122	< 2	34	2.21	10	< 10	30	0.6	< 2	3.51	36	306	5.87	< 10	2	0.18	19
393683	42	0.3	< 0.5	82	864	2	120	< 2	32	2.07	9	< 10	34	0.6	< 2	3.24	37	289	5.67	< 10	< 1	0.16	< 10
393684	45	0.3	< 0.5	67	994	2	116	< 2	35	2.49	12	< 10	35	0.6	2	3.63	38	277	5.84	< 10	3	0.23	< 10
393685	32	0.3	0.5	249	1040	1	121	< 2	38	2.23	10	< 10	39	< 0.5	2	4.30	32	296	5.32	< 10	< 1	0.14	< 10
393686	36	0.3	< 0.5	125	934	1	126	< 2	37	2.46	12	< 10	40	0.5	< 2	3.59	34	305	5.48	< 10	1	0.22	< 10
393687	46	0.3	< 0.5	18	648	< 1	110	< 2	23	1.99	9	< 10	22	< 0.5	3	2.38	36	252	5.67	< 10	3	0.16	12
393688	78	< 0.2	< 0.5	49	791	1	27	2	19	1.46	14	10	24	0.6	< 2	3.52	24	25	4.59	< 10	< 1	0.32	33
393689	88	0.2	< 0.5	47	926	1	24	4	18	1.59	10	10	24	0.6	< 2	5.02	25	17	4.70	< 10	< 1	0.39	28
393690	96	0.3	< 0.5	60	867	3	42	10	23	1.71	10	11	28	0.7	< 2	4.34	27	37	4.78	< 10	< 1	0.46	24
393691	56	0.5	< 0.5	44	1320	1	113	< 2	45	2.63	7	< 10	37	< 0.5	3	6.37	31	199	4.98	< 10	< 1	0.28	< 10
393692	88	0.2	< 0.5	50	1260	2	79	9	26	1.65	10	< 10	40	< 0.5	< 2	6.30	27	95	4.53	< 10	< 1	0.37	13
393693	898	0.6	< 0.5	60	860	13	97	10	39	2.03	15	< 10	37	< 0.5	3	4.30	28	164	5.63	< 10	3	0.32	< 10
393694	184	0.3	< 0.5	51	899	1	87	< 2	45	2.20	9	< 10	36	< 0.5	3	4.23	29	234	5.84	< 10	3	0.19	< 10
393695	71	0.4	< 0.5	61	879	< 1	91	< 2	43	2.15	11	< 10	< 10	< 0.5	3	3.87	29	223	6.55	< 10	1	0.17	< 10
393696	173	0.5	< 0.5	146	781	< 1	92	< 2	41	2.11	11	< 10	< 10	< 0.5	4	2.26	31	200	6.73	< 10	< 1	0.14	< 10
393697	142	0.5	< 0.5	168	628	< 1	84	< 2	30	1.67	13	< 10	23	< 0.5	3	1.98	40	154	5.28	< 10	< 1	0.21	< 10
393698	44	0.2	< 0.5	52	567	< 1	78	< 2	25	1.51	10	< 10	13	< 0.5	4	2.63	32	133	4.14	< 10	< 1	0.14	< 10
393699	41	0.3	< 0.5	89	465	< 1	71	3	21	1.35	15	11	12	< 0.5	< 2	2.53	27	118	3.80	< 10	< 1	0.22	< 10
393700	3960	1.0	0.5	377	749	407	28	44	135	1.58	23	10	120	< 0.5	< 2	1.31	11	43	3.36	< 10	< 1	0.28	10
393701	94	0.5	< 0.5	144	374	< 1	66	< 2	17	1.10	15	< 10	14	< 0.5	< 2	2.38	31	123	3.59	< 10	< 1	0.13	< 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	0.03
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
393461	1.83	0.085	0.140	0.45	6	5	63	0.01	< 20	2	< 2	< 10	49	< 10	10	2	
393462	1.09	0.040	0.170	1.14	9	5	74	0.01	< 20	< 1	2	< 10	40	< 10	11	2	
393463	0.58	0.027	0.149	1.50	8	4	54	< 0.01	< 20	2	< 2	< 10	25	18	11	3	
393464	0.76	0.030	0.147	1.29	11	5	72	< 0.01	< 20	< 1	< 2	< 10	33	> 200	10	4	
393465	0.58	0.025	0.126	1.56	11	4	63	< 0.01	< 20	3	< 2	< 10	27	60	10	4	
393466	1.05	0.047	0.127	1.03	9	4	100	< 0.01	< 20	2	< 2	< 10	31	17	11	3	
393467	0.77	0.026	0.132	1.25	9	4	77	< 0.01	< 20	< 1	< 2	< 10	29	< 10	10	2	
393468	0.88	0.023	0.134	1.22	10	5	53	0.01	< 20	2	< 2	< 10	36	< 10	10	3	
393469	1.00	0.027	0.113	1.48	11	5	42	0.01	< 20	4	2	< 10	40	< 10	7	5	
393470	0.83	0.043	0.120	1.52	9	3	39	< 0.01	< 20	< 1	< 2	< 10	33	< 10	9	4	
393471	1.75	0.075	0.177	2.05	7	5	44	< 0.01	< 20	< 1	< 2	< 10	65	< 10	12	3	
393472	1.12	0.075	0.123	1.77	7	4	55	< 0.01	< 20	< 1	< 2	< 10	33	< 10	10	3	
393473	1.12	0.076	0.124	2.00	8	4	63	< 0.01	< 20	< 1	< 2	< 10	31	< 10	10	3	
393474	0.91	0.055	0.136	2.20	8	4	56	< 0.01	< 20	2	< 2	< 10	27	< 10	10	2	
393475	1.02	0.058	0.153	2.39	8	3	68	< 0.01	< 20	< 1	< 2	< 10	22	< 10	10	2	
393476	1.03	0.047	0.128	1.47	7	3	73	< 0.01	< 20	3	< 2	< 10	25	< 10	9	2	
393477	0.84	0.047	0.183	1.23	14	7	56	0.01	< 20	3	3	< 10	64	< 10	11	2	
393478	1.36	0.042	0.197	0.75	9	6	67	< 0.01	< 20	< 1	< 2	< 10	65	< 10	13	2	
393479	2.32	0.075	0.125	0.81	7	5	29	< 0.01	< 20	2	< 2	< 10	60	< 10	8	3	
393480	0.01	0.011	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2	
393481	0.66	0.042	0.053	0.63	10	3	61	< 0.01	< 20	5	< 2	< 10	17	39	6	3	
393482	0.12	0.028	0.059	0.63	9	2	33	< 0.01	< 20	< 1	< 2	< 10	15	12	4	2	
393483	0.34	0.020	0.064	0.86	8	3	45	< 0.01	< 20	3	< 2	< 10	18	< 10	5	3	
393484	0.54	0.032	0.075	0.75	8	4	41	< 0.01	< 20	2	< 2	< 10	22	< 10	5	3	
393485	0.91	0.043	0.075	0.57	6	4	59	< 0.01	< 20	< 1	< 2	< 10	24	28	5	5	
393486	0.23	0.023	0.068	0.82	11	4	45	< 0.01	< 20	< 1	< 2	< 10	22	17	4	3	
393487	0.34	0.032	0.080	0.65	12	4	49	< 0.01	< 20	< 1	< 2	< 10	18	< 10	5	2	
393488	0.82	0.038	0.075	0.42	11	4	56	< 0.01	< 20	< 1	< 2	< 10	24	13	5	2	
393489	1.02	0.040	0.069	0.28	8	4	56	< 0.01	< 20	< 1	< 2	< 10	23	< 10	5	1	
393490	1.55	0.081	0.073	0.42	10	4	48	< 0.01	< 20	2	< 2	< 10	33	< 10	5	2	
393491	1.68	0.060	0.110	0.62	10	5	59	< 0.01	< 20	< 1	< 2	< 10	44	< 10	6	2	
393492	1.88	0.048	0.076	0.74	13	5	57	< 0.01	< 20	< 1	< 2	< 10	42	20	6	3	
393493	1.53	0.028	0.076	1.31	15	5	55	< 0.01	< 20	< 1	< 2	< 10	36	< 10	6	4	
393494	0.69	0.030	0.071	1.27	12	4	56	< 0.01	< 20	2	< 2	< 10	25	< 10	5	3	
393495	0.48	0.046	0.062	1.38	14	3	53	< 0.01	< 20	< 1	< 2	< 10	16	< 10	5	3	
393496	1.06	0.047	0.181	1.22	17	9	103	0.01	< 20	< 1	< 2	< 10	66	< 10	10	2	
393497	2.34	0.046	0.341	0.85	16	17	161	0.03	< 20	< 1	< 2	< 10	142	15	17	3	
393498	1.82	0.063	0.268	1.58	22	10	134	0.03	< 20	< 1	< 2	< 10	103	15	17	3	
393499	2.14	0.063	0.153	1.66	17	8	199	0.01	< 20	< 1	< 2	< 10	75	< 10	9	3	
393500																	
393501	1.87	0.051	0.070	1.27	19	4	64	< 0.01	< 20	< 1	< 2	< 10	41	< 10	5	4	
393502	1.36	0.028	0.072	1.22	13	5	84	0.01	< 20	< 1	< 2	< 10	33	< 10	5	4	
393503	0.93	0.027	0.072	0.91	11	4	78	0.01	< 20	1	< 2	< 10	32	< 10	5	4	
393504	0.71	0.035	0.073	0.56	8	5	86	0.01	< 20	4	< 2	< 10	34	14	5	2	
393505	2.22	0.059	0.067	0.29	6	6	116	0.01	< 20	< 1	< 2	< 10	55	< 10	6	2	
393506	3.23	0.098	0.065	0.23	8	10	137	0.04	< 20	3	< 2	< 10	77	< 10	6	5	
393507	2.59	0.093	0.061	0.59	8	8	97	0.15	< 20	4	< 2	< 10	73	< 10	7	19	
393508	2.66	0.096	0.100	0.54	7	9	176	0.27	< 20	< 1	< 2	< 10	96	< 10	8	14	
393509	2.13	0.080	0.066	0.38	6	6	175	0.25	< 20	< 1	< 2	< 10	78	< 10	6	25	
393510	2.38	0.076	0.062	0.48	6	8	170	0.25	< 20	2	< 2	< 10	83	< 10	6	29	

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	0.03
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
393511	2.12	0.089	0.064	0.85	6	11	108	0.16	< 20	6	< 2	< 10	87	< 10	7	23	
393512	2.53	0.088	0.071	0.90	6	11	141	0.12	< 20	5	< 2	< 10	84	< 10	8	20	
393513	2.41	0.054	0.062	0.64	3	7	215	0.06	< 20	< 1	< 2	< 10	64	< 10	7	15	
393514	1.14	0.034	0.084	0.69	8	4	98	< 0.01	< 20	2	< 2	< 10	39	82	7	2	
393515	0.96	0.063	0.148	1.36	7	2	174	< 0.01	< 20	3	3	< 10	37	< 10	15	2	
393516	1.38	0.071	0.123	1.45	6	4	152	< 0.01	< 20	< 1	3	< 10	46	< 10	12	3	
393517	2.66	0.066	0.061	0.68	4	8	100	0.03	< 20	< 1	< 2	< 10	69	< 10	7	7	
393518	2.40	0.063	0.071	0.47	3	8	147	0.02	< 20	< 1	< 2	< 10	64	< 10	7	3	
393519	3.14	0.063	0.068	0.60	5	8	61	< 0.01	< 20	1	< 2	< 10	74	< 10	6	2	
393520	< 0.01	0.010	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
393521	2.49	0.063	0.065	0.50	7	7	74	0.01	< 20	< 1	2	< 10	61	< 10	6	3	
393522	2.33	0.051	0.067	0.07	5	7	84	< 0.01	< 20	< 1	< 2	< 10	56	< 10	6	1	
393523	2.87	0.049	0.099	0.22	5	9	125	< 0.01	< 20	< 1	3	< 10	74	< 10	8	2	
393524	1.88	0.040	0.072	0.71	3	6	71	< 0.01	< 20	< 1	< 2	< 10	47	< 10	7	2	
393525	2.17	0.065	0.068	1.13	8	8	63	< 0.01	< 20	4	< 2	< 10	60	< 10	6	3	
393526	1.39	0.061	0.153	1.92	11	7	66	0.01	< 20	< 1	< 2	< 10	71	< 10	11	3	
393527	1.01	0.061	0.223	2.19	14	8	86	0.03	< 20	< 1	< 2	< 10	95	13	16	4	
393528	1.89	0.079	0.214	1.95	9	10	154	0.02	< 20	< 1	< 2	< 10	113	< 10	16	4	
393529	1.99	0.075	0.196	2.60	7	9	159	0.01	< 20	< 1	< 2	< 10	113	< 10	13	3	
393530	1.29	0.053	0.190	2.24	12	8	124	0.02	< 20	< 1	< 2	< 10	81	55	11	3	
393531	1.88	0.065	0.206	2.45	8	9	163	0.01	< 20	< 1	< 2	< 10	107	< 10	14	3	
393532	1.78	0.058	0.201	2.02	8	9	189	0.02	< 20	< 1	< 2	< 10	101	< 10	14	3	
393533	1.80	0.066	0.210	1.83	8	9	142	0.02	< 20	< 1	< 2	< 10	111	< 10	14	4	
393534	1.91	0.063	0.191	1.73	7	8	136	< 0.01	< 20	< 1	< 2	< 10	103	< 10	12	3	
393535	1.20	0.063	0.200	2.27	14	8	118	0.02	< 20	6	< 2	< 10	97	14	14	3	
393536	2.08	0.062	0.169	2.17	12	8	146	0.01	< 20	< 1	< 2	< 10	95	< 10	11	3	
393537	2.76	0.058	0.072	1.28	6	8	104	0.01	< 20	< 1	< 2	< 10	64	< 10	5	4	
393538	2.64	0.058	0.066	1.75	6	7	119	0.01	< 20	1	< 2	< 10	61	< 10	5	4	
393539	2.36	0.053	0.107	1.46	8	12	197	0.01	< 20	< 1	< 2	< 10	86	10	10	4	
393540	0.66	0.117	0.048	0.62	6	6	56	0.14	< 20	< 1	< 2	< 10	74	11	13	8	
393541	0.97	0.031	0.105	2.21	15	9	98	0.02	< 20	3	< 2	< 10	56	75	11	7	
393542	2.15	0.058	0.106	1.59	32	10	153	0.01	< 20	< 1	< 2	< 10	74	< 10	10	4	
393543	3.19	0.052	0.077	0.89	15	11	104	< 0.01	< 20	3	< 2	< 10	91	< 10	6	3	
393544	3.32	0.056	0.072	0.44	5	14	173	0.01	< 20	< 1	< 2	< 10	96	< 10	6	3	
393545	1.00	0.025	0.089	1.98	13	11	101	0.01	< 20	< 1	< 2	< 10	51	85	7	8	
393546	1.58	0.035	0.069	0.92	15	7	108	< 0.01	< 20	< 1	< 2	< 10	38	10	6	4	
393547	2.22	0.041	0.052	1.10	43	5	119	< 0.01	< 20	4	< 2	< 10	35	< 10	5	4	
393548	1.00	0.029	0.064	1.86	25	6	83	< 0.01	< 20	3	< 2	< 10	31	14	5	5	
393549	1.97	0.038	0.062	1.84	27	5	89	< 0.01	< 20	< 1	3	< 10	38	< 10	5	6	
393550	2.66	0.056	0.064	1.29	19	6	118	< 0.01	< 20	< 1	< 2	< 10	56	< 10	4	4	
393551	2.61	0.055	0.064	0.80	96	6	159	0.01	< 20	1	< 2	< 10	51	< 10	4	4	
393552	1.87	0.042	0.073	1.54	18	8	127	0.02	< 20	< 1	< 2	< 10	57	23	5	9	
393553	0.52	0.019	0.088	2.50	13	8	28	0.05	< 20	5	< 2	< 10	53	58	6	29	
393554	0.42	0.037	0.163	3.83	11	6	84	0.04	< 20	< 1	< 2	< 10	74	102	14	10	
393555	1.72	0.037	0.280	2.68	11	10	172	0.07	< 20	< 1	< 2	< 10	107	14	19	6	
393556	6.01	0.051	0.400	0.10	7	17	395	0.04	< 20	< 1	< 2	< 10	144	< 10	15	3	
393557	2.75	0.027	0.191	1.77	10	12	174	0.02	< 20	< 1	3	< 10	86	< 10	10	3	
393558	1.08	0.042	0.062	2.34	14	7	92	0.01	< 20	< 1	< 2	< 10	46	> 200	5	15	
393559	0.48	0.030	0.056	2.04	13	5	28	0.01	< 20	4	< 2	< 10	33	25	5	18	
393560	< 0.01	0.018	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	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	0.03
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
393561	0.48	0.036	0.189	2.95	11	5	84	0.03	< 20	< 1	< 2	< 10	64	46	15	4	
393562	1.14	0.051	0.165	3.44	9	7	184	< 0.01	< 20	4	< 2	< 10	87	< 10	14	3	
393563	1.66	0.059	0.059	2.50	11	7	106	< 0.01	< 20	2	< 2	< 10	55	< 10	5	19	
393564	1.75	0.060	0.061	2.03	12	6	96	< 0.01	< 20	1	< 2	< 10	49	< 10	5	9	
393565	1.79	0.068	0.058	2.00	34	6	90	0.02	< 20	< 1	3	< 10	52	< 10	5	11	
393566	1.13	0.035	0.065	2.78	15	5	86	0.02	< 20	2	< 2	< 10	37	16	6	21	
393567	2.26	0.059	0.061	1.05	4	7	171	0.09	< 20	< 1	< 2	< 10	60	< 10	7	24	
393568	2.26	0.045	0.062	1.06	8	6	119	0.09	< 20	< 1	< 2	< 10	51	< 10	6	24	
393569	1.99	0.044	0.063	1.21	9	7	111	0.09	< 20	< 1	< 2	< 10	55	< 10	7	25	
393570	1.85	0.073	0.061	0.59	10	7	200	0.25	< 20	4	< 2	< 10	72	< 10	6	24	
393571	1.75	0.074	0.061	0.48	11	6	247	0.26	< 20	5	< 2	< 10	66	< 10	5	25	
393572	2.15	0.070	0.065	0.66	12	7	229	0.26	< 20	4	< 2	< 10	73	< 10	6	29	
393573	1.87	0.070	0.071	0.93	9	7	164	0.21	< 20	6	< 2	< 10	69	< 10	7	26	
393574	1.51	0.065	0.061	0.89	8	8	121	0.19	< 20	< 1	< 2	< 10	63	< 10	7	31	
393575	0.93	0.049	0.070	0.29	11	6	78	0.06	< 20	4	< 2	< 10	42	51	8	13	
393576	0.77	0.026	0.081	1.23	11	5	53	0.08	< 20	4	< 2	< 10	36	96	8	20	
393577	1.72	0.060	0.061	0.58	8	7	130	0.14	< 20	2	< 2	< 10	54	28	8	22	
393578	1.59	0.041	0.062	1.46	9	7	82	0.12	< 20	4	< 2	< 10	52	23	7	33	
393579	2.41	0.092	0.056	0.99	7	8	186	0.25	< 20	5	< 2	< 10	86	< 10	6	33	
393580	0.80	0.159	0.065	0.58	4	8	58	0.15	< 20	1	< 2	< 10	81	20	10	9	
393581	2.07	0.092	0.058	1.17	5	6	127	0.24	< 20	2	< 2	< 10	73	< 10	6	28	
393582	2.69	0.058	0.062	1.76	6	9	59	0.16	< 20	5	< 2	< 10	72	< 10	7	30	
393583	2.37	0.048	0.051	1.77	6	7	58	0.15	< 20	2	< 2	< 10	53	< 10	6	32	
393584	2.02	0.040	0.058	2.19	9	6	81	0.14	< 20	< 1	< 2	< 10	46	< 10	7	39	
393585	2.06	0.050	0.051	1.93	8	7	49	0.17	< 20	4	< 2	< 10	50	< 10	5	29	
393586	3.17	0.075	0.063	1.90	9	9	46	0.23	< 20	2	< 2	< 10	82	< 10	6	30	
393587	3.91	0.047	0.114	0.95	6	13	148	0.20	< 20	3	< 2	< 10	109	< 10	8	15	
393588	5.43	0.070	0.192	0.18	8	8	236	0.29	< 20	1	< 2	< 10	142	< 10	12	7	
393589	2.46	0.069	0.064	1.09	6	12	90	0.24	< 20	3	< 2	< 10	95	< 10	7	36	
393590	2.61	0.072	0.059	1.25	7	9	104	0.27	< 20	5	< 2	< 10	96	< 10	7	39	
393591	2.32	0.060	0.054	1.31	7	13	72	0.23	< 20	8	< 2	< 10	94	< 10	6	33	
393592	1.75	0.081	0.071	0.81	3	9	42	0.21	< 20	4	< 2	< 10	82	< 10	8	20	
393593	1.51	0.083	0.136	0.93	3	6	68	0.24	< 20	5	< 2	< 10	98	18	14	8	
393594	1.51	0.084	0.127	0.75	3	6	62	0.24	< 20	3	< 2	< 10	104	< 10	14	8	
393595	1.21	0.073	0.135	1.20	4	4	60	0.18	< 20	4	< 2	< 10	73	< 10	15	8	
393596	0.58	0.061	0.140	1.22	9	3	54	0.02	< 20	3	< 2	< 10	67	13	15	3	
393597	1.06	0.060	0.116	2.32	6	5	71	0.05	< 20	3	< 2	< 10	62	18	12	10	
393598	2.26	0.046	0.105	1.02	4	11	56	0.09	< 20	1	< 2	< 10	134	< 10	11	11	
393599	1.84	0.034	0.104	1.83	4	12	42	0.18	< 20	< 1	< 2	< 10	155	< 10	12	26	
393600	0.01	0.012	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	2	< 10	< 1	3	
393601	2.05	0.056	0.132	1.99	4	10	43	0.10	< 20	2	< 2	< 10	146	< 10	12	18	
393602	1.57	0.042	0.115	2.66	3	10	50	0.06	< 20	3	< 2	< 10	135	< 10	11	22	
393603	1.43	0.072	0.137	2.79	5	10	78	0.15	< 20	4	< 2	< 10	112	< 10	14	19	
393604	1.04	0.061	0.141	4.15	4	7	76	0.16	< 20	2	< 2	< 10	76	< 10	13	16	
393605	1.04	0.069	0.135	4.46	3	8	85	0.16	< 20	2	< 2	< 10	88	< 10	12	19	
393606	0.85	0.065	0.140	4.49	4	7	59	0.17	< 20	2	< 2	< 10	78	38	11	22	
393607	0.79	0.116	0.125	5.41	4	9	50	0.15	< 20	4	< 2	< 10	97	14	12	19	
393608	1.13	0.086	0.144	5.66	3	11	41	0.21	< 20	1	< 2	< 10	117	< 10	13	20	
393609	1.22	0.125	0.138	6.60	6	13	40	0.24	< 20	3	< 2	< 10	144	< 10	15	21	
393610	1.06	0.072	0.135	4.53	5	10	26	0.21	< 20	4	< 2	< 10	114	< 10	13	19	

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	0.03
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
393611	1.37	0.084	0.116	3.05	4	10	26	0.19	< 20	< 1	< 2	< 10	125	< 10	11	20	
393612	0.70	0.085	0.115	5.23	4	8	20	0.24	< 20	2	< 2	< 10	97	< 10	8	23	
393613	1.40	0.085	0.159	4.04	7	9	45	0.22	< 20	2	< 2	< 10	123	13	13	26	
393614	1.56	0.108	0.137	4.66	4	12	58	0.27	< 20	6	< 2	< 10	143	< 10	13	27	
393615	1.13	0.095	0.130	3.84	4	12	56	0.22	< 20	8	< 2	< 10	128	< 10	12	14	
393616	1.77	0.105	0.131	4.69	3	10	50	0.06	< 20	2	< 2	< 10	123	< 10	11	16	
393617	1.58	0.086	0.144	4.31	3	11	32	0.11	< 20	< 1	< 2	< 10	134	< 10	9	16	
393618	1.46	0.097	0.143	4.73	3	11	33	0.17	< 20	4	< 2	< 10	123	< 10	10	16	
393619	0.52	0.096	0.133	4.39	4	7	55	0.27	< 20	7	< 2	< 10	77	11	11	18	
393620																	
393621	1.12	0.114	0.138	4.50	4	8	26	0.17	< 20	6	< 2	< 10	94	< 10	10	15	
393622	1.69	0.094	0.137	3.44	5	12	86	0.24	< 20	4	< 2	< 10	132	< 10	12	15	
393623	1.62	0.108	0.137	4.73	3	13	73	0.18	< 20	5	< 2	< 10	144	< 10	13	14	
393624	1.73	0.072	0.133	2.32	7	12	187	0.26	< 20	4	< 2	< 10	134	< 10	13	13	
393625	1.55	0.096	0.130	3.52	6	11	181	0.27	< 20	4	< 2	< 10	129	< 10	13	16	
393626	1.15	0.082	0.140	5.54	4	9	52	0.09	< 20	4	< 2	< 10	90	< 10	11	14	
393627	0.91	0.079	0.119	5.54	6	7	66	0.02	< 20	< 1	< 2	< 10	78	< 10	10	12	
393628	1.42	0.069	0.130	3.26	4	7	83	0.01	< 20	< 1	2	< 10	85	< 10	9	5	
393629	1.61	0.088	0.116	4.61	6	8	107	0.01	< 20	6	< 2	< 10	97	< 10	12	7	
393630	0.74	0.042	0.136	4.69	7	6	30	0.01	< 20	2	3	< 10	66	< 10	9	13	
393631	1.05	0.068	0.126	4.20	4	6	62	0.01	< 20	2	< 2	< 10	72	< 10	10	6	
393632	1.73	0.064	0.129	4.09	4	7	65	0.02	< 20	5	< 2	< 10	87	< 10	9	10	
393633	1.35	0.072	0.140	4.59	4	7	92	0.02	< 20	2	< 2	< 10	80	12	8	7	
393634	0.71	0.082	0.142	5.46	6	7	49	0.01	< 20	2	< 2	< 10	67	< 10	8	7	
393635	0.81	0.058	0.130	6.15	4	5	100	< 0.01	< 20	3	< 2	< 10	52	29	7	11	
393636	1.06	0.046	0.101	5.88	5	4	314	< 0.01	< 20	< 1	< 2	< 10	43	25	10	10	
393637	0.94	0.028	0.114	9.91	6	6	115	< 0.01	< 20	3	< 2	< 10	52	< 10	8	19	
393638	0.56	0.022	0.135	10.5	6	6	120	< 0.01	< 20	6	< 2	< 10	53	< 10	10	19	
393639	0.62	0.026	0.110	9.82	6	6	97	< 0.01	< 20	3	< 2	< 10	58	< 10	11	19	
393640	< 0.01	0.012	0.002	< 0.01	< 2	< 1	1	< 0.01	< 20	< 1	< 2	< 10	1	< 10	< 1	2	
393641	1.41	0.024	0.143	6.31	7	8	78	< 0.01	< 20	< 1	< 2	< 10	81	< 10	13	10	
393642	0.82	0.037	0.131	3.23	4	8	84	< 0.01	< 20	3	< 2	< 10	48	< 10	11	3	
393643	0.98	0.042	0.115	3.03	5	8	75	< 0.01	< 20	2	< 2	< 10	54	< 10	12	9	
393644	1.03	0.065	0.126	3.36	6	8	85	< 0.01	< 20	3	< 2	< 10	61	< 10	12	6	
393645	1.37	0.081	0.119	2.95	4	5	46	< 0.01	< 20	< 1	< 2	< 10	68	< 10	9	5	
393646	3.16	0.056	0.101	2.43	5	10	66	< 0.01	< 20	< 1	< 2	< 10	106	< 10	8	10	
393647	5.34	0.036	0.080	0.77	6	11	72	< 0.01	< 20	< 1	5	< 10	110	< 10	8	6	
393648	4.10	0.043	0.082	1.18	8	9	72	< 0.01	< 20	< 1	< 2	< 10	92	< 10	9	5	
393649	4.10	0.039	0.081	1.63	5	10	97	< 0.01	< 20	< 1	< 2	< 10	104	< 10	7	11	
393650	3.67	0.053	0.099	0.46	4	10	86	0.04	< 20	< 1	< 2	< 10	120	< 10	10	7	
393651	1.91	0.081	0.111	2.44	4	6	62	0.01	< 20	< 1	< 2	< 10	93	< 10	11	5	
393652	2.19	0.069	0.111	0.74	5	9	125	0.15	< 20	< 1	< 2	< 10	125	< 10	13	14	
393653	2.34	0.066	0.125	3.22	5	11	96	0.29	< 20	< 1	< 2	< 10	148	< 10	15	23	
393654	1.88	0.061	0.131	3.49	5	11	148	0.26	< 20	1	< 2	< 10	124	< 10	15	27	
393655	1.95	0.061	0.140	3.62	4	13	96	0.32	< 20	2	< 2	< 10	142	< 10	16	25	
393656	1.99	0.078	0.127	3.32	5	15	112	0.35	< 20	1	< 2	< 10	153	< 10	15	25	
393657	2.10	0.065	0.137	4.84	5	14	162	0.42	< 20	2	< 2	< 10	150	< 10	14	23	
393658	2.21	0.087	0.133	3.22	6	11	230	0.41	< 20	2	< 2	< 10	146	< 10	13	26	
393659	3.17	0.106	0.095	2.78	4	8	105	0.34	< 20	4	< 2	< 10	101	< 10	7	25	
393660																	7.38

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	0.03
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
393661	2.71	0.080	0.112	3.76	5	14	93	0.41	< 20	8	< 2	< 10	148	< 10	12	34	
393662	2.17	0.057	0.138	4.14	4	13	93	0.28	< 20	2	< 2	< 10	151	< 10	13	29	
393663	2.03	0.054	0.102	4.12	6	14	102	0.38	< 20	5	< 2	< 10	145	< 10	12	28	
393664	1.80	0.088	0.103	4.08	4	14	75	0.30	< 20	3	< 2	< 10	153	< 10	12	25	
393665	2.03	0.066	0.116	4.09	4	14	63	0.25	< 20	5	< 2	< 10	150	< 10	13	24	
393666	2.06	0.072	0.132	4.80	4	15	44	0.21	< 20	< 1	< 2	< 10	152	< 10	13	24	
393667	2.00	0.050	0.117	4.53	4	14	55	0.27	< 20	2	2	< 10	155	< 10	13	23	
393668	1.92	0.051	0.103	4.89	3	12	59	0.21	< 20	4	< 2	< 10	133	< 10	12	23	
393669	2.14	0.044	0.134	4.60	4	12	95	0.25	< 20	6	2	< 10	135	< 10	13	26	
393670	2.08	0.043	0.109	4.67	5	13	71	0.36	< 20	7	< 2	< 10	150	< 10	13	26	
393671	2.22	0.036	0.086	4.56	3	11	35	0.08	< 20	< 1	< 2	< 10	125	< 10	10	24	
393672	1.86	0.050	0.138	3.94	4	9	34	0.05	< 20	< 1	< 2	< 10	111	< 10	12	15	
393673	1.91	0.074	0.142	4.38	3	11	37	0.15	< 20	< 1	< 2	< 10	109	< 10	14	34	
393674	2.56	0.067	0.117	3.76	4	18	41	0.32	< 20	7	< 2	< 10	143	< 10	12	26	
393675	2.65	0.068	0.105	3.66	4	14	51	0.35	< 20	11	< 2	< 10	135	< 10	11	25	
393676	2.73	0.067	0.100	4.44	5	16	29	0.27	< 20	< 1	< 2	< 10	132	< 10	10	18	
393677	2.58	0.066	0.107	3.52	4	18	31	0.28	< 20	1	< 2	< 10	145	< 10	12	17	
393678	3.17	0.063	0.097	3.08	4	18	63	0.28	< 20	1	< 2	< 10	144	< 10	10	19	
393679	2.96	0.055	0.085	2.76	4	16	63	0.15	< 20	2	< 2	< 10	124	< 10	10	13	
393680	< 0.01	0.014	0.002	< 0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	1	< 10	1	4	
393681	3.12	0.048	0.076	2.86	4	14	70	0.08	< 20	< 1	< 2	< 10	113	< 10	10	11	
393682	3.26	0.057	0.090	2.81	4	18	46	0.17	< 20	4	< 2	< 10	134	< 10	10	13	
393683	3.03	0.062	0.085	2.73	4	16	51	0.20	< 20	< 1	3	< 10	131	26	9	15	
393684	3.58	0.046	0.079	2.72	4	14	63	0.01	< 20	< 1	3	< 10	123	< 10	7	13	
393685	3.11	0.063	0.085	2.01	4	14	85	0.01	< 20	< 1	< 2	< 10	125	< 10	7	11	
393686	3.42	0.056	0.088	2.05	4	14	79	< 0.01	< 20	< 1	< 2	< 10	126	< 10	6	11	
393687	2.80	0.059	0.118	3.55	4	10	48	< 0.01	< 20	4	< 2	< 10	97	< 10	8	10	
393688	1.45	0.059	0.201	3.11	3	6	74	< 0.01	< 20	2	< 2	< 10	54	< 10	14	3	
393689	1.50	0.052	0.193	3.48	4	5	91	< 0.01	< 20	< 1	< 2	< 10	43	< 10	15	3	
393690	1.56	0.043	0.186	2.93	3	6	88	< 0.01	< 20	2	< 2	< 10	43	< 10	13	3	
393691	3.22	0.026	0.076	1.25	3	14	127	< 0.01	< 20	< 1	4	< 10	68	< 10	8	9	
393692	1.74	0.055	0.117	2.36	3	10	76	< 0.01	< 20	< 1	< 2	< 10	50	< 10	11	2	
393693	2.03	0.052	0.080	2.77	3	11	88	< 0.01	< 20	3	< 2	< 10	71	< 10	8	12	
393694	2.97	0.057	0.076	2.82	3	14	98	0.01	< 20	< 1	2	< 10	108	< 10	7	12	
393695	3.33	0.064	0.077	3.69	4	15	77	0.21	< 20	1	< 2	< 10	132	< 10	9	16	
393696	3.51	0.078	0.080	3.74	6	12	65	0.30	< 20	3	< 2	< 10	133	< 10	9	17	
393697	2.58	0.109	0.085	2.92	4	9	53	0.35	< 20	4	< 2	< 10	109	< 10	10	19	
393698	2.33	0.069	0.085	2.93	3	7	79	0.30	< 20	4	< 2	< 10	92	< 10	9	14	
393699	1.56	0.096	0.082	2.79	3	6	173	0.34	< 20	4	< 2	< 10	86	< 10	10	15	
393700	0.66	0.122	0.050	0.61	6	6	60	0.16	< 20	< 1	< 2	< 10	76	13	14	8	
393701	1.32	0.070	0.079	3.46	3	5	173	0.31	< 20	6	< 2	< 10	76	< 10	9	14	

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	73	1110	1	24	99	128	7.20	241	< 10	808	0.9	2	0.12	12	83	5.87	20	< 1	1.15	< 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		0.3	< 0.5	66	1020	1	23	93	120	6.55	214	< 10	869	0.9	3	0.15	15	77	5.24	20	2	1.09	< 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		1.2	< 0.5	66	1000	1	24	92	117	6.42	207	< 10	876	0.9	2	0.15	13	76	5.13	20	< 1	1.06	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.4	< 0.5	68	1020	2	25	94	119	6.51	214	< 10	940	0.9	2	0.15	14	77	5.37	20	2	1.08	< 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	2330	787	< 1	34	57	261	2.97	6		82	0.7	7	0.40	19	49	5.33	< 10		0.48	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		0.8	0.5	2190	785	< 1	37	63	254	2.82	5		90	0.8	12	0.43	21	49	5.02	< 10		0.51	38
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 922 (AQUA REGIA) Meas		0.8	0.7	2160	758	< 1	34	60	250	2.73	8		86	0.8	8	0.42	20	45	4.86	< 10		0.49	37
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.5	< 0.5	4240	883	< 1	32	80	327	2.80	8		77	0.7	21	0.43	23	42	5.67	< 10		0.45	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
OREAS 923 (AQUA REGIA) Meas		1.9	< 0.5	4290	849	< 1	32	81	319	2.73	6		69	0.7	24	0.42	22	41	5.63	< 10		0.42	34
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 923 (AQUA REGIA) Meas		1.8	0.8	4550	895	< 1	35	85	331	2.79	6		71	0.7	28	0.42	24	43	5.98	< 10		0.41	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
Oreas 96 (Aqua Regia) Meas		10.5		> 10000				88	416						46		43						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		10.4		> 10000				89	403						94		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		10.3		> 10000				85	401						87		47						
Oreas 96 (Aqua Regia) Cert		11.50		39100.00				100	448						27.9		49.2						
Oreas 96 (Aqua Regia) Meas		11.0		> 10000				93	414						109		46						
Oreas 96 (Aqua		11.50		39100.				100	448						27.9		49.2						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Regia) Cert				00																			
Oreas 621 (Aqua Regia) Meas		67.8	293	3540	558	12	24	> 5000	> 10000	1.76	78			0.6	7	1.58	30	31	3.35	10	4	0.38	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		65.5	287	3470	524	13	24	> 5000	> 10000	1.74	76			0.6	3	1.62	32	29	3.27	10	3	0.39	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		67.8	289	3540	534	13	26	> 5000	> 10000	1.72	78			0.6	9	1.56	32	32	3.31	10	3	0.39	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
Oreas 621 (Aqua Regia) Meas		68.7	290	3660	535	14	26	> 5000	> 10000	1.66	75			0.6	< 2	1.39	31	31	3.39	10	3	0.37	18
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 (Fire Assay) Cert																							
OREAS 45f (Aqua Regia) Meas				356	177	< 1	230	5	28	7.19			148	1.0	3	0.07	38	353	14.0	20	< 1	0.10	10
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 45f (Aqua Regia) Meas				336	167	< 1	232	< 2	26	7.07			140	1.1	5	0.07	39	339	13.3	20	< 1	0.11	10
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3110																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3020																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3070																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3110																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3090																						
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire	3130																						

