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Assessment Report Diamond Drilling
Dixie Lake Property
Red Lake, ON

NTS 052K13

Dixie Lake, Bruce Lake, South of Byshe and Faulkenham Lake Areas,

Red Lake Mining Division

Great Bear Resources
1020-800 West Pender Street
Vancouver, BC
V6C-2V6

Work Conducted From

July 5th, 2017 to December 31st, 2017

Prepared by:
B. Singh, P.Geo
Red Lake, Ontario

Report Completed: December 31st, 2017

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1.0 INTRODUCTION

This report was prepared to summarize exploration work by Great Bear Resources on their 100% owned Dixie Lake Property located in Red Lake, Ontario. This report is being submitted to the Ministry of Northern Development and Mines (MNDM) for assessment credit. Expenditures of $187,770 are being submitted for assessment credit, incurred for 1097 metres of diamond drilling completed between July 10th, 2017 and July 21st, 2017. All work was supervised by Bob Singh (P.Geo).

Highlights of the 2017 drilling include:

- Hole DL-005 intersected 10.40 m of 16.84 g/t gold including 1.05 m of 130.10 g/t gold
- Hole DL-004 intersected 6.30 m of 5.56 g/t gold including 1.0 m of 8.33 g/t gold
- Hole DL-001 intersected 4.60 m of 4.07 g/t gold including 0.50 m of 10.50 g/t gold
- Hole DL-003 intersected 13.75 m of 2.11 g/t gold including 1.5 m of 5.42 g/t gold

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Dixie Lake Property is in northwestern Ontario and is centred at UTM coordinates 0455870E/ 5634483N (NAD 83, Zone 15N) on NTS map sheet *052K13*. The town of Red Lake is 26 kilometres to the northwest of the property and is within the Dixie Lake, Bruce Lake, South of Byshe and Faulkenham Lake Areas (Figure 1).

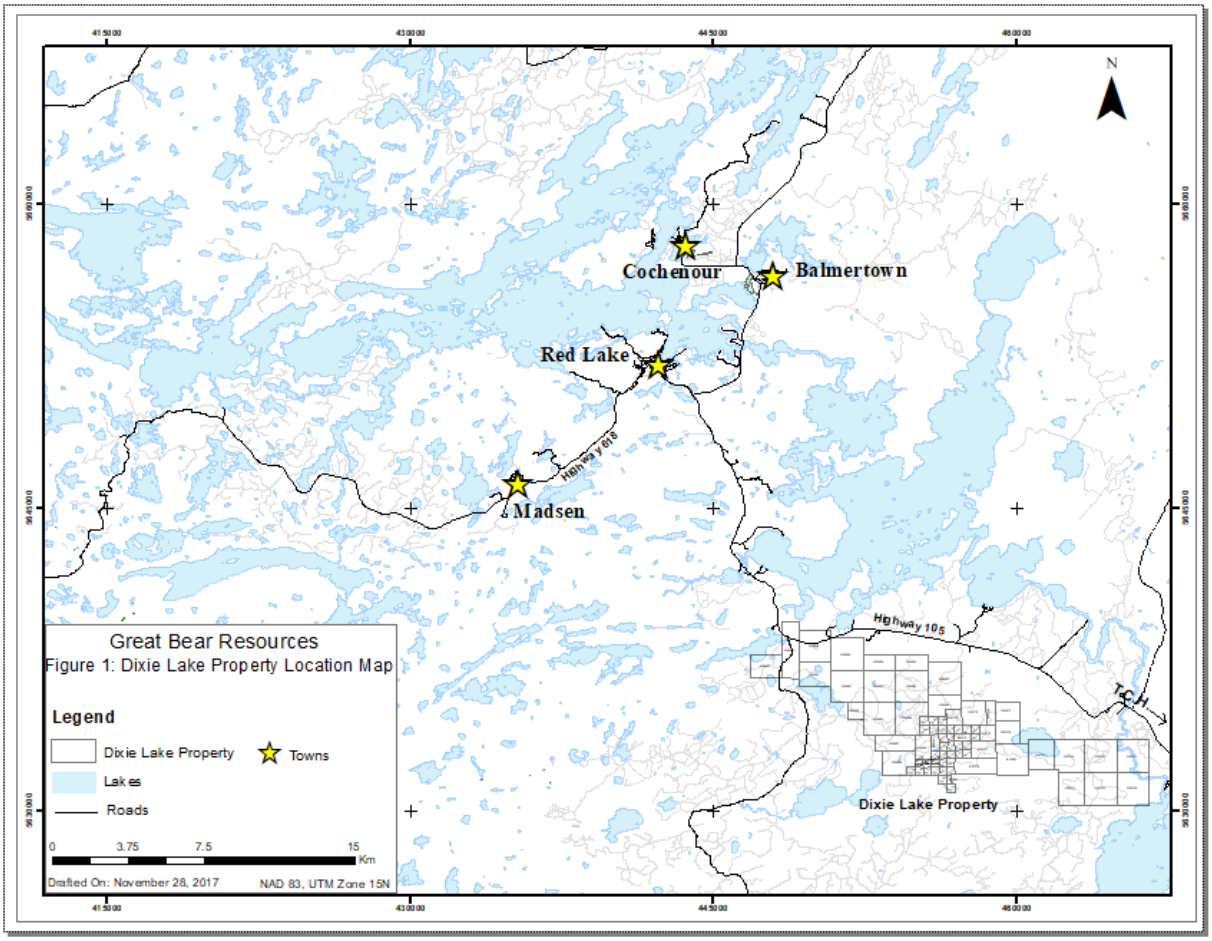

Figure 1: Dixie Lake Property – Regional Location Map.

The Dixie Lake property is situated between Stone Lake and Pakwash Lake, primarily south of Highway 105. Access to the property is 26 kilometres from the town of Red Lake via Highway 105, then 1.4 kilometres to the southwest along Tucyk Road. Several historic forest service roads from Tucyk Road provide direct access to much of the Dixie Lake property (Figure 2). This area is covered with a mainly mature boreal forest consisting predominantly of black spruce and lesser stands of poplar, birch, jack pine, and balsam. Large areas on the property have been deforested over the years and have been replanted with spruce and pine. The topography of the area is characteristic of the southern part of the Canadian Shield with low rolling hills and intervening lowlands with lakes, muskeg and marshes. Relief on the property is subdued with elevations ranging from 350 to 400 metres. There is little outcrop in the area of the property (Tims, 2005).

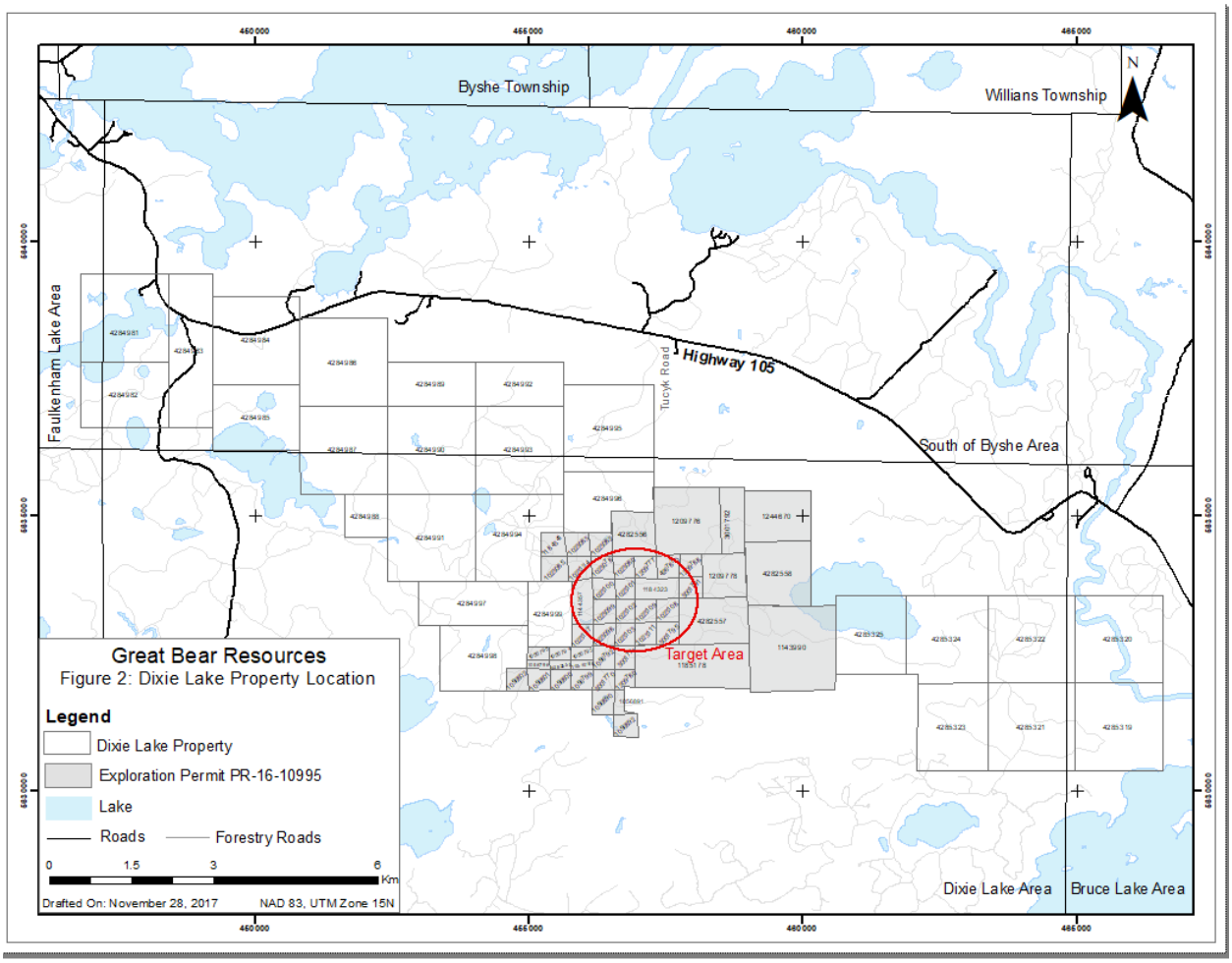

Figure 2: Dixie Lake Property - Detailed Location Map.

3.0 CLAIMS AND OWNERSHIP

The Dixie Lake property has an area of approximately 72 square kilometres consisting of 452 units, in 76 staked claims (Figure 2). All mineral claims lie within the Red Lake Mining Division in the Dixie Lake, Bruce Lake, South of Byshe and Faulkenham Lake Areas. All claims are currently in good standing with Great Bear Resources as the recorded owner (see Table 1).

Table 1: Great Bear Resources Claim List.

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
BRUCE LAKE AREA	4285319	2017-Aug-03	2019-Aug-03	A	100%
BRUCE LAKE AREA	4285320	2017-Aug-03	2019-Aug-03	A	100%
BRUCE LAKE AREA	4285321	2017-Aug-03	2019-Aug-03	A	100%
BRUCE LAKE AREA	4285322	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	1023078	1988-Jun-17	2018-Jun-17	A	100%
DIXIE LAKE AREA	1023080	1988-Jun-17	2018-Jun-17	A	100%

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
DIXIE LAKE AREA	1023082	1988-Aug-02	2018-Aug-02	A	100%
DIXIE LAKE AREA	1023083	1988-Aug-02	2018-Aug-02	A	100%
DIXIE LAKE AREA	1023085	1988-Aug-02	2018-Aug-02	A	100%
DIXIE LAKE AREA	1023098	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023099	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023100	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023101	1988-Jun-21	2019-Jun-21	A	100%
DIXIE LAKE AREA	1023102	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023103	1988-Jun-21	2019-Jun-21	A	100%
DIXIE LAKE AREA	1023108	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023109	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023111	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023124	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1023127	1988-Jun-21	2018-Jun-21	A	100%
DIXIE LAKE AREA	1056792	1988-Sep-08	2018-Sep-08	A	100%
DIXIE LAKE AREA	1056793	1988-Sep-08	2018-Sep-08	A	100%
DIXIE LAKE AREA	1056794	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056795	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056796	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056798	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056799	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056800	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056801	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056802	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056890	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056891	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1056892	1988-Sep-08	2019-Sep-08	A	100%
DIXIE LAKE AREA	1143990	1992-Aug-04	2019-Aug-04	A	100%
DIXIE LAKE AREA	1144357	1994-Jun-29	2018-Jun-29	A	100%
DIXIE LAKE AREA	1184323	1995-Jul-31	2019-Jul-31	A	100%
DIXIE LAKE AREA	1184341	1995-Sep-26	2019-Sep-26	A	100%
DIXIE LAKE AREA	1185178	2006-Feb-08	2019-Feb-08	A	100%
DIXIE LAKE AREA	1209776	1995-Sep-13	2019-Sep-13	A	100%
DIXIE LAKE AREA	1209777	1995-Sep-13	2019-Sep-13	A	100%
DIXIE LAKE AREA	1209778	1995-Sep-13	2019-Sep-13	A	100%
DIXIE LAKE AREA	1209780	1995-Sep-13	2019-Sep-13	A	100%
DIXIE LAKE AREA	1209788	1995-Sep-13	2019-Sep-13	A	100%
DIXIE LAKE AREA	1244670	2003-Feb-05	2019-Feb-05	A	100%
DIXIE LAKE AREA	3001770	2002-Jun-06	2018-Jun-06	A	100%
DIXIE LAKE AREA	3001771	2002-Jun-06	2018-Jun-06	A	100%

Township / Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option
DIXIE LAKE AREA	3001791	2002-Jun-06	2019-Jun-06	A	100%
DIXIE LAKE AREA	3001792	2002-Jun-06	2019-Jun-06	A	100%
DIXIE LAKE AREA	3001795	2002-Jun-06	2018-Jun-06	A	100%
DIXIE LAKE AREA	4267870	2015-Nov-17	2017-Dec-15	A	100%
DIXIE LAKE AREA	4282555	2016-Jan-05	2018-Jan-05	A	100%
DIXIE LAKE AREA	4282556	2016-Jan-05	2018-Jan-05	A	100%
DIXIE LAKE AREA	4282557	2016-Jan-05	2018-Jan-05	A	100%
DIXIE LAKE AREA	4282558	2016-Jan-05	2018-Jan-05	A	100%
DIXIE LAKE AREA	4284988	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284991	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284994	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284996	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284997	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284998	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4284999	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4285323	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4285324	2017-Aug-03	2019-Aug-03	A	100%
DIXIE LAKE AREA	4285325	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284981	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284982	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284983	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284984	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284985	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284986	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284987	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284989	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284990	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284992	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284993	2017-Aug-03	2019-Aug-03	A	100%
SOUTH OF BYSHE AREA	4284995	2017-Aug-03	2019-Aug-03	A	100%

Work completed during the 2017 drill program was completed on three of these claims; KRL1023099 (511.8 metres), KRL1023100 (503.0 metres), KRL1023102 (82.2 metres).