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
Assay) Meas																							
OREAS 238 (Fire Assay) Cert	3030																						
OREAS 238 (Fire Assay) Meas	3110																						
OREAS 238 (Fire Assay) Cert	3030																						
Oreas E1336 (Fire Assay) Meas	503																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	528																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	521																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	510																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	521																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	514																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	509																						
Oreas E1336 (Fire Assay) Cert	510																						
Oreas E1336 (Fire Assay) Meas	511																						
Oreas E1336 (Fire Assay) Cert	510																						
OREAS 297 (Fire Assay) Meas																							
OREAS 297 (Fire Assay) Cert																							
393469 Orig	159																						
393469 Dup	163																						
393473 Orig		< 0.2	< 0.5	32	873	2	31	7	44	1.23	27	14	38	0.6	5	1.91	16	32	3.44	< 10	< 1	0.60	48
393473 Dup		< 0.2	< 0.5	33	874	2	30	7	44	1.22	27	13	36	0.6	5	1.91	16	32	3.43	< 10	< 1	0.59	48
393479 Orig	14																						
393479 Dup	14																						

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
393483 Orig	14																						
393483 Dup	14																						
393487 Orig		< 0.2	< 0.5	40	941	2	32	4	18	1.02	18	19	37	< 0.5	3	1.56	12	49	1.68	< 10	< 1	0.69	14
393487 Dup		< 0.2	< 0.5	42	941	2	33	4	18	1.06	19	20	38	0.5	2	1.57	12	51	1.69	< 10	< 1	0.71	14
393501 Orig		0.4	< 0.5	39	615	3	80	5	59	1.92	8	12	33	< 0.5	3	2.20	22	141	3.16	< 10	1	0.49	13
393501 Dup		0.3	< 0.5	40	615	3	78	6	59	1.85	8	11	32	< 0.5	3	2.19	22	138	3.14	< 10	< 1	0.44	13
393504 Orig	24																						
393504 Dup	23																						
393508 Orig		0.2	< 0.5	61	858	1	106	5	64	2.41	11	< 10	75	< 0.5	< 2	2.49	26	176	4.68	10	< 1	0.18	20
393508 Dup		0.2	< 0.5	61	865	< 1	107	5	64	2.42	12	< 10	98	< 0.5	< 2	2.52	25	176	4.69	10	< 1	0.19	20
393510 Orig	19	0.2	0.5	41	907	< 1	107	3	55	2.18	11	< 10	116	< 0.5	< 2	2.24	25	182	4.17	10	< 1	0.14	14
393510 Split PREP DUP	18	0.3	< 0.5	42	879	< 1	104	5	55	2.18	12	< 10	113	< 0.5	< 2	2.23	24	177	4.10	10	< 1	0.15	13
393513 Orig	18	< 0.2	< 0.5	40	948	< 1	106	< 2	57	2.31	5	11	47	< 0.5	< 2	3.14	23	181	4.05	< 10	< 1	0.32	13
393513 Dup	18	0.2	< 0.5	40	976	< 1	107	< 2	58	2.33	8	10	50	< 0.5	< 2	3.15	22	182	4.07	< 10	< 1	0.32	13
393517 Orig	65																						
393517 Dup	61																						
393536 Orig		0.3	< 0.5	69	969	1	55	2	59	1.88	4	< 10	18	0.6	< 2	3.13	24	61	5.20	10	< 1	0.31	30
393536 Dup		0.3	< 0.5	69	965	1	55	3	58	1.84	5	< 10	15	0.6	2	3.60	23	60	5.14	10	< 1	0.30	30
393539 Orig	355																						
393539 Dup	346																						
393549 Orig	177																						
393549 Dup	126																						
393550 Orig		0.2	< 0.5	37	827	< 1	114	< 2	59	2.32	11	< 10	25	< 0.5	< 2	3.43	25	202	4.22	< 10	< 1	0.34	< 10
393550 Dup		< 0.2	< 0.5	38	811	< 1	110	< 2	59	2.28	11	< 10	23	< 0.5	< 2	3.35	25	200	4.18	< 10	< 1	0.34	< 10
393559 Orig	282																						
393559 Dup	292																						
393561 Orig	382	0.3	< 0.5	311	445	3	35	6	30	1.45	11	29	30	0.8	< 2	1.29	24	27	4.15	< 10	< 1	0.87	48
393561 Split PREP DUP	376	0.3	< 0.5	294	444	3	36	6	29	1.50	8	29	30	0.8	< 2	1.27	25	28	4.19	< 10	< 1	0.90	47
393562 Orig		< 0.2	< 0.5	58	688	4	48	10	39	1.35	18	14	17	0.7	< 2	3.00	25	58	4.76	10	1	0.40	45
393562 Dup		< 0.2	< 0.5	58	670	4	47	11	37	1.32	16	13	21	0.7	< 2	2.75	25	56	4.63	< 10	< 1	0.37	42
393573 Orig	71																						
393573 Dup	87																						
393576 Orig		< 0.2	< 0.5	59	500	2	85	< 2	32	1.89	9	29	59	0.5	< 2	1.11	28	91	3.12	< 10	< 1	0.93	31
393576 Dup		< 0.2	< 0.5	62	505	2	86	< 2	33	1.95	9	30	59	0.5	< 2	1.13	29	94	3.18	< 10	< 1	0.97	32
393583 Orig	11																						
393583 Dup	10																						
393592 Orig		< 0.2	< 0.5	55	595	2	70	< 2	39	1.58	7	< 10	41	< 0.5	< 2	1.97	15	149	3.03	< 10	< 1	0.24	32
393592 Dup		< 0.2	0.6	56	596	2	70	< 2	40	1.57	6	< 10	45	< 0.5	< 2	1.98	13	150	3.04	10	< 1	0.25	33
393593 Orig	25																						
393593 Dup	25																						
393606 Orig		0.2	< 0.5	53	413	3	35	3	31	1.49	10	15	13	0.6	< 2	2.50	28	9	4.96	< 10	< 1	0.63	12
393606 Dup		0.2	< 0.5	53	416	3	36	3	31	1.47	10	14	14	0.6	< 2	2.15	25	9	4.87	< 10	< 1	0.61	11
393607 Orig	174																						
393607 Dup	183																						
393610 Orig	51	0.2	< 0.5	72	480	3	79	4	36	1.48	11	10	14	< 0.5	< 2	1.46	45	6	5.89	< 10	< 1	0.48	17
393610 Split PREP DUP	53	< 0.2	< 0.5	70	454	3	76	4	35	1.45	14	10	17	< 0.5	< 2	1.53	44	5	5.67	< 10	< 1	0.49	19
393616 Orig	448																						
393616 Dup	524																						
393618 Orig	87	0.3	< 0.5	48	477	2	25	< 2	34	1.90	10	< 10	16	< 0.5	< 2	1.93	38	5	5.97	< 10	< 1	0.57	18

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
393618 Dup	87	0.3	0.5	47	466	1	25	< 2	33	1.80	9	< 10	13	< 0.5	< 2	2.29	36	5	5.82	< 10	< 1	0.52	18
393619 Orig		0.4	< 0.5	18	341	3	36	4	15	0.89	22	18	< 10	< 0.5	< 2	2.09	38	4	4.56	< 10	< 1	0.36	< 10
393619 Dup		0.4	< 0.5	18	341	3	36	4	15	0.91	20	18	< 10	< 0.5	< 2	2.41	36	4	4.61	< 10	< 1	0.37	< 10
393632 Orig		0.8	< 0.5	136	653	1	24	< 2	41	1.95	7	13	19	< 0.5	2	3.00	19	4	5.77	< 10	< 1	0.51	< 10
393632 Dup		0.8	< 0.5	135	643	1	24	< 2	41	1.92	9	14	22	< 0.5	2	2.49	19	4	5.70	< 10	< 1	0.51	< 10
393637 Orig	555																						
393637 Dup	604																						
393647 Orig	18																						
393647 Dup	18																						
393655 Orig		0.2	< 0.5	115	573	1	19	< 2	32	2.21	15	10	17	< 0.5	4	2.23	27	16	5.65	< 10	2	0.54	13
393655 Dup		0.3	< 0.5	114	571	< 1	18	< 2	33	2.24	16	11	17	< 0.5	2	2.20	26	16	5.68	< 10	2	0.55	13
393657 Orig	71																						
393657 Dup	72																						
393659 Orig		0.4	< 0.5	64	733	2	223	< 2	43	2.44	15	< 10	18	< 0.5	< 2	2.71	38	215	5.06	< 10	1	0.28	12
393659 Dup		0.3	< 0.5	65	734	2	222	3	43	2.44	15	< 10	19	< 0.5	4	2.82	37	215	5.10	< 10	< 1	0.28	13
393661 Orig	543	0.4	< 0.5	66	621	3	70	< 2	45	2.57	13	11	11	< 0.5	< 2	1.79	30	72	6.06	< 10	3	0.44	13
393661 Split PREP DUP	544	0.4	< 0.5	65	603	3	66	< 2	42	2.58	16	12	11	< 0.5	4	1.73	30	70	6.11	< 10	3	0.47	13
393666 Orig	332																						
393666 Dup	313																						
393668 Orig		0.4	< 0.5	88	426	2	34	< 2	22	1.77	12	< 10	16	< 0.5	< 2	2.10	27	22	5.85	< 10	3	0.32	10
393668 Dup		0.5	< 0.5	88	436	2	35	< 2	23	1.77	11	< 10	16	< 0.5	< 2	1.75	27	23	5.85	< 10	3	0.32	< 10
393675 Orig	505																						
393675 Dup	550																						
393681 Orig		0.4	0.5	126	1100	2	118	< 2	33	2.24	12	< 10	28	< 0.5	2	4.57	37	279	5.97	< 10	2	0.17	< 10
393681 Dup		0.3	< 0.5	122	1060	2	113	< 2	31	2.18	13	< 10	27	< 0.5	< 2	4.65	34	270	5.83	< 10	2	0.16	< 10
393685 Orig	33																						
393685 Dup	31																						
393693 Orig	893																						
393693 Dup	902																						
393695 Orig		0.4	< 0.5	61	885	< 1	91	< 2	42	2.17	10	< 10	< 10	< 0.5	3	3.64	29	225	6.59	< 10	1	0.17	< 10
393695 Dup		0.3	< 0.5	61	873	< 1	91	< 2	43	2.14	13	< 10	< 10	< 0.5	3	4.11	29	221	6.52	< 10	2	0.16	< 10
393701 Orig	94	0.5	< 0.5	144	374	< 1	66	< 2	17	1.10	15	< 10	14	< 0.5	< 2	2.38	31	123	3.59	< 10	< 1	0.13	< 10
393701 Split PREP DUP	74	0.5	< 0.5	131	372	< 1	62	< 2	19	1.11	14	< 10	13	< 0.5	2	2.30	29	120	3.41	< 10	< 1	0.15	< 10
Method Blank	< 5																						
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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
Method Blank																							
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		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	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	0.03
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	0.41	0.135	0.038	0.02	5	21	32		< 20	< 1	< 2	< 10	171	< 10	5	8	
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	0.39	0.142	0.034	0.01	5	20	32		< 20	< 1	< 2	< 10	164	< 10	5	8	
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	0.38	0.141	0.034	0.01	4	19	32		< 20	< 1	< 2	< 10	162	< 10	5	7	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
GXR-6 Meas	0.39	0.156	0.034	0.01	5	21	34		< 20	< 1	< 2	< 10	166	< 10	5	10	
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	1.40	0.032	0.066	0.39	< 2	4	18		< 20		< 2	< 10	35	< 10	20	21	
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	1.34	0.034	0.064	0.37	3	4	17		< 20		< 2	< 10	36	< 10	23	14	
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	1.29	0.032	0.064	0.36	3	4	16		< 20		< 2	< 10	35	< 10	22	12	
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		0.061	0.64	4	4	15		< 20		< 2	< 10	36	< 10	21	25	
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	1.39		0.061	0.65	4	4	15		< 20		< 2	< 10	35	< 10	20	21	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
OREAS 923 (AQUA REGIA) Meas	1.47		0.063	0.70	3	4	15		< 20		< 2	< 10	36	< 10	20	29	
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5	
Oreas 96 (Aqua Regia) Meas				4.12	7												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.92	7												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				3.84	6												
Oreas 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 96 (Aqua Regia) Meas				4.00	8												

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	0.03
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 96 (Aqua Regia) Cert				4.38	4.53												
Oreas 621 (Aqua Regia) Meas	0.44	0.180	0.036	4.77	119	2	19		< 20		< 2	< 10	13	< 10	8	68	
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	0.42	0.186	0.034	4.48	120	3	19		< 20		< 2	< 10	13	< 10	8	66	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.43	0.187	0.035	4.48	118	2	18		< 20		3	< 10	13	< 10	8	66	
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0	
Oreas 621 (Aqua Regia) Meas	0.44	0.190	0.034	4.29	124	3	17		< 20		< 2	< 10	13	< 10	8	71	
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																	11.8
OREAS 229b (Fire Assay) Cert																	11.9
OREAS 45f (Aqua Regia) Meas	0.18	0.051	0.023	0.03		28	16	0.09	< 20		< 2	< 10	201		5	13	
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 45f (Aqua Regia) Meas	0.18	0.049	0.021	0.02		27	15	0.12	< 20		3	< 10	198		5	12	
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
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OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	

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	0.03
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 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
OREAS 238 (Fire Assay) Meas																	
OREAS 238 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
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Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
Oreas E1336 (Fire Assay) Meas																	
Oreas E1336 (Fire Assay) Cert																	
OREAS 297 (Fire Assay) Meas																	18.1
OREAS 297 (Fire Assay) Cert																	17.8
393469 Orig																	
393469 Dup																	
393473 Orig	1.12	0.076	0.124	1.98	8	4	63	< 0.01	< 20	< 1	< 2	< 10	31	< 10	10	3	
393473 Dup	1.11	0.075	0.124	2.02	8	4	64	< 0.01	< 20	3	< 2	< 10	31	< 10	10	3	
393479 Orig																	

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	0.03
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
393479 Dup																	
393483 Orig																	
393483 Dup																	
393487 Orig	0.34	0.031	0.080	0.65	11	4	49	< 0.01	< 20	< 1	< 2	< 10	17	< 10	5	2	
393487 Dup	0.34	0.032	0.080	0.65	13	4	49	< 0.01	< 20	< 1	< 2	< 10	18	< 10	5	2	
393501 Orig	1.87	0.052	0.070	1.28	19	5	63	< 0.01	< 20	3	< 2	< 10	42	< 10	5	3	
393501 Dup	1.86	0.049	0.069	1.26	18	4	64	< 0.01	< 20	< 1	< 2	< 10	41	< 10	5	4	
393504 Orig																	
393504 Dup																	
393508 Orig	2.65	0.094	0.099	0.54	6	9	175	0.27	< 20	10	< 2	< 10	95	< 10	8	13	
393508 Dup	2.67	0.098	0.101	0.54	7	9	177	0.28	< 20	< 1	< 2	< 10	97	< 10	8	14	
393510 Orig	2.38	0.076	0.062	0.48	6	8	170	0.25	< 20	2	< 2	< 10	83	< 10	6	29	
393510 Split PREP DUP	2.31	0.081	0.062	0.49	7	8	180	0.25	< 20	5	< 2	< 10	82	< 10	6	29	
393513 Orig	2.40	0.053	0.062	0.64	4	7	214	0.06	< 20	< 1	< 2	< 10	64	< 10	7	16	
393513 Dup	2.42	0.054	0.062	0.64	3	8	216	0.06	< 20	2	< 2	< 10	64	< 10	7	15	
393517 Orig																	
393517 Dup																	
393536 Orig	2.09	0.063	0.170	1.98	12	8	145	0.01	< 20	< 1	< 2	< 10	97	< 10	11	4	
393536 Dup	2.07	0.062	0.168	2.37	12	8	147	0.01	< 20	< 1	< 2	< 10	94	< 10	11	3	
393539 Orig																	
393539 Dup																	
393549 Orig																	
393549 Dup																	
393550 Orig	2.68	0.056	0.065	1.31	18	6	119	< 0.01	< 20	< 1	< 2	< 10	56	< 10	4	5	
393550 Dup	2.63	0.056	0.064	1.27	20	6	116	< 0.01	< 20	2	< 2	< 10	56	< 10	4	4	
393559 Orig																	
393559 Dup																	
393561 Orig	0.48	0.036	0.189	2.95	11	5	84	0.03	< 20	< 1	< 2	< 10	64	46	15	4	
393561 Split PREP DUP	0.49	0.036	0.190	2.89	11	5	84	0.03	< 20	4	< 2	< 10	67	43	15	4	
393562 Orig	1.16	0.052	0.167	3.58	9	7	188	< 0.01	< 20	4	< 2	< 10	90	< 10	14	3	
393562 Dup	1.12	0.050	0.162	3.31	9	6	181	< 0.01	< 20	3	< 2	< 10	85	< 10	13	4	
393573 Orig																	
393573 Dup																	
393576 Orig	0.76	0.026	0.079	1.20	11	5	52	0.08	< 20	3	< 2	< 10	36	94	8	20	
393576 Dup	0.78	0.026	0.082	1.26	11	5	54	0.08	< 20	4	< 2	< 10	37	98	8	20	
393583 Orig																	
393583 Dup																	
393592 Orig	1.75	0.080	0.071	0.81	4	8	42	0.21	< 20	3	< 2	< 10	81	< 10	8	19	
393592 Dup	1.75	0.081	0.071	0.81	3	9	42	0.22	< 20	5	< 2	< 10	82	< 10	8	22	
393593 Orig																	
393593 Dup																	
393606 Orig	0.85	0.065	0.140	4.70	5	7	61	0.17	< 20	2	< 2	< 10	79	39	11	22	
393606 Dup	0.85	0.065	0.139	4.29	3	7	56	0.17	< 20	3	7	< 10	78	37	11	22	
393607 Orig																	
393607 Dup																	
393610 Orig	1.06	0.072	0.135	4.53	5	10	26	0.21	< 20	4	< 2	< 10	114	< 10	13	19	
393610 Split PREP DUP	1.01	0.076	0.139	4.58	5	10	26	0.21	< 20	3	< 2	< 10	114	< 10	13	21	
393616 Orig																	

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	0.03
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
393616 Dup																	
393618 Orig	1.47	0.099	0.144	4.60	4	11	33	0.17	< 20	3	2	< 10	127	< 10	10	17	
393618 Dup	1.44	0.096	0.143	4.86	3	11	34	0.16	< 20	5	< 2	< 10	119	< 10	10	16	
393619 Orig	0.52	0.096	0.133	4.24	4	7	54	0.27	< 20	7	< 2	< 10	76	11	11	19	
393619 Dup	0.52	0.096	0.132	4.54	3	7	56	0.28	< 20	6	< 2	< 10	77	12	11	18	
393632 Orig	1.75	0.065	0.131	4.33	4	7	67	0.02	< 20	4	< 2	< 10	87	< 10	9	10	
393632 Dup	1.71	0.062	0.128	3.86	4	6	63	0.02	< 20	6	< 2	< 10	87	< 10	9	10	
393637 Orig																	
393637 Dup																	
393647 Orig																	
393647 Dup																	
393655 Orig	1.96	0.060	0.140	3.65	3	13	95	0.32	< 20	3	< 2	< 10	142	< 10	16	25	
393655 Dup	1.95	0.062	0.140	3.58	4	13	96	0.33	< 20	1	< 2	< 10	142	< 10	16	25	
393657 Orig																	
393657 Dup																	
393659 Orig	3.16	0.105	0.095	2.72	3	8	104	0.34	< 20	6	< 2	< 10	101	< 10	7	25	
393659 Dup	3.17	0.106	0.095	2.84	4	8	106	0.34	< 20	3	< 2	< 10	101	< 10	7	25	
393661 Orig	2.71	0.080	0.112	3.76	5	14	93	0.41	< 20	8	< 2	< 10	148	< 10	12	34	
393661 Split PREP DUP	2.61	0.085	0.110	3.85	5	14	92	0.41	< 20	3	< 2	< 10	149	< 10	12	35	
393666 Orig																	
393666 Dup																	
393668 Orig	1.92	0.051	0.103	5.02	3	12	60	0.20	< 20	5	< 2	< 10	132	< 10	12	23	
393668 Dup	1.92	0.051	0.104	4.75	4	12	57	0.21	< 20	3	< 2	< 10	135	< 10	12	23	
393675 Orig																	
393675 Dup																	
393681 Orig	3.16	0.049	0.077	2.77	5	14	64	0.08	< 20	1	< 2	< 10	115	< 10	10	11	
393681 Dup	3.07	0.046	0.075	2.94	4	13	75	0.08	< 20	< 1	< 2	< 10	110	< 10	10	11	
393685 Orig																	
393685 Dup																	
393693 Orig																	
393693 Dup																	
393695 Orig	3.34	0.065	0.078	3.49	4	15	77	0.22	< 20	1	2	< 10	132	< 10	9	16	
393695 Dup	3.32	0.064	0.076	3.89	4	15	77	0.21	< 20	1	< 2	< 10	131	< 10	9	15	
393701 Orig	1.32	0.070	0.079	3.46	3	5	173	0.31	< 20	6	< 2	< 10	76	< 10	9	14	
393701 Split PREP DUP	1.30	0.085	0.073	3.20	3	5	153	0.30	< 20	6	< 2	< 10	76	< 10	8	13	
Method Blank																	
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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	0.03
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
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	< 0.03
Method Blank																	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.007	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	

THE MINERALOGY OF SAMPLES FROM THE TOWER MOUNTAIN GOLD PROPERTY, SHEBANDOWAN GREENSTONE BELT, NORTHWEST ONTARIO, Part 2.

On behalf of

White Metal Resources Corp.

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Wed 30-Jun-2021

TGSL Project 2021-05P

(vi+94+10 *pages, including 2 tables and glossary, Descr. 3988-4028 and 48 figures)*

Key features of samples are reviewed in the `texture' and `summary' sections of each description.
The details are presented in condensed form: a glossary of terms is appended.

CONTENTS

ABSTRACT

This report provides detailed petrographic descriptions of 41 drill-core samples from the 2021 drill program on the Tower Mountain gold property. A central feature of the property is the Tower Mountain intrusive complex. The project is located some 40 km west of the city of Thunder Bay, Ontario. It lies in the Shebandowan greenstone belt, a westward extension of the Abitibi subprovince of the Superior craton. This work seeks to identify each lithology, and to define the principal features of the mineralogy, alteration and microstructural styles in each sample.

A polished thin section was prepared for each sample, permitting examination of rock-forming and accessory minerals in both transmitted and reflected light. The sawn offcuts of each sample were available for inspection, and for two simple tests, providing response to 10% dilute HCl (presence of calcite / dolomite / ankerite) and relative estimates of magnetic susceptibility. The results are provided in each detailed description. Each description is illustrated with 1-3 photomicrographs. Results are also summarized in two tables. The latter also make reference to descriptions of grab samples from surface, conducted earlier this year (Wilson, 2021).

The suite as described are dominated by a mixture of volcanic and subvolcanic rocks, the precise identities of which are often cryptic due to strong phyllic, calcic and other alteration styles. Some samples are clearly trachyte, andesite, or related volcanic rocks, others are probably subvolcanic minor intrusions of feldspar porphyries and perhaps lamprophyres. A brief examination of Tables 1-2 reveals that over 40% of the suite are various kinds of breccias, whether finely-milled clasts in sparse cement or isolated, more rounded clasts floating in a host rock. In the case of some samples where clasts and matrix are both of similar (e.g., trachytic) aspect, these are possibly autobreccias formed immediately after eruption, upon initial congealing and cracking of the lava surface. Others, especially if enriched in minerals such as tourmaline, are presumed to be hydrothermal breccias formed below surface.

Pervasive phyllic alteration (sericite and/or chlorite) affects the majority of samples, upon which are superposed a range of later styles of alteration, such as patchy development of carbonates and/or silica, local epidote/zoisite, and essentially ubiquitous pyritization. Some of the secondary minerals, such as portions of the quartz, carbonates, pyrite and tourmaline, are in part hosted in late veinlets or breccia cements. Pyrite is the dominant opaque phase, with frequent accessory chalcopyrite and traces of pyrrhotite and other (at best tentatively identified) minerals. Magnetite is locally present, and is the principal carrier of magnetism. Fine-grained hematite is common, and is ascribed the role of colouring agent for some of the reddest rocks with the most-turbid feldspars. A third suite of samples, core with higher gold assays, should enable further resolution of questions of mineralogy and paragenesis in the near future.

Note: This report is designed in modular fashion: the abstract and main text should provide the bulk of the essential information. Detailed sample descriptions can be scanned for increasingly specific levels of data. Within these, the mineral proportions, textural and summary data may be read first, and individual mineral data found as required.

Conversion Table N.B. Most factors are approximate

Unit	*Times*	*Equals*
Length		
1 inch	25.4	mm
1 foot	0.3048	m
1 mile (statute)	1.6093	km
Area		
1 square mile	2.59	km^2
1 acre	0.4047	ha
Mass		
1 ounce (advp)	28.3495	g
1 ounce (troy)	31.1035	g
1 ton (short)	907.18	kg
1 ton (long)	1016.05	kg
Concentration		
1 troy oz/short ton	34.2857	g/t (ppm)
Volume		
1 Imperial gallon	4.54596	l
1 U.S. gallon	3.78541	l

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In appropriate circumstances, the recommended citation format is as follows;

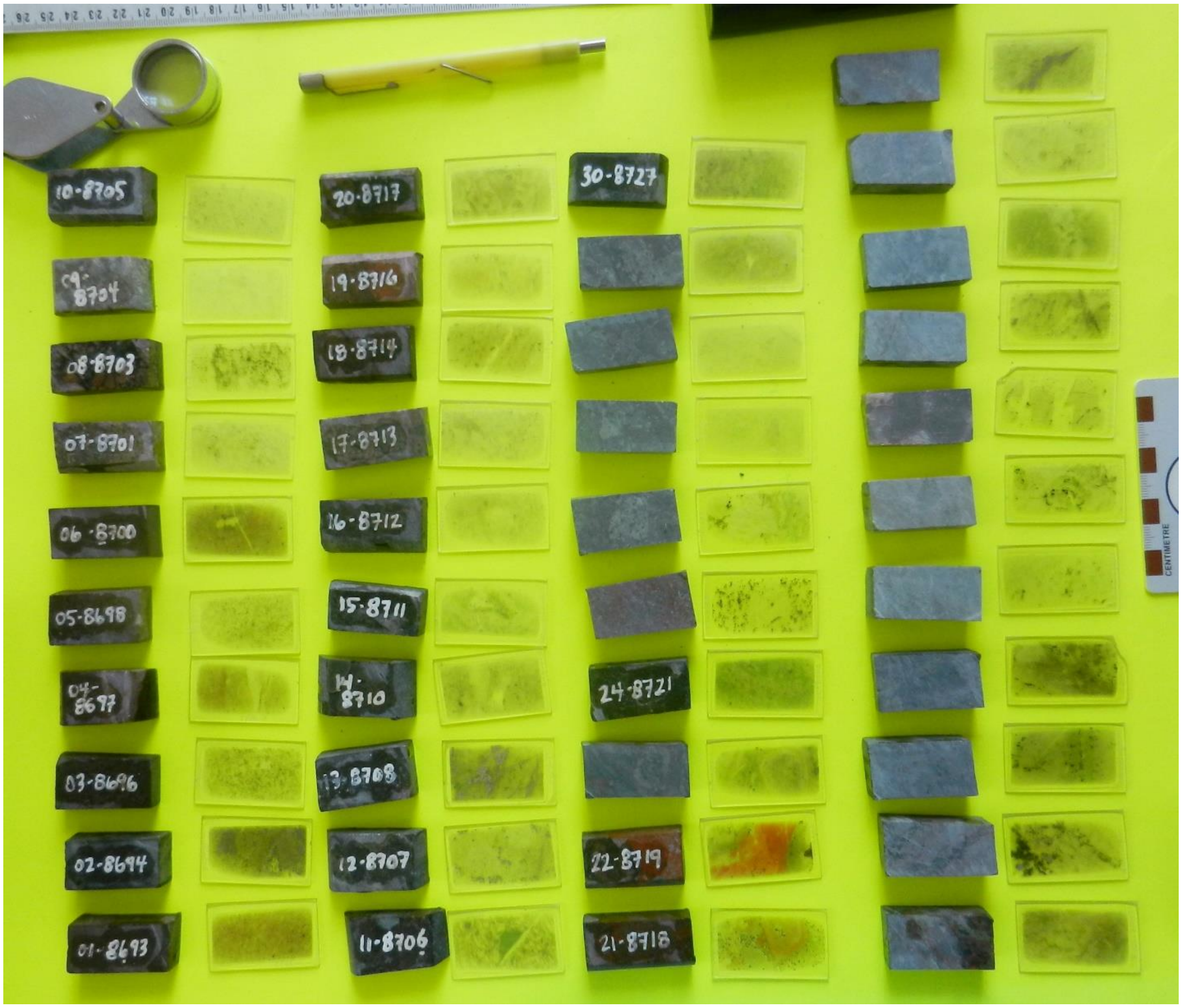
Wilson,GC (2021) The mineralogy of samples from the Tower Mountain gold property, Shebandowan geenstone belt, northwest Ontario, Part 2. TGSL Report 2021-05P, for White Metal Resources Corp., Thunder Bay, vi+94+10 pp., including 2 tables and glossary, 30 June.

Frontispiece

Figure 1. **The suite of specimens** **Tower Mountain-Part 2**

The first 30 prepared offcuts of drill-core samples, plus the corresponding covered thin section for each sample. Taken at an early stage of the project: the offcuts of the first 4 samples to be examined have been turned over.

Figure 2. **The suite of specimens** **Tower Mountain-Part 2**



The full suite of all 41 prepared offcuts of drill-core samples described in this report, plus the corresponding covered thin section for each sample.

=== *Notes* ===

Introduction

This report follows an initial study of 11 covered thin sections of grab samples from various zones of the Tower Mountain property (Wilson, 2021). The rocks, within an alkalic to felsic intrusive complex, are rather unusual in the Archean shield: syenite to monzonite and feldspar porphyry, tourmaline breccia and microporphyritic intermediate volcanic or subvolcanic rocks (of broadly trachyte affinity, it would seem, chemically and – in some cases - texturally). These rocks generally exhibit only weak deformation, though pressure shadows are common, of, e.g., fibrous quartz on pyrite. Alteration is complex and multi-stage, an extended paragenesis including overprints of K-feldspar, sericite, ankerite and calcite, quartz and pyrite, with vein minerals which include quartz, rare albite, ankerite and green tourmaline (schorl), as well as calcite and pyrite.

The bulk of the following report provides an illustrated guide to the mineralogy and textures of 41 samples of drill core from the White Metals drill program in the first half of 2021.

The lithologies

Each sample is described in some detail, with estimated QAP modes and, where possible, estimates of mineral compositions based on optical and other properties.

The **mineralogy** is generally straightforward, with the critical caveat that the grains are sufficiently coarse and fresh to identify! Pyrite is ubiquitous, whereas other minerals are present to variable degree. A few of the smallest and rarest are not properly characterized: one possible occurrence of very fine-grained native gold, an apparent spinel that may not be magnetite, and a third, also opaque phase (UNKnown species). Occurrences of the more abundant species are in present context more significant and often yield specific findings, e.g., the observation that the carbonate associated with epidote-family minerals is clearly calcitic in composition.

In contrast, the naming of each **rock type**, from a roughly 8x2.5-cm offcut slice, is often challenging, even given many observational clues to mineralogy and texture. This is true even with fine drill-core photogarphs supplied by Brett LaPeare. In particular, the groundmass of volcanic / chilled subvolcanic rocks, and the associated very fine-grained alterations, are hard to resolve optically - hence the use of "groundmass" (or “matrix”, and rarely “clasts") as an element of the modal proportions. In addition, brecciation is an important component of numerous samples.

Tentative rock names are summarised in Table 1 and again in Table 2, which provides a breakdown into visual estimates of modal proportions of numerous minerals and mineral families. These tables will be found at the back of the report. In practice, there is a gradation of the fine matrix materials though the feldspars to sericite, and of course the matrix includes fine-grained elements of other minerals like silica, oxides, chlorite and sericite - so these are in their own columns when in discrete patches, veins, or coarse grains, but lumped under "groundmass" where fine-grained and scattered.

The rock names or "assemblage names' (often based on predominant secondary alteration) are clues, but far from satisfactory at present. Thus one may be a trachyte (with nice directive, “trachytic” texture, in some cases – the word has both compositional and textural connotations) with QZ-CHL-PY alteration.

It should be possible to improve on some of the rock terms presented in this initial version of the report, and to come up with basic terms that are more robust. One control would be in the drill logs, which might indicate that some samples are from sharp-edged units such as dykes and sills, whereas others are from larger intrusives or flows. The prevalence of breccia around each sample would also be relevant to the descriptions.

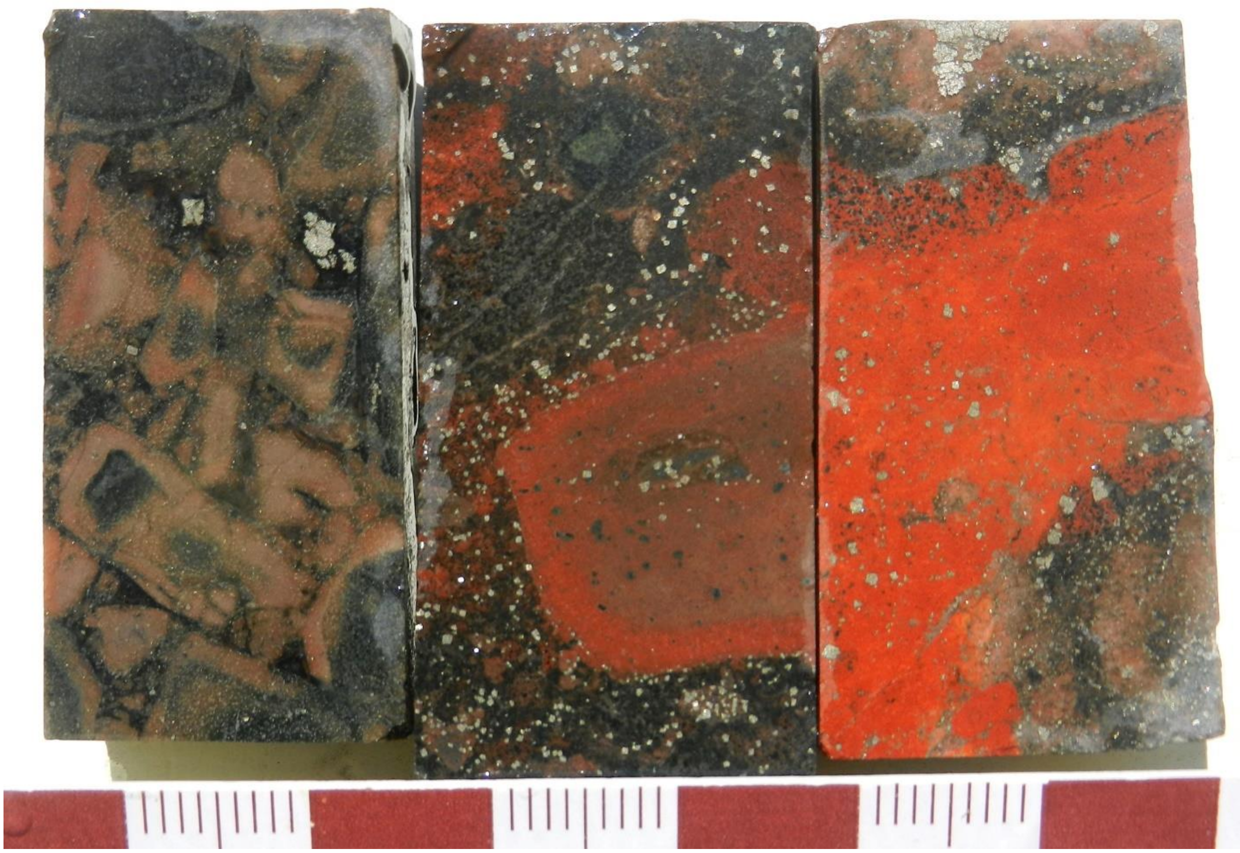


Figure 3. Close-up view of three of the offcuts, which are, left-right, numbers 20, 21, 22 (hole TM21-95, at 142.7, 148.3 and 166.3 metres down-hole). Note the complex textures and reddened, hematized components. These appear to be a suite of autobrecciated * alkaline volcanic rocks, subject to complex alteration. See relevant descriptions for details. The rocks were splashed with water to bring out as much detail as possible.

* Autobrecciation is described in the volcanological literature, in rocks of recent to Archean age, and varying in composition from rhyolite to basalt and komatiite. The common usage is that of flow-top breccia, formed where the first-formed crust of lava becomes broken and mixed into the bulk of the flow. Fragmented lavas may form in large volumes in non-explosive eruptions, and these textures may also form in subvolcanic intrusions and peperites, as well as on the surface of lava domes (McPhie *et al.*, 1993). Thus, many such breccias should be monomict, though admixture of earlier flows (e.g., basalt into rhyolite, Hart and Pace, 2006) may occur.

Physical properties

The only basic tests that were conducted are the assessment of acid reaction (10% HCl) and a measurement of magnetic susceptibility.

HCl reactivity

In the first case, both reactive calcite and a scarcely-reactive carbonate (ankerite?) are reported in each sample, whether as alteration in the host rock or late minerals in veins or pressure shadows (or, perhaps, vugs and tension gashes). In one or two cases an intermediate reaction brings to mind dolomite, but this is not an exact science!

Magnetic susceptibility

The magnetic susceptibility was estimated with an SM-30 model (ZH Instruments). Because the offcuts are small (*circa* 4x2.5x0.5 cm) relative to the 5-cm coil of the meter, the values may not be the most reliable, but they are judged useful as semi-quantitative *relative* measures of magnetic response.

Magnetic susceptibility (uncorrected / absolute values from similar-sized offcuts, in 10^{-3} SI units) was 0.02-0.10 in the first suite of 11 grab samples, except for 1.05 in 1022733, a feldspathic intrusive from the H zone (Wilson, 2021). These are all low values, albeit the one sample was notably higher than the others.

Many samples described from the drill program are similar, for the most part 0.05-0.15, but then magnetite-bearing 8613 (in hole TM21-88) is 12.2, two orders of magnitude more magnetic than most of the other samples, and the unusual apatite, magnetite-rich 8694 (deeper in the same hole) is 30.3, both rocks strongly attracting a pen magnet. Samples 8696 and 8697, 8714 and 8720, 8698 and 8700 are also appreciably oxide-bearing (3.04, 3.52, 4.34, 5.04, 7.66, 9.08). These last six are mildly attractive to a pen magnet, as is 97-135.8 (1.98): none of the other 43 (out of 52) samples are appreciably magnetic in a classic sense, absent sensitive equipment.