4.0 EXPLORATION WORK PERFORMED

During the Summer of 2017, Great Bear Resources completed a 1097 metre diamond drill program consisting of nine diamond drill holes on the Dixie Lake Property (Figure 3 & Table 2). Holes were located in the 88-4 and 88-4 extension target areas and were focused on the down plunge extension of historic high grade intercepts. Chibougamau Diamond Drilling Company Ltd provided diamond drilling services. Work was conducted under Exploration Permit PR-16-10995 as issued by the Ministry of Northern Development and Mines (MNDM).

The most significant results (see Table 3 for details) from the 2017 program include:

- DL-005: 10.4 metres of 16.84 g/t gold including 1.1 metres of 130.10 g/t gold.
- DL-004: 6.3 metres of 5.56 g/t gold including 1.0 metres of 8.33 g/t gold.
- DL-001 4.6 metres of 4.07 g/t gold including 0.5 metres of 10.50 g/t gold.
- DL-003 13.8 metres of 2.11 g/t gold including 1.5 metres of 5.42 g/t gold.

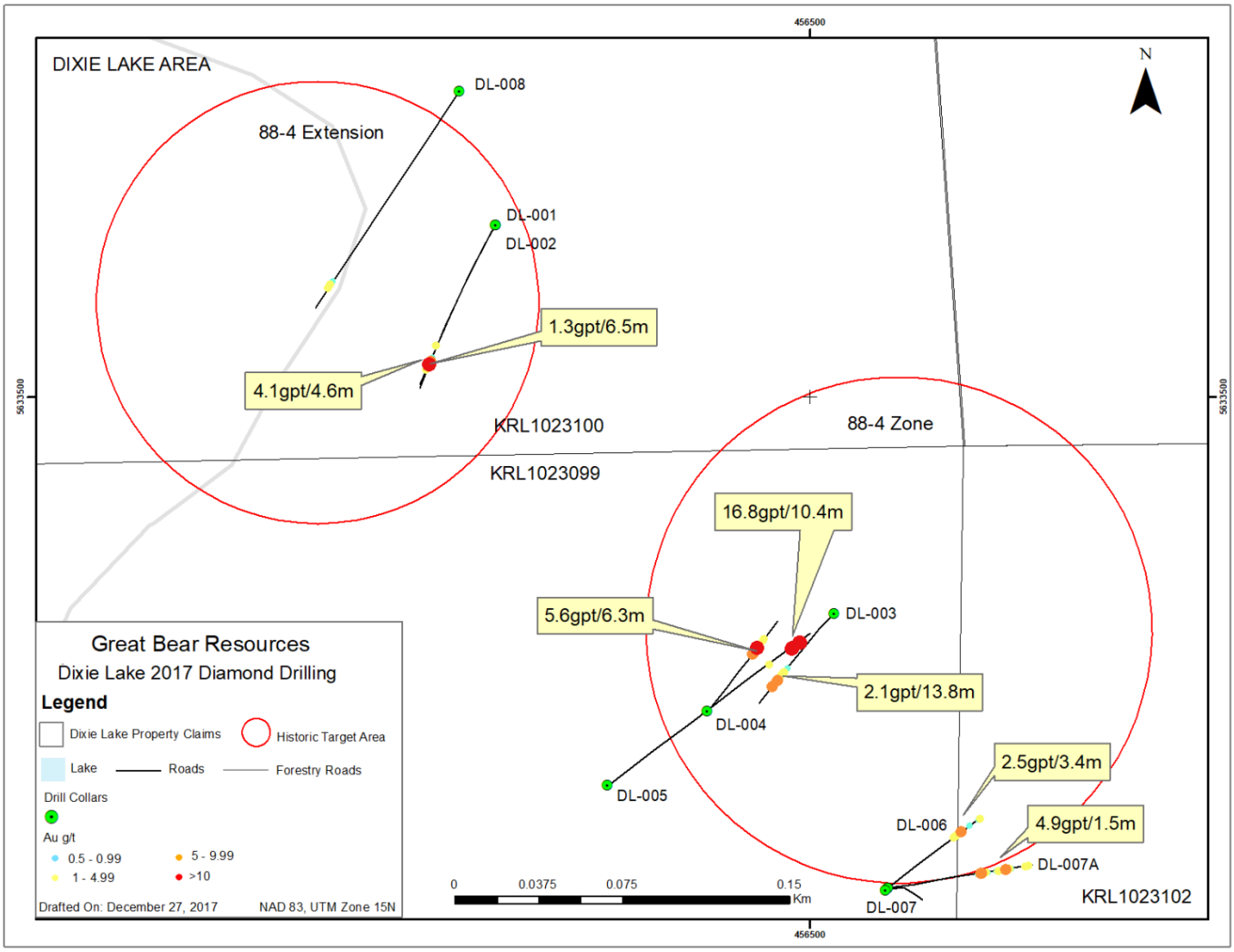

Figure 3: 2017 diamond drilling plan map (composites widths are core length).

Table 2: Collar information for 2017 Dixie Lake Diamond Drill Program.

Hole ID	Easting	Northing	Elevation	Length (m)	Azm (□)	Dip (□)	Claim	Drill Start Date	Drill End Date
DL-001	456359	5633577	369.6	162	213	-61	KRL1023100	07/10/2017	07/12/2017
DL-002	456359	5633577	369.6	141	215	-55	KRL1023100	07/13/2017	07/14/2017
DL-003	456511	5633403	355	75	225	-50	KRL1023099	07/14/2017	07/15/2017
DL-004	456454	5633359	359	87	40	-53	KRL1023099	07/15/2017	07/16/2017
DL-005	456409.2	5633326	365	177	53	-50	KRL1023099	07/16/2017	07/17/2017
DL-006	456535.1	5633280	365.7	90	50	-55	KRL1023099 (69.1m) KRL1023102 (20.9m)	07/17/2017	07/18/2017
DL-007	456535.1	5633280	365.7	45	80	-55	KRL1023099	07/18/2017	07/19/2017

Hole ID	Easting	Northing	Elevation	Length (m)	Azm (□)	Dip (□)	Claim	Drill Start Date	Drill End Date
DL-007a	456534.1	5633279	365.7	120	80	-55	KRL1023099 (58.7m) KRL1023102 (61.3m)	07/19/2017	07/20/2017
DL-008	456343	5633637	373	200	215	-55	KRL1023100	07/20/2017	07/21/2017
			Total:	1097					

Table 3: Significant composite results for 2017 drilling.

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-001		136.4	141	4.6	4.07
DL-001	including	137	138.3	1.3	5.74
DL-001	and including	139.9	141	1.1	6.71
DL-001	and including	140.5	141	0.5	10.5
DL-002		122	128.5	6.5	1.33
DL-002	including	124.5	125.7	1.2	3.06
DL-003		53.25	67	13.8	2.11
DL-003	including	53.25	54.75	1.5	3.11
DL-003	and including	59.8	61.8	2.0	4.61
DL-003	and including	60.3	61.8	1.5	5.42
DL-003	and including	64	67	3.0	2.61
DL-003	and including	66.5	67	0.5	7.36
DL-003	and including	60.3	61.3	1.0	6.35
DL-004		56.2	62.5	6.3	5.56
DL-004	including	59.5	62	3.0	6.45
DL-004	and including	59.5	60.5	1.0	8.33
DL-004	and including	62	62.5	0.5	16.4
DL-004	and	69	72	3.0	2.34
DL-005		162.6	173	10.4	16.84
DL-005	including	164.6	172.45	7.9	21.53
DL-005	and including	164.6	166.1	1.5	12.04
DL-005	and including	170.75	172.45	1.7	82.54
DL-005	and including	171.4	172.45	1.1	130.1
DL-006		70.6	73.95	3.4	2.5
DL-007A		76.8	78.3	1.5	4.9
DL-007A		90.7	92.7	2.0	2.9
DL-007A		97.3	101.3	4.0	4.2
DL-008	Anomalous				

*Core length

Hole Summary:

DL-001: (213/-61, 162 metres)

Targeted down plunge of the historic 88-4 Extension target. DL-001 (Figure 4) collared in foliated basalt with up to 10%, <0.5-centimetre euhedral pink garnets. A biotite+calcite altered shear from 108.6 metres to 111.0 metres defines a contact with a less foliated, no garnet, pillow selvage basalt. Another strongly foliated, weak to moderate biotite shear exists from 130.5 metres to 133.0 metres. This defines a contact with sandstone and argillite. The 88-4 Extension target was intersected from 134.3 metres to 141.0 metres. It consisted of silicified, deformed and mineralized sediments. Mineralization consists of 3-5% pyrrhotite, 1% blebby and disseminated pyrite, <1% fine grained, disseminated arsenopyrite, <1% fine grained, blebby red sphalerite and two specks of visible gold at 138.35 metres. The hole then proceeded through a strongly, amphibole altered massive basalt till the end of hole at 162 metres.

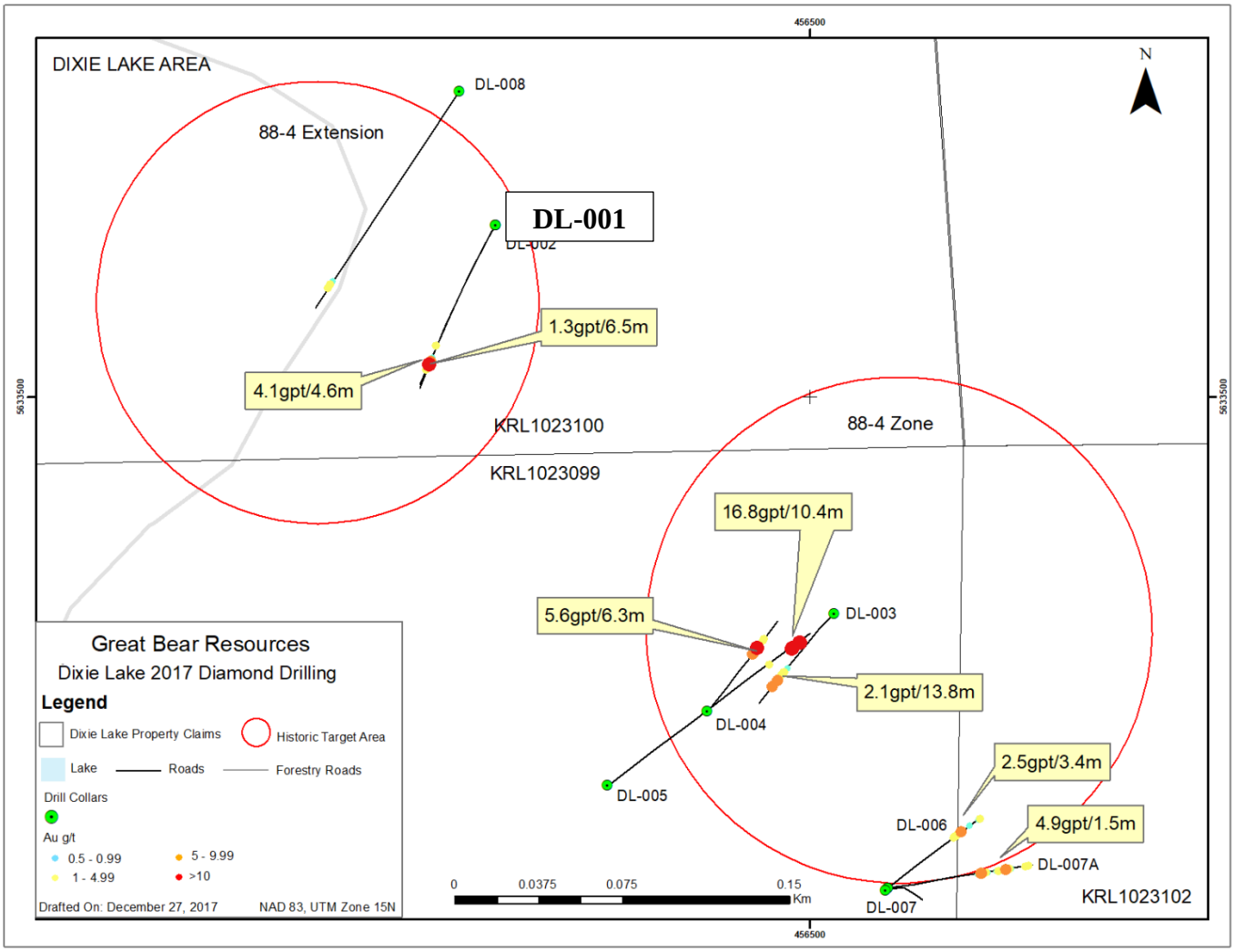

Figure 4: DL-001 Location (Composite Widths are core length).

Table 4: Significant composited gold results from DL-001(widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-001		136.4	141	4.6	4.07
DL-001	including	137	138.3	1.3	5.74
DL-001	and including	139.9	141	1.1	6.71
DL-001	and including	140.5	141	0.5	10.5

DL-002: (215/-55, 141 metres)

Targeted down plunge of the historic 88-4 Extension target. The hole (Figure 5) was collared from the same set up as DL-001 but was 6□ shallower. Lithology was the same as DL-001. DL-002 collared in foliated basalt with up to 10%, <0.5-centimetre euhedral pink garnets. A biotite+calcite altered shear from 97.0 metres to 98.4 metres defines a contact with a less foliated, no garnet, pillow selvage basalt. A sharp lower contact at 120.3 metres with sandstone and argillite (anomalous gold values begin at this contact). The 88-4 Extension target was intersected from 122.0 metres to 128.5 metres. It consisted of silicified, deformed and mineralized sediments. Mineralization consists of 3-5% pyrrhotite, 1% blebby and disseminated pyrite, <1% fine grained, disseminated arsenopyrite and <1% fine grained, blebby red sphalerite. The hole then proceeded through a strongly, amphibole altered massive basalt till the end of hole at 141.0 metres.

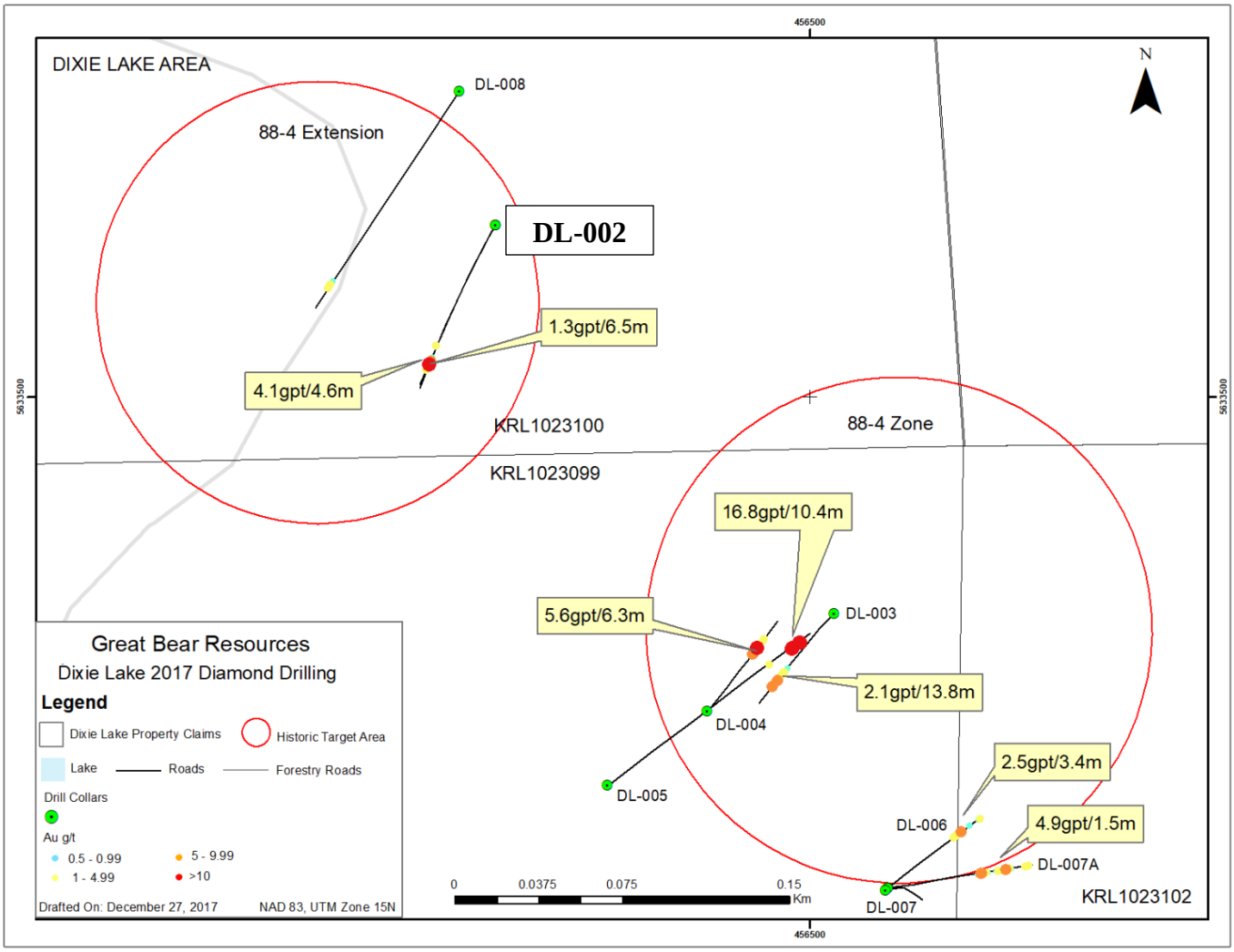

Figure 5: DL-002 Location (Composite widths are core length).

Table 5: Significant composited gold results from DL-002 (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-002		122	128.5	6.5	1.33
DL-002	including	124.5	125.7	1.2	3.06

DL-003 (225/-50, 75 metres)

DL-003 (Figure 6) is located 250 metres southeast of DL-001 and DL-002. This hole was targeting the down plunge extension of historic high-grade intercepts in the 88-4 Zone. This hole collared in foliated basalt with up to 10%, <0.5-centimetre euhedral pink garnets similar to the hanging wall basalt of DL-001 and DL-002. Anomalous gold values begin at 49.5 metres. The 88-4 Zone target was intersected from 53.75 metres to 67.0 metres. It consisted of alternating calcite dominate altered/veined and silica

altered/veined intervals. The silicified interval from 59.8 metres to 67.0 metres consists of strongly deformed, dark grey to black, fine grained silica. It is brecciated, foliated and mineralized with 5-7% pyrrhotite, 3-5% pyrite, locally 1% arsenopyrite, 1% red sphalerite, trace chalcopyrite and ten visible gold specks from 60.85 metres to 62.15 metres. The hole then proceeded through a strongly, amphibole altered massive basalt till the end of hole at 75.0 metres.

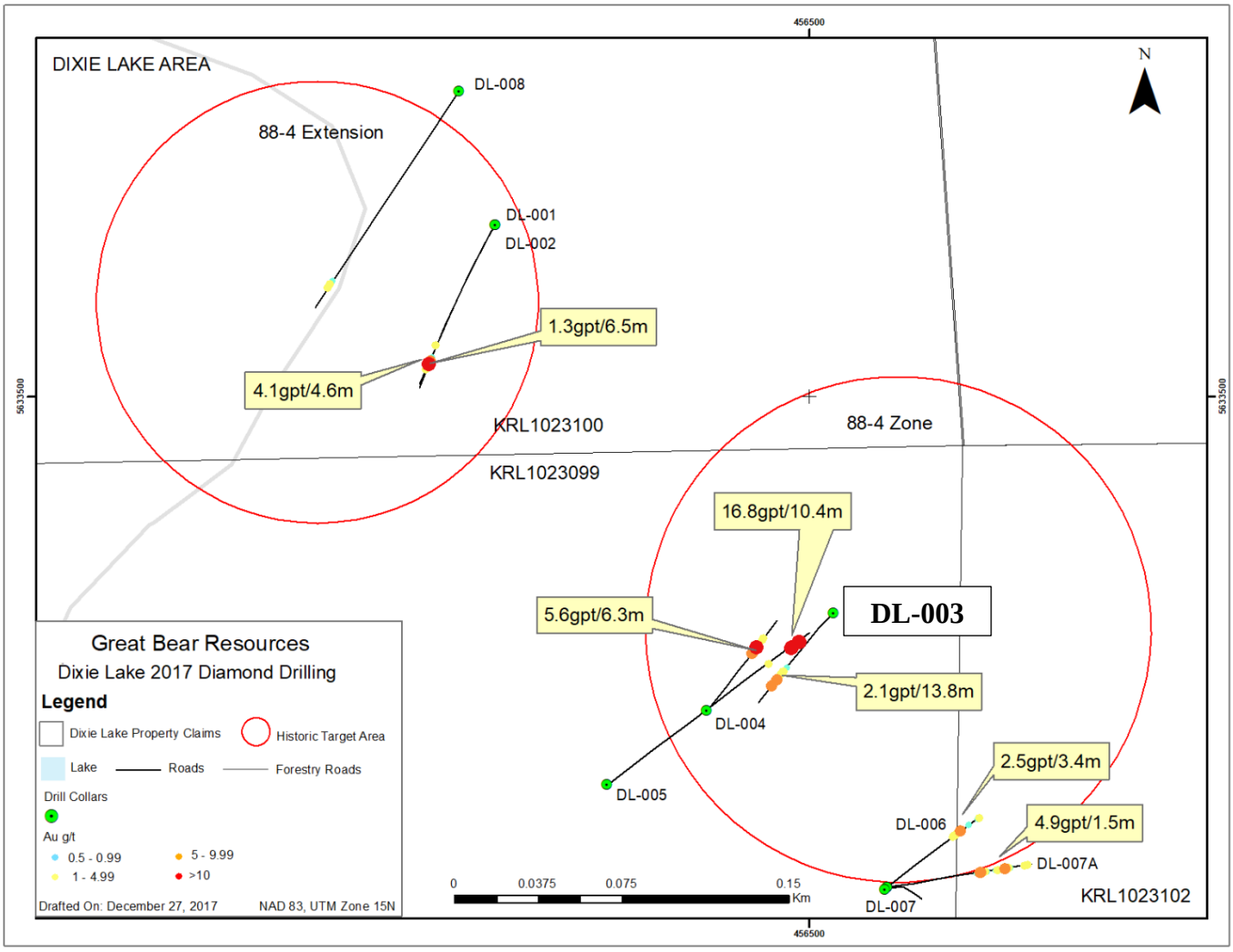

Figure 6: DL-003 Location (Composite widths are core length).

Table 6: Significant composited gold results from DL-003 (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-003		53.25	67	13.8	2.11
DL-003	including	53.25	54.75	1.5	3.11
DL-003	and including	59.8	61.8	2.0	4.61
DL-003	and including	60.3	61.8	1.5	5.42
DL-003	and including	64	67	3.0	2.61
DL-003	and including	66.5	67	0.5	7.36
DL-003	and including	60.3	61.3	1.0	6.35

DL-004: (040/-53, 87 metres)

DL-004 (Figure 7) is located 75 metres southwest of DL-003. This hole was targeting the down plunge extension of historic high-grade intercepts in the 88-4 Zone. This hole collared in massive, foliated basalt. Anomalous gold values begin at 54.9 metres. The 88-4 Zone target was intersected from 55.4 metres to 64.0 metres. The Zone consists of siliceous, locally brecciated, mineralized sediments. Mineralization is up to 5-7% pyrrhotite, 2-3% pyrite, 1% fine grained to blebby arsenopyrite, trace sphalerite and one visible gold occurrence at 62.25 metres (five pinpricks along a hairline fracture). This location of the 88-4 trend is intersected by two fine grained mafic dykes (53.9 metres to 54.9 metres and 57.7 metres to 58.6 metres)

The hole then proceeded through basalt with minor, <1.0-metre-wide argillite/sediment layers till the end of hole at 87.0 metres.