Note that by weighing samples and determining their specific gravity, a more absolute, logarithmic estimate of magnetic susceptibility can be derived. This can be done using the offcuts but, were a detailed down-hole geophysical survey required, it might be better to take the primary measurements from larger and ore representative samples, i.e., from the drill core itself. The values given above and in the description of each offcut give a good indication of the expected variability.

Microstructural geology

The samples display variable fracturing and injection of thin (generally <2 mm-wide) veinlets of quartz, carbonates, pyrite, tourmaline, and (rare) albite. A few samples are highly fractured or brecciated. Pressure shadows (mainly of quartz, or carbonate or chlorite) are sparsely developed on pyrite and other hosts. Variable strain is noted in quartz and carbonates, with both granular (unstrained) and cross-fibre microstructures, especially in vein carbonates. Fracturing is common in feldspar phenocrysts.

Alteration and mineralization

Alteration to secondary mineral assemblages (sericite, chlorites, carbonates, quartz and pyrite, tourmaline and epidote) is common, if not ubiquitous. White mica and chlorite are very common in the fine alteration of both groundmass and feldspar phenocrysts. The mica is mostly fine "sericite" (if coarser, it would likely be referred to as muscovite, absent detailed chemical or crystallographic data). In contrast, biotite is uncommon. Plagioclase phenocrysts (microphenocrysts perhaps, if <1 mm in size) are very common, as is K-feldspar. The latter appears to be normal orthoclase, often as aligned tabular crystals, in some cases feathery laths. The variation in crystal habit may reflect the cooling rate of the melts in which the crystals are entrapped. In glassy volcanic rocks, the initial "microlites" often assume fanciful crystal habits, whereas an extended period of crystallization will yield euhedral phenocrysts.

In contrast to the initial study of covered thin sections, it was possible to scan each section of core for opaque "ore" minerals. Pyrite is first amongst these, found in every single section, and visually estimated to average close to 6 volume percent of all 52 samples from the two studies. This would equate to close to 10 wt.% pyrite (and so, ideally, would contribute 4.7 wt.% Fe and 5.3 wt.% S to a typical assay). Clearly, S and CO_2 are major volatiles in the suite, which will also contain OH/H_2O. Chalcopyrite was detected in 17 of the 41 core samples. The Cu sulphide is most often seen as small, rounded inclusions in coarser pyrite, occasionally in company with uncommon traces of pyrrhotite.

Besides ubiquitous pyrite, Fe or Ti oxides were noted in 30 of 41 core samples. Fine-grained (<0.1 mm) euhedral magnetite is the main carrier of magnetism, but rougher, smaller flakes of hematite are very common, down to the micron scale and perhaps beyond. It is hematite that is suspected of being the colouring agent of red feldspathic domains in many samples.

The alteration of the groundmass (originally rich in 1-2 feldspars plus perhaps devitrified glass) commonly sees widespread phyllic (sericite and/or chlorite) alteration. Very fine-grained silica is sometimes present, often in discrete patches, and often fine hematite (usually <50 microns). Later in the paragenesis, but varying from one sample to another, come patchy calcic alteration (a suite of carbonates, and local epidote/zoisite with calcite), pyrite and tourmaline. Carbonate and pyrite are deposited over extended time spans, apparently superposed on the early phyllic alteration.

There are some strange feldspar compositions known to crystal chemists. However, in more mundane materials, when feldspar appears turbid with tiny opaque inclusions (as in gabbros "cooked" by a later phase of magma in the Tertiary Volcanic District of northwest Scotland) this probably reflects the exsolution of very minor Fe content inside the feldspar host, perhaps as minute ilmenite rods. More commonly, minutely disseminated hematite can cause reddening of K-feldspars (Heinrich and Moore, 1970). The hematite flakes may be present on the walls of fluid inclusions in the feldspar host (Lalonde and Martin, 1983).

Geochemistry

Multi-element analyses are available for the 41 core samples. The analytical work was conducted by the Actlabs group. This involved :

- RX1: Crush (< 7 kg) up to 80% passing 2 mm, riffle split (250 g) and pulverize (mild steel) to 95% passing 105 μm included cleaner sand.
- 1A2: Au by Fire Assay with AA finish.
- 1E3: Aqua Regia "Partial" Digestion, multi-element finish by ICP – OES.

"This digestion uses a combination of concentrated hydrochloric and nitric acids to leach sulphides, some oxides and some silicates. Mineral phases which are hardly (if at all) attacked include barite, zircon, monazite, sphene, chromite, gahnite, garnet, ilmenite, rutile and cassiterite. The balance of silicates and oxides are only slightly to moderately attacked, depending on the degree of alteration. Generally, but not always, most base metals and gold are usually dissolved" (from Actlabs 2021 Canadian schedule of fees and services, p.9).

In the author's experience, this mode of preparation and analysis should be adequate for exploration targeting a chalcophile element suite, in this case, pyrite plus base-metal sulphides and native gold ± tellurides. A caveat on uncritical use of assay data includes the partial digestion so well described by the laboratory (see the example of boron, below).

Just 5 samples assayed >500 ppb and up to 1750 ppb Au, though strongly anomalous material (>100 ppb) is common (21 of 41 samples). Again, past experience of a common sampling problem suggests that at <5-10 ppm bulk Au the appearance of native gold visible to conventional microscopy is a matter of chance, while at richer grades the appearance of gold or other host phases increases rapidly in non-refractory ores.

A few additional comments are in order at this stage. Sample 12-8704 returned a value of 464 ppm Cu, and this is consistent with abundant trace chalcopyrite in that section. Common levels of Mn at ~0.1 wt.% (1000 ppm) are plausibly hosted largely in carbonates. As and Sb peak at 44 and 21 ppb respectively, again in sample 12-8704, which has abundant fine-grained pyrite as well as a trace of an unknown phase flagged as (perhaps) the Sb-rich sulphosalt tetrahedrite. This same sample also assays 6.76 wt.% S, much higher than the average of 2.17 wt.% (n=41). This is substantially less than the crude estimate of 5.3 wt.% S made earlier, but perhaps easily explicable if the petrographic suite represent unusual, clearly pyrite-mineralized sections of the parent core.

In the case of boron, the assay numbers following partial digestion are under 50 ppm B, yet some samples are rich in tourmaline, 1-2 vol.% in the case of 3 core samples, and 10-12 vol.% in the case of two others. Resistate phases like tourmaline and zircon are notoriously refractory, and may need prolonged multi-acid attack to achieve near-perfect dissolution. Thus their elements (B, Zr and others) will be under-represented in the assays, and interpretation must be made with caution. Very roughly, given 10 wt.% B_2O_3 in tourmaline, the two tourmaline-rich samples should have ~3 wt.% boron.

Tourmaline is especially refractory, thus perhaps no more than 1% of the B is liberated for analysis. The scale of sampling should also be considered: if perhaps 1-2 kg of core is crushed and homogenized from 50-100 cm of split or sawn core, this is a much larger sample than the offcut and thin section, and the latter may be richer (or poorer) in a given mineral than the bulk assay-lab fraction.

A third phase of petrographic analysis will be undertaken as soon as 16 additional polished thin sections can be prepared. The samples are from holes TM21-94, 95 and 97 (6, 4 and 6 samples respectively). Since these samples are relatively gold-rich, the multi-element assay data, combined with ore mineralogy, will be especially welcome, and this discussion will best be continued at that time.

Discussion and Conclusions

The mineralogy, textures and alteration styles of the suite are now described in considerable detail. In particular, the mineralogy of the relatively lower grade (mostly <0.5 ppm Au) samples is now quite well-constrained. Samples 20-22, from intervals yielding the 3 richest gold assays (588 to 1750 ppb) are all notably brecciated (which is why these are the samples shown in Fig. 3, before the author was aware of the assay data!). It is possible that some lithologies, including plausibly autobrecciated volcanic and subvolcanic rocks, provided extra permeability that channeled ore fluids. As noted on page 2, however, the consistency of the offered terminology for rock types will be refined, and a full tabulation of 68 samples can readily be provided in the follow-up report, which should extend the currently-limited mineralogical, paragenetic, textural and chemical indicators of the presence of gold, which is known to occur in this district and in particular at the Tower Mountain property.

Three short comparative notes on relevant localities in Ontario and beyond

1. A note on the Springpole Lake complex

The Springpole alkalic complex (Barron *et al.*, 1989) is located in the Archean Birch Lake greenstone belt, 110 km northeast of Red Lake. Volcanic rocks occur between two granitoid plutons, at the unconformity between older volcanic rocks and Timiskaming-type sediments, and thus occur in a setting which draws comparisons to alkalic rocks at the major Kirkland Lake gold camp (Carter, 1991). The Springpole Au deposit may be associated with an alkalic breccia pipe (Whyte, 1996) and with a fault-bounded pull-apart basin (Devaney, 1999). Identified lithologies (Barron *et al.*, 1989) include porphyry flows, pyroclastic deposits, proximal vent breccia, agglomerate, lapilli tuff and ash tuff. Some exotic rock types also occur, including fluorite-bearing carbonatite which transgresses fenitized basement volcanics. There are minette-like lamprophyric dykes, sovitic carbonatite, syenite, trachyte and fenite. Early gold exploration in the belt returned samples mineralized with sulphides, fine native Au and tellurides (Harding, 1936, pp.18-19), as well as pyrite, chalcopyrite, galena, and sphalerite.

2. The Coté Gold deposit

Located in the Swayze greenstone belt, the Coté Gold deposit has been described in detail by Katz *et al.* (2017, 2021). In terms of geological setting, the Coté Gold large-tonnage, low-grade intrusion-related Au (-Cu) deposit appears further removed from Tower Mountain than does Springpole Lake. Coté Gold is hosted by the Chester intrusive complex, the host body, a subvolcanic intermediate intrusion of tonalite, diorite and quartz diorite. There are some breccias, calcic amphiboles, and lamprophyre dykes. Despite these (larger and smaller) points of overlap with Tower Mountain and Springpole Lake, Coté Gold is more of a porphyry system, of which a number of examples have been recognized in Archean terranes. The host rocks are decidedly more felsic and less feldspathic than Tower Mountain (Katz *et al.,* 2017). The earliest hydrothermal phase is represented by rare Au -bearing amphibole-rich veins and breccias. The main ore stage has biotite-rich alteration centred on a biotite breccia body. Fracture -controlled muscovite alteration overprints biotite-altered rocks in the core of the deposit. Barren epidote alteration occurs north of the deposit and above the biotite breccia. Texturally-destructive albite alteration is a final phase (Katz *et al.,* 2021).

3. Brief notes on epithermal precious-metal systems

Epithermal Au deposits, as noted around the Pacific “Ring of Fire” and elswhere in the world, are of shallow emplacement, which may explain why the majority of recognized and preserved examples are of Cenozoic ages. Epithermal systems may be high-sulphidation or low-sulphidation styles (as defined by a range of ore minerals, not just pyrite). In some epithermal systems, Au and Ag are deposited as electrum in quartz veins and infill open space around quartz clasts (as at Fire Creek and Goldfield, Nevada), often with multiple stages of electrum deposition in quartz veins (Simmons *et al.*, 2020).

Exploration potential for epithermal targets is thought to be very good in China, for example, in regions where shallow crustal levels are preserved. Minerals in Chinese deposits include calcite, adularia K-feldspar, sericite and quartz, sulphides, sulphosalts and tellurides. Host rocks may include hydrothermal eruption breccia, as at Beijiantan in Hebei province (White *et al.*, 2019).

Epithermal systems, as in Anatolia (western Turkey) may display hot spring activity, siliceous sinters (e.g., chalcedony veins and masses, and jasperoids derived by silicification of diverse protoliths), and high Au and Ag values associated with electrum, sulphosalts such as tetrahedrite, and sulphides (Larson and Erler, 1993). Mineralization in one Turkish example is mostly in the siliceous cement of a "highly silicified breccia to microbreccia of uncertain protolith". Indicator elements that typify epithermal systems include (but are not limited to) Au, Ag, As, Sb, Hg, and Se.

One of the most storied, high-grade examples is a 1981 blind discovery in Japan, the bonanza-grade low-sulphidation epithermal Au deposit at Hishikari (Seto *et al.*, 2020). Low-temperature alteration styles are dominated by chlorite, clay minerals and silica. Electrum is the main ore mineral, plus minor phases: pyrite, chalcopyrite, galena, naumannite (Ag_2Se: also important in the Republic graben of Washington state) and sphalerite. Banded vein ores were precipitated in repeated boiling and fluid flow, forming bladed quartz, columnar adularia, and a zeolite named truscottite. Bladed quartz is most common in the deeper parts of the boiling zone, as at the base of the bonanza zone.

In southeast Ecuador, Fruta del Norte was another rich, blind deposit, a discovery of a late Jurassic epithermal Au Ag deposit with both low-sulphidation and intermediate-sulphidation types (Leary *et al.*, 2020). The ore is noted for visible Au and bonanza grades. The 2006 greenfields discovery was made by following a model that gold-bearing veins would occur in andesitic volcanics below a zone of anomalous As and Sb in silicification in fluvial conglomerate. There are two main vein types, with adularia a minor component in both. An extensive silica sinter overlies the andesitic rocks. Classic epithermal ore textures are seen in the veins, including crustiform / colloform banded quartz. So-called flamboyant quartz (*ibid.*, pp.441-442) shows dramatic irregular extinction, and crystals that cut the colloform banding, interpreted as the formation of quartz from amorphous precursor silica.

One of the best examples in which alkaline rocks and epithermal systems are linked is the famed Cripple Creek district in Colorado. The ores are associated with alkaline igneous rocks in an 18 km^2 diatreme complex, dated at 36-28 Ma. Gold is found in high-grade veins, bulk-tonnage ores, and hydrothermal breccia. The dominant rock in the complex is a heterolithic breccia (airfall tuff and breccias and volcaniclastic sediments). There are 3 main ore types (Kelley *et al.*, 2020, p.364): a) hypogene gold associated with auriferous pyrite, b) high-grade Au telluride veins, and c) hydrothermal breccias. Most of the Au is found as Au tellurides in veins, which are mostly <5 cm thick and often <1 cm thick, but which occur as sheeted vein structures that may be 1-2 m thick. The ores are notable for containing fluorite, the V -bearing green mica roscoelite, and the Au tellurides.

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PETROGRAPHIC DESCRIPTIONS

Tower Mountain gold project, northwest Ontario

Descriptions of drill core, nos. 3988-4028
May-June 2021

A note on microscopy. The Turnstone mineralogy laboratory is equipped with a Zeiss transmitted / reflected-light petrographic microscope and a Chinese trinocular stereo microscope. Each is fitted with a Jenoptik digital camera (a CCD Routine C3 on a Firewire-A link, and a CMOS CT3 on a USB-2 cable, respectively), attached to a dual-core Pentium PC running on Windows 10 (OS updated January 2021). Standard practice with photomicrography is to take composite (multi-focus) images, each assembled from the in-focus pixels of 5-7 images stitched together with ProgRes 2.10.0.1 software, and then saved as high-resolution JPG files. Single images are captured at somewhat lower resolution, and saved in JPG format.

The Chinese trinocular stereomicroscope offers zoom magnifications from 6.2X to 50X, and long-axis field of view of each photograph of 20 down to 2.5 mm. The Zeiss (West Germany) petrographic microscope provides magnifications of 50X to 500X, with photographic fields of view from 1.68 mm down to 0.18 mm. Images from each microscope, with the latest software, can be saved in BMP (8 bits/channel), TIFF (8 or 16 bits/channel) or JPG (high, medium or low resolution) formats. The earlier software default, the 8-channel BMP file, is generally 8.1-9.4 MB in size. The high-quality (2080x1542) JPG format size is roughly 1.9-2.8 MB per photo.

See Glossary for explanation of terms and abbreviations in the descriptions.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 01-8693: TM21-88-016.3 m
Description ; 3988
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details; DDH (PTS, 8.3 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr brick-red rock with scattered, 2-mm grey feld prisms in a cryptic vfgr red matrix. 1 offcut. Appreciably magnetic: estimated mag-sus $12.2x10^{-3}$ SI units (principal opaque mineral is fgr, equant mag rather than py => attracts pen magnet). Widespread rapid eff in dil HCl.

Major Minerals;
* Very fine-grained groundmass- A mixture of fgr material, both reddened (hematized) K-feldspar as well as pale grn chloritic (qv) pseudomorphs after a ferromagnesian mineral. Apparently a mixture of the minerals described below: two feld, chl and carb, and accessory magnetite with traces of apatite and pyrite. 52%.
* Plagioclase feldspar + alteration products- Tabular, albite-twinned phenocrysts, in some cases almost replaced by dense sericitic mica alteration. Prominent mm-scale phenocrysts in fgr matrix. 20%.
* Chlorite (after pyroxene and biotite)- Mostly pale grn flakes, in part penninite, in inferred chl-carb-mag pseudomorphs of tabular pyroxene (?) phenocrysts. Also pale green partial replacements of biotite flakes, developed along moca cleavage planes. 15%.
* Carbonate- Calcite, as anh secondary carb grains throughout matrix. Also with mag and chl in presumed pseudomorphs after px. A few clear grains to 400x250 µm, unstrained, with symm ext on rhombohedral cleavage traces. 5%.
* Biotite- Brown pleo mica, probably biotite rather than phlogopite. Subh flakes to 800x400 µm, often subh, as if a primary phase. May enclose mag and be part-chloritized. 5%.

Minor and Accessory Minerals (3%);
* Magnetite- Innumerable, widespread, fgr Fe oxide grains. Equant, opaque, brownish-grey in RL, isot. Max gs 1.3x0.7 mm, but generally <300 µm. 3%.
* Apatite- Colourless, high relief, LS, str ext, as subh columnar prisms of common phosphate, max gs 150x50 µm, 200x100 µm. Tr.
* Pyrite- Small euh grains in matrix, up to 20 µm in dia. Rare Tr.

Texture; A strongly altered porphyry, with many 1-2-mm phenocrysts of plagioclase feldspar (part-sericitized) and inferred clinopyroxene (now replaced by pseudomorphs of chlorite plus carbonate and lesser magnetite). Biotite is often in well-formed flakes, and may have been a late, third, finer-grained phenocryst phase.

The groundmass is very fine-grained and sericitized, grain size much smaller than plagioclase. Thought to be rich in reddened K-feldspar which contains trails of low-reflectance oxide grains <10 µm in size. At 500X magnification, tiny oxide inclusions <1 µm wide are glimpsed in pink feldspathic areas.

Summary; A reddened porphyry with relict plagioclase, pyroxene (?) and biotite phenocrysts in fine-grained groundmass. The latter appears to contain some reddened K-feldspar, so the rock may be a relatively alkalic minor intrusion, perhaps lamprophyre rather than diabase. The rock is magnetic, containing appreciable magnetite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 17, 2021

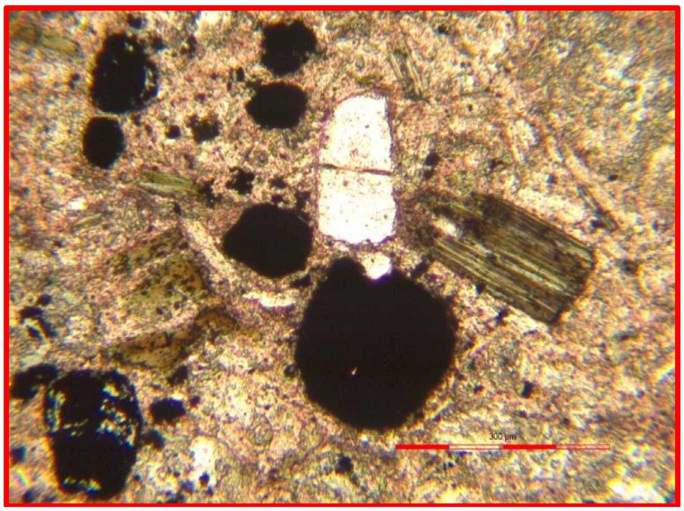


Figure 4. Apatite (clear prism), partially-chloritized biotite (brown and green) and magnetite (opaque) in fine-grained groundmass. Photomicrograph in PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 02-8694: TM21-88-109.2 m**	**Description ; 3989** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.0 cm^2).

Format ; PTS - 29 µm - by K.Tavener, Lakehead University
Hand specimen data ; A dark brown, granular, fgr rock with cm-scale clasts. 1 offcut. Estimated mag-sus $30.3x10^{-3}$ SI units (strongly magnetic to pen magnet, unlike majority of suite). Rapid eff in dil HCl, esp in large purplish clast at one end of offcut. Abundant fgr magnetite is visible.

Major Minerals;
* Fine groundmass- The groundmass (the bulk rock, and surround to coarse components in the two clasts) is granular calcitic carb plus lesser chl and ser. This lithology is further studded with fgr mag and ragged bi flakes. 74%.
* Apatite- Elongate subh-eud prisms, well-terminated, LF, str ext, colourless, high relief and 1st-o grey int colour. Max gs 2.2x0.6 mm. Coarse in one clast, and as finer, somewhat rounded grains in the other. May be enclosed by amph. Basal fractures infilled by late granular carb. 8%.
* Orthoamphibole- Heavily altered (oxidized) amphibole is a phenocryst phase, with inclusions of ap and esp of mag. Traces of amph basal cleavage seen. The prism faces show str ext, so not a common clinoamphibole. The fgr oxidation tends to obscure primary optical features. 6%.
* Biotite mica- Strongly pleo brn mica flakes, LS, str ext, max gs at least 800x100 µm (edge of PTS shows a 1000x750 µm end of a large phenocryst, basal cleavage invaded by carb). Mostly very ragged, corroded. 6%.
* Magnetite- Brownish-grey equant crystals of opaque oxide. May be relatively cgr or fgr, as seen in apatite. Some areas are filled with 5-20 µm magnetites, while rounded grains to 900x900 µm occur in the coarser clast, sometimes around ap. 6%.

Minor and Accessory Minerals (Tr.);
* Pyrite- Anh, pale yl sulphide, esp in granular carb-rch groundmass. Max gs at least 80x50 µm. Tr.
* Hematite- Small rounded grains in cores of coarser, darker mag host. Aniso, bl-white, paler and distinct from predominant oxide host. Tr.

Texture; Very unusual rock with coarse clasts enriched in orthoamphibole and abundant rounded magnetite and subhedral-euhedral apatite. The hand specimen is very magnetic due to the abundant oxide. Oxide and apatite, and to some extent biotite, show very variable grain size. The rock and its clasts show appreciable late calcitic alteration and corrosion / oxidation of earlier magmatic phases such as amphibole and biotite.

Summary; A breccia with carbonatized fine-grained matrix enveloping oxide and phosphate -rich clasts, which display both coarse and fine-grained variants. The source of these apatite-magnetite clasts and the nature of this polymict breccia are currently unknown.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 29, 2021

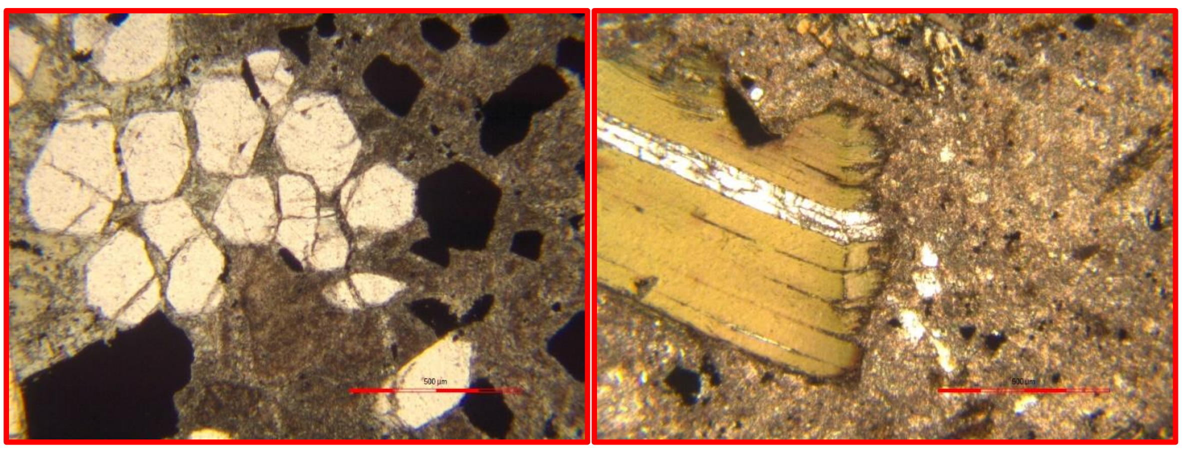


Figure 5. Left: Area of clast with relatively fine-grained apatite and magnetite in fine-grained matrix. Right: A large biotite flake (phenocryst), penetrated along basal cleavage plane by granular late secondary carbonate. Photomicrographs in PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 03-8696: TM21-88-171.3 m** **Description ; 3990**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details; DDH (PTS, 8.4 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; Medium-brn rock with many 1-3-mm tabular crystals of pale feld. 1 offcut. Centre shows a white to pink (?) vug with some crystalline pyrite. Estimated mag-sus 3.04×10^{-3} SI units, moderate effect on pen magnet. Rapid eff in dil HCl, mostly in (?) vug and some scattered grains.

Major Minerals;
* K-feldspar + alteration products- Patchy perthitic exsolution identifies many of the stubby feld crystals as a K-feldspar. Max gs 3.2x1.2, 2.0x1.0 mm. Kaol and ser alteration. May be simple-twinned. 60%.
* Plagioclase feldspar + alteration products- Variable kaol and ser alteration, esp in cores of prisms. Max gs 3.3x1.0 mm. Traces of simple and (rare) albite twin laws. 15%.
* Chlorite- Grn pleo chl flakes, quite fgr, max gs at least 100x40 µm. LS flakes, str ext, assoc with abundant fgr Fe oxide. A trace appears to be pseudomorphous after earlier ferromagnesian mineral, probably an amphibole. 10%.
* Carbonate- Coarse unstrained calcite infills what seems to be a vug, max gs 1.7x1.3 mm, symm ext on rhombohedral cleavage planes, extreme bir. 6%.
* Quartz- Small, clear granules and prisms, max gs 300x80 µm, a secondary silica, often with calcite. 5%.

Minor and Accessory Minerals (4%);
* Hematite- Pale bluish-grey,aniso secondary Fe oxide in partial replacement of mag. 3%.
* Magnetite- Small, brownish-grey, isot cores of complex, anh, fgr masses of Fe oxides, rimmed by secondary hem. 1%.
* Pyrite- Localised sulphide (coarse py in vug [offcut] not in plane of PTS). Pale yl grains in or between altered feld laths. Subh grains to 150x150 µm, but mostly in the range 15-40 µm, somewhat coarser as irregular aggregates. Tr.

Texture; The K-feldspar: plagioclase ratio is imprecise because of the alteration and paucity of definitive features such as the albite twin law. The feldspars lend a strong trachytic, directive texture to the rock, since the long axes of the crystals are commonly subparallel.
In the matrix material, chlorite often surrounds the oxides, and may exhibit patchy ironstaining, a sign of early corrosion of the oxides (apparently early magnetite, now extensively altered to hematite).

Summary; A coarse trachyte, with a small white-to-pink vug infilled mainly by calcite. Interstitial to the crowded feldspar laths is a matrix of fine-grained chlorite, quartz and calcite, and abundant fine-grained Fe oxides (hematite > magnetite).

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 30, 2021

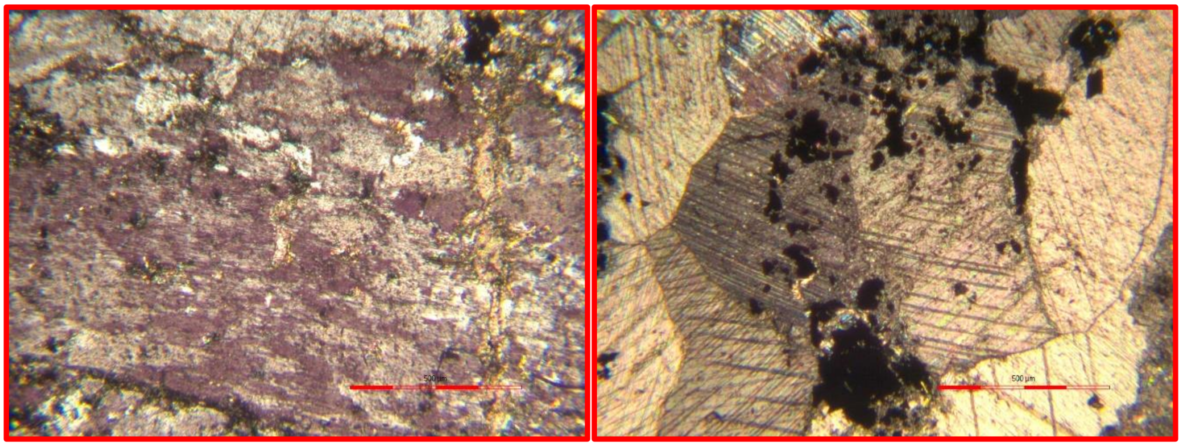


Figure 6. Left: Perthitic K-feldspar lath cut by fracture lined by fine-grained calcite. Traces of sericite and hematite, as in the oxide-speckled matrix towards top of view. Right: Coarse twinned calcite crystals infill the vug. Opaques are hematite with magnetite and a trace of pyrite. Photomicrographs in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample	**; 04-8697: TM21-89-050.4 m**	**Description ; 3991 TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.5 cm^2).

Format ; PTS - 25 µm - by K.Tavener, Lakehead University
Hand specimen data ; Bright red speckled rock, cut by white vein with black selvages. 1 offcut. Estimated mag-sus 3.52×10^{-3} SI units, local moderate attraction to pen magnet. Rapid eff in dil HCl on calcite in the wide vein, thin veinlets and disseminated granular carb.

Major Minerals;
* K-feldspar in matrix- Much of the rock is fgr tabular feld, a K-feld with ser-carb-ox alteration comprising the groundmass. Coarser hematite is abundant, and vfgr oxide is taken to explain the bright red body colour of the rock. 45%.
* Plagioclase feldspar- Generally coarser than K-feld, though also found <1 mm in size, like the more abundant matrix feld. Minor kaol and ser alteration. Traces of albite twinning are common. Max gs 2.8x0.6 mm, 1.6x1.0 mm. 17%.
* Chlorite- Pale grn flakes, very low 1st-o bir, slightly pleo. Found disseminated in matrix, and more thickly along selvages of the main calcite vein. 10%.
* Sericite- Some relatively coarse flakes of white mica (sericite / muscovite), max gs at least 1100x400 µm, often with exsolved hematite along basal cleavage. The coarser flakes may be slightly crenulated. 8%.
* Vein carbonate- Generally colourless, extreme bir, granular and anh. The largest rounded, equant calcite grain is 500 µm in dia. 7%.
* Disseminated calcite- Anh, fgr, disseminated through groundmass of rock. 5%.
* Hematite- Elongate, lamellar, bl-grey to near-white in RL, found through rock, vein selvages, and in cores of larger mica flakes. 5%.

Minor and Accessory Minerals (3%);
* Magnetite- Equant brn-grey mag occurs more irregularly through the groundmass, in clusters of equant grains up to 150 µm in dia. May occur also along hairline carb veinlets. 2%.
* Quartz- Found in the coarser calcite vein, may form prisms, up to 800x80 µm, str ext, LS. Clear and apparently unstrained. 1%.
* Pyrite- A trace of small euhedral and subhedral grains, 50x35 to 200x150 µm. Tr.

Texture; A trachytic, fine-grained fabric, with scattered coarser plagioclase phenocrysts in groundmass of two feldspars. Substantial alteration, with hematization in groundmass and the micas (which are quite coarse and may be of late magmatic origin - perhaps biotite, now sericite and hematite?). The main calcite vein is quite deformed, lacking euhedral carbonate rhombs typical of late veins.

Summary; Hematized trachyte with strong calcite- chlorite- sericite- hematite alteration. The vein is calcite with minor quartz, limned by selvages of chlorite and hematite. Magnetic property is from accessory magnetite in the groundmass, more localized and less abundant than hematite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 31, 2021

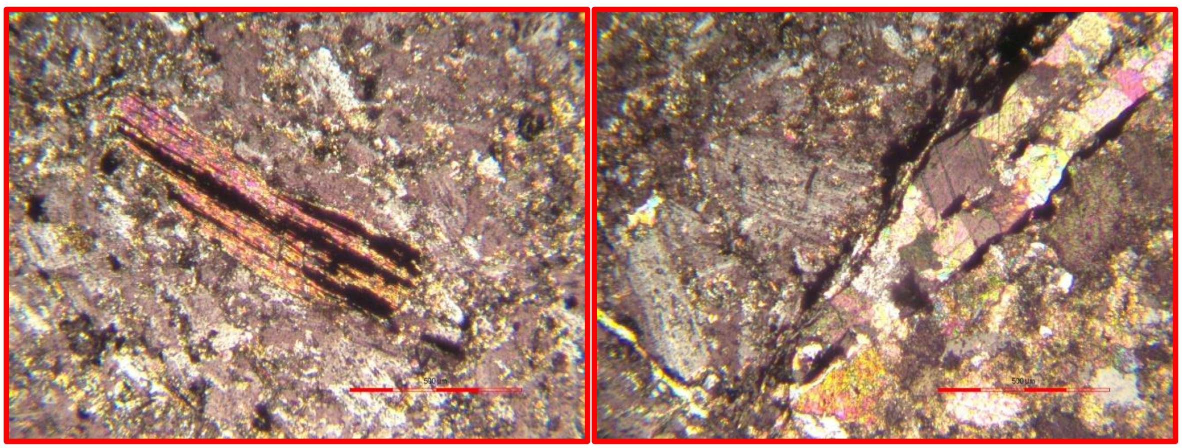


Figure 7. Left: A ragged white mica (sericite/muscovite) flake with Fe oxide (hematite) exsolved along basal cleavage planes, in fine-grained matrix of feldspars, sericite and carbonate. Right: Feldspathic matrix on right, cut by a calcite vein with margins outlined by black selvage of chlorite plus hematite. Photomicrographs in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 05-8698: TM21-89-100.0 m Description ; 3992
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.8 cm^2).

Format ; PTS - 29 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr rock with creamy tabular feld. 1 offcut. The most notable feature is an (?) alteration front that sharply divides a dark green pyritic domain from pal pink, magnetite-bearing rock. Estimated mag-sus $7.66x10^{-3}$ SI units, attracts pen megnet. Rapid eff in dil HCl on cal veinlet.

Major Minerals;
* K-feldspar + alteration products- Blocky crystals with extensive ser and kaol alteration (little calcite, cf. plag, as the latter is a more calcic precursor). Feldspars (K-feld and plag) are close-packed, with chl and Fe oxides along the grain boundaries. 60%.
* Plagioclase feldspar- Albite-twinned tabular crystals with extensive carb-kaol-ser alteration. 24%.
* Chlorite- Pale grn, most abundant in the pyritic area, which is dark green in HS. However, also assoc with mag in the pale area. 5%.

Minor and Accessory Minerals (11%);
* Pyrite- Many small py grains, subrounded to irregular. Max gs circa 300x200 µm. 3%.
* Magnetite- Brn in RL, rounded isot grains, max gs 550x500 µm. Moderately altered to pale hem. 3%.
* Hematite- Patches and elongated lamellae, pale bl-grey hem hosted by and formed from precursor mag. 1%.
* Vein calcite- A thin veinlet cuts through both light and dark ''lithologies' or ''facies' of the sample. Thin, irregular yet persistent. Mostly <0.5 mm thick in plane of PTS. Granular, fgr, subh vein carb. 1%.
* Disseminated carbonate- Not evidently reactive to dil HCl, so possibly ankeritic (?). A fgr, anh granular carb. 1%.
* Quartz- Small granules interstitial to feldspars, RI>K-feld, and in the thin calcite veinlet. 1%.
* Biotite- Mostly altered to chl, present in the pyritic area. Fresh mica shows typical light to dark brn pleo. LS, str ext. 1%.
* Apatite- Colourless, LF, str ext, high relief, may be somewhat turbid, max gs 350x150 µm. Tr.
* Chalcopyrite- Round blebs in coarser py, yl hue, to 12x10 µm. Rare Tr.
* Pyrrhotite- Like chalc, pyrr occurs as rounded, aniso, pinkish-clove blebs in py, to 10x8 µm. Rare Tr.

Texture; The offcut and section are divided circa 60:40 between a pale pinkish rock with Fe oxides and a dark lithology with pyrite. There is a trace of pyrite in the pale "facies", and a little oxide in the dark "facies". A thin calcite veinlet cuts both lithologies at a small angle to the colour-defined interface, which is an apparent alteration front, quite sharp (no more than 1-2 mm in width). The pink rock is presumed reddened by hematization of K-feldspar, with the dark rock is plausibly the same rock, affected by significant pyritic and chloritic overprint.

Summary; Hematized trachyte with late pyrite-chlorite overprint (hence the alteration boundary and colour contrast in the sample). The plagioclase is more tabular in habit than K-feldspar, but the proportions of the two are hard to estimate due to advanced sericitization.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 1, 2021

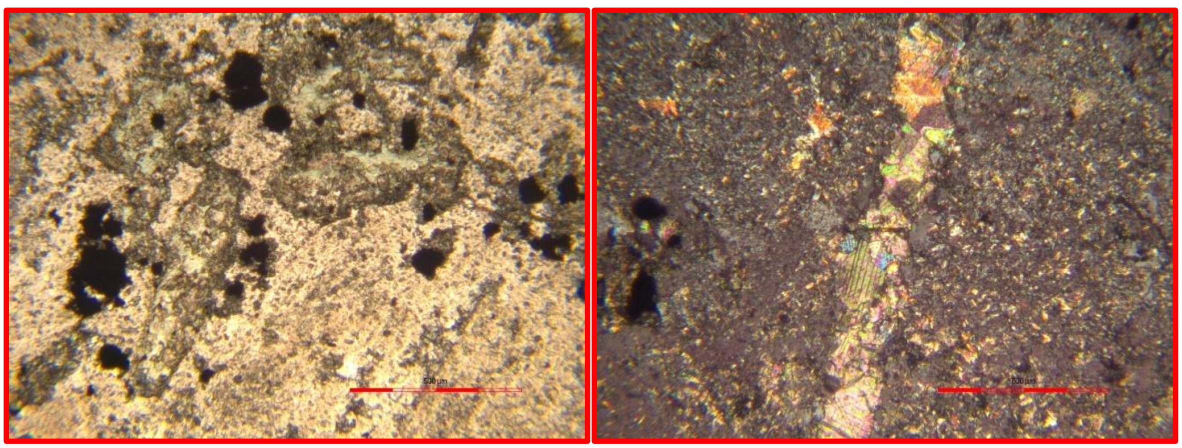


Figure 8. Left: Chloritic alteration of presumed amphibole prisms, in groundmass of sericitized feldspars, with carbonate and Fe oxides. Right: A calcite veinlet cuts through sericitized feldspars with traces of Fe oxides. Photomicrographs (left: PPL-TL – right: XPTL) both at 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample	**; 06-8700: TM21-89-106.8 m**	**Description ; 3993** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.8 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr red rock with minor dark patches, all cut by late, brittle, white carb veinlet. 1 offcut. Estimated mag-sus 9.08×10^{-3} SI units, attracts pen magnet. Rapid eff in dil HCl across sample, and esp on thin veinlet. Trace of pyrite.