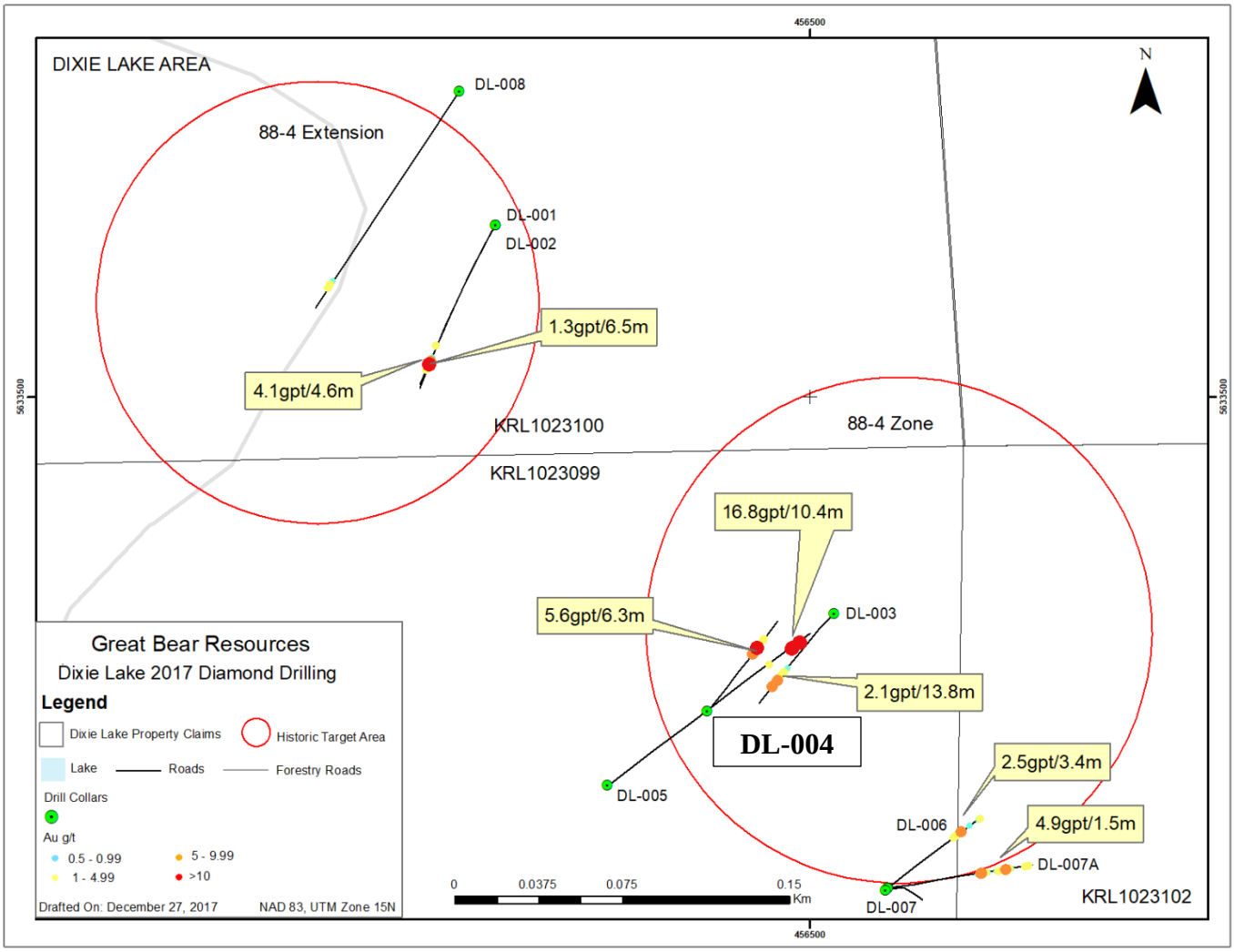

Figure 7: DL-004 Location (Composite widths are core length).

Table 7: Significant composited gold results from DL-004 (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-004		56.2	62.5	6.3	5.56
DL-004	including	59.5	62	3.0	6.45
DL-004	and including	59.5	60.5	1.0	8.33
DL-004	and including	62	62.5	0.5	16.4
DL-004	and	69	72	3.0	2.34

DL-005: (053/-50, 177 metres)

DL-005 (Figure 8)is located 50 metres southwest of DL-004. This hole was targeting the down plunge extension of historic high-grade intercepts in the 88-4 Zone. This hole collared in foliated, garnet bearing, pillow basalt (similar to start of DL-001 however clear pillow selvages and less garnets). From 32.7

metres to 32.9 metres, 45.9 metres to 46.7 metres and 138.6 metres to 141.25 metres this hole intersected QFP dykes that were not observed in any other hole of this program. Anomalous gold values begin at 162.6 metres. The 88-4 Zone target was intersected from 162.6 metres to 173.75 metres. The Zone consists of siliceous, locally brecciated, mineralized sediments. Mineralization is up to 5% pyrrhotite, 4% pyrite, trace arsenopyrite and trace sphalerite. Fine grained, pinprick clusters of visible gold were observed at 164.8 metres, 171.8 metres, 171.9 metres, 172.1 metres, 172.2 metres.

The hole then proceeded through basalt with minor, <1.0 metre wide argillite/sediment layers till the end of hole at 177.5 metres.

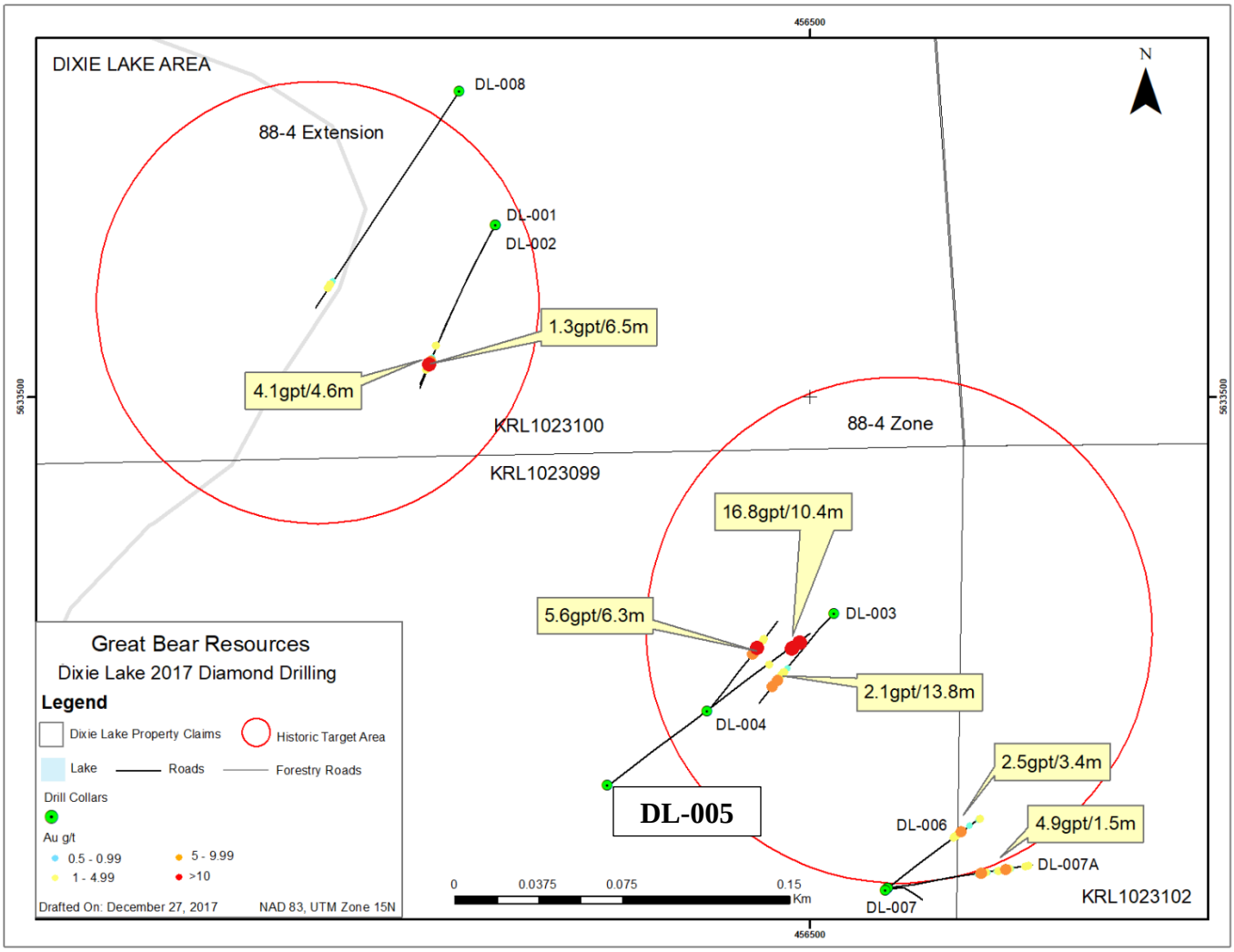

Figure 8: DL-005 Location (Composite widths are core length).

Table 8: Significant composited gold results from DL-005 (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-005		162.6	173	10.4	16.84
DL-005	including	164.6	172.45	7.9	21.53
DL-005	and including	164.6	166.1	1.5	12.04
DL-005	and including	170.75	172.45	1.7	82.54
DL-005	and including	171.4	172.45	1.1	130.1

DL-006: (050/-55, 90 metres)

DL-006 (Figure 9) is located 115 metres southeast of DL-004. This hole was targeting the along strike extension of historic 88-4 Zone. This hole collared in very massive, fine to medium grained basalt (?), no selvages or extrusive textures observed. Anomalous gold values begin at 63.8 metres. The 88-4 Zone target was intersected from 63.8 metres to 75.3 metres.

The Zone is more brecciated and deformed than previous intercepts with less sphalerite and arsenopyrite observed. Also, no visible gold was detected. The Zone consists of siliceous, locally brecciated, mineralized sediments. Mineralization is up to 5% pyrrhotite, 3% pyrite, <1% fine grained to blebby arsenopyrite and trace sphalerite.

The hole then proceeded through basalt with alternating, <4.5 metres wide argillite/sediment layers till the end of hole at 90.0 metres.

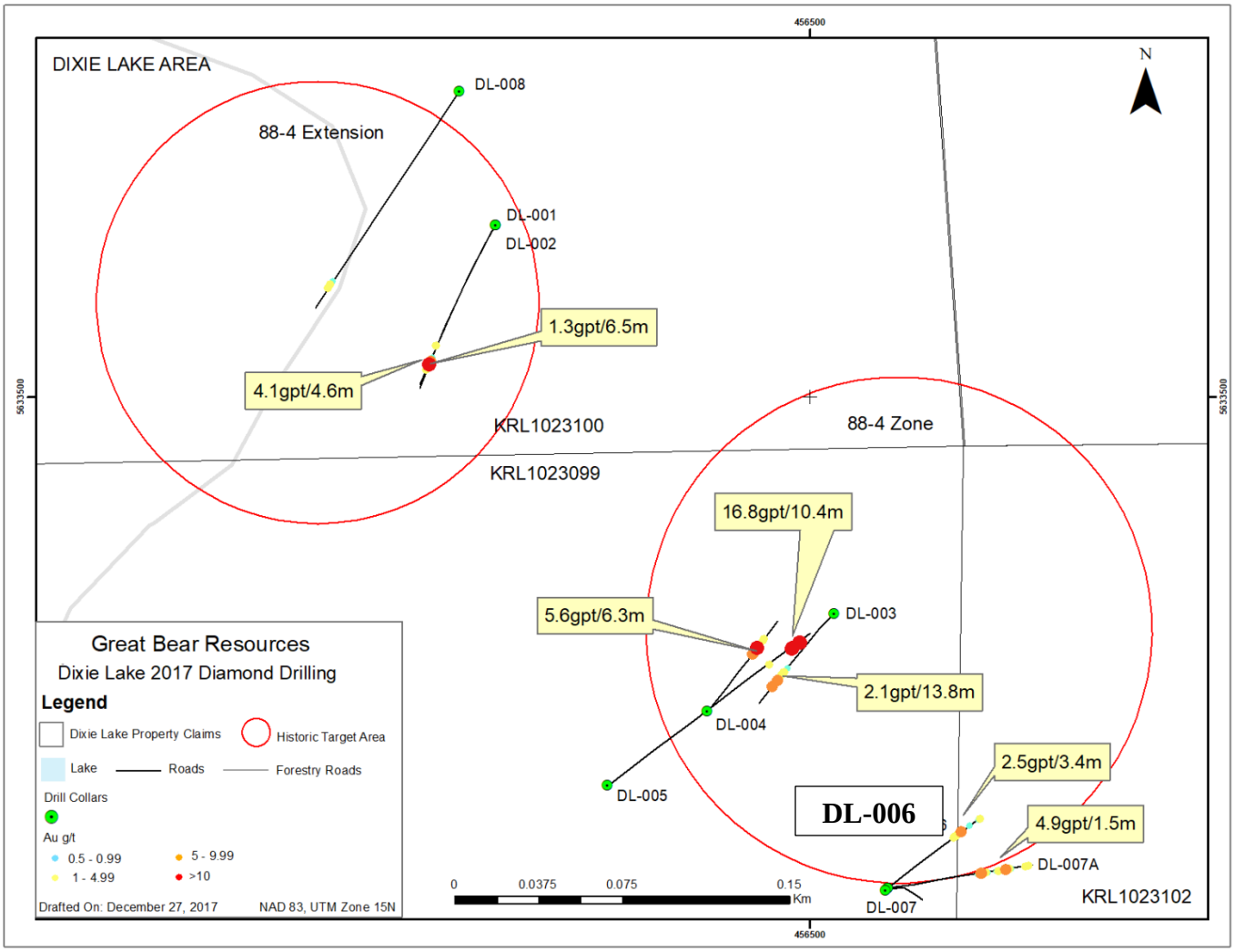

Figure 9: DL-006 Location (Composite widths are core length).