Major Minerals;
* K-feldspar-rich groundmass- The fgr matrix of the rock appears to be dominated by K-feld and secondary sericitic mica. Fine-grained plumose to irregular grains of K-feld (low relief, low 1st-o bir) are spangled with micaceous alteration. The matrix is scattered with vfgr disseminated oxide, carb and chl. 70%.
* Chlorite- This includes evident pseudomorphs after primary silicates, notably amph, preserved as 6-sided basal sections. Pale grn, often showing anomalous deep-bl, low-1st-o int colour (penninite). 12%.
* Plagioclase feldspar- Phenocrysts and microphenocrysts, max gs at least 1.8x0.5 mm, with heavy sericitic and minor calcitic alteration. 6%.
* Disseminated carbonate- Locally fairly coarse, as on margin of the pale trachyte clast, here with max gs 1000x400 µm, showing rhombohedral cleavage traces. 5%.

Minor and Accessory Minerals (7%);
* Magnetite- Brn oxide, often extensively hematized. Max gs at least 350x250 µm. Py may occur close to mag, but no evidence of pyritization of mag. 2%.
* Hematite- Pale oxide may rim or extensively replace mag. 2%.
* Pyrite- Subh grains with innumerable gangue inclusions, and rare trace of hem, max gs 500x400 µm. 2%.
* Vein carbonate- Thin (<1 mm) calcite veinlet cuts both host rock and plag phenocrysts, gs<500 µm. 1%.
* Apatite- The colourless phosphate occurs as subh prisms, sometimes turbid with a pale purplish-grey hue, due to tiny inclusions (?). LF, str ext, high relief, max gs 650x150 µm. Tr.
* Chalcopyrite- Yl sulphide, as small grains to 25x20 µm, in altered plag. Rare Tr.

Texture; The pale spot near the centre of the section is a curious rounded mm-scale inclusion of trachyte which is, inexplicably, not darkened like the host rock. This inclusion has associated marginal calcite and pyrite, both in relatively coarse development, but is largely plumose K-feldspar, grain size <300 µm. The reddened K-feldspar of the host rock is associated with hematite grains 50 µm and larger, but is itself stained red: if by hematite inclusions, then these must be minute, <2 µm.

Summary; Feldspathic igneous rock, evidently a strongly sericitized, oxide-bearing trachyte. The rock shows chloritization of ferromagnesian minerals and partial hematization (but not pyritization) of magnetite. Trace apatite is present. Additional alteration includes minor calcite and pyrite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 2, 2021

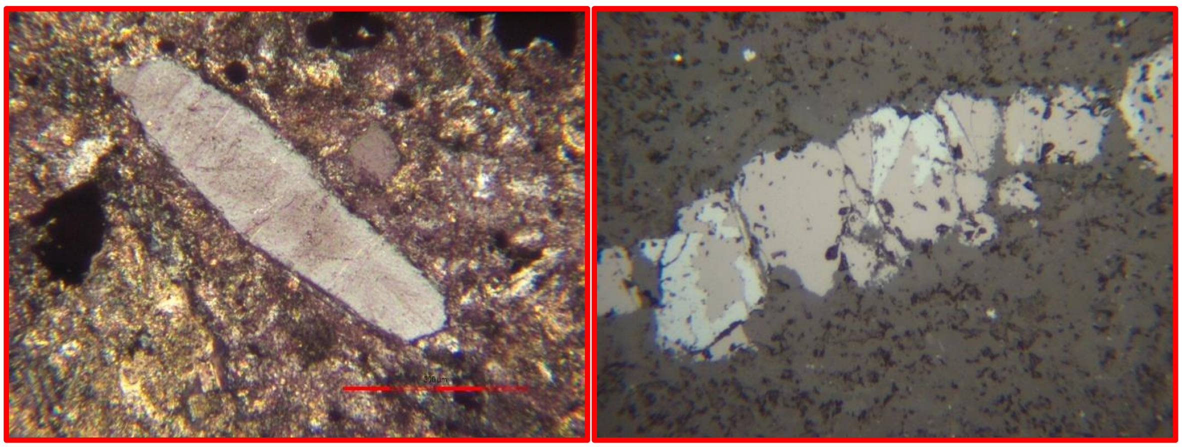


Figure 9. Left: Relatively large apatite prism, somewhat turbid appearance in matrix of altered feldspars with opaque Fe oxides (magnetite, hematite) and trace chalcopyrite. Photomicrograph in XP-TL, 100X nominal magnification, long-axis FOV 0.9 mm. Right: Magnetite (brown) and secondary hematite (pale bluish-grey) in proximal groundmass dominated by chlorite and sericite. Photomicrograph in PPL-RL, 200X nominal magnification, long-axis FOV 0.45 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 07-8701: TM21-90-382.6 m**	**Description ; 3994** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.0 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; A felsic porphyry with 2 feldspars plus minor quartz, speckled with irregular black relict ferromagnesian phenocrysts (hb?). 0.486 ppm Au. 1 offcut. Volcanic or hypabyssal intrusive rock (?). Estimated mag-sus 0.051×10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* Fine-grained groundmass- The vfgr matrix appears to consist largely of feldspars with qz, sericite, perhaps traces of biotite, granular (poorly-crystallized) Fe-Ti oxide or oxyhydroxide, and (qv) patchy vfgr tour. 65%.
* Plagioclase feldspar- Albite- and simple-twinned plag, max gs 2.6x1.3, 1.8x1.8, 1.6x1.1 mm. Moderate to patchy stronger sericitic alteration, but quite fresh and easily recognizable. 20%.
* K-feldspar- Quite fresh K-feld with perthitic exsolution traces, unstrained, may be simple-twinned, moderate ser and kaol alteration, max gs 3.2x1.2 mm. 6%.
* Altered ferromagnesian phenocrysts- Dark, fgr pseudomorphs after a presumed Fe-Mn phenocryst phase such as hb or other amph. Secondary oxide (hematite?) may follow prismatic cleavage traces. Granular carb also an important component. 5%.

Minor and Accessory Minerals (4%);
* Quartz- Less well-formed qz was found than was expected from the appearance of the offcut. The coarsest anh qz is counted here, but there is more in the cryptic matrix. 3%.
* Tourmaline- Irregularly distributed in matrix, where it may form haloes around the subh-euh feld phenocrysts. Dark grn to pale brn pleo, LF, str ext, small irregular stubby prisms of schorl. Max gs 50x30 µm. 1%.
* Carbonate- Colourless, fgr, anh, twinkles on rotation. Ankeritic carb (?). In matrix and in the pseudomorphs after ferromagnesian phenocrysts. Tr.
* Pyrite- A few subh grains, pale yl and high refl, max gs 90x90 to 50x30 µm, armoured as inclusions in plag and K-feld. Rare Tr.
* Zircon (?)- Colourless to very pale brn pleo, very high relief, 2nd-o bl int colour, LS, str ext, max gs 130x60 µm. Stubby prisms in matrix. Bir low for zir but may be partially metamict due to U,Th content (?). Or another mineral. Rare Tr.

Texture; A porphyry with abundant plagioclase and K-feldspar phenocrysts, clearly delineated in a very fine-grained matrix. Circa 26 vol.% feldspars are accompanied by 5% of a ferromagnesian phenocryst (quite likely crystallized as hornblende, but now appears totally altered to granular dark pseudomorphs). These dark relicts are smaller andmore ragged than the typical feldspar phenocryst.

Summary; The modal proportions of the coarsest phases (QAP circa 10-21-69), excluding the cryptic matrix, is consistent with an andesite (intrusive: quartz monzodiorite). A strongly feldsparphyric andesite is consistent with available data (but: feldspar porphyry if known to be a minor intrusive body).

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 18, 2021

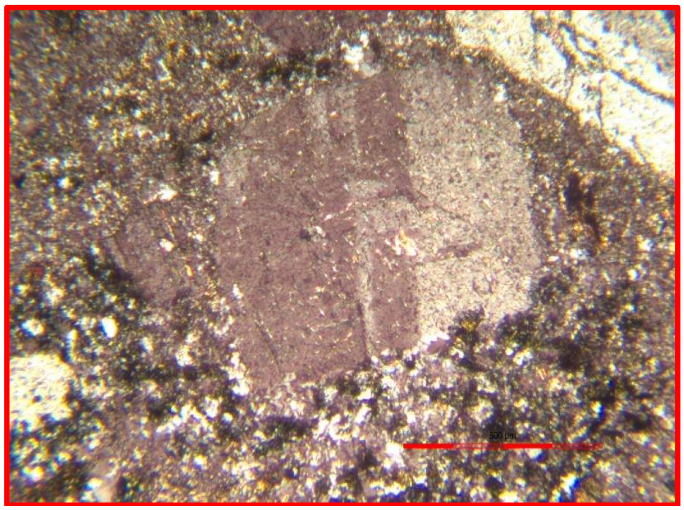


Figure 10. Plagioclase phenocryst in very fine-grained matrix, which is speckled with fine dark spots, each a small (generally <50 μm) stubby prism of dark green tourmaline, an irregularly- distributed alteration of the matrix to the feldspars. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 08-8703: TM21-91-101.1 m**	**Description ; 3995** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details; DDH (PTS, 8.3 cm^2).

Format ; PTS - 28 μm - by K.Tavener, Lakehead University
Hand specimen data ; Striking breccia with angular, mm-scale pink clasts of felsic-alkalic intrusive rock, cemented by black matrix of (?) tour-qz-(py). 1 offcut. Estimated mag-sus $0.149x10^{-3}$ SI units. No eff in dil HCl.

Major Minerals;
* Quartz- The breccia cement is largely fgr qz, gs 20-100 μm, as masses of anh grains. Clearly hydrothermal, with tour, carb and trace py, not magmatic like the altered feld in the clasts. 50%.
* Feldspathic clasts- Sericitized coarse feld predominates in the pink clasts. Despite the apparent coarse gs, there is little trace of either twinning or exsolution. Suspected to be K-feldspar, coloured by minor (sub-)microscopic Fe oxide exsolution (hematization). 25%.
* Tourmaline- Dark grn to pale yl-brn pleo, max absorption normal to polarizer, high relief, body colour tending to mask int colours. Mostly small, stubby prisms, though habit may tend to aicular when enclosed in coarse carb, or forming radiating nests of prisms. Few grains exceed 200x30 μm. Schorl. 12%.
* Carbonate- Ankeritic composition (?). Colourless, slight strain common, max gs 1.5x1.0 mm. Disseminated grains, mostly anh, variable gs, mostly in cement, also in minor late veinlets cutting tourmalinization. 7%.
* Sericite- A vfgr colourless mica, flakes in both qz-rich cement and feldspathic clasts. 5%.

Minor and Accessory Minerals (1%);
* Pyrite- Often euh in section (cubic, dodecahedral), max gs 700x650 μm, the larger grains with tiny gangue inclusions. Found in cement or in margins of the feldspathic clasts. 1%.
* Fe-Ti oxides- Anh grains, near-opaque, pale grey in RL, maybe mostly rutile, max gs 30x25 μm. Tr.
* Chalcopyrite- Yl sulphide as small grains to 30x25 μm in matrix. Rare Tr.

Texture; A striking breccia with mm-scale reddened (pink) felsic or alkalic clasts in a black cement. The pink clasts may be due to micron-scale hematization of K-feldspar, though this is not as pronounced as in some of the other samples. The clasts are strongly sericitized, with scattered nests of microscopic schorl prisms. The ankeritic carbonate includes a few unstrained grains, symmetrical extinction on cleavage traces. Mostly somewhat strained: outer zones of carbonate may enclose minor tourmaline. Late hairline carbonate (+/-quartz) veinlets cut the abundant patches of tourmalinization in the cement, yet elsewhere, aggregates of tourmaline may overgrow the coarser carbonate grains.

Summary; A brecciated "syenite" with quartz-tourmaline-(ankerite-pyrite) cement, mm-scale pale pink clasts in black matrix.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 19, 2021

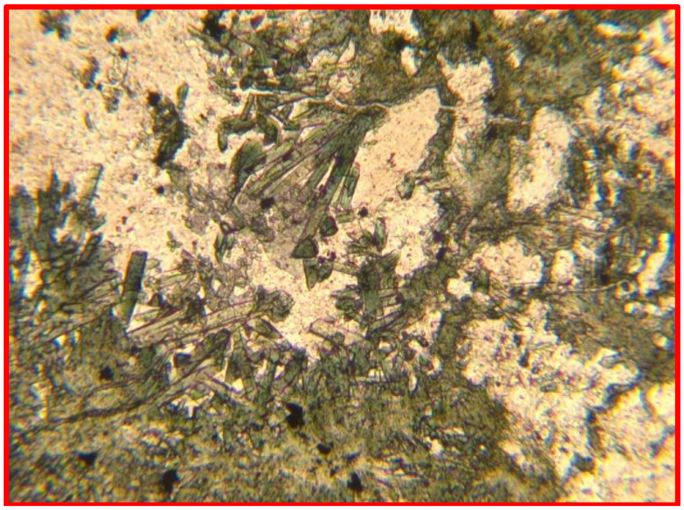


Figure 11. Pleochroic green tourmaline (iron-rich variety, schorl) as abundant small prisms in the fine-grained cement of the breccia, composed mainly of quartz and tourmaline plus lesser (?) ankeritic carbonate and trace Fe-Ti oxides. Photomicrograph in PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 09-8704: TM21-92-074.1 m** **Description ; 3996**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.4 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data; Pale grey rock, apparently a finely-milled breccia with white feld in a vfgr grey groundmass, containing traces of fgr py. 1 offcut. Estimated mag-sus 0.052×10^{-3} SI units. No eff in dil HCl.

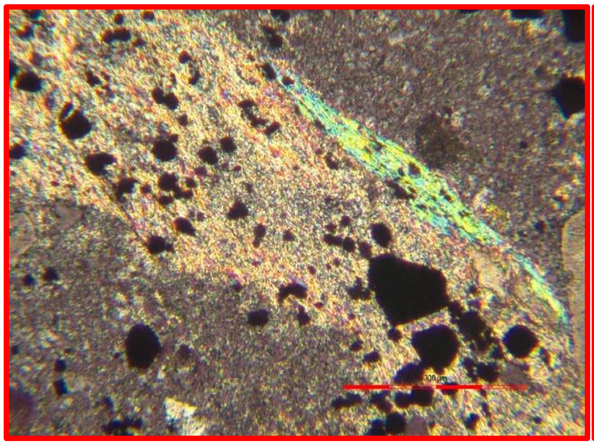
Major Minerals;
* Fine-grained groundmass- The matrix of the coarser components appears microgranular, but the gs is ≤5 µm. Largely feldspars and sericite, maybe a little qz (?). 56%.
* Plagioclase feldspar- Variably, in some cases strongly sericitized phenocrysts, max gs 3.5x2.5 mm. Simple, albite and pericline twinlaws. M-L MEA 16 degrees (range 13-16, 6 determinations) => An_6 (albite) or An_{34} (andesine), cannot tell in absence of relative sense of refractive index. Patchy kaol-ser-carb alteration. Squat tabular crystals, often with rounded margins. 16%.
* Sericitic mica- Erratic distribution of secondary white mica in groundmass (more consistent in feldspar). Colourless, LS, str ext, a few examples coarse enough to show 2nd-o bl int colour, max gs at least 600x200 µm. 15%.
* Pyrite- The sulphide is much more abundant than is apparent in HS, in large measure because it is mostly fgr, gs 10-150 µm. Found in matrix, not the feld crystals. Equant, may be rounded, but often subh-euh. 6%.

Minor and Accessory Minerals (7%);
* K-feldspar (?)- Untwinned, kaolinized, mostly small (<1 mm) grains, may be K-feld not plag. 4%.
* Disseminated carbonate- Presumed ankeritic composition. Brownish to colourless granules, twinkle on rotation. 2%.
* Vein carbonate- Presumed ankeritic composition (may not be identical to disseminated grains). Quite coarse, in vein near 1 end of PTS. Subh, few cleavage traces, unstrained, max gs 1.4x0.8 mm in vein 1.5 mm thick in plane of section. 1%.
* Opaque UNK (?)- Medium-grey, seems isot in RL, quite opaque. Max gs 160x140 µm, may appear euh, as if replacement of py (assoc w py, but no partial replacements verified). PH slightly <py. Too dark for hem, not mag (and rock not magnetic). This opaque UNKnown phase is evidently a cubic ore mineral, if not uraninite then perhaps the Cu Sb sulphosalt tetrahedrite (?). Isotropic, opaque and medium-grey, it shows no twinning, zonation, inclusions or internal reflections. The largest, trapezohedral section has slightly embayed margins against the fine-grained groundmass. Tr.

Texture; A breccia with feldspars the only coarse component, in a very fine-grained groundmass containing abundant pyrite and an abundant trace of a second opaque mineral, possibly uraninite. The groundmass is rich in sericite and contains abundant fine-grained pyrite and minor carbonate (ankerite?). The groundmass is uniformly very fine-grained (0.005 mm) and seems to lack coarser quartz, tourmaline or other indicators of typical hydrothermal breccias.

Summary; Based on the above observations, this may be a rapidly-chilled volcanic breccia (or chilled margin of a minor intrusive, but this would be evident in core).

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 20, 2021



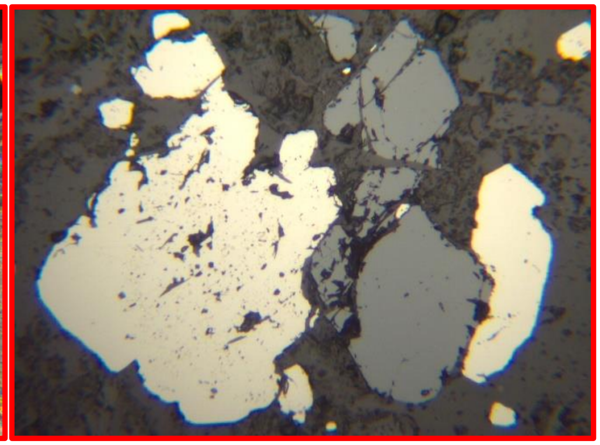


Figure 12. Left: A swathe of relatively coarse muscovite / sericite mica with abundant opaque grains (mainly pyrite, and trace of a second phase, perhaps uraninite) cutting across fine-grained groundmass domains. Photomicrograph in XP-TL, 100X nominal magnification, long-axis FOV 0.9 mm. Right: Another example of pyrite and the trace opaque mineral (uraninite?) in close proximity to one another. Photomicrograph in PPL-TL, 200X nominal magnification, long-axis FOV 0.45 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 10-8705: TM21-92-100.6 m** **Description ; 3997**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.0 cm^2).

Format ; PTS - 29 μm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr, pale grey, holocrystalline (?) hypabyssal felsic-intermediate rock. 1 offcut. Abundant fgr disseminated py. Estimated mag-sus 0.066×10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* Sericitic groundmass- The bulk of the rock is rich is vfgr white mica, 1st-o yl int colour (due to small flake size), presumed to be formed in alteration of feldspathic host rock. 58%.
* Plagioclase feldspar- Tabular microphenoc rysts showing both alite and simple twin laws, subject to some kaol-ser-carb alteration. Much of the plag is relatively fresh, so M-L MEA 16° (range 12-16, n=6, RI>qz) => An_{34} (sodic andesine). 12%.
* K-feldspar- Plumose fgr K-feld crystals, low relief and bir, preserved in small patches in the heavily sericitized groundmass. 10%.
* Carbonate- Granular secondary carb, also small euh rhombs. Presumed ankeritic composition, die to lack of acid response in offcut. 7%.
* Chlorite- Mostly fgr flakes in groundmass, LF, str ext. Grey-grn anomalous 1st-o int colour. Variety ripidolite. 6%.
* Pyrite- The fgr sulphide often has thin mica coats or qz pressure shadows, but only as small-scale developments. Some masses are very complex in outline, appearing corroded in sericitic matrix. Max gs usually 400x350 μm. 6%.

Minor and Accessory Minerals (1%);
* Quartz- A few corroded microphenocrysts to 1100x500 μm. Also small pressure shadows on py. 1%.
* Apatite- Colourless stubby prisms, LF, str ext, low 1st-o bir, tabular to ovoid in section, max gs 220x100 μm. Tr.
* Chalcopyrite- Rounded inclusions of yl sulphide in py, max gs 15x10 μm. Rare Tr.

Texture; A strongly altered holocrystalline (?) hypabyssal rock of (?) originally trachytic bulk composition. The pyrite is often equant, subhedral and in some cases cracked or embayed, suggestive of partial resorption during later sericitization.

Summary; Highly sericitized dyke or sill (?), trachytic overall composition, with extensive chlorite- pyrite- ankerite- sericite alteration.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 4, 2021

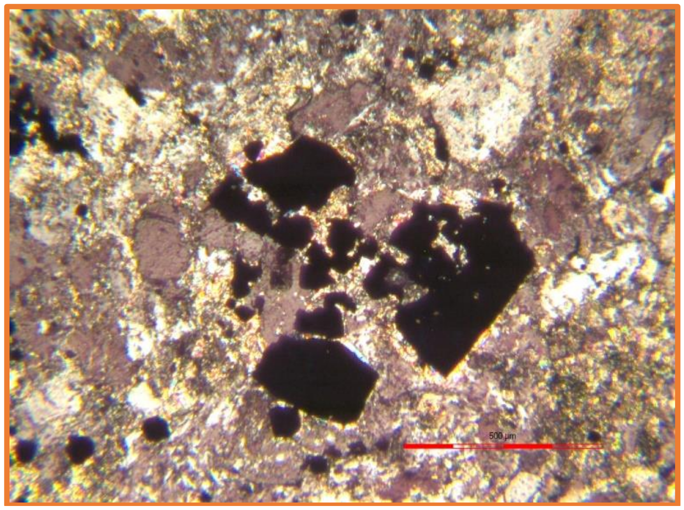


Figure 13. Fractured pyrite grains partially invaded and enveloped by sericite (“mica beards”), in altered feldspathic groundmass with (top right) larger plagioclase laths. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 11-8706: TM21-92-162.7 m Description ; 3998
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.6 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; Striking porphyry. 1 offcut. Coarse, pale, tabular feld phenocrysts are aligned within a dull reddish, fgr matrix. Estimated mag-sus $0.061x10^{-3}$ SI units. Rapid eff in dil HCl in both disseminated and veinlet carb

Major Minerals;
* Plagioclase feldspar phenocrysts- Mostly plag, often albite-twinned, but some examples are too heavily altered to be sure: habit is consistently tabular-elongate. Max gs 4.7x1.0 mm, strong to intense sericitization. 40%.
* Trachytic K-feldspar groundmass- A fgr matrix, apparently wispy K-feld crystals. Low relief and bir, the constituent tabular to feathery prisms generally no more than 100 µm in length. Contains traces of other phases (plag, qz, carb). Surrounds the plag and amph phenocrysts. 30%.
* Chloritized amphibole phenocrysts- A few are euh six-sided basal sections, confirming amph (hb?). Now pseudomorphs of chl and assoc phases. 15%.
* Chlorite- A prominent angular mm-scale mass in centre of PTS is largely coarse, slightly pleo grn chl flakes, strong body colour and low bir (penninite?), with traces of carb and oxides but not py. Stubby flakes, LS, str ext. 5%.
* Secondary carbonate- Granular calcite, can be clear and well-crystallized, in matrix. 5%.

Minor and Accessory Minerals (5%);
* Vein carbonate- Fgr and granular calcite. 4%.
* Pyrite- Angular, mostly in matrix between plag phenocrysts. Generally fgr, ragged, anh, max gs 300x150 um. 1%.
* Quartz- Angular, slightly strained, in matrix, max gs 300x250 µm. Tr.

Texture; Very interesting rock, a porphyry with closely-spaced, matrix- supported, tabular / elongate feldspar phenocrysts and lesser dark, chloritic phenocrysts, now apparently pseudomorphs after a primary amphibole such as hornblende (some display euhedral, six-sided basal sections). Two angular, dark green masses in the section, roughly 10 mm and 2 mm in maximum dimension, appear to be chloritized clasts, quite possibly from the wallrock to this porphyry, presuming it was emplaced as a dyke or sill, with sufficient force (and rapid cooling) to preserve a dynamic flow texture.
Summary; A striking crowded porphyry with tabular feldspars (mostly or entirely plagioclase) aligned en echelon in a dark matrix, which also contains abundant chloritic

pseudomorphs after amphibole phenocrysts. Angular patches are largely coarse, felted masses of chlorite with traces of carbonate and Fe-Ti oxides.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 20/24, 2021

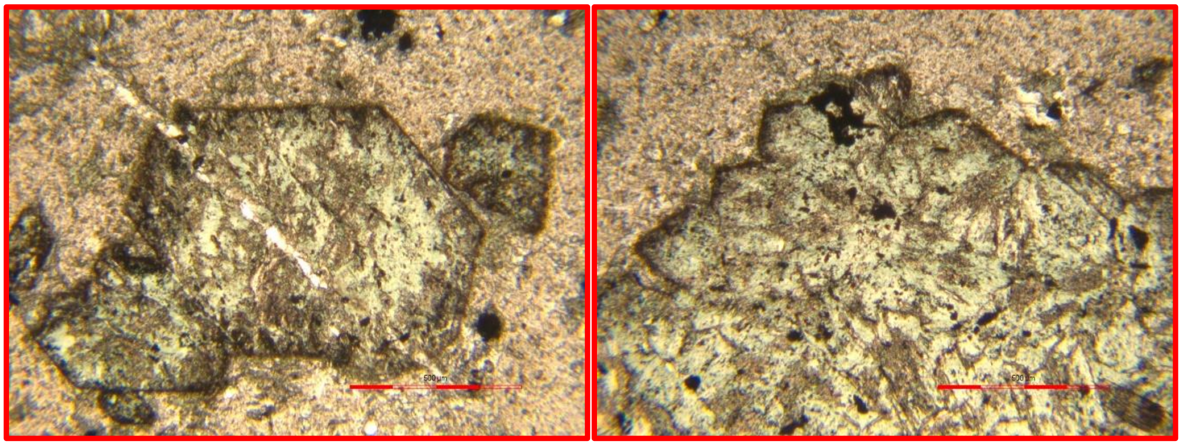


Figure 14. Left: Chloritic pseudomorph of amphibole prism, preserving hexagonal cross-section of the original late-magmatic “hornblende” (?) in the trachytic, fine-grained groundmass. Right: Detail of the edge of the *circa* 10-mm angular mass of chlorite, with fine-grained, anhedral Fe-Ti oxide grains, in fine trachytic groundmass beyond, which also contains traces of quartz, carbonate and plagioclase feldspar. Photomicrographs in PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 12-8707: TM21-93-010.4 m** **Description ; 3999**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 9.0 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; A breccia, the offcut displaying 2 *circa* 1-cm rounded vfgr pale clasts in a darker grey vfgr groundmass. Abundant mgr py, mostly in the groundmass to the clasts. Estimated mag-sus 0.051×10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* K-feldspar-rich groundmass- Directive feldspar fabric with subparallel K-feld crystals up to circa 200x20 µm. The K-feld is somewhat irregular or feathery in outline, cf. the cleaner, tabular habit of minor plag. 48%.
* Granular groundmass carbonate- Coarser than the carb in the rounded clasts, but also presumed to be of ankeritic composition. 20%.
* Pale carbonate clasts- The pale clasts are largely fgr granular carb, plus accessory qz, ap, py and ser. presumed ankeritic composition. 15%.
* Pyrite- Equant py crystals, as subh grains, max gs 1.4x1.2 mm. Some grains are solid sulphide, while others, of similar subh habit, are absolutely crammed with anh gangue inclusions. 9%.

Minor and Accessory Minerals (8%);
* Chlorite- Very pale grn flakes, at least in part LF ripidolite. 3%.
* Sericite- Found in part plating py crystals, but also as pale grn coarser flakes within granular matrix carb, showing bright higher-order int colours. 2%.
* Plagioclase feldspar- Small tabular albite-twinned laths in the trachytic groundmass. 1%.
* Quartz- Small grains and modest fibrous pressure shadows on py. 1%.
* Apatite- Relatively coarse prisms to 1200x300 µm, high relief and low bir, LF, str ext. 1%.
* Chalcopyrite- Small blebs in py, also coarser anh grains of yl sulphide attached to solid py, to 180x100 µm. Also coarser chalc in groundmass, max gs 1000x700 µm (with subh py and anh sphal). Tr.
* Sphalerite- Dark grey inclusions or attached grains upon cgr chalc, opaque, max gs 80x40 µm. Rare Tr.

Texture; Trachyte with crowded subparallel feathery K-feldspar crystals in highly carbonatized and pyritized groundmass. The rounded, fine-grained ankeritic clasts are presumably the product of intense alteration of a (?) sedimentary precursor, altered on cooling at the same time as the host rock (?). The texture is not that typical of an infilled vug, a possible alternative explanation.

Summary; A trachyte breccia with fine-grained, carbonatized clasts in carbonatized, pyrite-rich host rock which displays directive feldspar fabric.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 6, 2021

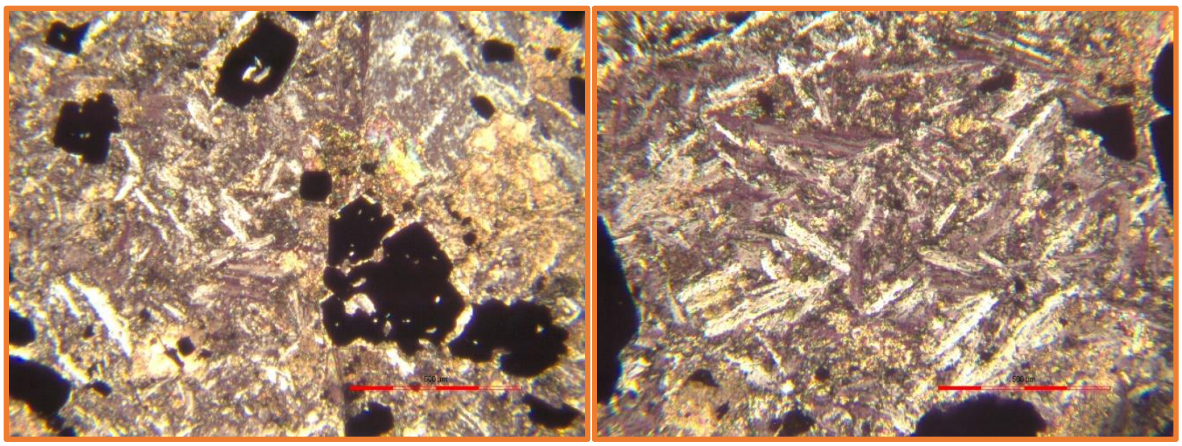


Figure 15. Left: Trachytic groundmass, irregular pyrite, granular carbonate. Right: trachytic groundmass, fabric defined by K-feldspar crystals, between pyrite grains. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

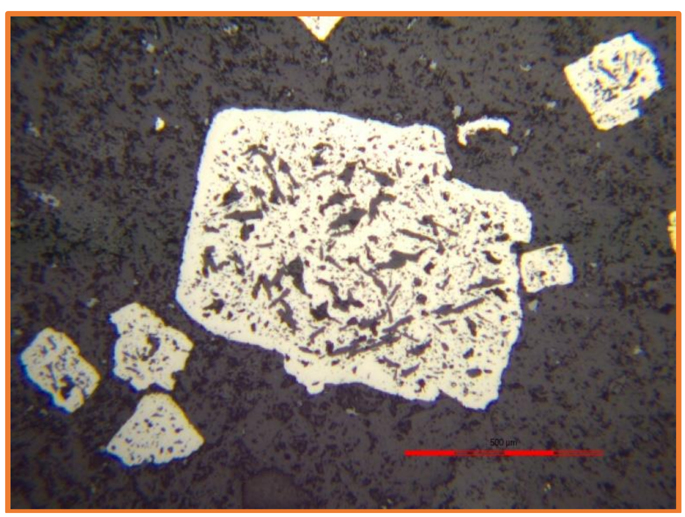


Figure 16. Large example of a gangue-filled pyrite crystal. Photomicrograph in PPL-RL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 13-8708: TM21-93-243.3 m** **Description ; 4000**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.1 cm^2).

Format ; PTS - 30 μm - by K.Tavener, Lakehead University
Hand specimen data ; Brecciated grey to pale pink rock with abundant, angular fracture-related, comminuted py. 1 offcut. Estimated mag-sus $0.079x10^{-3}$ SI units. Rapid eff in dil HCl on thin fractures and central mass of fractured py and cal.

Major Minerals;
* K-feldspar rich fine-grained matrix- Cryptic matrix is turbid and vfgr, without well-formed plumose K-feld seen in other samples: possible too rapidly cooled. Speckled with vfgr Fe oxides (qv), which is consistent with hematization and pink colour in offcut, as well as with smaller amph prisms, chl and py. 58%.
* Amphibole- Actinolite. Pale grn slightly pleo amph with moderately incl ext. A few stubby grains may well be pseudomorphs after original opx, but there are also masses of fgr ragged laths. The latter are decussate masses of 50-200 μm ragged prisms, but there are also coarse prisms up to >5.5 mm in max dimension, e.g., 3.8x2.7 mm. 20%.
* Pyrite- Generally highly fractured, whether in coarser masses or following fracture planes. May contain inclusions of carb or other gangue. Angular, anh. In part enveloped by coarser calcite. Individual fragments to at least 1.3x1.0 mm. Veinlets may be lined by fractured coarser py, or be mosaics of fgr py. 10%.
* Chlorite- Ripidolite. Pale grn pleo, LF, str ext. Ragged, bent flakes, may exceed 500 μm in length. 5%.
* Carbonate- Calcite, judging from HCl reaction. A few unstrained coarser crystals with rhombohedral cleavage traces, enclosing coarse fracgmented py, max gs 2.4x2.0 mm. Also minor granular alteration in the cgr amph. 5%.

Minor and Accessory Minerals (2%);
* Fe oxides- Mostly vfgr, irregular, poorly-crystallized (?) hematite scattered through matrix, opaque, medium grey in RL, max gs 25 μm. 2%.
* Quartz- Some fgr clear qz occurs with carb in the fractured py mass, max gs 200x150 μm, also as small pressure shadows on py faces. Tr.

Texture; A very fine-grained volcanic or hypabyssal rock, a breccia of hematized "trachyte" hosting debris of inferred altered pyroxenite, and with strong late overprint of calcite and pyrite on earlier actinolite.

Summary; The presence of both coarse and fine-grained amphibole prisms is curious, within a very fine-grained matrix. Breccia of hematized trachyte matrix with uralitized (actinolite) pyroxenite fragments (?), with strong late pyrite-calcite alteration.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 7, 2021

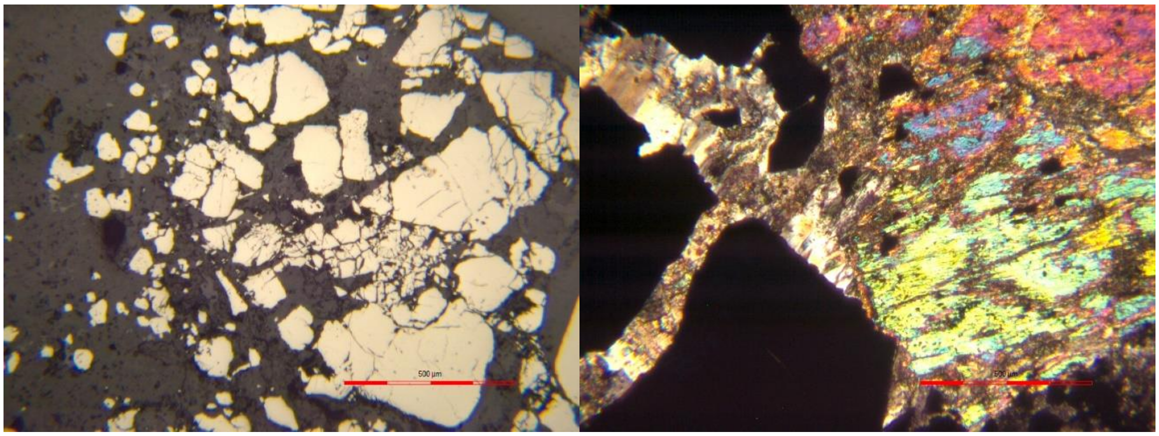


Figure 17. Left: Fragmented pyrite, variable grain size, with fine-grained feldspathic matrix on one side, contrasted with the interior of the sulphide mass, which displays granular quartz and carbonate. Photomicrograph in PPL-RL, 50X nominal magnification, long-axis FOV 1.7 mm. Right: Part of a coarse amphibole prism, bright interference colours, adjacent to pyrite mantled by quartz pressure shadow. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 14-8710: TM21-93-143.7 m** **Description ; 4001**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.8 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr, speckled greenish rock with a white to salmon-hued angular clast or inclusion. 1 offcut. Fgr py throughout and on edge of clast. Estimated mag-sus 0.120×10^{-3} SI units. Rapid eff in dil HCl on scattered small calcitic grains, including in or on the clast.

Major Minerals;
* Trachytic matrix- The groundmass is vfgr, with tiny K-feld laths to 80x20 µm, in variably directive texture, and patchy alteration (ser- chl- carb- py- trem). 78%.
* Pyrite- Larger examples are irregular and/or broken with numerous gangue inclusions. Max gs 1.4x0.7 mm. Found throughout the groundmass and on the edge of the siltstone clast. 7%.
* Carbonate- Colourless disseminated calcite, extreme bir, mostly fgr and granular with some coarser grains in the siltstone clast. 5%.
* Plagioclase laths- Tabular phenocrysts, max gs 1.8x0.8 mm, generally smaller (but still much larger than the K-feld in the groundmass), highly sericitized. 5%.