Table 9: Significant composited gold results from DL-006 (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-006		70.6	73.95	3.4	2.5

DL-007: (080/-55, 45 metres)

DL-007 is located on the same collar as DL-006. This hole was targeting the along strike extension of historic 88-4 Zone. This hole collared in very massive, fine to medium grained basalt (?), no selvages or extrusive textures observed. Surveys indicated this hole had deviated substantially in the overburden and was shut down. The target was not intersected, no samples were collected, and the hole was restarted as DL-007A

DL-007A: (080/-55, 120 metres)

DL-007A (Figure 10) is located on the same collar as DL-007. This hole was targeting the along strike extension of historic 88-4 Zone and is the restarted version of DL-007. This hole collared in very massive, fine to medium grained basalt (?), no selvages or extrusive textures observed. Anomalous gold values begin at 74.8 metres. The 88-4 Zone target was intersected from 74.8 metres to 83.4 metres. It consisted of dark grey, siliceous sediments with 5% pyrrhotite rich argillites intermixed. Some silica appears primary however at 76.5 metres is clear, dark grey, silica flooding oblique to bedding. The Zone is brecciated throughout with less arsenopyrite, sphalerite than previous intercepts and no visible gold observed. Mineralization consists of 5% pyrrhotite, 2-3% pyrite, local trace, blebby arsenopyrite, trace red sphalerite and trace chalcopyrite. The hole then proceeds through alternating basalt and argillites (5% pyrrhotite and 1% pyrite). These argillites returned gold values including 2.9 g/t over 2.0 metres and 4.2 g/t over 4.0 metres.

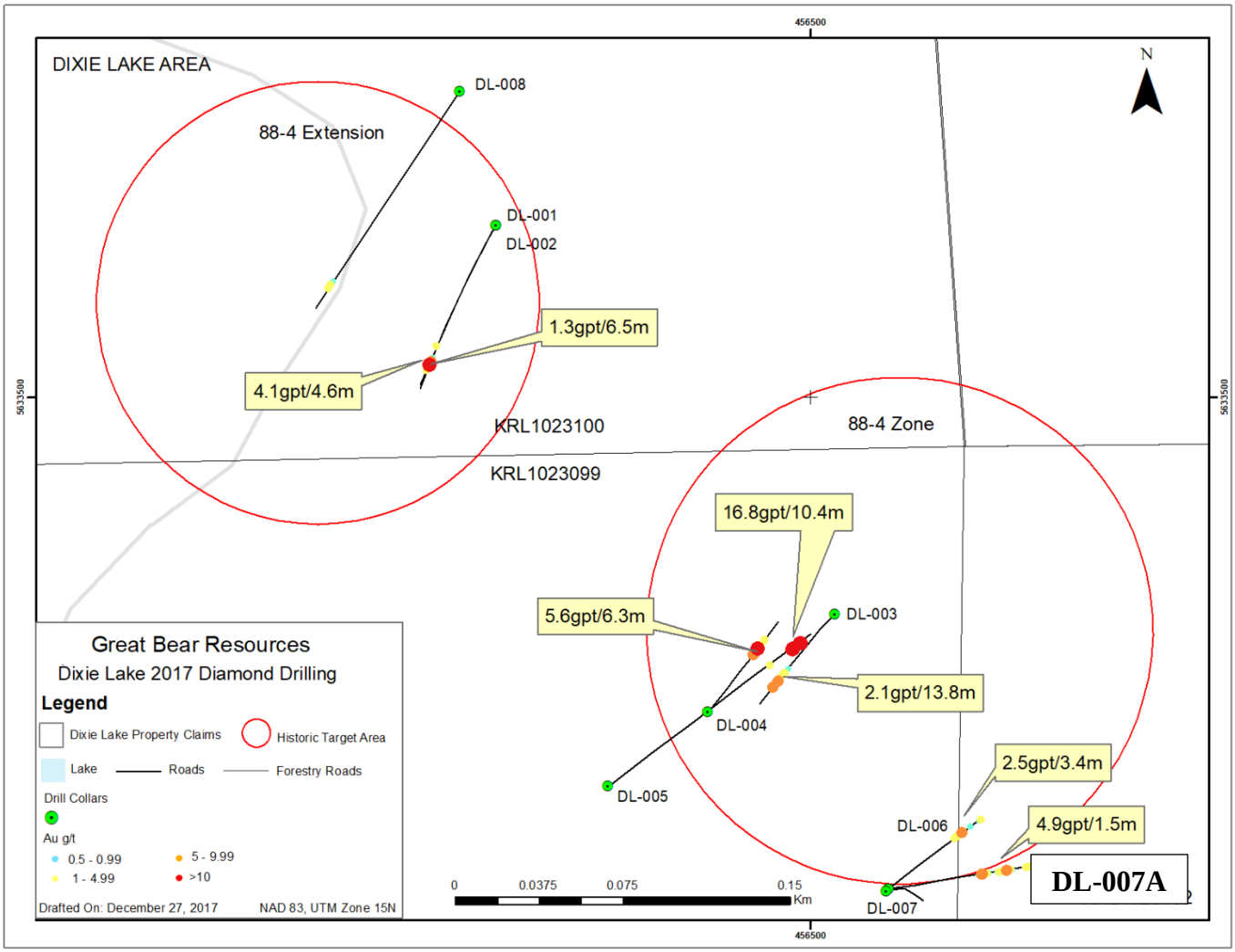

Figure 10: DL-007A Location (Composite widths are core length).

Table 10: Significant composited gold results from DL-007A (widths reported as core length).

Hole ID		From (m)	To (m)	Width (m)*	Au (g/t)
DL-007A		76.8	78.3	1.5	4.9
DL-007A		90.7	92.7	2.0	2.9
DL-007A		97.3	101.3	4.0	4.2

DL-008: (215/-55, 200 metres)

DL-008 (Figure 11) is located 60 metres north of DL-001. It targeted down plunge of the historic 88-4 Extension target. DL-008 collared in foliated basalt with up to 10%, <0.5-centimetre euhedral pink garnets. Unlike DL-001 and DL-002 (60 metres south) from 50.9 metres to 58.75 metres this hole intersected a massive rhyolite. The foliated, garnet rich basalt grades into a less altered and deformed pillow basalt (as previously observed in DL-001 and DL-002) A biotite+calcite altered shear from 169.5 metres to 172.7 metres defines a contact with sandstone and argillite. Anomalous gold values begin at 172.7 metres corresponding to the beginning of the sedimentary units. The 88-4 Extension target was intersected from 173.8 metres to 183.3 metres. It consisted of silicified, deformed and mineralized sediments. Mineralization consists of 5-10% pyrite (more pyrite dominate than previous intercepts) and 2-3% pyrrhotite. No arsenopyrite, sphalerite or visible gold was observed. The hole then proceeded through a strongly, amphibole altered massive basalt till the end of hole at 195.5 metres.

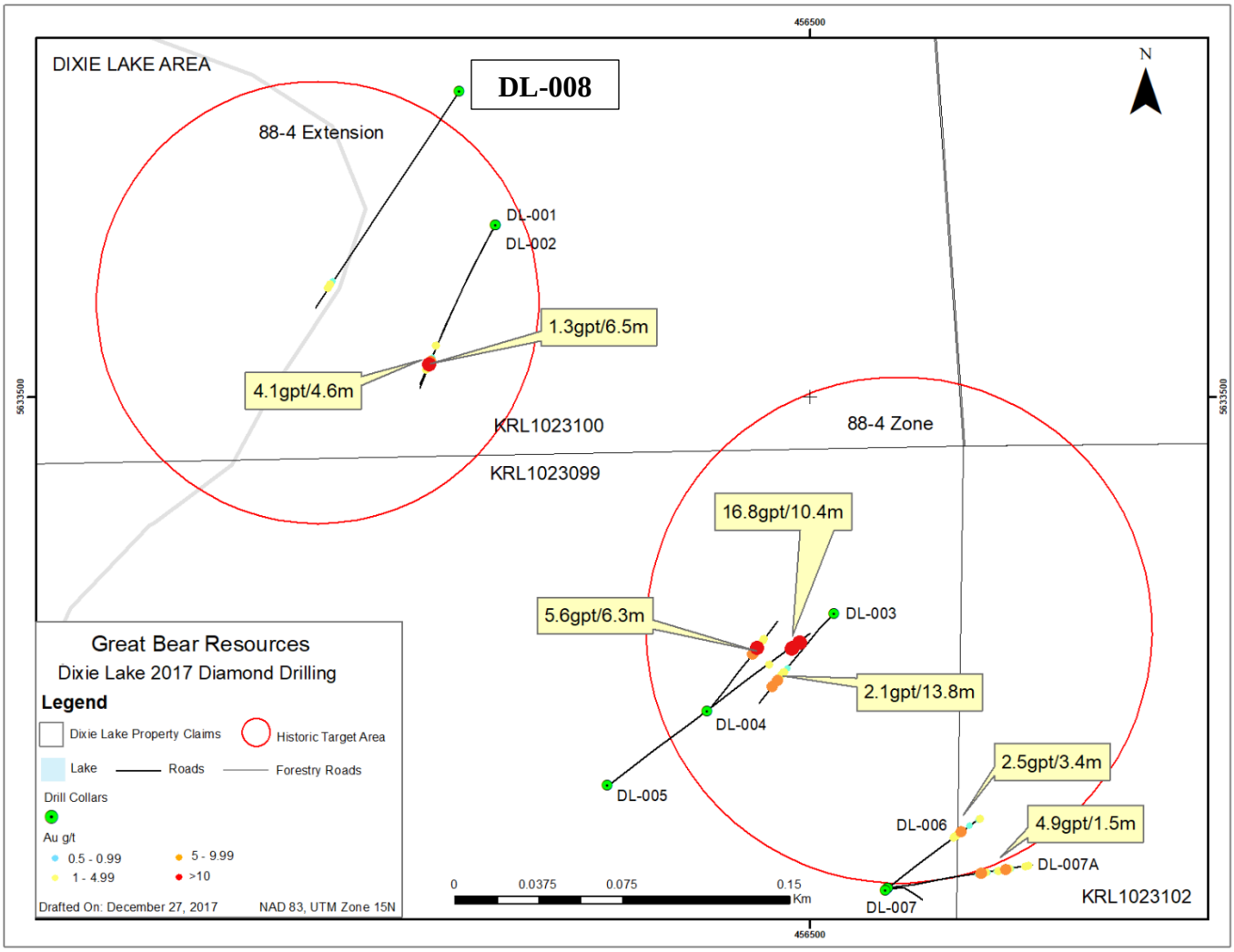

Figure 11: DL-008 Location (Composite widths are core length).

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Appendix A: Drill Logs

See attached.

Appendix B: Plans and Sections

See attached.

Appendix C: Assay Certificates

See attached.

6.0 STATEMENT OF QUALIFICATIONS

I, R. Bob Singh, do hereby certify that:

1. I reside at 14080 Bear Creek Drive, Surrey B.C. V3W 8W5
2. I am employed by Great Bear Resources Ltd., headquartered in Vancouver, BC
3. I am a graduate from the University of British Columbia with a B.Sc. Geology degree (1991) and I have practiced my profession continuously since that time.
4. I am a member in good standing with the Association of Professional Engineers and Geoscientists of BC (#30401) and of the Association of Professional Geoscientists of Ontario (1863) both with a professional geologist status.
5. I have practiced my profession as a geologist for 26 years and have worked in the mineral exploration industry since 1986. I have done extensive geological work in Canada, U.S.A (Alaska, Nevada and California) as an employee of various exploration companies and as an independent consultant. My work has included a large variety of deposit styles, including diamond exploration, epithermal and mesothermal gold-silver, copper-gold porphyry, Volcanogenic massive sulphide, and orogenic sediment hosted gold systems. I have worked on properties at all stages of exploration, from grass root, to early stage exploration through advanced stage exploration.
6. I am currently the VP of Exploration for Great Bear Resources Ltd., I have reviewed the available data pertinent to the property and I believe the property to be of sufficient merit to justify additional work.
7. I have no direct or indirect interest in the property described herein and do hold options on securities of Great Bear Resources Ltd.
8. I am a Qualified Person and Independent of Great Bear Resources Ltd., as defined by National Instrument 43-101.

Signed at Vancouver, BC, this 15th day of December 2017.

R. Bob Singh P.Geo

Great Bear Resources Ltd. ***Hole Number: DL-001***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633577.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456359.000	Drill dates	2017/07/10 - 2017/07/12	Collar survey: GPS
ELEVATION:	369.600 m	Log Dates:	2017/07/13 - 2017/07/14	Assayer : ACT Labs
LENGTH:	162.00 m	Contractor:	Chibougamau	Claim: KRL1023100
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-61.00	213.00	REFLEX
21.00	-61.00	207.10	REFLEX
72.00	-60.60	204.40	REFLEX
123.00	-60.10	203.70	REFLEX
162.00	-59.20	200.60	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-001***

From	To	Rocktype & Description
0.00	10.60	**Casing**
10.60	108.60	**Foliated Garnet Mafic Flow**
		Dark green to locally grey, recrystalized, foliated mafic volcanic.
		Light grey, calcite rich, flattened fragments with interstital coarse grained
		amphibole, chlorite, biottie and local garnets giving banded appearence
		locally. Calcite altered throughout. Locally weakly magnetic. Moderately
		foliated averaging 45 TCA. <5% mm-cm scale calcite veining which is often
		boudinaged and fragmented.
		‹ @ 15.00 fol 38° › ‹ @ 20.50 fol 34° › ‹ @ 26.50 fol 38° › ‹ @ 32.90 fol
		40° › ‹ @ 38.60 fol 40° › ‹ @ 44.00 fol 38° ›
		‹ @ 15.60 cv 40° 1.00cm › Vein contains pyrite along margins. ‹ @ 19.60 cv
		40° 1.20cm › ‹ @ 20.60 cv 40° 0.60cm › ‹ @ 29.20 cv 35° 1.00cm › ‹ @ 35.20
		qv 52° 5.0cm › cross cutting foliation. trace pyrite. ‹ @ 36.70 cv 35° 1.00cm
		› ‹ @ 37.00 cv 30° 2.50cm ›
		« 36.40- 36.80 po 1.0-2.0%»
		« 10.60- 108.60 moderate calcite alteration throughout »« moderate to
		strong wispy black biotite biotite »« <1cm euhedral garnets and ampibole »
		‹ @ 49.00 fol 40° › ‹ @ 60.00 fol 38° › ‹ @ 70.00 fol 40° ›
		« 50.00- 50.50 FZ 55°» bleached hailine fractures
		« 50.00- 50.50 py 1.0%»
		« 44.00- 44.50 FZ 65°» Bleached hairline fractures cutting foliation
		‹ @ 65.90 qv 45° 15.0cm ›
		« 65.90- 66.20 cpy -0.1%» « po -0.1%» Late quartz calcite vein. mm
		blebs of chalco and pyrrho.

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
10.60	12.00	278001	1.40	0.005				
12.00	13.50	278002	1.50	0.005				
13.50	15.00	278003	1.50	0.008				
15.00	16.50	278004	1.50	0.005				
16.50	18.00	278005	1.50	0.008				
18.00	19.50	278006	1.50	0.005				
19.50	21.00	278007	1.50	0.005				
21.00	22.50	278008	1.50	0.005				
22.50	24.00	278009	1.50	0.005				
24.00	25.50	278010	1.50	0.005				
25.50	27.00	278011	1.50	0.005				
27.00	28.50	278012	1.50	0.005				
28.50	30.00	278013	1.50	0.005				
30.00	31.50	278014	1.50	0.005				
31.50	33.00	278015	1.50	0.005				
33.00	34.00	278016	1.00	0.005				
34.00	35.00	278017	1.00	0.005				
35.00	36.00	278018	1.00	0.005				
36.00	37.00	278019	1.00	0.005		1.0-2.0%		
37.00	38.50	278020	1.50	0.005				
38.50	40.00	278021	1.50	0.005				
40.00	41.50	278022	1.50	0.005				
41.50	43.00	278023	1.50	0.005				
43.00	44.50	278024	1.50	0.005				
44.50	44.51	278025	0.01		Blank			

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
			44.50	46.00	278026	1.50	0.005				
		« 52.50- 52.70 po -3.0%» fine grained diss pyrrhotite near mm scale	46.00	48.00	278027	2.00	0.009				
		calcite veining	48.00	49.00	278028	1.00	0.005				
		‹ @ 53.00 qv 40° 3.0cm › « py -0.1%» with calcite	49.00	50.00	278029	1.00	0.005	1.00%			
		‹ @ 53.30 qv 40° 2.0cm › with calcite	50.00	50.50	278030	0.50	0.005	1.00%			
		« 53.30- 53.40 py -0.1%»	50.50	52.00	278031	1.50	0.005	1.00%			
		‹ @ 53.50 qv 45° 3.0cm › with calcite	52.00	53.00	278032	1.00	0.005	0.10%	3-5%		
		‹ @ 57.40 qv 40° 3.0cm › stringer zone	53.00	53.60	278033	0.60	0.009	0.10%	3-5%		
		« 57.40- 57.70 py -1.0%»	53.60	55.00	278034	1.40	0.005				
		« 59.60- 60.80 FZ 50°» bleached hairline fault zone	55.00	56.50	278035	1.50	0.005				
		« 60.70- 60.80 py -5.0%» pyrite in calcite in bleached fault zone	56.50	57.40	278036	0.90	0.005	1.00%			
			57.40	58.60	278037	1.20	0.005	1.00%			
		‹ @ 88.30 cv 45° 1.00cm › crosscuts foliation.	58.60	59.80	278038	1.20	0.005				
		« 88.20- 88.30 py 1.0%» blebby pyrite in clcite cutting foliation	59.80	60.80	278039	1.00	0.005	5.00%			
		‹ @ 93.00 fol 43° ›	60.80	60.81	278040	0.01	Standard				.
		‹ @ 91.50 cv 45° 1.50cm ›	60.80	61.80	278041	1.00	0.005	5.00%			
		‹ @ 100.00 fol 40° ›	61.80	62.30	278042	0.50	0.017				
		‹ @ 108.60 LCT 38° › Sheared lower contact with less recrystalized pillowed	62.30	63.50	278043	1.20	0.005				
		mafic volcanic	63.50	64.80	278044	1.30	0.005				
			64.80	65.80	278045	1.00	0.005				
			65.80	66.10	278046	0.30	0.005				
			66.10	66.80	278047	0.70	0.005				
			66.80	67.50	278048	0.70	0.005				
			67.50	69.00	278049	1.50	0.005				
			69.00	70.50	278050	1.50	0.005				
			70.50	72.00	278051	1.50	0.005				
			72.00	73.50	278052	1.50	0.006				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
			73.50	75.00	278053	1.50	0.005				
			75.00	76.50	278054	1.50	0.005				
			76.50	78.00	278055	1.50	0.005				
			78.00	78.01	278056	0.01		Blank			
			78.00	79.50	278057	1.50	0.005				
			79.50	81.00	278058	1.50	0.005				
			81.00	82.50	278059	1.50	0.005				
			82.50	84.00	278060	1.50	0.005				
			84.00	85.50	278061	1.50	0.005				
			85.50	87.00	278062	1.50	0.005				
			85.50	87.00	278063	1.50		Duplicate			
			87.00	88.50	278064	1.50	0.005	1.00%			
			88.50	90.00	278065	1.50	0.005				
			90.00	91.50	278066	1.50	0.005				
			91.50	93.00	278067	1.50	0.005				
			93.00	94.50	278068	1.50	0.005				
			94.50	94.51	278069	0.01		Standard			
			94.50	96.00	278070	1.50	0.005				
			96.00	97.50	278071	1.50	0.005				
			97.50	99.00	278072	1.50	0.005				
			99.00	99.01	278073	0.01		Blank			
			99.00	100.50	278074	1.50	0.005				
			100.50	102.00	278075	1.50	0.005				
			102.00	103.50	278076	1.50	0.005				
			103.50	105.00	278077	1.50	0.005				
			103.50	105.00	278078	1.50		Duplicate			
			105.00	106.50	278079	1.50	0.005				

From	To	Rocktype & Description
108.60	**111.00**	**Shear zone**
		Sheared pillow basalt at lower contact of recrystalized volcanic.
		Strong foliation and mm-cm bands of intense biotite. Magnetic. 1% fine grained
		diss pyrite throughout. Gradational lower contact with less sheared pillow
		basalt.
		‹ @ 110.00 fol 40° ›
		« FZ 40°»
		« bio »
		« py 0.1-1.0%»
111.00	**130.50**	**Biotite Selvage Pillowed Mafic**
		Medium green, fine grained pillow basalt.
		Pillows flattened and <30cm. Calcite selvages. <cm scale biotite altered chill
		margins (giving wispy appearance) Unmineralized. Locally trace pyrite in
		selvages. Moderately deformed with weak to moderate foliation. 120.3m-120.9m
		50% qtz-cal veining parallel to foliation <10cm wide. <1% po.
		125.7m-126.0m low angle qtzcarb vein. Tace pyrite. Gradational lower contact
		into increased biotite altered basalt.
		« biotite altered chill margin »
		‹ @ 117.00 fol 40° ›
		‹ @ 120.30 qv 45° 10.0cm ›
		« 120.30- 120.90 po 0.1-1.0%»
		‹ @ 125.70 qv 20° 4.0cm › « po 0.5%» « py 0.5%»

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
106.50	108.00	278080	1.50	0.005				
108.00	108.60	278081	0.60	0.005	0.10-1.00			
108.60	109.10	278082	0.50	0.005	0.10-1.00			
109.10	110.00	278083	0.90	0.005	0.10-1.00			
110.00	111.00	278084	1.00	0.005	0.10-1.00			
111.00	111.01	278085	0.01	Standard				
111.00	112.50	278086	1.50	0.005	0.10-1.00			
112.50	114.00	278087	1.50	0.005				
114.00	115.50	278088	1.50	0.005				
115.50	117.00	278089	1.50	0.005				
117.00	118.50	278090	1.50	0.005				
118.50	118.51	278091	0.01		Blank			
118.50	119.50	278092	1.00	0.006				
119.50	120.30	278093	0.80	0.012	0.50%			
120.30	120.90	278094	0.60	0.026	0.50%			
120.90	122.00	278095	1.10	0.007	0.50%			
122.00	123.00	278096	1.00	0.006				
123.00	124.50	278097	1.50	0.008				
124.50	125.50	278098	1.00	0.008				
125.50	126.00	278099	0.50	0.005				
125.50	126.00	278100	0.50		Duplicate			

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
			126.00	127.50	278101	1.50	0.007				
			127.50	129.00	278102	1.50	0.006				
			129.00	130.50	278103	1.50	0.005				
130.50	**133.00**	**Shear zone**	130.50	130.51	278104	0.01	Standard				
Same as unit above increase in biotite and moderate to strongly foliated. Sharp			130.50	132.00	278105	1.50	0.005				
conformable lower contact .			132.00	133.00	278106	1.00	0.076	5.00%	3-5%		0.50%
At 132.5m: 1cm massive pyritevein 20TCA cutting foliation. Also, <1% blebby											
arsenopyrite within pyrite.											
‹ @ 131.50 fol 38° › « moderate to strong biotite 0°»« 132.50- 132.51 py											
5.0%» « aspy -0.50%» ‹ @ 133.00 LCT 45° ›											
133.00	**133.60**	**Argillite**	133.00	133.60	278107	0.60	0.065		3-5%	0.10%	
Black to grey, thinnly bedded sediments. Argillite>>siltstone. Bedding <2cm											
thick. 3-5% pyrrhotite as diss, blebs and bedding parallel, mm scale stringers.											
Few mm scale blebs of red sphalerite at 133.3m. Strongly magnetic. Conformable											
bedding parallel lower contact with dyke? (possible massive sed bed).											
« blebby and stringer po » « po 3.0-5.0%»											
« 133.30- 133.31 sph 0.1%» ‹ @ 133.60 LCT 40° ›											
133.60	**134.30**	**Sediments**	133.60	134.30	278108	0.70	0.877		3-5%		
Dark grey, fine grained massive sediments. Weakly foliated. Strong magnetic.											
Sharp upper and lower contact 40TCA. 5% very fine grained diss pyrrhotite.											
« po 5.0-7.0%» ‹ @ 133.90 fol 42° › ‹ @ 134.30 LCT 40° ›											
134.30	**136.00**	**Argillite**	134.30	135.00	278109	0.70	0.219		5-7%		
Black to grey med-thin bedded argillite>siltstone. 5-10% pyrrhotite diss, mm			135.00	136.00	278110	1.00	0.210	1.00%	5-10%	0.50%	0.50%