Minor and Accessory Minerals (5%);
* Fine-grained quartz "siltstone" clast- Unusual object,angular, mm-scale, pale (white to pink) in HS, composed largely of granular, equant qz, gs mostly 10-40 µm, max 80 µm. Sharp margins. Mostly fgr qz, plus some coarser carb, with tour and py on margins. 2%.
* Tourmaline- Elongate prisms of deep grn-pale yl-brn pleo schorl, very high relief, concentrated into distinct "nests", sometimes with assoc qz and py. 2%.
* Tremolite- Found in groundmass as sheaves of ragged prisms, moderately high relief against feld and sheet silicates, moderately incl ext, LSm pleo from pale grn to colourless, max absorption parallel to polarizer, *cf.* tour. 1%.
* Native gold (?)- Tiny pale yl angular grains in one subh, 250x200 µm py grain in centre of PTS, max dia 10 µm (triangular grain). PH<py. Chalc is more usually rounded blebs – most plausibly a pale (probably silver-bearing) native gold. Rare Tr.

Texture; Trachyte with sparse plagioclase phenocrysts. The angular white-to-salmon mm-scale inclusion is largely very fine-grained (<0.1 mm) silica, with calcite overprint, and concentration of tourmaline and pyrite on margin. A siltstone clast (?), as it shows no sign of inward growth infilling a vuggy cavity.

Summary; An altered pyritic trachyte with unusual silica (siltstone) clast, the host rock with sparse plagioclase phenocrysts and microphenocrysts. There is appreciable alteration of phenocrysts and matrix to sericite, chlorite, calcite, pyrite, tremolite and tourmaline.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 25, 2021

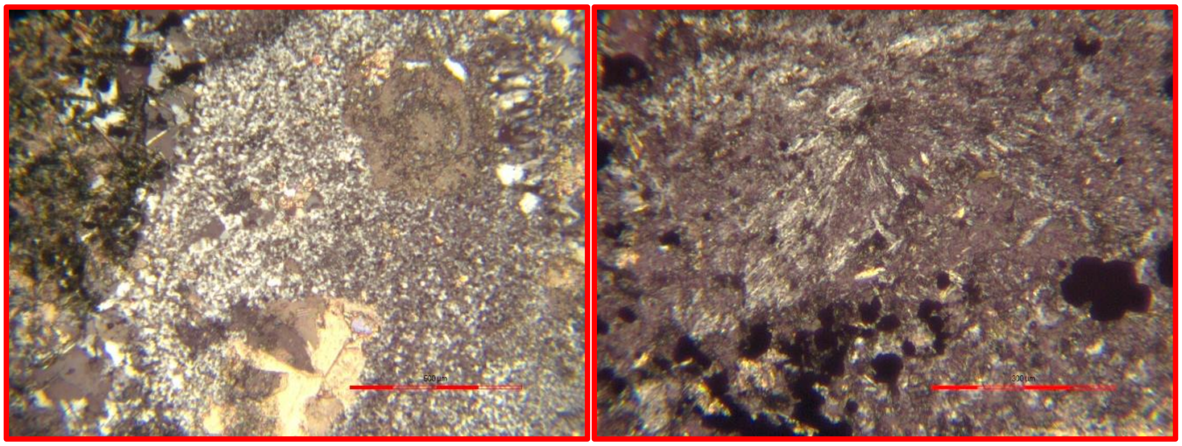


Figure 18. Left: Detail of the pale “siltstone clast” and its margin. At left is a nest of dark tourmaline prisms with quartz and pyrite, and the bulk of the view shows part of the clast with fine granular silica and two overprinting grains of calcite. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm. Right: The fine trachytic groundmass, showing fine platy K-feldspar with subordinate chlorite, pyrite and calcite. Photomicrograph in XP-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

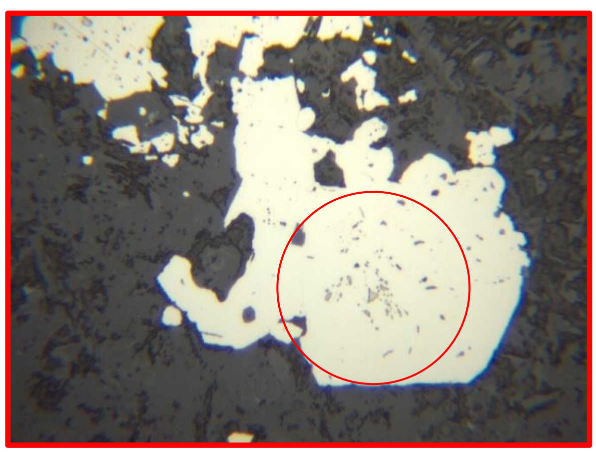


Figure 19. Tiny yellow grains, suspected to be native gold, in equant pyrite grain in matrix rich in zoisite with minor quartz. Largest, triangular gold grain (10 µm wide), lies in the centre of the circle. The Au assay is low, so the default identification would be chalcopyrite. Photomicrograph, PPL-RL, 200X nominal magnification, long-axis FOV 0.45 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 15-8711: TM21-94-013.9 m**	**Description ; 4002** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.2 cm^2)

Format ; PTS - 27 µm - by K.Tavener, Lakehead University
Hand specimen data ; Pale grn mottled rock. 1 offcut. There is a prominent cm-scale, elongate sinuous inclusion / clast of white qz and carb, black chl and abundant fgr py (the main locus of py in the rock). Estimated mag-sus $0.066x10^{-3}$ SI units. Widespread rapid eff by calcitic carb in dil HCl.

Major Minerals;
* Chlorite- Distinctly grn sheet silicate, low relief and bir, LF orientation, chl variety ripidolite. 34%.
* Sericite- Low-relief colourless mica with bright 1st- and 2nd-o int colours (would be brighter, but gs is small). Muscovite variety sericite. 30%.
* Matrix quartz- Granular qz, anh, mgr-fgr (cf. the coarse strained qz in the clast). Also traces of fibrous silica pressure shadows on py crystals. Irregular distribution. 12%.
* Pyrite- Mostly subh, esp in the clast with cgr qz, max gs 650x500 µm. Mostly found in the chloritic clast, not the host rock. May be subh-euh in the cgr qz, max gs 450x400 µm. Many tiny gangue inclusions (<10 µm), plus trace chalc. 6%.
* Coarse quartz- In the clast, coarse, max gs at least 2.2x2.2 mm, angular and highly strained, fractured and cut by thin carb veinlets. 5%.
* Vein carbonate- Fibrous carb in brittle veinlets, max width 0.5 mm. Strained, with undulating ribbons of carb normal to veinlet walls. Contains traces of euh py. Calcite, given HCl reaction. 5%.
* K-feldspar- Tabular crystals, low relief and bir, appears untwinned, in chloritic matrix. K-feldspar laths, not rhombs (not adularia), gs 25-40 µm. Assoc with some fgr plag, carb and py. 5%.

Minor and Accessory Minerals (3%);
* Matrix carbonate- Granular fgr carb in host rock of clast. 3%.
* Rutile- Reddish-brn, paler than sphal, very high bir, very high relief, max gs 40x35 µm. Abundant Tr.
* Chalcopyrite- Anh yl sulphide mostly in gangue near py, also enclosed in py as tiny blebs to 20x15 µm. Tr.
* Sphalerite- Rounded, deep reddish in TL (so Fe-bearing), deep grey in RL, isot. Max gs 60x50 µm, in sericitic matrix near py. Rare Tr.

Texture; The rock is very heterogeneous, in terms of modal proportions varying widely across the sample. The prominent coarse clast is chloritic, the white material coarse, strained quartz, which is fractured and cut by carbonate veinlets. The strained quartz displays bands of dark, minute inclusions. Carbonate in the rock is largely calcite.

As a partial history, the rock includes a clast of coarse deformed quartz, against which was emplaced a later (now-deformed) fibrous carbonate veinlet, which is truncated by a thick layer of chlorite and associated sericite- chlorite- pyrite schistose layering.

Summary; The rock is very heterogeneous, a breccia (or possibly agglomerate or conglomerate) with a quartzose, micaceous matrix enclosing a chloritic clast that is very pyritic and contains coarse, strained quartz.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 12, 2021

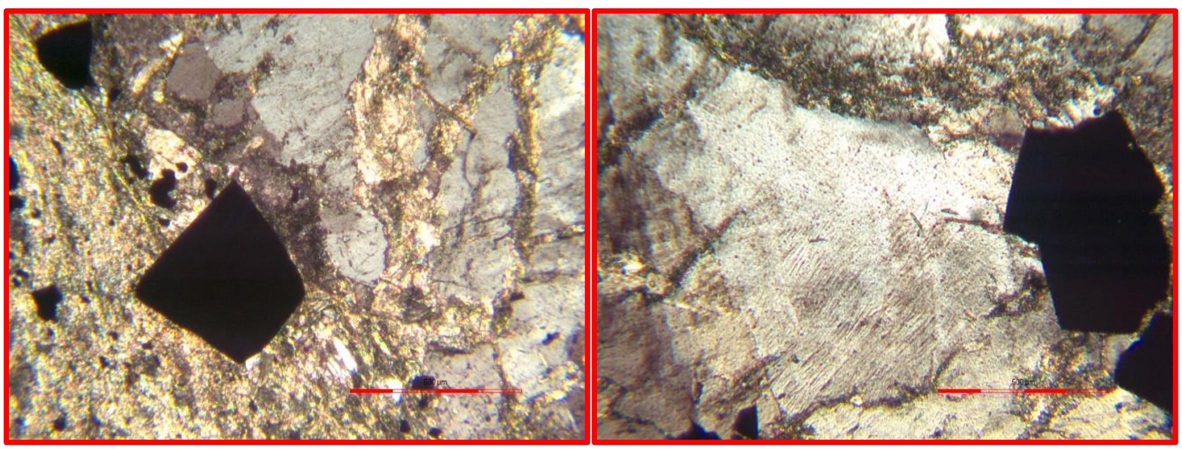


Figure 20. Left: Coarse strained quartz on edge of the sinuous clast, with euhedral pyrite, cut by calcite-filled fractures, in contact with schistose, sericitic host rock. Right: the coarse quartz and (relatively) coarse pyrite, showing strain manifested in quartz as an array of subparallel, inclusion-darkened planes. Photomicrographs in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 16-8712: TM21-94-074.8 m** **Description ; 4003**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.4 cm^2).

Format ; PTS - 24 µm - by K.Tavener, Lakehead University
Hand specimen data ; Pale, grey-grn speckled rock. 1 offcut. The sample contains disseminated anh py and a rounded cream to pink feature *circa* 1 cm in dia. Estimated mag-sus 0.094×10^{-3} SI units. Rapid eff in dil HCl, esp in the pale inclusion.

Major Minerals;
* Feldspathic groundmass- The matrix is dominated by an evidently tabular feldspar, which appears to be mostly untwinned (?). The feld exhibits low relief and low 1st-o bir. Probably K-feld (e.g., orthoclase). 64%.
* Pyrite- The pale yl sulphide is fgr, mostly irregular to subh, except for a few coarser anh masses to 1.00x0.75 mm or larger. The py contains many tiny gangue inclusions, and some very small blebs of chalc. The gs is generally 50-250 µm or smaller. The coarsest masses are intergrown with and embayed by innumerable gangue flakes and grains. 10%.
* Tremolite- A colourless amphibole with ragged habit, appears corroded, and in some cases overgrown and partially replaced by calcite. Moderately inclined ext, mid-1st-o int colours. 8%.
* Chlorite- Pale grn flakes, both relief and bir very low (lower than trem). Local alteration in host rock. 8%.
* Matrix carbonate- Widespread fgr granular, anh carb granules, a secondary carb that, like the coarser material in the clast, appears from acid reaction to be calcite. 7%.

Minor and Accessory Minerals (3%);
* Coarse carbonate- Limited to the round clast, anh and with complex rims, yet unstrained and showing symm ext on rhombohedral cleavage planes. 2%.
* Plagioclase in clast- Feld with ill-defined twin planes, max gs at least 1.0x0.5 mm (far coarser and more equant than the tabular crystallites in the groundmass of the rock). Some vfgr alteration to ser and kaol. 1%.
* Tourmaline- High relief and bir, dark grn, pleo, LF, str ext, max gs 100x50 µm. Tour variety schorl. Tr.
* Chalcopyrite- Small blebs of yl sulphide in py, generally no larger than 10x5 µm. Tr.

Texture; A feldspathic rock composed largely of feldspar, disseminated pyrite, and secondary tremolite, chlorite and carbonate, with accessory tourmaline and chalcopyrite. The matrix, where largely feldspar, shows a common orientation of feldspar laths, a trachytic texture. Note that trachytic texture can occur by alignment of plagioclase in basaltic rocks, but here is more probably due to subparallel K-feldspar crystals in trachyte.

Summary; A pyritized "trachyte" with fine-grained, evidently flow-textured groundmass, containing a coarser, rounded clast that appears to be a carbonatized "syenitic" intrusive rock with much coarser feldspar than the host rock.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 13, 2021

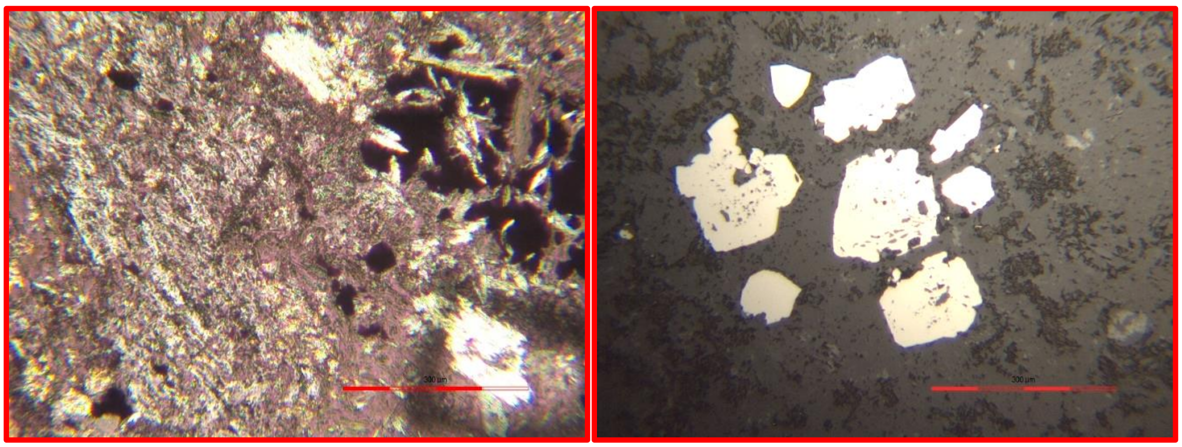


Figure 21. Left: Fine bladed plagioclase feldspar defining a trachytic fabric in the groundmass, and a patch of pyrite plus flaky tremolite Right: cluster of subhedral pyrite grains in feldspathic groundmass. Photomicrographs in XP-TL / PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 17-8713: TM21-94-112.8 m

Description ; 4004
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.3 cm^2).

Format ; PTS - 25 µm - by K.Tavener, Lakehead University
Hand specimen data ; A cm-scale breccia. 1 offcut. Clasts and matrix vary in their pale hues (cream, pinkish, grey, buff). Py in all lithologies, esp the buff rock. Estimated mag-sus 0.078×10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* Sericitized groundmass- The vfgr matrix, presumably once feldspathic, is now extensively altered to fgr sericitic white mica. The mica occurs as fgr, LS flakes, 1st-o yl int colours due to small size of the flakes. 67%.
* Plagioclase feldspar- Tabular, simple and albite- twinned plag, max gs 2.2x1.5 mm, often strongly sericitized. Phenocrysts and microphenocrysts in vfgr matrix. 15%.
* Pyrite- Larger grains tend to be rounded or ovoid in section, not euh cubes or other habits. A few are enclosed in plag (or lodged in embayments of the feld prisms). Solid equant grains to 550x500 µm. Some sericitic sectors of the matrix contain innumerable vfgr angular py crystals, generally <50 µm. 10%.
* Carbonate- Lack of acid reaction: possibly ankeritic composition. Found along discontinuous fractures, in part with abundant py. Colourless, twinkles on rotation, extreme bir. Coarse carb is unstrained, anh, max gs 1.4x1.2 mm. 8%.

Minor and Accessory Minerals (Tr.);
* Quartz- Fibrous pressure shadows on py. Moderate development, fibres growing normal to py crystal faces. Tr.
* Chalcopyrite- Anh grains in gangue, max gs 30x25 µm. Also tiny yl inclusions in py. Rare Tr.

Texture; The matrix to clasts and cement all appears rather similar, a fine-grained constellation of sericite and pyrite flakes and grains. The late, presumed iron-rich carbonate infills fractures with pyrite, but also occurs as a few coarse unstrained grains that envelope subhedral pyrite, decorated with mica and quartz pressure shadows (pyrite first, then quartz, then carbonate). The best-developed pyrite crystals are equant and subhedral, and may be pure sulphide, or dotted with many tiny gangue inclusions.

Summary; A sericitized feldspar porphyry breccia, preserving many part-altered feldspar phenocrysts in a sericitic matrix, with abundant pyrite and ankeritic carbonate.

Age; Archean

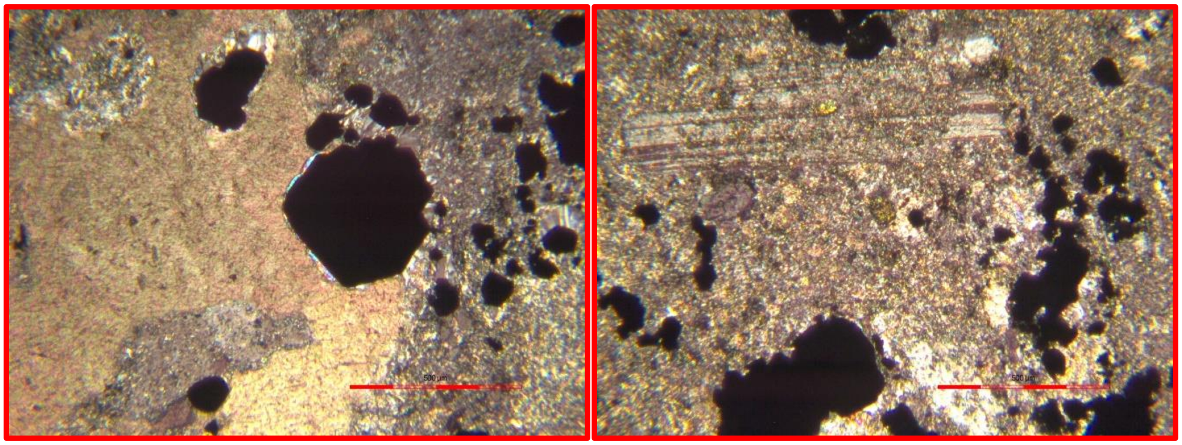


Figure 22. Left: Coarse unstrained carbonate envelopes subhedral pyrite. The sulphide is mantled by small mica ± quartz pressure shadows. Right: Sericitized, albite-twinned tabular plagioclase and pyrite in sericite-carbonate groundmass. Photomicrographs in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 18-8714: TM21-94-202.5 m** **Description ; 4005**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.6 cm^2).

Format ; PTS - 28 μm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr dark grey rock affected by strong red alteration. Cut by thin dark fractures, in part infilled by py. 1 offcut. Estimated mag-sus 4.34×10^{-3} SI units, distinct effect on pen magnet. Rapid eff in dil HCl =>abundant calcitic carb.

Major Minerals;
* K-feldspar-rich groundmass- The matrix of the rock is cryptic, low relief and bir, presumed to be largely K-feldspar, scattered with dispersed carb, ser, chl and oxides. The latter are locally concentrated and probably responsible for the reddening in the HS. 45%.
* Disseminated carbonate- Clear calcitic carb is found throughout the fgr groundmass, and the larger grains may show rhombohedral cleavage traces. 17%.
* Plagioclase feldspar- Tabular prisms with albite twin law, max gs at least 400x150 μm, much coarser than presumed matrix feld. Microphenocrysts. 15%.
* Chlorite- Pale grn, slightly pleo, very low 1st-o bir. May surround py crystals. 15%.
* Fe oxides- The oxide is abundant, fgr and irregular, Much of it is magnetite, though some hematite is doubtless present. Concentrations of irregular granules to 50x40 μm darken patches of the pale groundmass. 5%.

Minor and Accessory Minerals (3%);
* Vein carbonate- Clear crystals of calcite, granular and locally fibrous. 2%. * Pyrite- Subh to irregular grains, deeply embayed, with many gangue inclusions. Occurs both disseminated and fracture-related. Max gs at least 500x300 μm. 1%.
* Tourmaline- Schorl, with high relief, str ext, LF orientation, pleo in bl-grn to grn to pale brn hues, max absorption normal to polarizer. Max gs 150x60 μm, unusually poor development of prismatic habit. Tr.
* Chalcopyrite- Yl sulphide found in gangue, attached to py faces, and as tiny inclusions (to 10x5 μm) within py. Tr.

Texture; The margins of calcite veinlets may variously show shattered pyrite, fibrous extensional carbonate growing on the wallrock, or dark very fine- grained (?) oxide, insoluble material concentrated on the vein margin in a stylolitic development. The host rock contains appreciable chlorite and magnetite. Coarser magnetite, to 150 μm in diameter, subhedral in form, may occur in the coarser chlorite. Fine-grained oxides are especially common, with calcite and chlorite, in patches in the altered groundmass. Calcite and chlorite may both overgrow pyrite.

Summary; Oxidized trachyte with abundant relict plagioclase microphenocrysts, affected by strong chlorite- calcite alteration, and cut by veinlets with evidence of progressive deformation of associated pyrite and calcite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 7, 2021

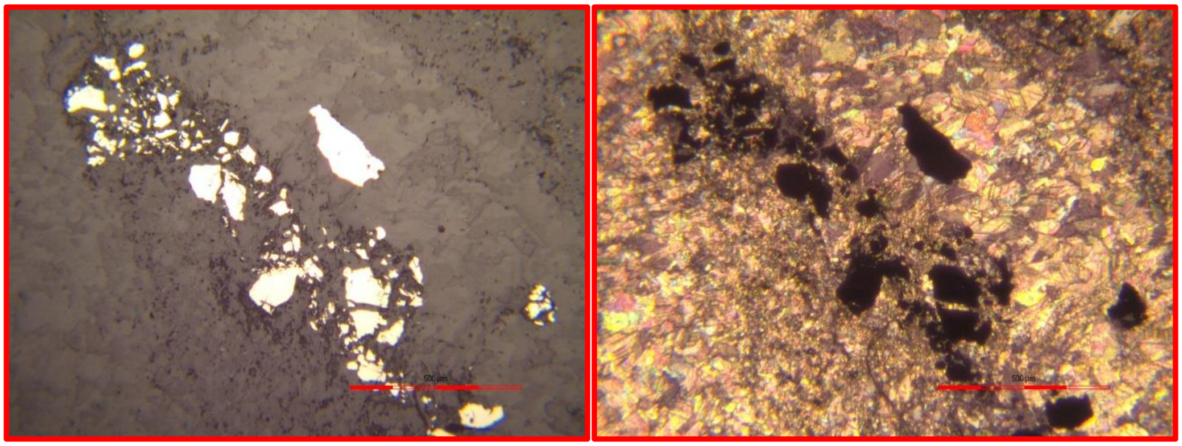


Figure 23. Two views of fractured pyrite, milled along a plane within a bifurcated calcite veinlet. Photomicrographs of the same view in (left) PPL-RL and in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

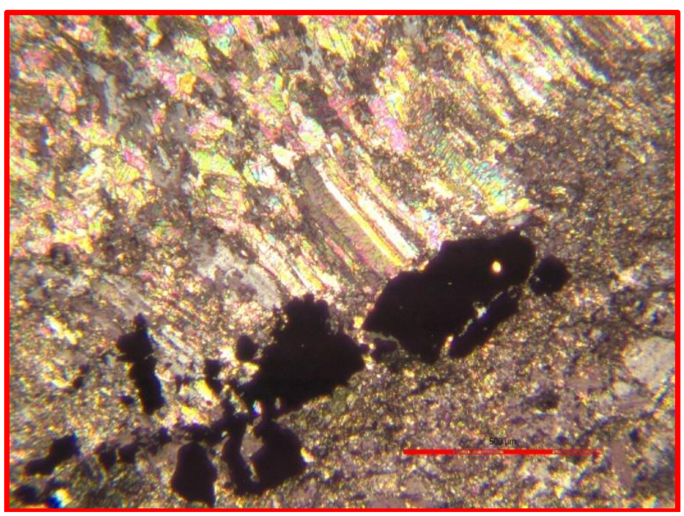


Figure 24. Fibrous development on margin of granular calcite vein against fine-grained groundmass of the host rock. Photomicrograph, XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 19-8716: TM21-95-009.6 m** **Description ; 4006**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details; DDH (PTS, 7.4 cm^2).

Format ; PTS - 24 µm - by K.Tavener, Lakehead University
Hand specimen data ; A red, vfgr rock with some discrete crystallites in cryptic matrix. 1 offcut. Abundant py, notably along black (chloritic?) fractures. Estimated mag-sus $0.129 x 10^{-3}$ SI units. No eff in dil HCl.

Major Minerals;
* Fine-grained feldspathic groundmass- The fgr matrix appears to be largely K-feld, stained pink to reddish by (it is presumed) micron-scale hematite alteration. Studded by fgr granular carb, and cut by the py-chl fractures. Some sericite is present. Poorly-formed small feld crystals, typically of gs<25 µm. Tiny inclusions in reddened mass appear to be vfgr oxide (hematite?) of gs 1-2 µm. 50%.
* Granular carbonate- Irregular carb, no acid reaction, possibly ankeritic composition. In part as small euh rhombs. Twinkles on rotation. 16%.
* Chlorite- Pale grn, low relief and bir, largely in fractures with py. 10%.
* Plagioclase feldspar + alteration products- Tabular grains, with the appearance of microphenocrysts, in vfgr matrix, max gs at least 1.2x0.3 mm. Cut by later carb veinlets. With fgr kaol, ser, carb alteration. A few py blebs are included or attached to grain margins. 10%.
* Pyrite- Disseminated and in fractures. generally fgr, rounded to irregular, with many gangue inclusions. Coarser grains may be brecciated and cemented by gangue. Most individual grains are <150 µm, broken aggregates reach 1.2x0.8 mm. 6%.
* Sericitic mica- Patchy fgr white mica alteration. 5%.

Minor and Accessory Minerals (3%);
* Vein carbonate- Irregular veinlets, may contain traces of qz. 3%.
* Vein quartz- A few grains in otherwise carb-diminated veinlets and fractures. Tr.
* Chalcopyrite- Tiny blebs of yl sulphide in py. Rare Tr.

Texture; The fine-grained matrix is hematized K-feldspar, studded with coarser, tabular plagioclase microphenocrysts. This rock, a trachytic volcanic or perhaps subvolcanic minor intrusion, is cut by late fractures, dominated by carbonate-(quartz) or chlorite-pyrite-(carbonate). Chlorite chemistry was not deduced, but other alteration has an iron signature (micron-scale hematite in K-feldspar and two stages of unreactive, (?) ankeritic carbonate, plus pyrite).

Summary; Hematized trachyte (or alkalic hypabyssal equivalent) which displays a protracted history of deformation and alteration. The latter includes sheet silicates, ankeritic carbonate and pyrite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 14, 2021

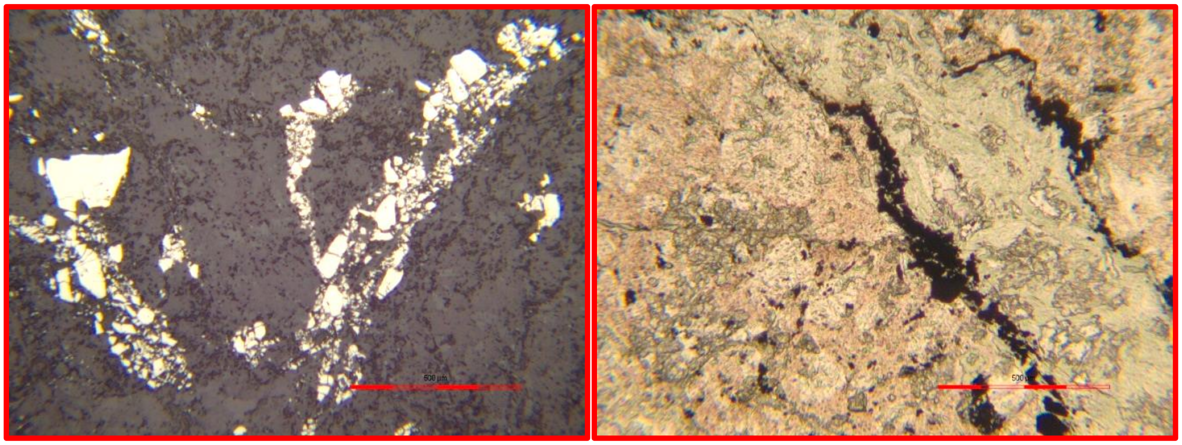


Figure 25. Left: Shattered pyrite in pyrite-chlorite fracture zones. Right: Zone of chlorite with carbonate (right of centre), outlined by pyritic selvages, cuts the reddened (hematized), fine-grained feldspathic host rock. Photomicrographs in PPL-RL / PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 20-8717: TM21-95-142.7 m** **Description ; 4007**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.0 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; Complex texture of pale pinkish, subrounded, *circa* 5-mm domains, ringed by dark grn areas. Widespread py, esp in the darker rims to pale areas. 1 offcut. Estimated mag-sus 0.080x10^{-3} SI units. Rapid eff in dil HCl, more esp on the pale domains.

Major Minerals;
* K-feldspar-rich trachytic domains- Rounded (?) clasts of trachytic material, generally circa 5 mm in dia, rich in subparallel plumose K-feld laths or plates, and extensively carbonatized. The feld laths are small, generally 200x50 µm or less. 56%.
* Carbonate- Granular secondary calcitic carb, mostly in feldspathic groundmass but also in hairline veinlets with trace qz. A few vein carb crystals are relatively coarse, clear and unstrained, max gs 350x200 µm. 15%.
* Chlorite- Strong grn body colour, weak pleo, very low 1st-o bir. 15%.
* Pyrite- Some grains are subh, but py is mostly rounded to irregular in form. May enclose fine inclusions of ser or carb. Max gs 700x450 µm, variable content of the gangue inclusions. Smaller (10-100 µm) grains more often equant, subh. 10%.

Minor and Accessory Minerals (4%);
* Sericite- Nests of white mica, some coarse enough to display bright 2nd-o int colours, LS, str ext, may be assoc with chalc (qv). In groundmass. 2%.
* Quartz- Minor granular qz in small calcite veinlets. 1%.
* Fe oxides- Poorly crystallized fgr opaque oxide(s), found esp in chl-rich zones. Mostly hematite. 1%.
* Plagioclase feldspar- Albite-twinned plag as small laths in the K-feld-rich groundmass. Exact proportions uncertain, but little obvious plag seen. Tr.
* Chalcopyrite- Angular, anh yl sulphide infillings between coarser mica flakes, max gs 30x30 µm. Tr.

Texture; Texture of trachytic "clasts" in darker, chloritic rims. The rounded (?) clasts show relatively intense carbonatization, while the dark rims are richer in pyrite, contain minor sericitic foliae, and contain minor oxide and chalcopyrite. Chlorite and calcite may form small pressure shadows on the pyrite.

Summary; Possible autobreccia, the rounded clasts formed when the first- solidified part of a lava flow breaks into blocks, which are then cemented by the remaining liquid fraction of the lava. The bulk rock (the inferred clasts) are mildly hematized and strongly carbonatized trachyte, cemented by a late fraction represented especially by chlorite and pyrite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 8, 2021

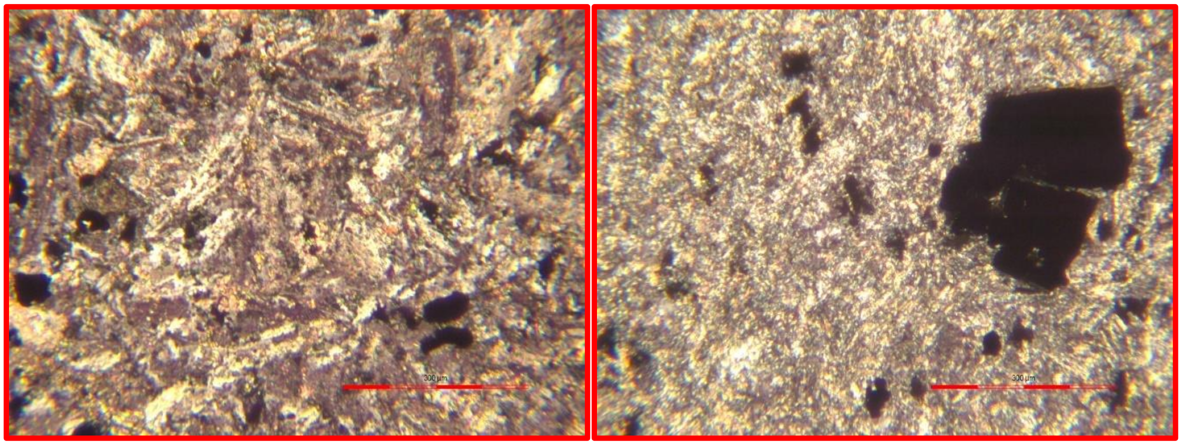


Figure 26. Left: Example of pale pink trachytic domain, with pale, often subparallel plates of K-feldspar plus scattered calcite and trace pyrite. Right: A chloritic zone mantling the pale trachytic “clasts”, with abundant chlorite, pyrite and trace oxide. There is some calcite, but little to no recognizable K-feldspar. A trace of the chlorite (green in PPL) forms thin pressure shadows on the coarser pyrite grains. Photomicrographs in XP-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 21-8718: TM21-95-148.3 m** **Description ; 4008**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.2 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; A striking rock with rounded, vfgr brick-red masses in a granular, red to mostly-black groundmass. Abundant fgr euh py is almost all in the dark groundmass. 1 offcut. Estimated mag-sus 0.353×10^{-3} SI units. Very slow eff in dil HCl across both lithologies (dolomitic carb?).

Major Minerals;
* K-feldspar-rich matrix- This rock is dominated by a fine-grained trachytic matrix with abundant laths of fgr K-feld, max gs circa 400x80 µm. The individual laths have str ext, no clear twinning, and are often in subparallel alignment. The K-feld is present in both the rounded red "clasts" and darker matrix, which, as discussed below, appear to be closely related ut subject to differing alteration styles. 65%.
* Chlorite- Strong grn body colour, weak pleo, very low 1st-o bir. Very common in the granular matrix, but a minor component of the reddened clasts. 20%.
* Carbonate- Slow but visible reaction with 10% HCl suggests possible dolomitic composition. Present mainly in the reddened clasts, but irregular granular carb does occur in coarser chl masses in the darker matrix. 8%.
* Pyrite- The pale yl-white sulphide is almost restricted to the darker, granular chloritic matrix, as opposed to the red clasts. May be decorated by thin chl pressure shadows. Variable gs and gangue inclusion content. 7%.

Minor and Accessory Minerals (Tr.);
* Fe oxides- Opaque, fgr, irregular oxide, mainly hem, max gs 20x15 µm, most notable in the reddened clasts. Tr.

Texture; Under the microscope, it appears that the dramatic contrast between sharp-edged rounded masses and granular host is an illusion, at least in terms of the primary rock type. Both appear to be trachyte, but affected by contrasting alteration stles. The red clasts are likely red due to fine hematization: the K-feldspar is there, but affected by carbonate and lesser chlorite and oxide alteration. The granular matrix is also trachyte, but with intense chlorite and pyrite alteration (some corroded carbonate is found in chloritic masses). The pyrite is notably subhedral-euhedral, up to 800x450 µm or more in section, displaying square, triangular and other 2-dimensional demonstrations of cubic crystal habits.

Summary; Another possible autobreccia, in which the essential rock type (trachyte) occurs as carbonatized rounded clasts, consolidated within a pulse of chlorite-pyrite-altered melt.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 9, 2021

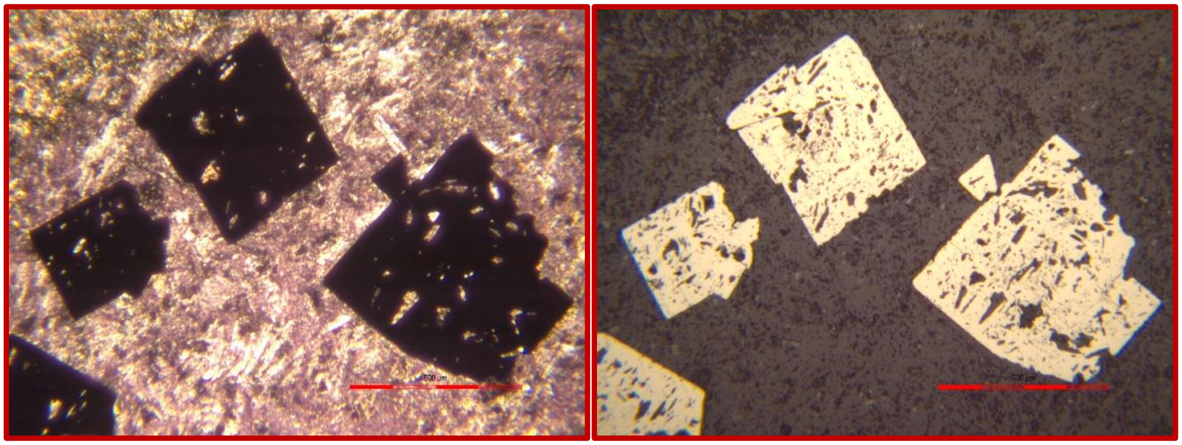


Figure 27. Left: Subhedral pyrite crystals in a trachytic, feldspathic matrix in the darker “groundmass” facies of the sample. Here we see the pyrite growth overprinting the original igneous fabric defined by the moderate alignment of K-feldspar laths. Right: same view in reflected light. Note the myriad inclusions in the sulphide. Photomicrographs in XP-TL and (right) PPL-RL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 22-8719: TM21-95-166.3 m**	**Description ; 4009** **TGSL Project; 2021-05**

Client/job	; White Metal Resources, Thunder Bay
Locality	; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.
Collection details	; DDH (PTS, 8.6 cm^2).
Format	; PTS - 26 µm - by K.Tavener, Lakehead University
Hand specimen data	; A vfgr red rock. 1 offcut. Some disseminated py. Smooth-edged domains (inclusions, clasts, variably-altered rock) of paler, pinkish rock with more py and chl. Estimated mag-sus 0.148x10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* Fine-grained feldspathic groundmass- Hematized K-feldspar dominated groundmass, much like sample 8716 from near the top of this hole (some 156.7 m up-hole), but actually more intensely hematized. 50%.
* Pale clasts- Fresher material (solely in the sense that there is no hematization of feld). There is clear, simple- and albite-twinned fgr tabular plagioclase feldspar, plus abundant chl and py, and also carb and ser. 18%.
* Chlorite- Deep grn body colour - found mostly away from the hematized matric. Flakes may occur plated onto py crystal faces. At least some is dark, with anomalous int colours (penninite). 12%.
* Pyrite- Abundant granular sulphide, may be either irregular or subh-euh in habit. Many tiny gangue inclusions. Mostly fgr, esp in the reddened host rock, but coarser within and marginal to the greenish inclusions in the host. 9%.
* Carbonate- Both disseminated and fracture-filling. Ankeritic composition (?). 8%.