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		stringer, and networked. Internal dyke 135.35m-135.75m. Dyke fine grained and massive; strongly magnetic; sharp upper and irregular lower contact. Sediment lower contact sharp gradational to siliceous unit.									
		« 134.30- 135.35 po 5.0-10.0%» « 135.75- 136.0 po 5.0-10.0%» ‹ @ 135.00 fol 45° › ‹ @ 136.0 LCT 45° ›									
136.00	**136.40**	**Altered Zone**	136.00	136.40	278111	0.40	0.577	1.00%	5-10%	0.50%	0.50%
		Silicified unit, possible silica flooding or deformed cherty layer. Upper and lower contacts are not sharp but are more gradational and irregular but parallel to bedding. Dark grey silica dominates interval. Moderately foliated and mineralized with 3-5% pyrrhotite, blebby and diss; pyrite 1% diss and blebby; arsenopyrite <1% diss fine grained; <1% red fine grained sphalerite.									
		« po 3.0-5.0%» « aspy -0.50%» « py 1.0%» « sph 0.5%» ‹ @ 136.00 fol 35° › ‹ @ 136.40 LCT 38° ›									
136.40	**138.30**	**Sediments**	136.40	137.00	278112	0.60	3.790	1.00%	3-5%	0.50%	0.50%
		Dark grey, fine grained, massive sediments. Weakly foliated. 3% very fine grained to blebby pyrrhotite. Sharp lower contact with silica rich sediments.	137.00	137.80	278113	0.80	5.320		3%		
			137.80	137.81	278114	0.01		Blank			
		« po 3.0%» ‹ @ 137.50 fol 35° › ‹ @ 138.30 LCT 40° ›	137.80	138.30	278115	0.50	6.410	1.00-3.00	3%	0.50%	1.00%
138.30	**141.00**	**ALT** VG	138.30	138.90	278116	0.60	1.140	1.00-3.00	3%	0.50%	1.00%
		Dark to light grey, sediments with silica flooding and or cherty layers. One example from 139.45m to 139.75 is more veinlike contacts are sharper but still parallel to bedding.	138.90	139.40	278117	0.50	0.713	1.00-3.00	5%	0.50%	1.00%
			139.40	139.90	278118	0.50	1.120	3.00%	5%	0.10%	0.50%
			139.90	140.50	278119	0.60	3.550	1.00-3.00	5%	0.50%	1.00%
			140.50	141.00	278120	0.50	10.500	1.00-3.00	5%	0.50%	1.00%
		Total silica 50-65% of interval. Well mineralized with 5% fine grained to									

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		blebby pyrrhotite, 1-3% pyrite, 1% fine grained diss to blebby arsenopyrite,									
		<1% fine grained mm scale blebs of red sphalerite. Locally silica is									
		brecciated. Foliation varies from moderate to strong but consistant angle of									
		38TCA. Sericite and chlorite altered near breccias.									
		2 specks of ‹ @ 138.35 VG 1 › on cut core surface.Sample 278116.									
		Locally mm scale pyrite stringers cutting foliation at high angle.									
		From 139.1m to 139.2m is a dark black moderately deformed, mafic dyke with 1%									
		diss fine grained pyrrhotite. Strongly magnetic.									
		Sharp undeformed contact with relatively undeformed and unaltered massive mafic									
		volcanic.									
		‹ @ 139.45 qv 40° 30.0cm ›									
		« 139.45- 139.75 po 5.0%» « py 3.0%» « aspy -0.50%» « sph 0.1%»									
		« 138.30- 141.00 po 5.0%» « py 1.0-3.0%» « aspy -1.00% 1.00» « sph 0.5%»									
		‹ @ 138.30 fol 35° ›									
141.00	**162.00**	**Mafic Flow**	141.00	141.50	278121	0.50	0.299	1.00-3.00	5%	0.50%	1.00%
		Dark green, medium to coarse grained, very massive, mafic. Does not contain the	141.50	142.00	278122	0.50	0.016				
		light grey fragments or garnets as seen in recrystalized mafic unit at top of	142.00	143.00	278123	1.00	0.010				
		hole. <.5cm rectangular, amphibole crystals. 3% <cm scale calcite veins. Weakly	143.00	144.00	278124	1.00	0.009				
		to locally moderately foliated 40TCA.	144.00	145.00	278125	1.00	0.009				
		Gougey broken core from 146.5 to 146.8m	144.00	145.00	278126	1.00		Duplicate			
		Massive, undeformed mafic dyke from 148.2m-148.5m. Fine grained, massive with	145.00	146.50	278127	1.50	0.006				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		chill margins.	146.50	148.00	278128	1.50	0.022				
		Not magnetic.	148.00	149.50	278129	1.50	0.008				
			149.50	149.51	278130	0.01	Standard				.
		« weak to moderate calcite altered »	149.50	151.00	278131	1.50	0.010				
		« 146.50- 146.80 FZ 70°»	151.00	152.50	278132	1.50	0.006				
		« 145.80- 145.81 FZ 70°» cm gouge« Fine grained massive mafic dyke.	152.50	154.00	278133	1.50	0.010				
		sharp chill margins Mafic-dyke »	154.00	155.50	278134	1.50	0.010				
			155.50	157.00	278135	1.50	0.008				
			157.00	158.50	278136	1.50	0.008				
			158.50	160.00	278137	1.50	0.010				
			160.00	161.00	278138	1.00	0.013				
			161.00	162.00	278139	1.00	0.014				
162.00	**162.00**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-002***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633577.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456359.000	Drill dates	2017/07/13 - 2017/07/14	Collar survey: GPS
ELEVATION:	369.600 m	Log Dates:	2017/07/15 - 2017/07/17	Assayer : ACT Labs
LENGTH:	141.00 m	Contractor:	Chibougamau	Claim: KRL1023100
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-55.00	215.00	REFLEX
21.00	-56.90	206.10	REFLEX
72.00	-56.30	205.80	REFLEX
117.00	-55.00	202.10	REFLEX
141.00	-54.50	203.80	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-002***

From	To	Rocktype & Description
0.00	10.40	**Casing**
10.40	97.00	**Foliated Garnet Mafic Flow**
Dark green to locally grey, recrystalized, foliated mafic volcanic.		
Light grey, calcite rich, flattened fragments with interstital coarse grained		
amphibole, chlorite, biottie and local garnets giving banded appearence		
locally. Calcite altered throughout. Locally weakly magnetic. Moderately		
foliated averaging 45 TCA. <5% mm-cm scale calcite veining which is often		
boudinaged and fragmented.		
From 43.2m to 46.9m are local bleached, sericite altered hailine fracture		
faults. At oblique angle to foliation.		
59.4m-59.6m, 64.3m-64.6m, 69.8m-70.0m, 83.2m-83.7m late qtz-cal veins with <1%		
fine grained diss pyrrhotite and pyrite. Strong fine grained chlorite and cm		
scale pink garnets in adjcent wall rock.		
From 96.7m-96.8m 5cm thick semimassive pyrite band, parallel to foliation		
Sharp lower contact with strong sheared mafic volcanic.		
« weak to moderate calcite alteration »« wispy coarse weak black biotite		
alteration »« Coarse <cm scale amphilbole xtal » ‹ @ 13.70 cv 43° 1.00cm ›		
‹ @ 25.40 cv 43° 1.50cm › ‹ @ 35.40 cv 44° 10.00cm › ‹ @ 29.90 cv 45° 3.00cm		
› ‹ @ 22.00 fol 43° › ‹ @ 43.00 fol 44° ›		
‹ @ 59.40 qv 44° 4.0cm › « 59.30- 59.60 po 0.5%» « py 0.5%»		
« 61.40- 61.41 FZ 46°» cm wide gougey fault cutting foliation		
‹ @ 64.20 qv 46° 3.0cm › Group of <3cm wide veins as described above.		

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
10.40	12.00	278141	1.60	0.006				
12.00	13.50	278142	1.50	0.006				
13.50	15.00	278143	1.50	0.005				
15.00	16.50	278144	1.50	0.007				
16.50	18.00	278145	1.50	0.006				
18.00	19.50	278146	1.50	0.005				
19.50	21.00	278147	1.50	0.007				
21.00	22.50	278148	1.50	0.006				
22.50	24.00	278149	1.50	0.007				
22.50	24.00	278150	1.50		Duplicate			
24.00	25.50	278151	1.50	0.006				
25.50	27.00	278152	1.50	0.006				
27.00	28.50	278153	1.50	0.006				
28.50	30.00	278154	1.50	0.005				
30.00	31.50	278155	1.50	0.006				
31.50	33.00	278156	1.50	0.007				
33.00	34.50	278157	1.50	0.007				
34.50	36.00	278158	1.50	0.007				
36.00	37.50	278159	1.50	0.007				
37.50	37.51	278160	0.01		Standard			
37.50	39.00	278161	1.50	0.007				
39.00	40.50	278162	1.50	0.005				
40.50	42.00	278163	1.50	0.005				
42.00	43.50	278164	1.50	0.005				
43.50	45.00	278165	1.50	0.005				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		« 64.20- 64.70 po 0.5%» « py 0.5%»	45.00	46.50	278166	1.50	0.005				
		‹ @ 69.70 qv 45° 5.0cm › group of <5cm wide qtz-cal veins as described	46.50	48.00	278167	1.50	0.006				
		above. « 69.70- 70.00 po 0.1%» « py 0.1%»	48.00	49.50	278168	1.50	0.005				
		‹ @ 52.00 fol 37° › ‹ @ 75.00 fol 46° ›	49.50	51.00	278169	1.50	0.005				
		‹ @ 48.20 cv 46° 1.50cm › ‹ @ 44.80 cv 44° 2.50cm › ‹ @ 66.20 cv 44° 1.00cm	51.00	52.50	278171	1.50	0.005				
		› ‹ @ 66.35 cv 43° 2.00cm ›	52.50	54.00	278172	1.50	0.005				
		« 43.20- 43.90 FZ 60°» Bleached sericite altered hairline fractures	54.00	55.50	278173	1.50	0.005				
		cutting foliation « 43.20- 43.90 sercite altered fracture fault »	55.50	57.00	278174	1.50	0.005				
		« 45.20- 45.90 FZ 55°» bleached sercite altered hairline fractures.«	57.00	58.50	278175	1.50	0.005				
		sercite altered fracture fault »	58.50	59.20	278176	0.70	0.005				
		‹ @ 83.70 qv 44° 3.0cm › group of irregular qtz-cal veins as decribed above.	59.20	60.00	278177	0.80	0.005	0.50%	0.5%		
		« 83.20- 83.70 po 0.5%» « py 0.5%» ‹ @ 87.30 fol 46° › «	60.00	61.50	278178	1.50	0.006				
		96.70- 96.80 py 75.0%» 10 cm wide (5cm trure width) pyrite calcite layer.‹ @	61.50	63.00	278179	1.50	0.005				
		97.00 LCT 46° ›	61.50	63.00	278180	1.50		Duplicate			
			63.00	64.20	278181	1.20	0.006	0.50%	0.5%		
			64.20	64.70	278182	0.50	0.005	0.50%	0.5%		
			64.70	66.00	278183	1.30	0.006	0.50%	0.5%		
			66.00	67.50	278184	1.50	0.005				
			67.50	69.00	278185	1.50	0.005				
			69.00	70.00	278186	1.00	0.005	0.10%	0.1%		
			70.00	71.00	278187	1.00	0.005	0.10%	0.1%		
			71.00	72.00	278188	1.00	0.005				
			72.00	73.50	278189	1.50	0.005				
			73.50	73.51	278190	0.01	Standard				
			73.50	75.00	278191	1.50	0.005				
			75.00	76.50	278192	1.50	0.007				
			76.50	78.00	278193	1.50	0.014				

From	To	Rocktype & Description
97.00	**98.40**	**Shear zone**
		Strongly foliated, dark brown, banded mafic volcanic. Strong, coarse black biotite with flattened mafic fragments. Wisps of calcite. At 98.1m: 1.5cm wide calcite-vein parallel to foliation with 5% diss pyrite. Sharp lower contact with undeformed mafic dyke 45 TCA.
		« Strong coarse black biotite 0°» « wispy and pervasive calcite 0°» ‹ @ 98.10 fol 45° › ‹ @ 98.10 cv 45° 2.00cm › « 98.10- 98.12 py 5.0%» ‹ @ 97.90 cv 45° 1.00cm › « 97.90- 97.92 py 3.0-5.0%» ‹ @ 98.40 LCT 45° ›
98.40	**98.60**	**Mafic-dyke**
		Dark grey, fine grained mafic dyke. Undeformed, calcite altered. Sharp upper