Minor and Accessory Minerals (3%);
* Sericitic mica- Found in the clasts dominated by fresher (or at least, not hematized, and thus clear) feld. 2%.
* Quartz- Traces of qz occur with carb in brittle fractures that cut the coarsest py associated with the paler clasts. 1%.
* Titanite (sphene)- Anh, pale brownish grains of extreme relief and very high bir, max gs 200x100 µm. Secondary Ti mineral found mostly in the pale clasts and in carb-py fractures cutting hematized host rock. Tr.

Texture; Hematized trachyte with paler, grey-green clasts enriched in chlorite and pyrite, and with plagioclase rather than the K-feldspar in the host. The latter, by exsolving iron oxide, gives rise to the striking overall colour of the rock.

Summary; Hematized trachyte breccia with clasts of "basaltic" aspect (at the least, less alkaline than the host).

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 14, 2021

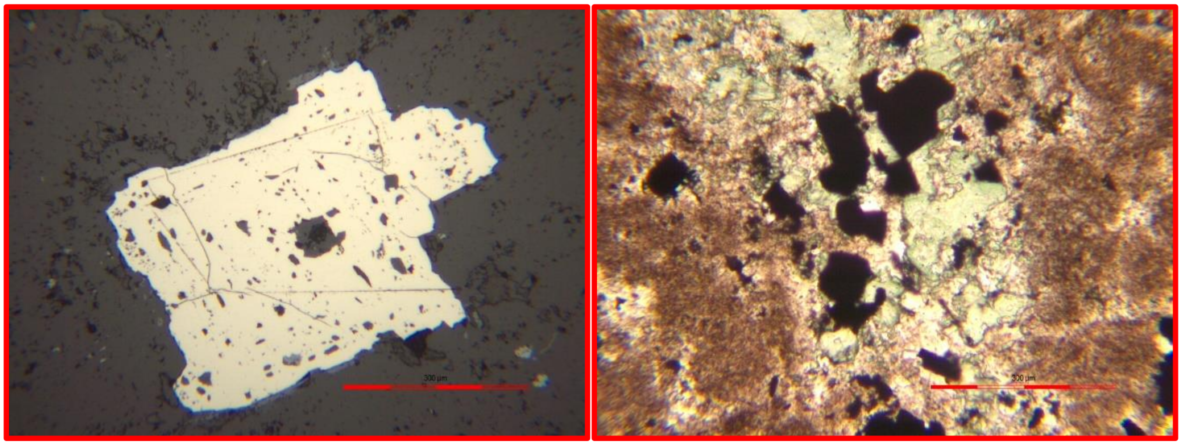


Figure 28. Left: A subhedral pyrite crystal, shot through with tiny gangue inclusions, in the reddened (hematized) feldspathic host rock. Right: A pocket or “seam” of chlorite and pyrite against strongly hematized feldspathic host rock. Photomicrographs in PPL-RL / PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 23-8720: TM21-95-174.7 m** **Description ; 4010**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.8 cm^2).

Format ; PTS - 27 µm - by K.Tavener, Lakehead University
Hand specimen data ; Black rock with striking annular structures 1-2 cm in diameter, red and cream to pale greenish hues. 1 offcut. Py abundant in the black lithology. Estimated mag-sus 5.04×10^{-3} SI units. Rapid eff in dil HCl => scattered calcite, esp in the pale greenish ring.

Major Minerals;
* Trachytic K-feldspathic groundmass- Much of the rock is dominated by fgr, subh feld laths, showing variable sericitization, as well as patchy alterations to chl, carb, epi and oxides. 66%.
* Epidote- Patchy alteration to high relief, granular epi with yl body colour and bright int colours. Often surrounded by clear carb. 15%.
* Chlorite- Deep grn chl, in groundmass of rock and also a minor ingredient of epi-rich bands. 12%.

Minor and Accessory Minerals (7%);
* Plagioclase feldspar- Albite-twinned tabular plag prisms to 1000x300 µmFound in the trachytic fabric with much more abundant K-feld. 3%.
* Carbonate- Minor calcitic carb in disseminations and thin veinlets. Water-clear calcite may envelope granular epi. Fibrous carb may grow normal to veinlet margins (veinlets up to 500 µm wide in plane of PTS). 2%.
* Pyrite- Subh grains, may be limned by granular carb and fibrous qz pressure shadows. Max gs at least 1500x1500 µm. Some grains are heavily crowded with gangue inclusions, and/or deeply embayed. 1%.
* Fe oxides- Largely subh brownish-grey magnetite to 200x100 µm. Found in the red zones and in chl-rich areas. One euh 100 µm-wide grain is enclosed by py. 1%.
* Quartz- Minor granular, fgr qz with epi, and also minor pressure shadows on py. Tr.
* Chalcopyrite- Yl sulphide as hairline fracture filling in a coarser, subh py grain. Rare Tr.

Texture; A striking rock with annular, epidote-rich alteration rings in a variably altered trachyte. In detail, red bands are enriched in Fe oxides (coarser magnetite is most obvious), while pale cream to greenish bands exhibit epidote plus lesser calcite. Alteration (and late brittle fractures lined with calcite) both seem to cut across the trachytic fabric (see below).

Summary; Chloritized trachyte enclosing rounded masses with zoned alteration, including abundant granular epidote. The origin of the rounded structures is a mystery, though they could be partially altered trachyte clasts, slightly earlier than - yet cogenetic with - the host melt. However, the trachytic fabric appears to be cross-cut by the alteration, which may reflect subsolidus volatile streaming in the congealing melt, with alteration along pipelike volumes in the host unit.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 9, 2021

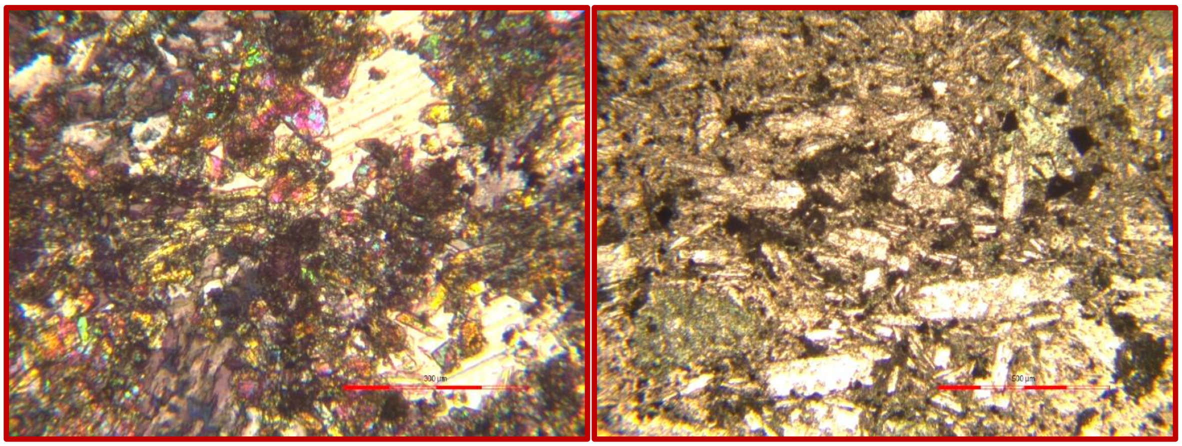


Figure 29. Left: detail of a pale greenish to creamy annular zone of epidote-rich alteration, showing granular epidote plus interstitial, clear and unstrained calcite and traces of chlorite. Photomicrograph in XP-TL, 100X nominal magnification, long-axis FOV 0.9 mm. Right: Trachytic fabric in the dark groundmass of the rock, with pale feldspars visible in host rock darkened by green chlorite and opaque Fe oxides. Photomicrograph in PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 24-8721: TM21-95-244.9 m
Description ; 4011
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.2 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data; Massive black rock with angular, epidotized, bright grn mm-scale(?) plag phenocrysts. 1 offcut. Trace disseminated py. Estimated mag-sus $0.392x10^{-3}$ SI units. Rapid eff in dil HCl, on fgr disseminated calcite and along hairline fractures.

Major Minerals;
* Fine-grained groundmass- Much granular, colourless, high-relief zoisite (low bir: a variety of the epidote family). Plus relict feld (albite-twinned plag), fgr secondary Fe oxides (opaque, low refl) and other minerals as described below. 60%.
* Chlorite- Relatively coarse flakes, distinctly grn body colour, low bir, low relief. 20%.
* Epidote- High relief, strong yellow-colourless pleo, bright int colours (strong bir), may be concentrically zoned. Granular mm-scale masses (as seen in HS) and also disseminated grains. Classic epidote ("pistacite"). 16%.

Minor and Accessory Minerals (4%);
* Carbonate- Colourless granular calcite, mostly fgr, may be intergrown with epidote. 3%.
* Pyrite- Equant, subh-euh scattered grains, relatively coarse, max gs 550x500 µm, 330x280 µm. 1%.
* Chalcedony- Unusual occurrence of chalcedonic (fibrous) silica, as corroded rims upon coarse chl, and as radial nests inside the chl (whence crosses may be seen under XP illumination). Colourless, habit suggests bunches of grapes. Tr.
* Quartz- Fine granular qz, in pressure shadows on py. Tr.
* Chalcopyrite- Relatively cgr, anh chalc in silicate ganue and near py. Yl, anh, in chl-rich areas and in clear carb. Max gs atleast 80x50 µm in chl,and one L-shaped mass in carb is circa 300x60 µm. Tr.

Texture; A fine-grained rock with prominent, presumed phenocrysts of plagioclase feldspar, now altered to green epidote and some clear calcite. The accessory pyrite grains, with well-formed crystal faces, may be decorated with thin but complex pressure shadows of quartz, calcite and chlorite. The zoisite alteration is early, with patchy overprint of chlorite and calcite, and the epidote pseudomorphs after feldspar.

Summary; Epidote (matrix zoisite and phenocryst-replacing pistacite) and chlorite-altered porphyritic rock. Plausibly a subvolcanic feldspar porphyry, though this remains to be demonstrated.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 26, 2021

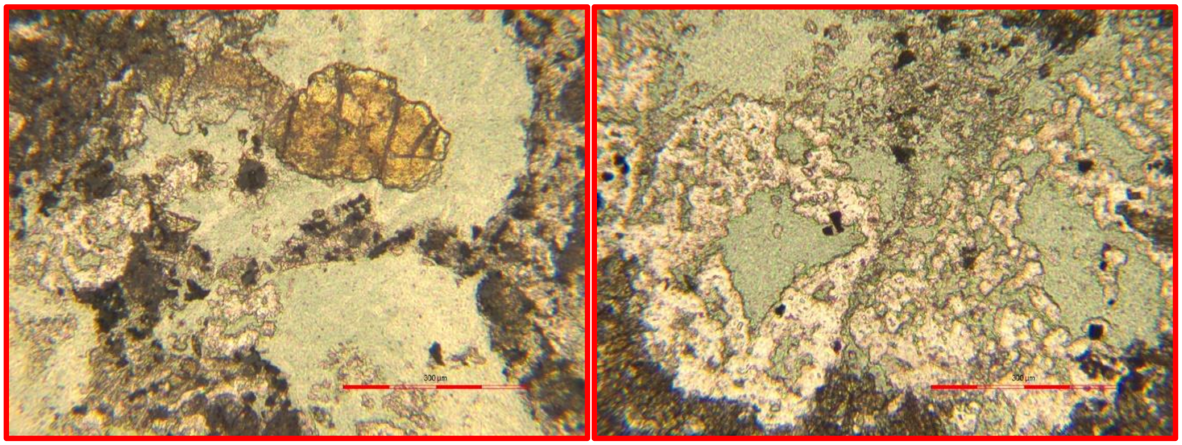


Figure 30. Left: Yellow epidote grain (upper, right of centre) in chlorite. Surrounding the chlorite patches are elements of the matrix: fine granular zoisite, relict feldspar and fine-grained granular oxides. Right: Ragged chlorite rimmed and decorated by clear, “grape-like” patches and rounded domains of chalcedonic silica. Seen also at a similar depth in hole 21-96 (sample 30-8727) these unstrained ovoid to irregular features may be infilled vugs or vesicles (?). Photomicrographs in PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 25-8722: TM21-96-101.3 m** **Description ; 4012**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.8 cm^2).

Format ; PTS - 24 µm - by K.Tavener, Lakehead University
Hand specimen data ; Patchy reddening in a solid, pale green rock with abundant disseminated py. 1 offcut. Estimated mag-sus 0.049x10^{-3} SI units. No eff in dil HCl.

Major Minerals;
* Fine-grained groundmass- The groundmass is very low relief, low bir and colourless (section is somewhat thin, which exaggerates this effect). The bulk appears to be K-feld and probably some plag, plus sericitic alteration of the feldsparsand scattered py. 69%.
* Plagioclase feldspar- Abundant tabular microphenocrysts to 1.6x0.4 mm. M-L MEA 16 degrees (13-16, n=5, relative RI not determined). May be broken, with vfgr ser alteration along the fracture planes. 10%.
* Sericite- Mostly vfgr (down to micron scale in groundmass and in part-altered feld laths). Also ragged flakes to at least 600 µm length, LS, str ext, may be pseudomorphs after earlier phase, such as biotite mica. 10%.
* Pyrite- Equant, subh to irregular grains, few euh sections, with abundant vfgr gangue inclusions. Mostly fgr, range 20-800 µm. 10%.

Minor and Accessory Minerals (1%);
* Fe oxides- Anh, vfgr, tiny anh laths of hematite in matrix, taken to be cause of reddening in the pyritic rock. Max gs circa 70x50 µm. 1%.
* Carbonate- Variously disseminated, in fractures or adhering to py, including euh rhombs to 120x100 µm. Tr.
* Quartz- In part in fractures, also as stubby fibres and small blocky grains forming pressure shadows on py, max gs 100x60 µm. Tr.

Texture; A fine-grained igneous rock with scattered microphenocrysts (plagioclase, and minor white mica) in cryptic matrix taken to be dominated by K-feldspar and alteration products, though individual feldspar habits are hard to discern. Abundant pyrite and sericite (plus minor carbonate, quartz and hematite) alteration.

Summary; Hematized and pyritized trachyte with abundant microphenocrsyts of plagioclase and lesser sericitized ferromagnesian minerals (biotite, amphibole>.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd

Jun 12, 2021

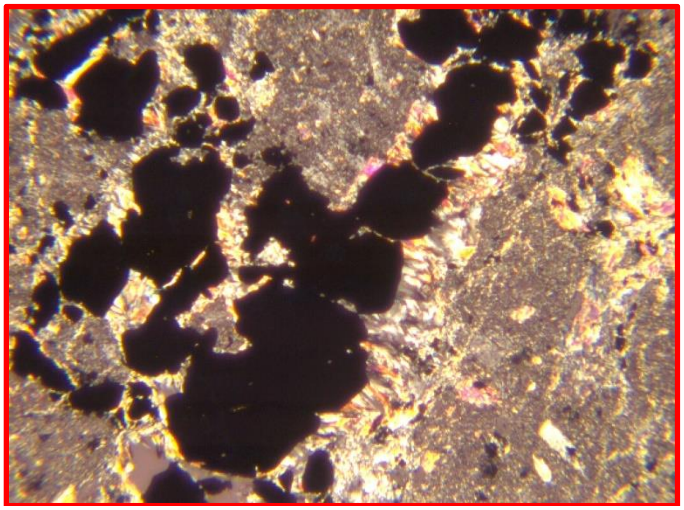


Figure 31. Chain of subhedral pyrite crystals enveloped by a thin “mica beard” of sheet silicates, in cryptic, sericitized, very fine-grained groundmass. Photomicrograph in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE	**PETROGRAPHIC DESCRIPTION**	**Status; CONFIDENTIAL**
Sample	**; 26-8723: TM21-96-122.5 m**	**Description ; 4013** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay

Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.3 cm^2).

Format ; PTS - 26 µm - by K.Tavener, Lakehead University

Hand specimen data ; A fgr, pyritic grey rock, enclosing a subrounded, 15x15-mm clast of pale grey intrusive rock, some 2.3 cm^2 (28% of the area of the PTS). 1 offcut. Estimated mag-sus $0.072x10^{-3}$ SI units. Minor rapid eff in dil HCl => scattered calcite grains, including on hairline fractures.

Major Minerals;

* Feldspathic groundmass- The vfgr matrix of the rock appears to be low-relief K-feld plus ser, plag and scattered chl and py. Py with carb, chl and carb form a mantle on the margin of the clast. 42%.
* Clasts- Volumetrically dominated by a 15x15-mm example. Subparallel plag microphenocrysts occur in a cryptic matrix containing spotty alteration to qz and chl. The main clast displays sharp margins, and contains very little py. 28%.
* Pyrite- Occurs as clouds of vfgr (5-50 µm) sulphide granules. Also subrounded, equant subhedra to 900x800 µm. Found through host rock but virtually absent from (and postdating) the clast. The crystals are commonly solid sulphide with few gangue inclusions, unlike some samples. 10%.
* Plagioclase feldspar- Tabular feld with albite and simple twin laws, variable sericitization, plus minor kaol. 8%.
* Chlorite- Pale grey-grn, low relief, very low 1st-o bir, LF, str ext, ripidolite. 6%.

Minor and Accessory Minerals (6%);

* Quartz- Granular, with slight strain, may enclose py in host rock. Anh grains to 600x250 µm. 3%.
* Calcite- Granular carb with qz and py in host rock. Variable gs (may be quite cgr with py on margin of clast). 3%.
* Fe oxides- Pale grey hematite, anh flakes or grains to 25x20 µm in host rock. Tr.

Texture; The host rock is composed of broken feldspars and alteration products, plus relatively abundant chlorite and pyrite. A concentration of pyrite at one end of the clast may have built up during volatile streaming in the melt prior to consolidation around the clast (?). Pyrite is late, and quartz and calcite later still, in the overall paragenesis.

Summary; A strongly altered (?) autobrecciated trachyte with pyrite- chlorite (-quartz-calcite) alteration in the host rock to trachytic clasts.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 13, 2021

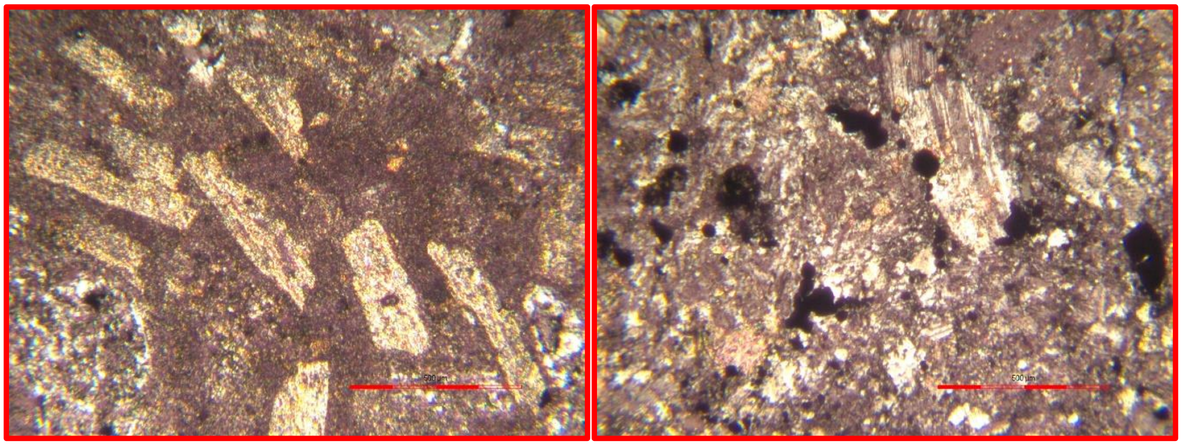


Figure 32. Left: Detail of rounded clast showing subparallel, extensively sericitized feldspar microphenocrysts, the majority evidently plagioclase, in a cryptic matrix of quartz and chlorite. Right: The host rock with scattered, ragged, twinned plagioclase laths (upper, right of centre) in a matrix darkened by pyrite and chlorite. Photomicrographs in XP-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 27-8724: TM21-96-142.8 m** **Description ; 4014**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.6 cm^2).

Format ; PTS - 25 µm - by K.Tavener, Lakehead University
Hand specimen data ; Grey rock with black crystals, enclosing small angular clasts, up to 8x7 mm, of a fgr, pale grn calcitic lithology. 1 offcut. Estimated mag-sus 0.059×10^{-3} SI units. The pale green clasts display rapid eff in dil HCl.

Major Minerals;
* Groundmass- Anhular fragments of low-relief K-feld, some tabular plag, ser, scattered anh carb, and fgr py. 75%.
* Epidote- High relief, slightly pleo, yl body colour. Bright intcolours, esp 1st-o orange and red hues. Stubby prisms, LS, str ext. 8%.
* Calcite- Colourless, extreme bir, found esp enclosing granular epi in the calsts. Also in hairline fractures / veinlets. 6%.
* Plagioclase feldspar- Elongate laths, not always twinned, moderately sericitized, andmay appear corroded with wavy margins in host rock, max gs 900x250 µm. 6%.
* Chlorite- Dark specks in hand specimen are chloritic pseudomorphs after mm-scale phenocrysts, max gs at least 1.2x0.8 mm. The precursors are probably an amph such as basaltic hornblende, with subh prismatic habit and oxidized rims. 5%.

Minor and Accessory Minerals (Tr.);
* Pyrite- The sulphide is fgr and subrounded, max gs 270x200 µm, found esp with calcite, and more in the host rock than the epidotized clasts. Also present as traces in carb veinlets. Abundant Tr.

Texture; The rock contains pale angular clasts and milled fragments thereof, from almost 10 mm down to sub-mm dimensions. In thin sections these clasts are dominated by epidote with a cement of clear calcite. The clasts also contain traces of subhedral-euhedral pyrite, mostly in the calcite. The host rock contains little of these minerals (epidote and calcite), but instead displays elongate feldspar laths and accessory amounts of very fine-grained pyrite.

Summary; Granular epidote-calcite clasts in trachyte host rock. There are also mm-scale fragments of material with more clearly trachytic fabric. The host contains small (*circa* 1 mm) phenocrysts of both plagioclase and (now altered) amphibole.

Age; Archean

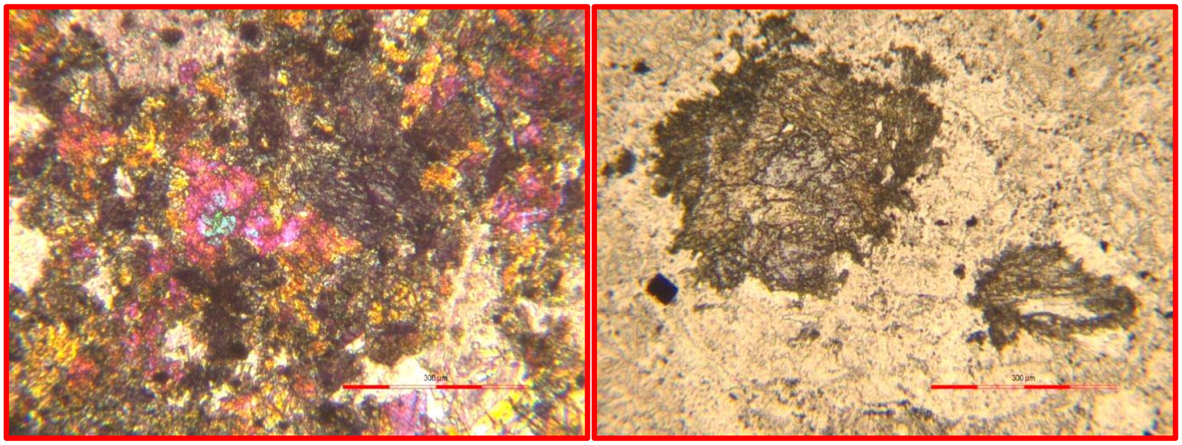


Figure 33. Left: detail of pale clast composed of epidote (high relief, bright interference colours) with interstitial clear calcite. Right: Two sub-mm fragments of the epidote-rich lithology with a tiny euhedral pyrite crystal, in the pale feldspathic host rock. Photomicrographs in XP-TL (left) and PPL-TL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample	**; 28-8725: TM21-96-157.3 m**	**Description ; 4015** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay

Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.2 cm^2).

Format ; PTS - 25 µm - by K.Tavener, Lakehead University

Hand specimen data ; Medium-grey fgr rock with scattered dark-grn crystals, some with very pale grn rims (note similar pale alteration on fractures). 1 offcut. Estimated mag-sus $0.131 x 10^{-3}$ SI units. Rapid eff in dil HCl on carb: disseminated, on fractures, and in pale rim to dark clast. Trace py.

Major Minerals;

* Feldspathic groundmass- Low-relief, feldspathic matrix of rock with 2 feldspars and a trachytic directive fabric. Variable secondary chl and fgr oxides. 72%.
* Chlorite- Abundant secondary chl, pale grn variety ripidolite, LF, str ext. 10%.
* Plagioclase feldspar- Microphenocrysts, max gs at least 1.1x0.4 mm, tabular and albite -twinned, often quite heavily sericitized. 8%.
* Epidote- Granular high-relief epi, LS/LF orientation, str ext. Moderately pleo in yl hues. Intergrown with chl. 5%.

Minor and Accessory Minerals (5%);

* Calcite- Disseminated and veinlet-hosted calcite. Replaces chl along cleavage planes of the sheet silicate, and cuts chloriization along the late veinlets. 4%.
* Pyrite- Some euh sections to 1.0x0.7 mm. Larger grains contain gangue inclusions. Also small (10-100 µm) euh sections. 1%.
* Quartz- Anh clear grains with calcite, max gs 400x200 µm. Tr.
* Chalcopyrite- Yl anh sulphide, max gs 100x90 µm, in calcite and qz. Tr.
* Fe oxide (spinel sp.)- Unusual equant, euh crystal sections, max gs 80x60 µm, mostly opaque (one is translucent, or-brn in TL), Medium grey in RL. Found near the chalc, in carb, chl and qz. Magnetite / picotite (?). Tr.

Texture; The rock contains dark green specks, as seen in hand specimen, which have chloritic cores and epidote-rich rinds, with some calcite. Thought to be pseudomorphs of ferromagnesian phenocrysts, up to 1.4x0.8 mm.

Summary; A trachyte with alterations to chlorite, epidote and calcite.

Age; Archean

Petrography; GCW, Turnstone Geological Services Ltd

Jun 16, 2021

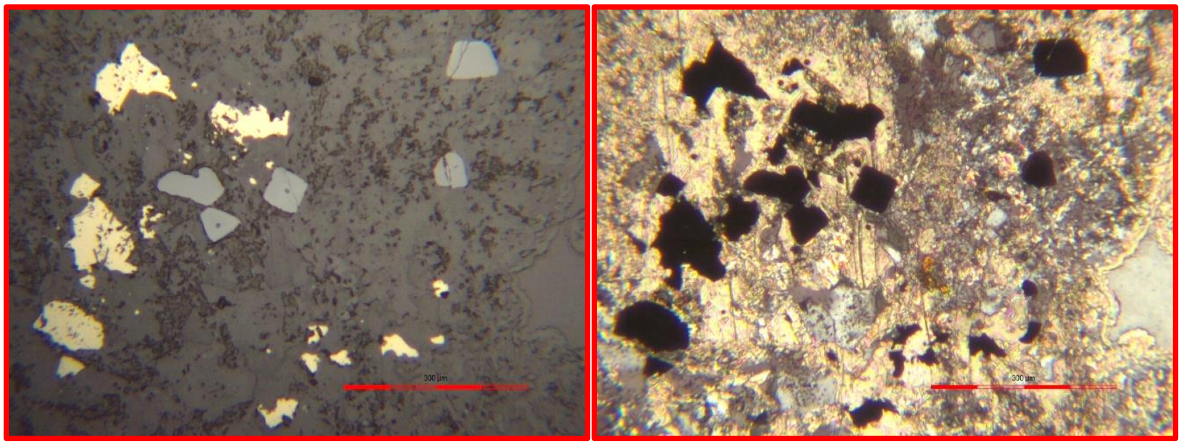


Figure 34. Yellow chalcopyrite with spinel phase (magnetite / picotite) in gangue of calcite, quartz and chlorite. Photomicrographs at 100X nominal magnification, long-axis FOV 0.9 mm, in PPL-RL (left) and XP-TL.

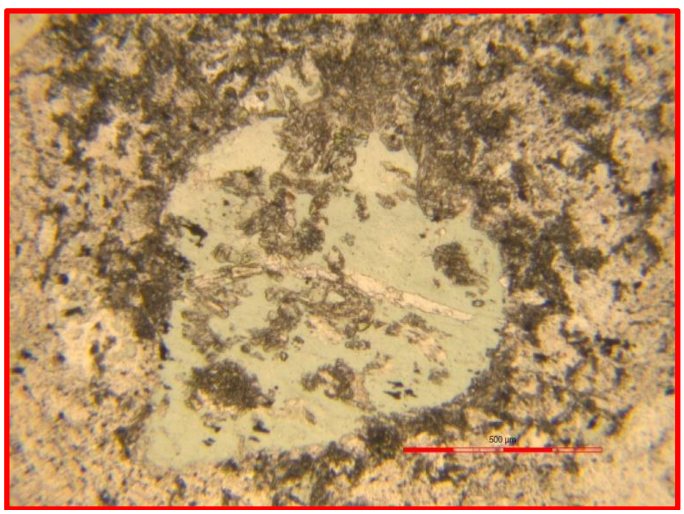


Figure 35. Green chlorite (?) replacing a phenocryst, with clear calcite invading the sheet silicate on basal cleavage plane, mantled by granular epidote. Photomicrograph in PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 29-8726: TM21-96-198.2 m** **Description ; 4016**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.2 cm^2).

Format ; PTS - 29 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr dark-grey rock with extensive patchy, pale grn alteration. 1 offcut. Estimated mag-sus 0.136×10^{-3} SI units. Much rapid eff in dil HCl => abundant calcitic carb in pale alteration.

Major Minerals;
* Feldspathic groundmass- Directive fabric of fgr feld (K-feld and plag) is locally visible. There is alteration to chl, fgr py and vfgr oxides. Some of the material may be devitrified glass, and scattered rounded chl masses may be infilled sub-mm voids. 60%.
* Epidote- Yl, granular high-relief epi in stubby prismatic habit, generally LS orientation. Max gs at least 700x200 µm, subh habits. 16%.
* Calcite- Patchy alteration, variable gs. Often crystalline infilling between epi crystals. Coarser material shows rhombohedral cleavage traces that are moderately deformed. 10%.
* Chlorite- Pale grn alteration in groundmass, including small (?) amygdale infillings, as well as coarser clots that may be pseudomorphs after pre-existing ferromagnesian phenocrysts. 8%.

Minor and Accessory Minerals (6%);
* Plagioclase feldspar- Tabular, albite-twinned plag, may help define oriented, trachytic fabric in parts of the rock. 4%.
* Quartz- Anh, with carb and epi, max gs 1000x300 µm. 1%.
* Pyrite- Scattered euhedra to 350-500 µm dia. May enclose gangue inclusions, and occur in carb-epi alteration. Smaller (<100 µm) crystals in groundmass may also be subh-euh. 1%.
* Fe oxides- Minute opaque oxides scattered in groundmass. Tr.

Texture; Parts of the rock preserve a crowded microporphyritic texture of oriented feldspars in a (?) devitrified glassy groundmass. Chlorite is an early alteration, which may be overprinted by later calcitic carbonate. Calcite also infills the strong patchy alteration to granular epidote. Some late hairline fractures which cut epidote are lined by calcite, so the overall paragenesis is chlorite, then epidote, then calcite.

Summary; Trachyte with chlorite plus strong calcite-epidote alteration.

Age; Archean

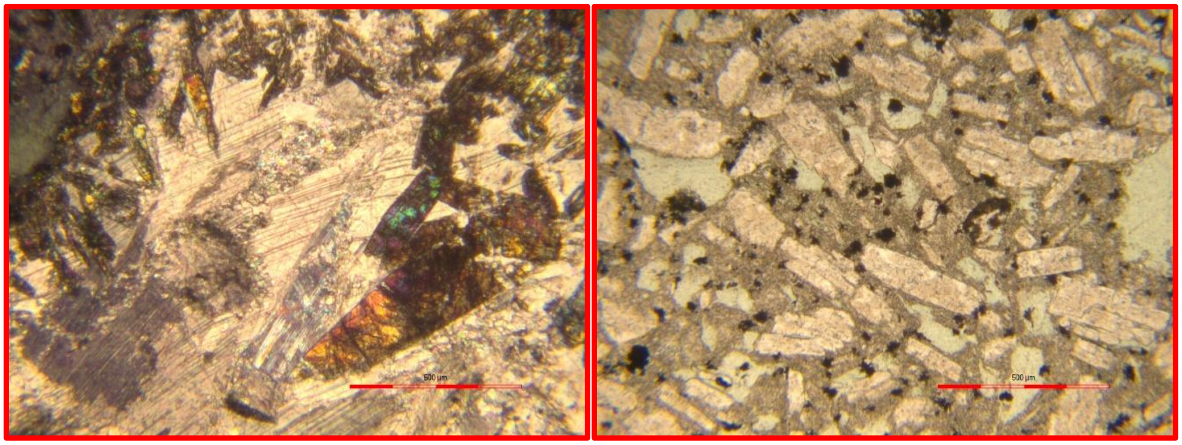


Figure 36. Left: Patchy alteration to prismatic epidote, with coarse interstitial calcite. Right: The host rock, showing directive fabric in feldspar laths. Cryptic, (?) devitrified glass groundmass is speckled with very fine-grained Fe oxides, plus small voids infilled by chlorite. Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL (left) and PPL-TL.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 30-8727: TM21-96-236.8 m** **Description ; 4017**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details; DDH (PTS, 8.0 cm^2).

Format ; PTS - 27 µm - by K.Tavener, Lakehead University
Hand specimen data ; A fgr, medium grey to pinkish rock with scattered epidote alteration. 1 offcut. Estimated mag-sus 0.071×10^{-3} SI units. Rapid eff in dil HCl, in disseminated calcite grains and hairline fractures.

Major Minerals;
* Sericitic pseudomorphs of plagioclase- Tabular pseudomorphs of abundant phenocrysts, apparently now all sericitic mica, presumed to be after plagioclase. Strong alteration: no relict feldspar noted. 65%.
* Epidote- Yl, high-relief granular phase, body colour tends to mask bright int colours. 12%.
* Chlorite- Mostly as abundant infillings of presumed vugs, the principal content of these features which also contain chalcedony ± calcite. Also uncommon pseudomorphs after (?) amphibole such as hornblende. Slightly pleo in greens, low relief and low 1st-o bir. Also found as matrix material between the altered feld phenocrysts. 12%.
* Chalcedony- Fine rims of colourless microcrystalline silica around the chloritic vug fillings. Low relief, low 1st-o bir. 7%.

Minor and Accessory Minerals (4%);
* Carbonate- Granular calcitic carb. 2%.
* Fe-Ti oxides- Irregular opaque grains, fgr, widely-scattered, low refl, poorly crystallized. Anh secondary oxide, found in chl matrix to feld phenocrysts. Better-polished domains to 30x25 µm are bluish-grey, possibly hematite. 2%.
* Pyrite- A few small grains assoc with chl and chalcedony. Max gs 120x80 µm (a triangular euh section). Rare Tr.

Texture; A crowded porphyry with subparallel alignment common in microphenocrysts that are now pseudomorphs of sericite ("pinite") after the presumed orignal, magmatic plagioclase feldspar. The chlorite (?) vugs in the epidote and oxide-darkened matrix, and which have thin chalcedony rims, were also noted in sample 24-8721 (hole TM21-95-244.9 m), a sample which also had prominent epidotization.

Summary; A sericite-epidote-chlorite -altered crowded feldspar porphyry, probably a minor intrusion, rather than a volcanic unit (?). Rounded to ovoid chlorite-filled structures with chalcedonic silica rims are presumed to be vug infillings.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
May 27, 2021

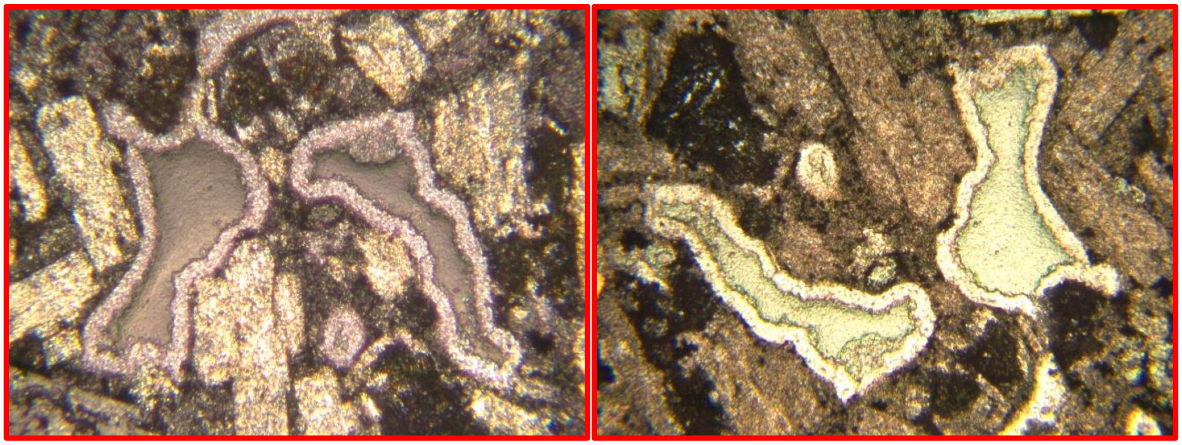


Figure 37. Two views of chlorite-filled (?) vugs lined by extremely fine-grained / microfibrous chalcedonic silica, in a groundmass darkened by granular epidote and fine-grained, poorly-crystallized Fe-Ti oxides, enclosing tabular microphenocrysts of sericitized (presumed) plagioclase feldspar. Photomicrographs in XP-TL (left) and PPL-TL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 31: TM21-95-110.8 m**	**Description ; 4018** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.0 cm^2).

Format ; PTS - 29 µm - by K.Tavener, Lakehead University
Hand specimen data ; Speckled rock with red and pale grn patchy alterations, cut by late calcitic fractures which also host trace pyrite. 1 offcut. Estimated mag-sus 0.194×10^{-3} SI units. Local rapid eff in dil HCl => calcitic carb.

Major Minerals;
* Feldspathic groundmass- The fgr matrix of the rock is reddened with presumed hematization (exsolution of Fe oxide from feldspar on a micron scale) and turbid with kaol. 60%.
* Chlorite- Abundant fgr flaky chl in groundmass. 15%.
* Epidote- High relief, strong yl body colour. 12%.
* Calcite- The carb may be quite cgr, to at least 2.6x1.2 mm. This carb is moderately deformed, and may enclose epi. Also minor late deformed veinlets which crosscut the rock, including earlier cgr carb. 8%.
* Actinolitic amphibole- Slightly incl ext, very pale grn and slightly pleo, as ragged laths that appear to comprise pseudomorphs after original ferromagnesian phenocrysts. May show oxidized rims. max gs at least 1.5x0.8 mm, 1.3x0.8 mm. 5%.

Minor and Accessory Minerals (Tr.);
* Pyrite- Mostly on calcite-filled fractures, anh and broken. Tr.
* Quartz- Anh clear qz, encloses epi prisms, rarely taking the role of calcite as a late infilling material. Tr.
* Fe oxides- Found in matrix, max gs 80x60 µm. In part, brownish-grey magnetite. Hematite appears to dominate in the reddened matrix, gs<10 µm. Tr.

Texture; Parts of the sample show a directive (trachytic) fabric of aligned feldspar laths in a reddened matrix. The latter, which may in part by the remants of devitrified glassy melt, is variably altered and reddened (hematite) with secondary chlorite and oxides. Ferromagnesian phenocrysts, magmatic silicates presumed to have crystallized prior to feldspar microphenocrysts, may have been hornblende or pyroxene: some have oxide-darkened rims, a primary feature in basaltic hornblende.

Summary; Hematized trachyte with chlorite, epidote and calcite alterations.
Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd

Jun 16, 2021

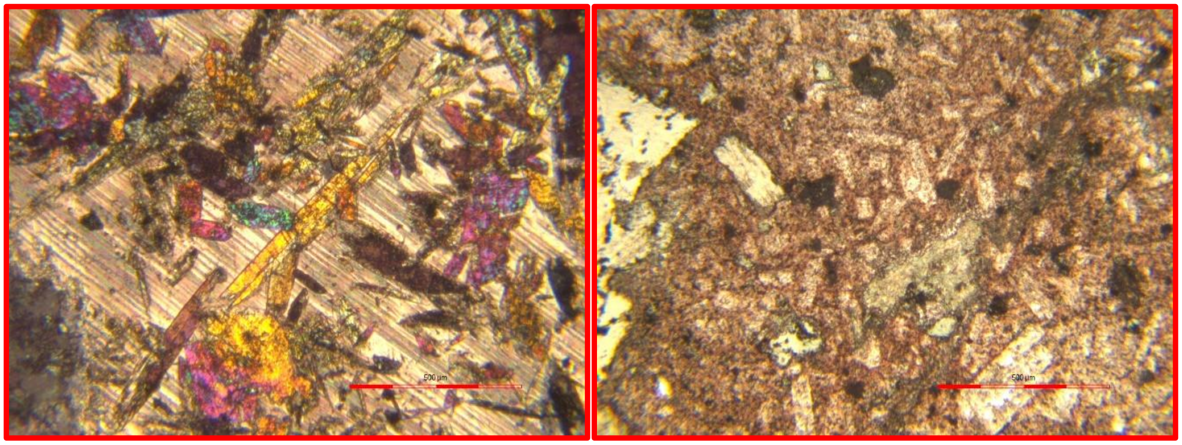


Figure 38. Left: Epidote-calcite alteration. Right: Hematized (reddened) host rock with feldspar microphenocrysts, the matrix dark and turbid by a combination of chlorite, sericite and kaolinite, and oxide (hematite). Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL (left) and PPL-TL.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 32: TM21-97-119.2 m
Description ; 4019
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.8 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; Patchy reddening of buff-coloured fgr rock. Fractures lined by extensive black tour plus lesser py and carb. 1 offcut. Estimated mag-sus 0.092×10^{-3} SI units. Rapid eff in dil HCl on veinlets (calcite) and slow eff in bulk (dolomitic carb?).

Major Minerals;
* Fine-grained groundmass- The matrix is extremely fgr, and appears to be sericite-rich, with lesser chl, carb, py and oxides. 50%.
* Tourmaline- Prismatic to acicular, often as radiating "tourmaline suns". Deep grn to pale yl-brn pleo, max absorption normal to polarizer. Fe-rich variety, schorl. Abundant, apparently developed on fractures that then had a second phase of activity, allowing late calcite veinlets to break through the hard but brittle tour. 10%.
* Plagioclase feldspar- Tabular microphenocrysts of albite- and simple-twinned microphenocrysts. Max gs at least 600x150 µm. 8%.
* Sericite- Patchy alteration with host rock, to masses of (apparently almost pure, which is unusual) scaly micron-scale mica flakes, pale 1st-o yl int colours due to small size. 8%.
* Pyrite- Subh, equant grains, max gs 2.8x2.4 mm, with inclusions of gangue, notably carb. Aggregates of smaller subh grains, to 1.8x1.0 mm. Also vfgr equant grains 5-20 µm, in groundmass. 8%.
* Carbonate in host rock- Scattered anh granular carb in matrix, slow acid reaction suggests possible dolomitic composition. 7%.
* Vein carbonate- Calcite in late fractures, thin veinlets that cut through the earlier aggregates of prismatic tour. 5%.

Minor and Accessory Minerals (4%);
* Chlorite- Grn sheet silicate, moderate relief, not appreciably pleo, low 1st-o bir, often intergrown with carb or as pressure shadows with qz on py. 2%.
* Quartz- Fibrous pressure shadows on py. Also anh granular qz with tour, max gs 200x200 µm. 2%.
* Fe oxides- Pale grey, feathery hematite flakes in matrix, to 60x25 µm. Tr.

Texture; A very fine-grained volcanic or hypabyssal rock with sparse plagioclase microphenocrysts in cryptic matrix affected by patchy sericitization and dolomitization. Pyrite found in bulk and on fractures, the larger, earlier crystals overgrown by pressure shadows on quartz and chlorite. Extensive development of radiating aggregates of prismatic schorl ("tourmaline suns"), cut by later calcite veinlets.

Summary; Sparsely porphyritic volcanic rock cut by episodes of alteration: early bulk sericitization and granular (?) dolomite, then pyrite, locally overgrown by tourmaline, which in turn is cut by late calcite.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 17, 2021

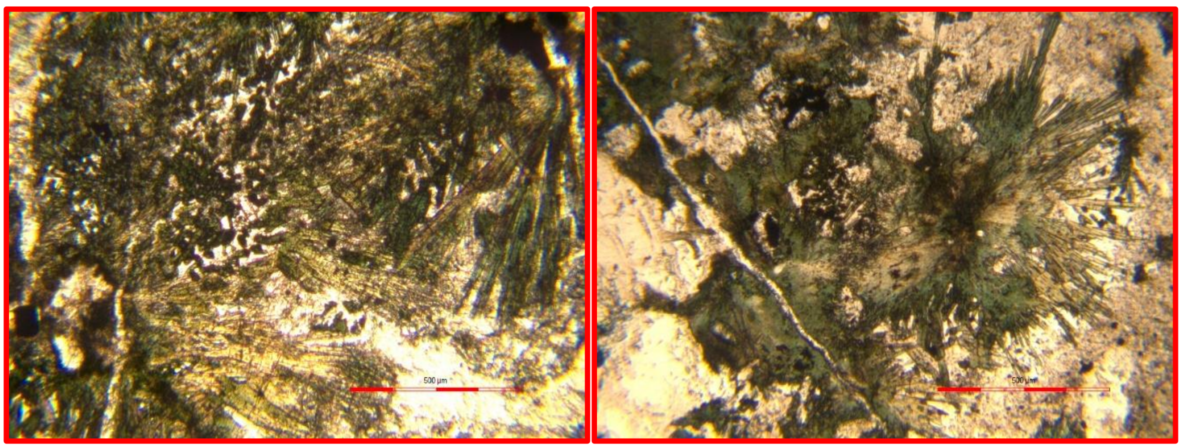


Figure 39. Two views of radiating aggregates of green tourmaline prisms, cut by late calcite veinlets. In the right-hand view, the "tourmaline suns" may grow into sericitized feldspathic matrix (at right), and interstices may be infilled by clear quartz (lower left). Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in PPL-TL.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 33: TM21-97-135.8 m Description ; 4020
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.4 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; A vfgr yl-brn rock with py both disseminated and developed along fractures. There are scattered mm-size dark (?) qz grains or clasts. 1 offcut. Estimated mag-sus $1.98x10^{-3}$ SI units, weak but definite response from pen magnet. Rapid eff in dil HCl, in bulk and on narrow veinlets.

Major Minerals;
* Fine-grained groundmass- Cryptic vfgr mixture of granular carb and qz, flakes of chl and ser, and oxides. Very few phenocrysts, though there are some plausible pseudomorphs, now either ser or silica. Roughly one quarter (i.e., 15% of the mode of the bulk rock) is mm-sized patches that may be EITHER vfgr flaky ser OR vfgr granular qz: these may be tiny clasts. 60%.
* Chlorite- Distinctly pleo grn chl with anomalous low 1st-o int colours: penninite. A few coarser flakes are plated onto the faces of py crystals. 15%.
* Carbonate- Granular, anh, vfgr calcitic carb scattered through groundmass. Traces may occur as fibres in pressure shadows on py. 8%.
* Pyrite- Generally irregular, esp the elongate masses along a qz-carb-py veinlet. Many gangue inclusions. Max gs 1.5x1.2 mm. Also smaller scattered euhedra, max gs at least 110x80 µm. 7%.
* Sericite- Some vfgr masses of ser are angular / tabular, presumed micaceous pseudomorphs of feld phenocrysts. Others may replace mm-sized clasts. 5%.

Minor and Accessory Minerals (5%);
* Quartz- Traces occur as fibres in pressure shadows on py crystal faces. Also with carb in veinlets. Notably, masses of vfgr silica (gs 5-20 µm) replace presumed feld phenocrysts as well as small presumed clasts in the matrix. 3%.
* Vein carbonate- Carb and qz-carb-py veinlets. Larger grains may show symm ext on rhombohedral cleavage traces. 1%.
* Fe oxides- Bundles of vfgr hematite in groundmass, 20 µm or smaller. Hem may also be concentrated in tabular, sericitic presumed replacements after feld. Euh magnetite identified, to 50 µm, in vfgr silica (which also hosts trace chalc). 1%.
* Chalcopyrite- Anh yl grains on faces of py crystals, max gs 70x50 µm. Also in qz-carb-chl gangue beside py crystals, and in vfgr patchy silica. Tr.

Texture; The very fine-grained matrix, with few recognizable phenocrysts, is consistent with an aphanitic precursor, such as a rapidly-cooled, crystal-poor extrusive rock.

Summary; A chloritized, pyritic, phenocryst-poor volcanic rock. There is patchy alteration of the groundmass, and of sparse presumed tabular phenocrysts and possible mm-sized rounded clasts, to either sericite or fine granular silica, a distinctive alteration in a matrix with broad chloritic and more patchy carbonate and silica alteration.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 18, 2021

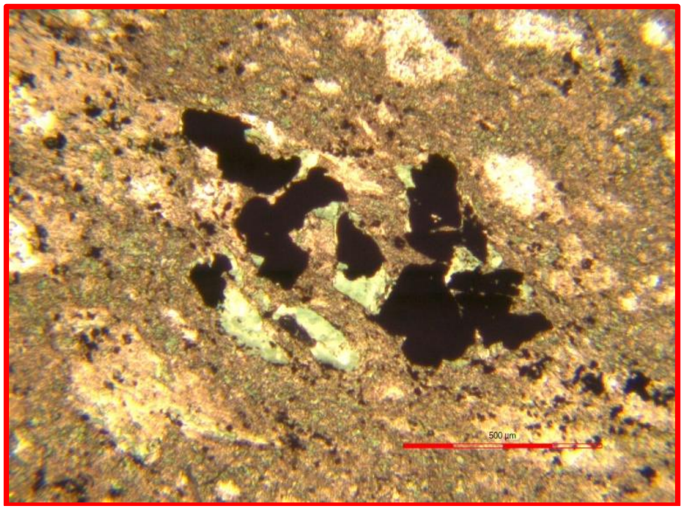


Figure 40. Fractured, irregular pyrite lies within a weak chloritic foliation, in very fine-grained groundmass which exhibits patchy replacements by sericite or fine granular silica. Photomicrograph at 50X nominal magnification, long-axis FOV 1.7 mm, in PPL-TL.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 34: TM21-97-145.5 m** **Description ; 4021**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.4 cm^2).

Format ; PTS - 30 µm - by K.Tavener, Lakehead University
Hand specimen data ; Black rock with patchy pale grn alteration assoc with py (not epidote). 1 offcut. Estimated mag-sus 0.662×10^{-3} SI units. Sparse rapid eff in dil HCl on rare calcite granules along a fracture.

Major Minerals;
* Groundmass- Extremely fgr matrix of rock, apparently largely a dense-packed mix of ser, chl and oxides. 65%.
* Sericite- very intense, and in places relatively coarse white mica alterationFeld microphenocrysts are 100% altered to sericite. Pseudomorphs to 900x500 µm or more. No relict feldspars seen. Mostly typical vfgr ser, but pseudomorphs can be larger flakes with brighter int colours. Some of the coarser material shows a faint but definite pale grn to colourless pleo. 20%.
* Chlorite- Pale grn sheet silicate, mostly with ser in the vfgr groundmass, which is hard to characterize. Traces of coarser flakes may be plated onto py crystal faces. 9%.
* Pyrite- Equant, may be subh, mostly anh and very embayed with gangue. 5%.

Minor and Accessory Minerals (1%);
* Fe oxides- Mostly vfgr anh opaque material in the groundmass, probably mag plus hem, max gs 20x15 µm. 1%.
* Calcite- Trace detected in offcut on late fracture. Tr.
* Quartz- Traces seen, as along fractures with py. Tr.

Texture; Paler clasts are present in a darker matrix. There is intense sericite-pyrite alteration. Coarser white mica is present here than in most of the suite: this mica replaces some (presumed) feldspar phenocrysts, and also forms pressure shadows normal to pyrite crystal faces. Alteration around the irregular pyrite crystals is a very fine-grained mix of sericite and chlorite, the latter inferred to be the pale-green colouring agent.

Summary; A presumed trachyte autobreccia with intense sericitization, chlorite in matrix, and pyrite overprint.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 19, 2021

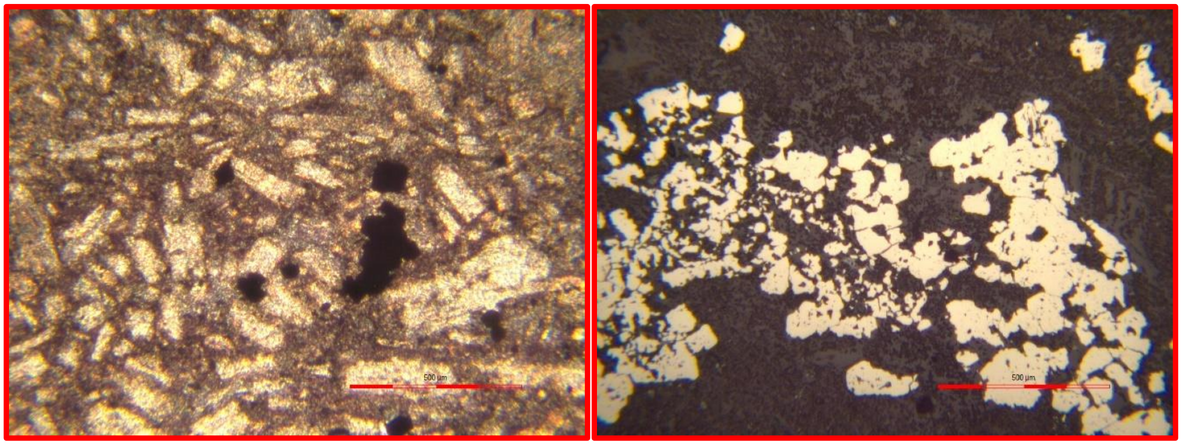


Figure 41. Left: Trachytic groundmass and microphenocrysts, plus scattered pyrite. Right: Typical anhedral, embayed pyrite. Photomicrographs in XP-TL and (right) PPL-RL, 50X nominal magnification, long-axis FOV 1.7 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 35: TM21-97-152.0 m**	**Description ; 4022** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.4 cm^2).

Format ; PTS - 25 μm - by K.Tavener, Lakehead University
Hand specimen data ; Very pale brownish-white rock speckled with black phenocrysts. Trace py on fractures. One corner of PTS is a granular aphanitic lithology in sharp contact with porphyritic rock. 1 offcut. Estimated mag-sus 0.081×10^{-3} SI units. Rapid eff in dil HCl, esp on fractures, also in host rock.

Major Minerals;
* Fine groundmass- A vfgr matrix apparently dominated by sericite plus disseminated vfgr py, carb and trace oxides. 80%.
* Plagioclase feldspar- Tabular, very small microphenocrysts, albite-twinned, in part preserved in irregular py masses. Part sericitized, may also be overprinted by fgr py. 6%.
* Chlorite- The dark specks in hand specimen are evidently pseudomorphs of chl replacing primary ferromagnesian phenocrysts. 5%.
* Calcite- Disseminated fgr calcitic granular carb. Also in minor granular veinlets with minor qz, in which one crystal may span the fracture. Colourless, clear, symm ext on cleavage races. Also a cross-fibre veinlet 1.2 mm wide. 5%.

Minor and Accessory Minerals (4%);
* Pyrite- Anh sulphide with many gangue inclusions. Max gs 1.2x0.8 mm. Disseminated, very variable gs, overgrows relict feld phenocrysts. 3%.
* Fe oxides- Very low refl. Either takes poor polish or more likely, is so fgr that the opaque grains are often in the PTS below the surface. Mostly irregular hematite, gs 30x15 μm or less. 1%.
* Quartz- Clear anh grains in calcite veinlets, max gs 500x250 μm, 450x180 μm. Tr.

Texture; The fine-grained lithology, some 20% of offcut and polished section, is a phenocryst-poor equivalent of the more porphyritic mass of the small sample. The two rocks are in sharp contact and this is probably a partial view of a breccia. There are infilled fractures. An early granular quartz-calcite veinlet is truncated by a chloritic parting. A separate calcite vein shows cross-fibre structure, and is over 1 mm wide in plane of section.

Summary; A fine-grained volcanic rock with chloritized ferromagnesian phenocrysts and tabular feldspar microphenocrysts. There is a chlorite- calcite- pyrite overprint.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd, TO
Jun 19, 2021

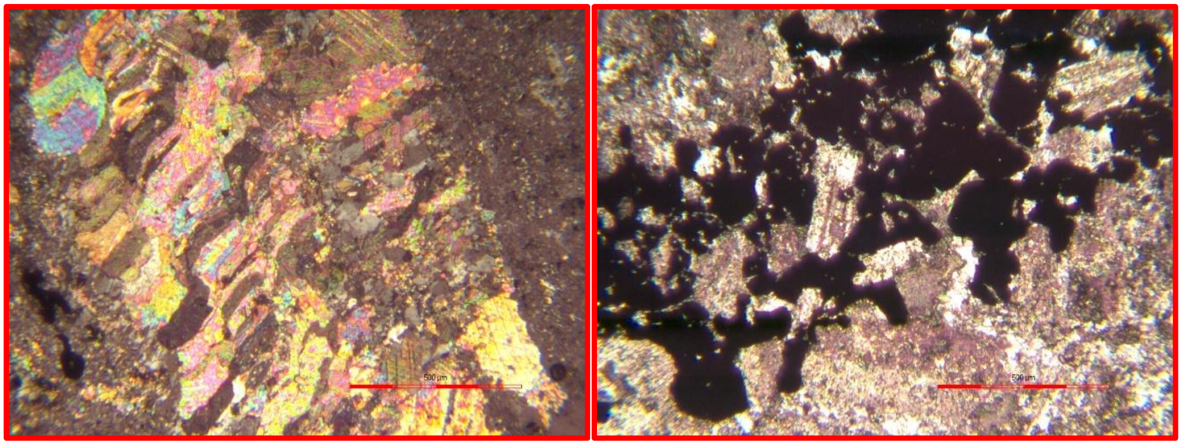


Figure 42. Left: cross-fibre calcite vein cuts fine-grained host rock. Right: Mass of anhedral pyrite encloses small, albite-twinned, tabular microphenocrysts of albite-twinned plagioclase feldspar. Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL.

TURNSTONE PETROGRAPHIC DESCRIPTION Status; CONFIDENTIAL

Sample ; 36: TM21-97-211.2 m

Description ; 4023
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.9 cm^2).

Format ; PTS - 27 µm - by K.Tavener, Lakehead University
Hand specimen data ; Pale buff rock with ghostlike darker (?) clasts that are relatively enriched in py. 1 offcut. Estimated mag-sus $0.044x10^{-3}$ SI units. Widespread intense eff in dil HCl => abundant calcite.

Major Minerals;
* Trachytic groundmass- Partially sericitized trachytic groundmass with abundant ill-defined (?) K-feld laths with kaol and ser alteration. Matrix crowded with small feld laths, some are plag but the majority K-feld (?). Variable alteration to ser, chl, carb and oxides. 60%.
* Chlorite- Patchy alteration of groundmass. Anh granular carb often enclosed by patches of flaky chl. LF, str ext, variety ripidolite. 12%.
* Calcite- Clear, relatively cgr calcite, enveloping anh py. Also anh, fgr granular carb in groundmass, and minor deformed crystals in thin veinlets. 12%.
* Pyrite- Generally anh, to 1.6x1.2 mm. Often forms lines of grains along cryuptic fracture planes. Contains gangue inclusions plus traces of chalc and pyrr. 10%.

Minor and Accessory Minerals (6%);
* Plagioclase microphenocrysts- The fgr matrix hosts relatively larger laths of plag, max gs at least 600x300 µm. 3%.
* Quartz- Vein qz occurs with py and carb. Relatively cgr and strained in veins, max gs 2.2x1.2 mm. Darkened with tiny inclusions. Minor patches of vfgr secondary silica found in host rock. 2%.
* Fe oxides- Anh, fgr low-refl flakes in groundmass. 1%.
* Tourmaline- High relief prisms, dark grn to pale brn pleo, max absorption normal to polarizer. LF, str ext. Found in groundmass, max gs 500x150 µm. Tr.
* Chalcopyrite- Rounded to angular blebs of yl sulphide, max size 75x50 µm, in relatively cgr anh py. Tr.
* Pyrrhotite- Rounded inclusions to 70x50 µm in coarse py, either 1-phase or rarely in 2-phase inclusions with chalc. Tr.

Texture; The dark pyritic clasts are darkened by higher chlorite content. There is patchy alteration to sericite,chlorite, calcite and (rarely) silica. Very minor quartz and carbonate pressure shadows occur on pyrite.

Summary; Trachyte with sericite- calcite- pyrite alteration, and relict chlorite- and pyrite-rich clasts.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 20, 2021

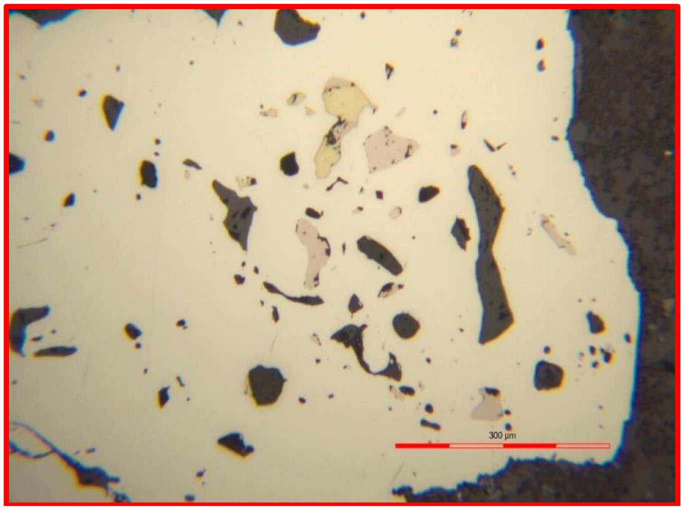


Figure 43. Detail of a coarse, anhedral pyrite crystal, in a matrix dominated by calcite and sericite, displays a variety of small, rounded inclusions. Besides gangue minerals, yellow chalcopyrite and pale pinkish pyrrhotite can be seen. Note one two-phase elongate inclusion (upper, centre) composed of both these trace sulphide species. Photomicrograph in PPL-RL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 37: TM21-97-234.8 m** **Description ; 4024**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.7 cm^2).

Format ; PTS - 29 µm - by K.Tavener, Lakehead University
Hand specimen data ; Fragmental rock divided *circa* 50:50 between cm-scale dark subrounded fragments (clasts) with fgr py and thin pale rims, and a pale pink to white matrix of fine silica, with a few coarser py grains. Estimated mag-sus $0.070x10^{-3}$ SI units. Rapid eff in dil HCl, esp on pale rims of clasts.

Major Minerals;
* Trachyte clasts- The cm-scale clasts display a directive texture of feathery K-feld laths. There is alteration to fgr carb, py and oxide. The thin, pale margins of the clasts are decorated with concentrations of qz and carb (which are somewhat coarser than the silica on the cement and carb within the clasts). The K-feld is variably sericitized, usually only 100-200 µm long, interstices rich in chl and darkened by oxide. 47%.
* Fine silica matrix- Cement to the clasts is mostly a vfgr silica, gs 10 µm. Quite pure qz, with minor granular carb. Against a few included calcite grains, the qz is somewhat coarser, to 50 µm. As noted above, the silica is also slightly coarser against the rims of the clasts. 38%.
* Calcite- A few relatively cgr, unstrained grains showing rhombohedral cleavage occur in the silica cement, max gs 900x400 µm. Fgr anh carb grains also occur in both the cement and esp in the trachyte and the clast margins. 8%.
* Pyrite- Aggregates to 1.6x0.9 mm, but commonly as fgr (20-300 µm) subh-euh crystals in the trachyte clasts. Disseminated in the clasts, and also decorating fractures that cut the clasts. 5%.

Minor and Accessory Minerals (2%);
* Plagioclase feldspar- Tabular microphenocrysts to 1200x500 µm, albite-twinned, somewhat sericitized. 1%.
* Chlorite- Grn rupidolite plated on sparse py in the fgr silica cement. 1%. * Fe oxides- Tiny (max gs 50x10 µm) grains and flakes in trachyte. Tr.
* Pyrrhotite- Pale pinkish inclusions to 10 µm, hosted by py. Rare Tr.

Texture; Distinctive breccia with subrounded clasts of pyritic trachyte, displaying pale rims rich in coarser quartz and calcite, in a cement of very fine-grained, rather pure silica with traces of calcite and pyrite.

Summary; A brecciated trachyte, unusually cemented by fine-grained silica.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 21, 2021

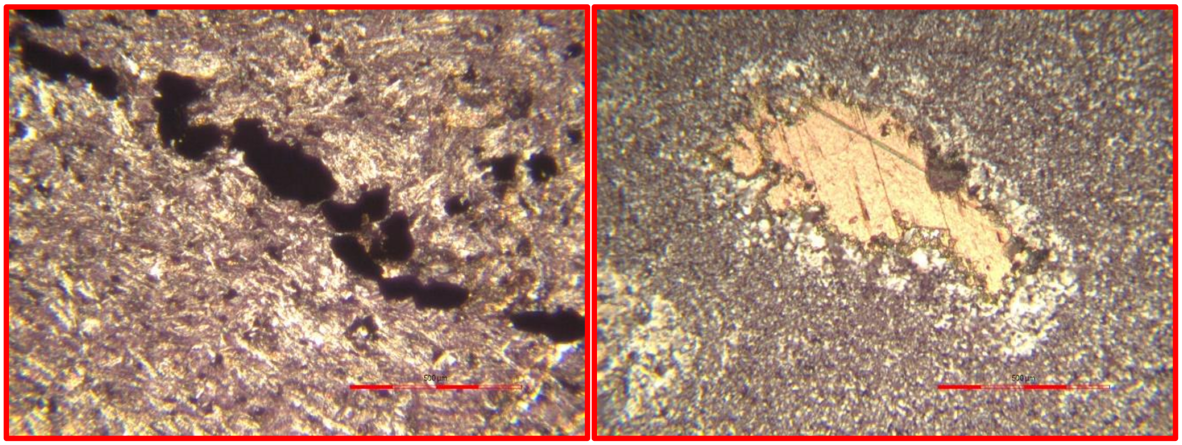


Figure 44. Left: Trachytic groundmass of a volcanic clast cut by pyrite-lined fracture. Right: Coarse calcite in the fine-grained silica cement. Note coarsening of the silica toward the cleaved, unstrained calcite (coarsening seen also against enclosed trachyte clasts, not shown). Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 38: TM21-97-236.4 m** **Description ; 4025**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.8 cm^2).

Format ; PTS - 27 µm - by K.Tavener, Lakehead University
Hand specimen data ; A vfgr pinkish-grey to medium-grey rock, containing abundant fgr py. 1 offcut. Estimated mag-sus $0.083x10^{-3}$ SI units. Some calcite, showing rapid eff in dil HCl, esp on fractures.

Major Minerals;
* Trachytic matrix- Sericitized, vfgr feldspathic groundmass. Poorly defined, subparallel feld laths with ser alteration: K-feld plus minor albite-twinned plag. Feld gs (length) generally <250 µm. Interstices contain chl and other minerals. 67%.
* Pyrite- Abundant anh sulphide, variable gs, many inclusions and embayments of gangue minerals. Mostly fgr, 10-150 µm, subh to irregular form. 12%.
* Chlorite- Very pale grn flakes, low relief and bir, between feldspars in matrix, variable distribution in rock. 12%.
* Carbonate- Patchy granular carb alteration in groundmass, and moderately deformed, coarse carb grains along veinlets. 5%.

Minor and Accessory Minerals (4%);
* Epidote (ferrian zoisite)- Granular high-relief phase, yl body colour, mid-1st-o int colours mostly obscured by combination of fine gs, body colour and relief. Often plating py. LS, str ext on stubby prisms. Fine granular masses to at least 700x350 µm. 2%.
* Tourmaline- Deep grn to paleyl-brn pleo, max absorption normal to polarizer. LF, str ext. Found largely on fractures, cf. widespread py and carb. Prisms to 250x120 µm. 1%.
* Fe oxides- Grey in RL, opaque or nearly so, irregular, found in matrix. Some equant magnetite to 50x25 µm but mostly pale hematite. 1%.

Texture; A sericitized, fine-grained and essentially aphanitic trachyte with widespread fine-grained pyrite and calcite. A partial paragenesis is pyrite- epidote- chlorite- tourmaline.

Summary; Fine-grained trachyte subject to strong pyrite-chlorite alteration.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 21, 2021

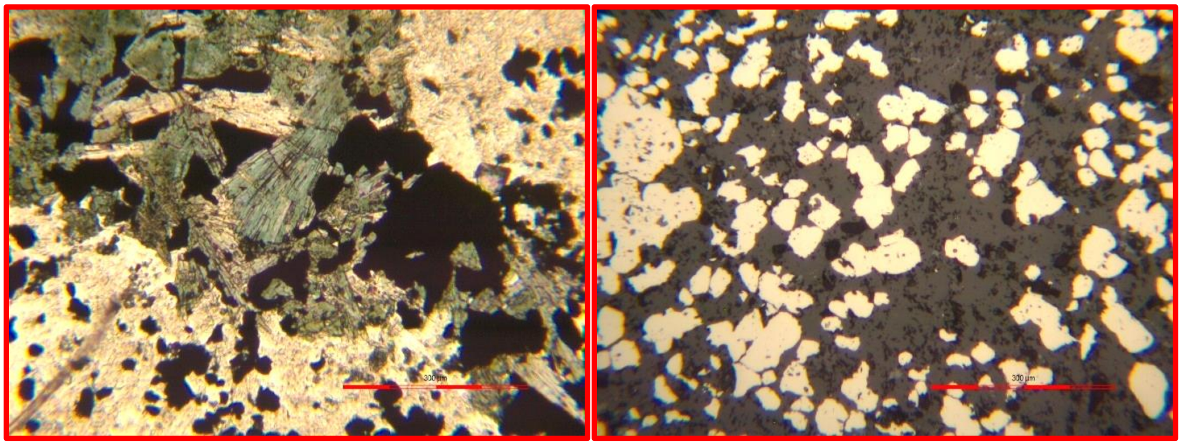


Figure 45. Left: Green tourmaline prisms and irregular pyrite crystals lining fracture. Right: Abundant grains of irregular fine-grained pyrite in sericitized feldspathic groundmass. Photomicrographs in PPL-TL and (right) PPL-RL, 100X nominal magnification, long-axis FOV 0.9 mm.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 39: TM21-97-273.3 m**	**Description ; 4026** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 8.2 cm^2).

Format ; PTS - 26 µm - by K.Tavener, Lakehead University
Hand specimen data ; Dark grey-grn granular rock with a wide fracture filling (or void fill, the cement of a breccia?) rich in (?) dense waxy grn chl and relatively cgr py. The (?) clasts have thin pale rims. 1 offcut. Estimated mag-sus $0.155x10^{-3}$ SI units. Abundant calcite => much rapid eff in dil HCl.

Major Minerals;
* Porphyritic groundmass- The bulk rock (clasts) is a fgr chloritic material with ghost-like pale outlines of sericitized feld phenocrysts, max gs 1.8x1.2, 3.0x0.7mm. The feld is sericitized, with fractures infilled by chl. 50%.
* Carbonate- Finely granular anh calcitic carb, dispersed through the rock. 20%.
* Chlorite- Masses of vfgr grn flakes of chl variety ripidolite. 16%.
* Pyrite- The pale yl sulphide is fgr in the host rok / clasts, but coarser in the void fill / breccia cement. Mostly anh, broken, of variable gs. Lines minor fractures. A few euh sections in the cement, max gs 250x230 µm. 12%.

Minor and Accessory Minerals (2%);
* Quartz- Mostly in cement, esp near the coarser py, and somewhat strained. 1%.
* Fe oxides- Irregular, fgr opaque phase(s) in the clasts, hematite, mostly vfgr and so poorly polished. 1%.
* Pyrrhotite- Tiny inclusions in subh-euh py, pale pinkish, max gs 15x5 µm. Rare Tr.
* Chalcopyrite- Like pyrr, minute inclusions in py, max gs 10x5 µm. Rare Tr.

Texture; Assuming this is a breccia, as suspected, then the host rock (clasts) is composed of a fine-grained porphyry (or porphyritic volcanic rock) with sericitized feldspar phenocrysts in matrix dominated by chlorite and calcite, pyrite and minor oxide. The cement to the clasts is fine-grained chlorite with fine granular calcite, pyrite, and trace quartz. The flaky chlorite locally appears as rounded, single-phase (?) vesicle fillings. Both host rock (clasts) and cement are cut by thin fractures lined by calcite.

Summary; Brecciated sparse feldspar porphyry with sericitization and overprinting of calcite- chlorite- pyrite alteration.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd

Jun 22, 2021

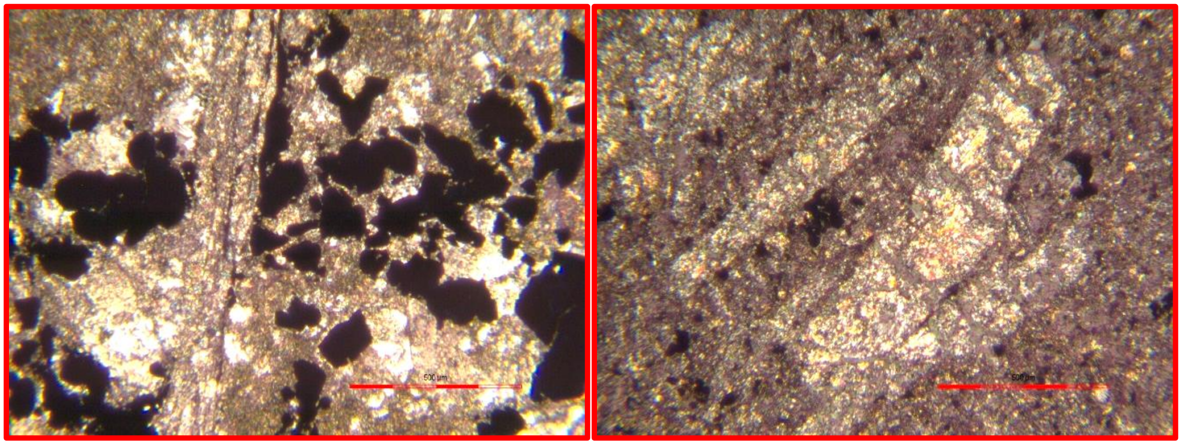


Figure 46. Left: The void fill (suspected breccia cement) is composed of carbonate, chlorite and quartz, plus abundant pyrite, cut by late carbonate-lined fracture. Right: Sericitized feldspar phenocrysts in chloritic groundmass (host rock, or clasts in breccia) with minor medium-grained pyrite and fine-grained oxides. Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample **; 40: TM21-97-312.4 m** **Description ; 4027**
TGSL Project; 2021-05

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.7 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; Speckled buff to grey rock with disseminated py. 1 offcut. Estimated mag-sus $0.065x10^{-3}$ SI units. No eff in dil HCl.

Major Minerals;
* Groundmass- Locally trachytic, directive fabric with aligned feld microphenocrysts in a vfgr matrix of chl and vfgr silica, plus minor carb and oxide. 72%.
* Chlorite- Very pale grn, low relief, very low 1st-o bir, with py and carb. Also minor tabular (?) pseudomorphs after precursor ferromagnesian microphenocrysts, to 600x400 µm. 12%.
* Pyrite- Disseminated py, and a trace along fractures. Subh-anh with small gangue inclusions. Larger crystals, max gs at least 600x300 µm, 500x500 µm, are esp irregular in form. In contrast, smaller py (<100 µm) may be equant and subh. 7%.
* Plagioclase feldspar- Tabular albite-twinned microphenocrysts, may exhibit minor brittle deformation (twin planes may be broken). Max gs at least 1000x250 µm, with moderate ser- kaol- carb alteration. 5%.

Minor and Accessory Minerals (4%);
* Carbonate- Mostly on hairline veinlets, and minor disseminated granules. Found with chl and py. 3%.
* Quartz- Minor fibrous qz pressure shadows on py. 1%.
* Tourmaline- Radiating prisms, overgrowing feld laths, and in part intergrown with py. Tr.
* Fe oxides- Very minor opaque grains, both magnetite euhedra to 60x50 µm and platy vfgr hematite. Tr.

Texture; A sparsely feldspar- porphyritic hypabyssal or volcanic rock, with chlorite-pyrite overprint. There is minor late deformation, as seen in a) microfractures in plagioclase phenocrysts, b) thin carbonate veinlets, and c) small quartz pressure shadows on pyrite.

Summary; A sparse porphyry or trachyte with chlorite-pyrite alteration, minor carbonate (ankerite?) veining, and accessory quartz and tourmaline.

Age; Archean
Petrography; GCW, Turnstone Geological Services Ltd
Jun 22, 2021

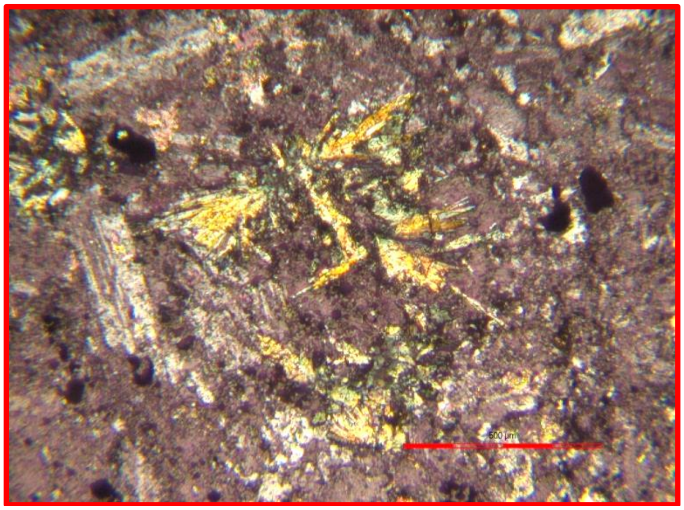


Figure 47. A relatively large spray of tourmaline prisms (yellow interference colour) in chloritized feldspathic matrix, showing albite-twinned plagioclase laths, as at left. Photomicrograph at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL.

TURNSTONE **PETROGRAPHIC DESCRIPTION** **Status; CONFIDENTIAL**

Sample	**; 41: TM21-97-345.0 m**	**Description ; 4028** **TGSL Project; 2021-05**

Client/job ; White Metal Resources, Thunder Bay
Locality ; Tower Mountain gold property, Northwest Ontario, Canada - Tower Mountain intrusive complex, Shebandowan greenstone belt, 40 km west of Thunder Bay.

Collection details ; DDH (PTS, 7.6 cm^2).

Format ; PTS - 28 µm - by K.Tavener, Lakehead University
Hand specimen data ; Dark speckled buff to grey-grn rock (in TL, the dark specks are revealed to be amph phenocrysts). 1 offcut. Estimated mag-sus $0.100x10^{-3}$ SI units. Rapid eff in dil HCl limited to trace calcite along pyritic fractures.

Major Minerals;
* Groundmass- The porphyritic bulk of the rock consists of feld microphenocrysts (qv) in a fgr matrix of chl, ser and oxides, with minute oxide grains darkening the rims of the abundant feld laths. 65%.
* Plagioclase feldspar+alteration products- Abundant sub-mm tabular feld laths, pale due to heavy sericitic alteration. 15%.
* Pyrite- Found across the bulk as many small subh crystals, circa 10-200 µm in dia. Also found in a veinlet as relatively coarse irregular masses, to 3.0x1.2 mm. 10%.
* Actinolitic amphibole- Stubby prisms of pale bl-grn to colourless pleo amph, of inferred actinolitic composition, max gs at least 900x250 µm. Often displays simple twinning. 8%.

Minor and Accessory Minerals (2%);
* Carbonate- Scattered anh carb grains along pyritic fractures, acid reaction indicative of calcitic composition. 1%.
* Fe oxides- The secondary oxide occurs as typically vfgr, irregular opaque grains and flakes, likely mostly hematite. 1%.
* Epidote- Granular, high relief, bright int colours, yl hue, in part intergrown with py. Tr.

Texture; A trachytic volcanic rock with abundant silicate microphenocrysts. The latter are largely plagioclase feldspar, but also a darker amphibole. This actinolite is not a primary magmatic phenocryst phase, like plagioclase feldspar, but rather is considered a secondary amphibole formed by alteration of a primary ferromagnesian mineral such as a pyroxene. There is abundant cryptic alteration (chlorite, sericite, oxides in groundmass, and disseminated pyrite) though little carbonate nor silica.

Summary; Speckled porphyritic (trachytic) volcanic rock with relict feldspar and pyroxene (now amphibole) microphenocrysts, and significant alteration to disseminated and fracture-hosted pyrite.

Age; Archean

Petrography; GCW, Turnstone Geological Services Ltd
Jun 23, 2021

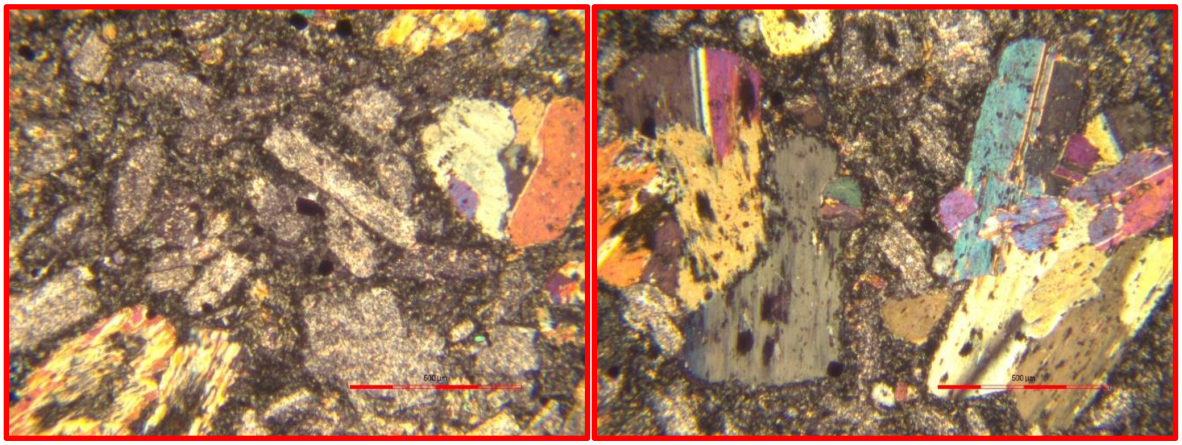


Figure 48. Left: Numerous tabular laths of sericitized feldspar, between amphibole prisms to lower left and upper right. Right: Clumps of stubby prisms of amphibole, in some cases simple-twinned. Photomicrographs at 50X nominal magnification, long-axis FOV 1.7 mm, in XP-TL.

CERTIFICATE AND CONSENT

To Accompany the Independent Technical Report on the Mineralogy of the Tower Mountain Gold Property, Ontario (Part 2)

I, Graham C. Wilson, residing at 47 Pellissier Street South in Campbellford, Ontario, do hereby certify that:

1) I am a self-employed consulting geologist with an office at 47 Pellissier Street South, Campbellford, Ontario, Canada;

2) I am a graduate of the University of Oxford with a B.A.(Hons.) degree (Dept. of Geology and Mineralogy, 1976). I obtained a PhD from the University of Cambridge (Dept. of Mineralogy and Petrology) in 1981. I have practised my profession continuously since 1981;

3) I am a fellow of the Geological Association of Canada (1986), the Geological Society of India (1996), and the Association of Applied Geochemists (1998), and a Professional Geoscientist registered with the Association of Professional Geoscientists of the Province of Ontario (No. 0623, 2002);

4) I have not received, nor do I expect to receive, any financial interest, directly or indirectly, in the client company, nor in the localities and mineral properties where the samples were collected;

5) I am not aware of any material fact or material change with respect to the subject matter of the technical report, which is not reflected in the technical report, the omission to disclose which makes the technical report misleading;

6) I have authored all the sections of this report;

7) I have personally conducted mineralogical research on the samples supplied by the client and described in this report;

8) I was retained by **Brett LaPeare**, on behalf of **White Metal Resources,** to prepare an independent report on the host-rock types of mineralization on the Tower Mountain gold property. This report, number **2021-05P**, is based on my work, on material from the files of my research company, Turnstone Geological Services Limited, and on discussions with the client;

Campbellford, Ontario, Canada
June 30th ,2021

Graham C. Wilson, PhD, P.Geo.

=== Notes ===

About the author: *Geologist and mineralogist Graham Wilson holds a B.A. (Hons.) from the Dept. of Geology and Mineralogy, University of Oxford, and a Ph.D. from the Dept. of Mineralogy and Petrology, University of Cambridge. He is a practising professional geoscientist in Ontario (P.Geo, APGO member 0623, 2002) and a fellow of the Geological Association of Canada (1986), the Geological Society of India (1996), and the Association of Applied (Exploration) Geochemists (1998). Member of the Association of Geoscientists for International Development, Meteoritical Society, Mineralogical Association of Canada, Ontario Prospectors Association, Prospectors and Developers Association of Canada, and Society of Economic Geologists. He was for many years a Research Associate of the IsoTrace Laboratory of the University of Toronto. Secretary of the Meteoritics and Impacts Advisory Committee to the Canadian Space Agency (2002-2006). He has developed his own Earth-science databases since 1983, and continues this work via his wholly-owned, federally-incorporated company, Turnstone Geological Services Ltd. (incorp. 1985). Author or co-author of some 750 reports, papers and abstracts, including roughly 500 reports in the Turnstone series and 40 articles in refereed journals.*

See also:
http://www.turnstone.ca/

APPENDICES:

TABLE 1 – SUMMARY of TENTATIVE ROCK NAMES

TABLE 2 – MODAL MINERALOGY (2pp.)

GLOSSARY (6pp.)

TABLE 1. SUMMARY OF THE SAMPLES, REPORTS 2021-03 AND 2021-05

Descr.	*Sample*	*Tentative rock name*	*Date*
3977	BL-01 / 1022539	Hydrothermal breccia (monzonite)	Jan 26
3978	BL-02 / 878498	Hydrothermal breccia (syenite)	Jan 29
3979	BL-03 / (N/A)	Syenite	Jan 29
3980	BL-04 / 1022733	Syenite	Jan 28
3981	BL-05 / 1022633	Feldspar porphyry	Jan 28
3982	BL-06 / 1022629	Sericitized intermediate volcanic	Jan 29
3983	BL-07 / 1022635	Intermediate volcanic w tourmaline-pyrite	Jan 30
3984	BL-08 / 1022711	Altered feldspar porphyry	Jan 31
3985	BL-09 / 878195	Tourmaline-rich breccia	Jan 31
3986	BL-10 / (N/A)	Altered intermediate volcanic	Jan 31
3987	BL-11 / (N/A)	Altered intermediate volcanic	Jan 31
3988	01-8693: TM21-88-016.3 m	Reddened magnetic porphyry (lamprophyre?)	May 17
3989	02-8694: TM21-88-109.2 m	Apatite-magnetite clasts (polymict breccia)	May 29
3990	03-8696: TM21-88-171.3 m	Coarse trachyte	May 30
3991	04-8697: TM21-89-050.4 m	Hematized trachyte, CAL-CHL-SER-OX altered	May 31
3992	05-8698: TM21-89-100.0 m	Hematized trachyte, CAL-OX-PY-CHL altered	Jun 1
3993	06-8700: TM21-89-106.8 m	Sericitized oxide-bearing trachyte	Jun 2
3994	07-8701: TM21-90-382.6 m	Feldsparphyric andesite	May 18
3995	08-8703: TM21-91-101.1 m	Brecciated syenite,quartz-tourmaline cement	May 19
3996	09-8704: TM21-92-074.1 m	Finely-milled (?) volcanic breccia	May 20
3997	10-8705: TM21-92-100.6 m	Trachytic intrusive, CHL-PY-ANK-SER altered	Jun 4
3998	11-8706: TM21-92-162.7 m	Crowded amphibole-plagioclase porphyry	May 20
3999	12-8707: TM21-93-010.4 m	Trachyte breccia with carbonatized clasts	Jun 6
4000	13-8708: TM21-93-243.3 m	Trachyte / pxite breccia, CAL-PY-ACT-alt.	Jun 7
4001	14-8710: TM21-93-143.7 m	Pyritic trachyte with siltstone clast	May 25
4002	15-8711: TM21-94-013.9 m	Breccia with chlorite-quartz-pyrite clast	May 12
4003	16-8712: TM21-94-074.8 m	Pyritized trachyte with "syenite" clast	May 13
4004	17-8713: TM21-94-112.8 m	Sericitized feldspar porphyry breccia	May 16
4005	18-8714: TM21-94-202.5 m	Oxidized trachyte with strong CHL-CAL alt.	Jun 7
4006	19-8716: TM21-95-009.6 m	Hematized trachyte with complex alteration	May 14
4007	20-8717: TM21-95-142.7 m	Autobrecciated trachyte with PY-CAL-CHL alt	Jun 8
4008	21-8718: TM21-95-148.3 m	Autobrecciated trachyte, DOL + CHL-PY alts.	Jun 9
4009	22-8719: TM21-95-166.3 m	Hematized trachyte breccia+"basalt" clasts	May 14
4010	23-8720: TM21-95-174.7 m	Trachyte with epidotized (?) clasts	Jun 9
4011	24-8721: TM21-95-244.9 m	Epidote-,chlorite-altered feldspar porphyry	May 26
4012	25-8722: TM21-96-101.3 m	Hematized, pyritized trachyte	Jun 12
4013	26-8723: TM21-96-122.5 m	Trachyte autobreccia	Jun 13
4014	27-8724: TM21-96-142.8 m	Epidote-calcite clasts in trachyte	Jun 14
4015	28-8725: TM21-96-157.3 m	Trachyte with CHL-EPI-CAL alt.	Jun 16
4016	29-8726: TM21-96-198.2 m	Trachyte with EPI-CAL-CHL alt.	Jun 16
4017	30-8727: TM21-96-236.8 m	SER-EPI-CHL-altered feldspar porphyry	May 27
4018	31: TM21-95-110.8 m	Hematized trachyte with CHL-EPI-CAL alt.	Jun 16
4019	32: TM21-97-119.2 m	Volcanic rock with SER-DOL-PY-TOUR-CAL alt.	Jun 17
4020	33: TM21-97-135.8 m	Chloritized pyritic volcanic rock	Jun 18
4021	34: TM21-97-145.5 m	Trachyte autobreccia + intense SER-PY alt.	Jun 19
4022	35: TM21-97-152.0 m	Fine-grained volcanic, CHL-CAL-PY overprint	Jun 19
4023	36: TM21-97-211.2 m	Trachyte, SER-CAL-PY alt, chloritic clasts	Jun 20
4024	37: TM21-97-234.8 m	Trachyte breccia with silica cement	Jun 21
4025	38: TM21-97-236.4 m	Trachyte subject to strong PY-CHL alt.	Jun 21
4026	39: TM21-97-273.3 m	Brecciated porphyry with CAL-CHL-PY alt.	Jun 22
4027	40: TM21-97-312.4 m	Sparse porphyry / trachyte with CHL-PY alt.	Jun 22
4028	41: TM21-97-345.0 m	Pyritized porphyritic trachyte	Jun 23

Table 2. MODAL MINERALOGY, TOWER MOUNTAIN, NORTHWEST ONTARIO

Turnstone Report 2021-03,05P - mode master copy

Graham Wilson, 27 June 2021

on behalf of

White Metal Resources Corp.

Visual estimates - see individual numbered rock descriptions for further details.

Note that occurrences are "lumped"

N.B. "0" = trace, i.e., present, but <<1 area % of section

Descr.	Sample, number TS---	Drill core - hole and intersection (metres)	Summary identification	Misc. matrix (groundmass) & clasts — Fine-grained material, includes sheet silicates, K-feldspars ± plag, likely devitrified glass, chlorite, oxides, fgr silica …	K-feldspars (visible, not cryptic) — Phenocrysts	Plagioclase feldspar	Quartz — including veins, fibrous pressure shadows, patchy chalcedony (Descr. 4011 and 4017) …	Sericite (muscovite) mica — Also in altered matrix, and as partial alteration in feldspars
			Tower Mountain grab samples, 2021					
			Rep. 2021-03P: 11 covered thins					
3977	BL-01 / 1022539		Hydrothermal breccia (monzonite)		50	24	3	3
3978	BL-02 / 878498		Hydrothermal breccia (syenite)		65	6	15	3
3979	BL-03 / (N/A)		Syenite		62	20	1	
3980	BL-04 / 1022733		Syenite		62	16	5	
3981	BL-05 / 1022633		Feldspar porphyry	52	18	12	6	
3982	BL-06 / 1022629		Sericitized intermediate volcanic	80			6	
3983	BL-07 / 1022635		Intermediate volcanic w tourmaline-pyrite	65			1	
3984	BL-08 / 1022711		Altered feldspar porphyry	50	5	27		
3985	BL-09 / 878195		Tourmaline-rich breccia	58		22		1
3986	BL-10 / (N/A)		Altered intermediate volcanic	66		10	1	
3987	BL-11 / (N/A)		Altered intermediate volcanic	65	5	10		
			Tower Mountain drill core, 2021					
			Rep. 2021-05P: 41 polished thins					
3988	01-8693	TM21-88-016.3 m	Reddened magnetic porphyry (lamprophyre?)	52		20		
3989	02-8694	TM21-88-109.2 m	Apatite-magnetite clasts (polymict breccia)	74				
3990	03-8696	TM21-88-171.3 m	Coarse trachyte		60	15	5	
3991	04-8697	TM21-89-050.4 m	Hematized trachyte, CAL-CHL-SER-OX altered		45	17	1	8
3992	05-8698	TM21-89-100.0 m	Hematized trachyte, CAL-OX-PY-CHL altered		60	24	1	
3993	06-8700	TM21-89-106.8 m	Sericitized oxide-bearing trachyte	70		6		
3994	07-8701	TM21-90-382.6 m	Feldsparphyric andesite	65	6	20	3	
3995	08-8703	TM21-91-101.1 m	Brecciated syenite,quartz-tourmaline cement		25		50	5
3996	09-8704	TM21-92-074.1 m	Finely-milled (?) volcanic breccia	56	4	16		15
3997	10-8705	TM21-92-100.6 m	Trachytic intrusive, CHL-PY-ANK-SER altered	58	10	12	1	
3998	11-8706	TM21-92-162.7 m	Crowded amphibole-plagioclase porphyry	30		40	0	
3999	12-8707	TM21-93-010.4 m	Trachyte breccia with carbonatized clasts	48		1	1	2
4000	13-8708	TM21-93-243.3 m	Trachyte / pxite breccia, CAL-PY-ACT-alt.	58			0	
4001	14-8710	TM21-93-143.7 m	Pyritic trachyte with siltstone clast	78		5	2	
4002	15-8711	TM21-94-013.9 m	Breccia with chlorite-quartz-pyrite clast		5		17	30
4003	16-8712	TM21-94-074.8 m	Pyritized trachyte with "syenite" clast	64		1		
4004	17-8713	TM21-94-112.8 m	Sericitized feldspar porphyry breccia	67		15	0	
4005	18-8714	TM21-94-202.5 m	Oxidized trachyte with strong CHL-CAL alt.	45		15		
4006	19-8716	TM21-95-009.6 m	Hematized trachyte with complex alteration	50		10	0	5
4007	20-8717	TM21-95-142.7 m	Autobrecciated trachyte with PY-CAL-CHL alt	56		0	1	2
4008	21-8718	TM21-95-148.3 m	Autobrecciated trachyte, DOL + CHL-PY alts.	65				
4009	22-8719	TM21-95-166.3 m	Hematized trachyte breccia+"basalt" clasts	68			1	2
4010	23-8720	TM21-95-174.7 m	Trachyte with epidotized (?) clasts	66		3	0	
4011	24-8721	TM21-95-244.9 m	Epidote-,chlorite-altered feldspar porphyry	60			0	
4012	25-8722	TM21-96-101.3 m	Hematized, pyritized trachyte	69		10		10
4013	26-8723	TM21-96-122.5 m	Trachyte autobreccia	70		8	3	
4014	27-8724	TM21-96-142.8 m	Epidote-calcite clasts in trachyte	75		6		
4015	28-8725	TM21-96-157.3 m	Trachyte with CHL-EPI-CAL alt.	72		8	0	
4016	29-8726	TM21-96-198.2 m	Trachyte with EPI-CAL-CHL alt.	60		4	1	
4017	30-8727	TM21-96-236.8 m	SER-EPI-CHL-altered feldspar porphyry				7	65
4018	31	TM21-95-110.8 m	Hematized trachyte with CHL-EPI-CAL alt.	60			0	
4019	32	TM21-97-119.2 m	Volcanic rock with SER-DOL-PY-TOUR-CAL alt.	50		8	2	8
4020	33	TM21-97-135.8 m	Chloritized pyritic volcanic rock	60			3	5
4021	34	TM21-97-145.5 m	Trachyte autobreccia + intense SER-PY alt.	65			0	20
4022	35	TM21-97-152.0 m	Fine-grained volcanic, CHL-CAL-PY overprint	80		6	0	
4023	36	TM21-97-211.2 m	Trachyte, SER-CAL-PY alt, chloritic clasts	60		3	2	
4024	37	TM21-97-234.8 m	Trachyte breccia with silica cement	47		1	38	
4025	38	TM21-97-236.4 m	Trachyte subject to strong PY-CHL alt.	67				
4026	39	TM21-97-273.3 m	Brecciated porphyry with CAL-CHL-PY alt.	50			1	
4027	40	TM21-97-312.4 m	Sparse porphyry / trachyte with CHL-PY alt.	72		5	1	
4028	41	TM21-97-345.0 m	Pyritized porphyritic trachyte	65		15		
			Number of the 52 rocks containing the mineral	43	15	37	38	16
			Mean mode, in rocks containing the mineral	61.62	32.13	11.92	4.71	11.50
			Mean mode, for all 52 samples	49.77	9.27	8.48	3.44	3.54
			All values are approximate	**Matrix & clasts**	**K-feldspars (not matrix)**	**Plagioclase feldspar**	**Quartz**	**Sericite mica**
			Precise numbers are a factor of the calculation!					

Below:
Biotite
Pyrrhotite
Sphalerite
Native gold
Zircon
UNK opaque

', e.g., groundmass, vein and phenocryst quartz are all reported together in this table.

Chlorite	Tourmaline	Amphiboles	Epidote	Carbonate Ankerite	Carbonate Calcite	Apatite	Fe-Ti oxides	Pyrite	Chalcopyrite	Miscellaneous, mostly accessories:	Misc. (%)
		Orthoamphibole, actinolite, tremolite	*including zoisite, e.g., Descr. 4025*	*and perhaps dolomite (Descr. 4008 and 4019) - all distinguished by HCl reaction alone*			*Magnetite & (Descr. 4015) other spinels, hematite, alteration (rutile, titanite), secondary oxyhydroxides (goethite / limonite)*		** = CTS, so minor opaques not seen in RL*		
8					0	0	0	12	*		
	0			2		0		9	*		
1				6			0	10	*		
2					8			6	*	Biotite	1
				7	0			5	*		
				5			0	9	*		
	3			19				12	*		
				10				8	*		
	8			5				6	*		
0	0				15			8	*		
	2				11			7	*		
15					5	0	3	0		Biotite	5
		6				8	6	0		Biotite	6
10					6		4	0			
10					12		7	0			
5				1	1	0	4	3	0	Biotite 1, pyrr	1
12					6	0	4	2	0		
	1							0		FM phenocrysts (5), zircon (?)	5
	12			7			0	1	0		
				3				6		UNK-opaque	0
6				7		0		6	0		
5		15			8			2			
3				35		1		9	0	Sphalerite	0
5		20			5		2	10			
	2	1			5			7		Native gold (?): tiny, likely chalc	0
34					8		0	6	0	Sphalerite	0
8	0	8			9			10	0		
				8				10	0		
15	0				19		5	1	0		
10				19				6	0		
15					15		1	10	0		
20				8			0	7			
12				8			0	9			
12			15		2		1	1	0		
20			16		3			1	0		
				0			1	10			
6					3		0	10			
5			8		6			0			
10			5		4		0	1	0		
8			16		10		0	1			
12			12		2		2	0			
15		5	12		8		0	0			
2	10			7	5		0	8			
15					9		1	7	0		
9					0		1	5			
5					5		1	3			
12	0				12		1	10	0	Pyrrhotite	0
1					8		0	5		Pyrrhotite	0
12	1		2		5		1	12			
16					20		1	12	0	Pyrrhotite	0
12	0			3			0	7			
		8	0		1		1	10			
37	14	7	9	19	34	9	33	52	17		12
9.95	2.79	9.00	9.56	8.42	6.94	1.13	1.42	5.77	0.00		1.50
7.08	0.75	1.21	1.65	3.08	4.54	0.17	0.90	5.77	0.00		0.35
Chlorite	**Tourmaline**	**Amphiboles**	**Epidote**	**Carbonate Ankerite**	**Carbonate Calcite**	**Apatite**	**Fe-Ti oxides**	**Pyrite**	**Chalcopyrite**	**Miscellaneous, mostly accessories:**	**Misc. (%)**

GLOSSARY OF ABBREVIATIONS USED IN PETROGRAPHIC DESCRIPTIONS

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http://www.turnstone.ca
ver. petglo.doc/pdf
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The following are often obvious, but for the record customary abbreviations are explained here, with some additional notes on procedures. This system has been evolved for detailed, standardised descriptions (Turnstone numbered descriptions, #401 on). Summaries of all descriptions (~4,000) are stored in the **PETSUM** database, and complete descriptions (#976 on) are created in the related **PETDAT**. Textural and summary sections are written "in full", but shorthand forms are generally used for detailed data on each mineral. The descriptions are the central feature of many of ~500 extant Turnstone reports. An earlier (1986), Spanish -annotated edition of this glossary is available: two relevant works in Spanish are: Anon (1981), Williams *et al.* (1968). Plutonic rock nomenclature follows the modal classification of Streckeisen (1976), summarized in Hyndman (1972, pp.31-41). See also Le Maitre *et al.* (1989) and Sharma (1992).

Colour

bl	blue
brn	brown
grn	green
or	orange
yl	yellow

General

anh	anhedral
assoc	associated
balsam	mounting medium: balsam or glue of similar RI.
DDH	diamond drill hole (drill core samples). Sizes: X-Ray (19.0 mm, 0.75"), A/AQ (27.0 mm, 1.06"), ATW (30.3 mm, 1.195"), B/BQ (36.5 mm, 1.44"), BTW (B, Thin Wall: 42.0 mm, 1.654"), N/NQ (47.6 mm, 1.875"), NTW (56 mm, 2.205"), NQ2 (59 mm, 2.32"), H9 (63.5 mm, 2.50"), HQ (63.0 mm, 2.48") and PQ (84.8 mm / 3.34").
dia	diameter
EDS	energy-dispersive spectrometry (of EPM)
eff in HCl	effervescence in (cold) dilute (10%) hydrochloric acid
EPM	electron microprobe analysis
esp	especially
euh	euhedral
HS	hand specimen
magnetism	magnetic samples, rich in ore minerals such as mag and magnetic pyrr, identified in HS descriptions. High concentrations of these phases yield an extremely magnetic sample, in which an offcut slice (say 45x25x5 mm) of the rock can be lifted with a small magnet. The findings can be quantified by the systematic use of a magnetic susceptibility meter (an SM-30 unit has been employed since 2006).
max/min	maximum/minimum

mesh size	examples of ASTM mesh sizes; 8 (2.36 mm), 10 (2.0 mm), 18 (1.0 mm), 20 (850 µm), 35 (500 µm), 60 (250 µm), 80 (180 µm), 200 (75 µm) and 400 (38 µm).
PIXE	Proton-induced x-ray emission (proton microprobe)
PGE	Platinum Group Elements (Os, Ir, Ru, Rh, Pt and Pd)
PGM	Platinum Group Minerals (major proportions of one or more PGE)
rel	relatively (or `relief', discontinued)
staining	K-feld staining involves the HF-sodium cobaltinitrate test (Sclar and Fahey, 1972) leaving a bright yellow stain on the feldspar. For carbonate staining a variety of methods can distinguish, e.g., calcite, dolomite, ankerite and magnesite, important in alteration assemblages. See Friedman (1959), Wolf *et al.* (1967) and Hutchison (1974).
symm	symmetric(ally)
tr	trace
WDS	wavelength-dispersive spectrometry (of EPM)

Grainsize

dia	diameter
gs	grain size - NB: section orientation influences apparent size of tabular and acicular minerals (e.g., micas and tourmalines respectively).
...fgr	fine-grained
...mgr	medium-grained
...(v)cgr	(very) coarse-grained
mm	1 mm=0.03937 inch
µm	1 micron=0.001 mm

Minerals (74 species and groups of minerals: see also Fleischer and Mandarino, 1991)

ab	albite	
act	actinolite	
amph	amphibole	
an	anorthite	
and	andradite	- Ca-Fe garnet, in context
anth	anthophyllite	
ap	apatite	
asp	arsenopyrite	
aug	augite	
bi	biotite	
cal	calcite	
carb	carbonate	
chalc	chalcopyrite	
chl	chlorite	
chr	chromite	
clzo	clinozoisite	
cord	cordierite	
cpx	clinopyroxene	
ctoid	chloritoid	
cumm	cummingtonite	
di	diopside	- Mg-Ca cpx
dol	dolomite	
en	enstatite	
epi	epidote	

fa	fayalite	-	Fe olivine
fo	forsterite	-	Mg olivine
foid	feldspathoid	-	sodalite, nepheline, etc
fstilp	ferrostilpnomelane		
gal	galena		
gar	garnet	-	common end-members include pyrope, almandine, spessartine, uvarovite, grossularite and andradite
go	goethite		
gro	grossularite	-	Al-Ca garnet
grp	graphite		
hb	hornblende		
hed	hedenbergite	-	Fe-Ca cpx
hem	hematite		
hyp	hypersthene		
ilm	ilmenite		
joh	johannsenite	-	Mn cpx
kaol	kaolinite		
K-feld	alkali feldspars	-	Kfeld: orthoclase, microcline, perthite, sanidine
ky	kyanite		
lim	limonite		
ma	marialite	-	sodic scapolite (δ=0.009)
mag	magnetite		
marc	marcasite		
me	meionite	-	calcic scapolite (δ=0.036)
moly	molybdenite		
musc	muscovite		
neph	nepheline		
of	orthoferrosilite	-	pyroxene Fe-rich endmember
oliv	olivine		
opx	orthopyroxene		
pent	pentlandite		
phlog	phlogopite		
plag	plagioclase feldspar		
px	pyroxene		
py	pyrite		
pyrr	pyrrhotite		
qz	quartz		
rieb	riebeckite		
rut	rutile		
ser	sericite		
serp	serpentine		
sill	sillimanite		
sphal	sphalerite		
sphen	sphene	-	more properly, titanite
staur	staurolite		
stilp	stilpnomelane		
tour	tourmaline	-	common varieties are schorl, dravite and elbaite
ves	vesuvianite	-	alias idocrase
woll	wollastonite	-	(may be abbreviated to `Wo', e.g., $En_{75}Of_{10}Wo_{15}$)
zir	zircon		
zo	zoisite		

Miscellaneous

C-A	Carlsbad-Albite twinning in plagioclase
QAM	Quartz- Ankerite- Mariposite rock (distinctive green alteration assemblage, as in the Mother Lode: also known as `listwanite')
QAP	Quartz - Alkali-feldspar - Plagioclase estimated modes in a rock, normalized to 100% (see Streckeisen, 1976).
QFP	Quartz-Feldspar-Porphyry

Mode

A rough visual estimate. Accessory phases <1% are annotated `Tr.' (trace): subdivisions are `Abundant tr.' and `Rare tr.'. An attempt is made to counteract the common tendency to overestimate the frequency of the dark phases. Minerals are described in order of decreasing modal abundance.

Optical Properties

aniso	anisotropic/anisotropy
bir	birefringence - relative retardation is often written in shorthand, e.g., 1st-o yl = first-order yellow. The maximum birefringence is estimated from the thickness (calculated from colours of dependable minerals, such as quartz) and the highest colours seen in the section.
birl	bireflectance
ext	extinction. May be `str' (straight, parallel to length) or `clean', meaning that the whole grain goes dark at once, c.f. strained quartz.
int	interference
LF/LS	orientation: length fast/slow
MEA	Maximum Extinction Angle (degrees) in the Michel-Levy test of plagioclase composition. Where possible, at least six suitable grains are used. MEA is also used for other minerals. For intermediate -calcic plagioclase, note that the M-L test often gives results which are rather more sodic than the the actual composition, as determined by either the Carslbad-Albite (C-A) test or by EPM (seldom noted, but see Finn, 1981). If both are available, a C-A number is generally preferred to a M-L value. In the case of albite and oligoclase below An_{20}, unless a perfectly oriented section is found, the estimate may be too calcic. This is unlikely to be a major obstacle in interpretation, although in one case plag estimated at An_8 (M-L test) and An_5 (C-A test) was found by EPM to be An_1, nearly pure albite.
PH	polishing hardness: see Uytenbogaardt and Burke (1971, pp.17-21)
Pleo	pleochroism
PPL	plane polarized light
refl	reflectance
RI	refractive index
RL	reflected light
`RL'	obliquely-incident light, sometimes employed on CTS
ST	sensitive tint plate (orientation and optic sign work)
TL	transmitted light
XP	cross-polarized light: usually with exact alignments of polarizer and analyser. In RL one is often offset (rotated) a few degrees in order to emphasise anisotropy / bireflectance. Some properties (pleochroism and relief), are described relative to the orientation of the polarizer (the `vibration plane of the lower nicol' is equivalent to the polarizer).

Ore Microscopy
For optical properties in reflected light see Craig and Vaughan (1981) or Spry and Gedlinske (1987), which each contain descriptions of ~100 opaque minerals. Properties such as scratch and polishing hardness, bireflectance and reflection pleochroism are also briefly discussed (Craig and Vaughan, 1981, pp.36-43). Descriptions of ore minerals are also listed in Uytenbogaardt and Burke (1971), Marshall *et al.* (2004), Ineson (1989) and the classic work of Ramdohr (1980).

Photomicrographs and Figures

Colour	Photomicrographs were made by using either (a) daylight- balanced colour film and a blue filter, or (b) film balanced for tungsten lighting, without a blue filter. Photos in RL may thus have bluish-grey (method (a)) or brownish backgrounds (method (b), mostly in early descriptions). Intermediate colour renditions can also be achieved with daylight film, and no blue filter. Slide film was used for maximum flexibility and quality control, with high rejection rates. Since June 2005, **digital photomicrography** has taken over, first with a Motic unit and, since July 2010, Jenoptik ProgRes C3 (firewire-linked) and CT3 (USB2) cameras on petrographic and stereo microscopes, respectively.
FOV	Field of view in mm (long axis of photo): the primary scale indicator, as nominal magnification (for a given FOV) is dependent on equipment used and may be subject to image processing and cropping.

Sample Format

CTS	covered thin section, nominal thickness 30 μm.
(D)PTS(C)	(doubly-) polished thin section (C=> circular, in 25 mm diameter form for microprobe work: some rectangular PTS are also microprobe-compatible). Used in reflected light study. For high -current ion beam analyses, such glass-backed mounts have been prepared with a thickness of about 500 μm or more: \`ThPTS(C)', now generally supplanted by the PRS methods noted below.
PM	polished mount, for reflected light microscopy, also microprobe-compatible unless qualified. Generally circular, .10 mm thick.
PRS	polished rock slice, often an offcut of PTS preparation (see below).
Thickness	of CTS and PTS, gauged by interference colour of quartz or other phases. Excludes the slide margins, which commonly taper somewhat.

Sections (including the glass backing slide) are .1 mm thick: normal CTS and PTS are 46x27 mm in plan. Large sections (75x50 mm) are especially useful for structural geology, often with oriented samples. In the case of PM (\`ore mounts') it is probably better to prepare smaller mounts than the older samples commonly found in teaching and museum collections. While some of these (e.g., 30 mm wide and 18 mm deep) may fit into electron microscope sample chambers, maximum compatibility with microprobe systems is achieved with circular mounts 25 mm wide and (say) 10 mm thick. Modern PM are mostly 25 mm in diameter, but larger (40 mm) PM may be useful for examining large volumes of mill products. Most of the volume is usually the epoxy mounting medium: the sample can be a few sub-mm grains, mm-scale flakes or drill chips, or a rock slice up to 25 mm wide and a few mm thick.

Special Formats include grain mounts, which typically contain 20 or more mineral grains or metal shards. These may be used especially for EPM/PIXE of diamond indicator minerals such as garnets (the PM format can also be used here). A novel mount is a polished offcut (PRS), ideally the complement of a PTS, used in Accelerator Mass Spectrometry for ultra-trace element analysis (e.g., detection levels of parts per billion for gold and PGE). In this technique, \`minicores' 4 mm in diameter are often drilled from a number of PRS, and mounted in sets of 12 in a 25-mm aluminium mount, suitable for a full range of in-situ microanalytical techniques (EPM, PIXE, AMS, etc).

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N.B. These are 37 items in the **MINLIB** annotated Earth-science bibliography, from many sources, updated into Jan. 2015 with **85,500 records**, 15,800 on *petrography*, 10,700 on *mafic-ultramafic rocks*, 4,500 on *hydrothermal alteration* and 3,200 for *ore textures*: 5,200 pertain to *gemstones*: 5,900 to *PGE* and 16,900 to *gold*, 7,300 on *meteorites*, with geographic highlights such as North America (Canada, 23,200: Grenville province, 3,000), Latin America (8,300), Indian subcontinent (8,500), Africa (7,100), Australasia (5,000). Ask about other capabilities of this powerful research tool, the 19,750-item **WORLD** database, and other developments in field- and lab-based Earth science at **Turnstone**. See also: http://www.turnstone.ca/petworks.htm, and a longer list of MINLIB content at http://www.turnstone.ca/turintro.htm.