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
78.00	79.50	278194	1.50	0.005				
79.50	81.00	278195	1.50	0.005				
81.00	82.50	278196	1.50	0.005				
82.50	84.00	278197	1.50	0.006	0.50%	0.5%		
84.00	85.50	278198	1.50	0.006				
85.50	87.00	278199	1.50	0.005				
87.00	87.01	278200	0.01		Blank			
87.00	88.50	278201	1.50	0.005				
88.50	90.00	278202	1.50	0.005				
90.00	91.50	278203	1.50	0.005				
91.50	93.00	278204	1.50	0.005				
93.00	94.50	278205	1.50	0.005				
94.50	96.00	278206	1.50	0.005				
96.00	96.50	278207	0.50	0.005				
96.50	97.00	278208	0.50	0.005	75.00%			
97.00	97.60	278209	0.60	0.005				
97.00	97.60	278210	0.60		Duplicate			
97.60	98.20	278211	0.60	0.005	5.00%			
98.20	99.00	278212	0.80	0.005				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		and lower contacts with chill margins 45 TCA.									
		« pervasive calcite alteration »‹ @ 98.60 LCT 45° ›									
98.60	**120.30**	**Biotite Selvage Pillowed Mafic**	99.00	100.50	278213	1.50	0.005				
		Moderately deformed pillow basalt.	100.50	102.00	278214	1.50	0.006				
		Light to medium green fine grained pillow basalts. Pillows small <30cm	102.00	103.50	278215	1.50	0.016				
		averaging a few cm. Light brown, cm scale biotite halo on pillow margins giving	103.50	104.20	278216	0.70	0.015				
		wispy biotite appearance. <5% interstital calcite. Locally stronger	104.20	105.00	278217	0.80	0.033	0.10%			
		deformation towards lower contact. At 120.2m 1.5cm massive pyrite band cutting	105.00	106.50	278218	1.50	0.013				
		foliation. Sharp lower contact with sediments.	106.50	108.00	278219	1.50	0.008				
			108.00	108.10	278220	0.10	1.100				
		‹ @ 104.55 qv 20° 5.0cm › Late quartz chlorite-vein cutting foliation	108.00	109.50	278221	1.50	0.010				
		« 104.55- 104.75 py 0.1%»	109.50	111.00	278222	1.50	0.015				
		‹ @ 108.40 cv 50° 3.00cm › barren calcte>quartz ‹ @ 109.00 barren	111.00	112.50	278223	1.50	0.014				
		calcite>qtz vein › ‹ @ 108.10 fol 44° › « 110.50- 111.30 FZ 46°» « bio »	112.50	114.00	278224	1.50	0.007				
		« 118.40- 119.00 FZ 55°» « bio » ‹ @ 111.00 cv 50° 3.00cm ›	114.00	115.50	278225	1.50	0.007				
		« 120.20- 120.22 py 15.0%» ‹ @ 120.30 LCT 45° ›	115.50	117.00	278226	1.50	0.009				
			117.00	118.40	278227	1.40	0.007				
			118.40	119.00	278228	0.60	0.012				
			119.00	119.80	278229	0.80	0.024				
			119.80	119.81	278230	0.01		Blank			
			119.80	120.30	278231	0.50	0.148	15.00%			
120.30	**122.00**	**Argillite**	120.30	121.10	278232	0.80	0.395	5.00-10.00			
		Thinly bedded, black argillite with cm scale silty beds.	121.10	122.00	278233	0.90	0.214	5.00-10.00			
		mm scale calcite+pyrrhotite+pyrite layers generally planar but locally									
		contorted and boudinaged. Locally calcite+pyrrhotite+pyrite blebs <1cm.									
		Extremely magnetic. Bedding tops downhole?									

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		« py 5.0-10.0%» blebby, banded locally networked. « po 5.0-10.0%»									
		‹ @ 121.40 fol 45° › ‹ @ 45.00 LCT 0° ›									
122.00	**125.70**	**Sediments**	122.00	122.50	278234	0.50	3.270	5.00-7.00	3.0%		
		Dark grey, fine grained siltstone.	122.50	123.00	278235	0.50	1.770	5.00-7.00	3.0%		
		Fairly massive. Weakly to moderately foliated. 3-5% very fine grained	123.00	123.50	278236	0.50	0.466	2.00-3.00	3.0-5.0%		
		pyrrhotite throughout. Moderate wispy biotite alteration.	123.50	124.00	278237	0.50	0.062	2.00-3.00	3.0-5.0%		
		From 122.5m-122.75m unit brcciated with increase in pyrite to 5-7%.	124.00	124.50	278238	0.50	0.138	5.00%	3.0-5.0%		
		From 123.8m-124.0m core is broken and gougey with late crystalline calcite.	124.50	125.00	278239	0.50	1.740	2.00-3.00	3.0-5.0%		
		At 124.1m and 124.3m are two 1.5cm wide planar calcite+chlorite+5% pyrite veins	124.50	125.00	278240	0.50		Duplicate			
		perpindicular to foliation.	125.00	125.70	278241	0.70	4.000	3.00%	3.0%	0.10%	1.50%
		Sharp lower contact 50TCA with silica rich interval.									
		« po 3.0-5.0%»« 122.00- 125.70 py 2.0-3.0%» very fine grained and									
		disseminated « wispy biotite alteration »									
		« 123.80- 124.00 FZ 45°» broken gougey core									
		« 122.50- 122.75 py 5.0-7.0%» « po 3.0%» brecciated interval									
		‹ @ 124.10 cv 45° 1.50cm › ‹ @ 124.30 cv 45° 1.50cm › perpindicular to									
		foliation with 5% pyrite « 124.10- 124.11 py 5.0%» « 124.30- 124.31 py									
		5.0%» ‹ @ 123.50 fol 41° › ‹ @ 125.70 LCT 50° ›									
125.70	**128.50**	**ALT**	125.70	126.10	278242	0.40	0.733	3.00%	3.0%	0.10%	1.50%
		Silica rich, mineralized interval. More massive silica compared to DL-001.	126.10	126.50	278243	0.40	0.112	3.00%	3.0%	0.10%	1.50%
		Weakly deformed, massive silica from 125.7m to 126.5m. 3% fine grained, diss	126.50	127.05	278244	0.55	0.279	3.00%	3.0%	0.10%	1.50%
		pyrrhotite, 3% fine grained pyrite, 1-2% fine grained, diss arsenopyrite, trace	127.05	127.55	278245	0.50	0.923	3.00-5.00	3.0-5.0%	0.10%	0.50%
		very fine grained, red sphalerite.	127.55	128.05	278246	0.50	0.806	3.00-5.00	3.0-5.0%	0.10%	0.50%
		From 126.5m to 128.5m the silica becomes increasingly deformed,	128.05	128.50	278247	0.45	1.640	3.00-5.00	3.0-5.0%	0.10%	0.50%
		brecciated/foliated and increase in chlorite sericite alteration. Mottled									

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
appearance. Sulfides are fine to very fine and are concentrated near alteration											
zones. 3-5% pyrite, 3-5% pyrrhotite, <1% arsenopyrite. Trace red sphalerite.											
Lower contact becomes brecciated with stronger strain.											
« 125.70- 126.50 po 3.0%» « py 3.0%» « aspy -1.50%» « sph 0.1%»											
« 126.50- 128.50 py 3.0-5.0%» « po 3.0-5.0%» « aspy -0.50%» « sph 0.1%»											
« chl+sericite alteration 0°»											
‹ @ 127.10 fol 42° ›											
‹ @ 128.50 LCT 47° ›											
128.50	**141.00**	**Mafic Flow**	128.50	129.00	278248	0.50	0.491	3.00-5.00	3.0-5.0%	0.10%	0.50%
Dark grey to green, fine to medium grained, weakly deformed mafic volcanic.			129.00	130.00	278249	1.00	0.013				
Chlorite altered. Unmineralized. 2-3% mm scale calcite stringers/breccia.			130.00	130.01	278250	0.01	Standard				.
			130.00	131.50	278251	1.50	0.007				
‹ @ 137.00 fol 47° ›			131.50	133.00	278252	1.50	0.005				
‹ @ 130.80 cv 45° 1.50cm › unmineralized planar-vein			133.00	134.50	278253	1.50	0.006				
« chl »			134.50	136.00	278254	1.50	0.007				
			136.00	137.50	278255	1.50	0.005				
			137.50	139.00	278256	1.50	0.005				
			139.00	140.00	278257	1.00	0.005				
			140.00	141.00	278258	1.00	0.005				
141.00	**141.00**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-003***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633403.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456511.000	Drill dates	2017/07/14 - 2017/07/15	Collar survey: GPS
ELEVATION:	355.000 m	Log Dates:	2017/07/16 - 2017/07/18	Assayer : ACT Labs
LENGTH:	75.00 m	Contractor:	Chibougamau	Claim: KRL1023099
Core Size : NQ2 Core Storage: On Site		Comments Signature:		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-50.00	225.00	REFLEX
24.00	-49.90	219.50	REFLEX
75.00	-49.60	219.70	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-003***

From	To	Rocktype & Description
0.00	13.90	**Casing**
13.90	32.30	**Foliated Garnet Mafic Flow**
Foliated mafic flow. Dark green, recrystalized, foliated mafic volcanic.		
Similar to unit at start of DL-001 and DL-002.		
This interval is lacking the calcite altered, grey flattened "frags" as seen at		
tops of DL-001 and DL-002.		
3-5% mm-cm calcite stringers. Moderately foliated. Chlorite altered with local		
patches of coarse dark brown biotite. <1cm euhedral amphibole and local		
garnets.		
From 27.0m-28.0m dark grey irregular silica. Flooding? Not mineralized.		
Conformable contact with argillite 42TCA		
« chlorite altered with patchy cg biotite » « 13.90- 32.30 <cm scale pink		
garnets »		
‹ @ 19.00 fol 48° › ‹ @ 26.40 qv 45° 3.0cm › perpindicular to foliation.		
Late dilational vein. Chlorite rich margins. 1% pyrite.		
« 26.40- 26.50 py 1.0%» ‹ @ 32.30 LCT 42° ›		
32.30	33.20	**Argillite**
Black argillite with mm scale bands and blebs of pyrrhotite. Strongly magnetic.		
Sharp lower contact with recystalized, foliated mafic.		
« po 5.0%» ‹ @ 33.10 fol 44° › ‹ @ 33.20 LCT 45° ›		

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
13.90	15.00	278259	1.10	0.005				
15.00	15.01	278260	0.01		Blank			
15.00	16.50	278261	1.50	0.005				
16.50	18.00	278262	1.50	0.005				
18.00	19.50	278263	1.50	0.005				
19.50	21.00	278264	1.50	0.005				
21.00	22.50	278265	1.50	0.005				
22.50	24.00	278266	1.50	0.005				
24.00	25.50	278267	1.50	0.005				
25.50	26.00	278268	0.50	0.005				
26.00	26.50	278269	0.50	0.005	1.00%			
26.00	26.50	278270	0.50		Duplicate			
26.50	27.00	278271	0.50	0.005	1.00%			
27.00	28.00	278272	1.00	0.007				
28.00	29.50	278273	1.50	0.005				
29.50	31.00	278274	1.50	0.007				
31.00	32.30	278275	1.30	0.010		5.0%		
32.30	33.20	278276	0.90	0.020		5.0%		

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
33.20	**40.20**	**Foliated Garnet Mafic Flow**	33.20	34.00	278277	0.80	0.015		5.0%		
Dark grey to green, recystalized foliated mafic volcainic as above but locally			34.00	35.50	278278	1.50	0.009				
<5cm wide intervals of argillite with 5% pyrrhotite and pyrite. Sharp lower			35.50	37.00	278279	1.50	0.019	3.00-5.00	3.0-5.0%		
contact with mafic dyke 25TCA			37.00	37.01	278280	0.01	Standard				
			37.00	38.50	278281	1.50	0.040	3.00-5.00	3.0-5.0%		
‹ @ 35.70 cv 50° 1.00cm › « 35.90- 36.10 py 3.0-5.0%» « po 3.0-5.0%» «			38.50	39.45	278282	0.95	0.005				
37.60- 37.70 py 3.0-5.0%» « po 3.0-5.0%» « 38.00- 38.15 po 3.0-5.0%» « py			39.45	40.20	278283	0.75	0.005				
3.0-5.0%»											
‹ @ 40.20 LCT 25° ›											
40.20	**42.00**	**Mafic-dyke**	40.20	41.00	278284	0.80	0.005				
Dark grey, fine grained mafic dyke. Chilled upper and lower margins with medium			41.00	42.00	278285	1.00	0.005				
grained center. Late, <10cm wide, dilational qtz>cal+chl+bio vein internal to											
dyke. Weakly foliated. Just above lower contact are a group of bleached,											
sericite altered hairline faults. These continue into mafic below.											
Sharp lower contact 30TCA.											
‹ @ 40.80 qv 45° 8.0cm › ‹ @ 40.50 fol 42° › ‹ @ 42.00 LCT 30° › «											
41.80- 43.60 bleached sericite altered hairline faults »											
42.00	**53.25**	**Foliated Garnet Mafic Flow**	42.00	43.50	278286	1.50	0.005	0.50%		0.50%	
Dark green, fine grained mafic volcanic. <5% cm scale calcite veining parallel			43.50	45.00	278287	1.50	0.006	0.50%		0.50%	
to foliation. Weakly deformed with moderate foliation averaging 45TCA.			45.00	46.50	278288	1.50	0.013				
Alteration increases in intensity towards lower contact with garnets and			46.50	48.00	278289	1.50	0.006				
amphibole crystals getting larger and more abundant. Calcite veined lower			48.00	49.50	278290	1.50	0.008				
contact 50TCA			49.50	51.00	278291	1.50	0.641				
			51.00	52.50	278292	1.50	0.161				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		At 43.4m is a 3cm wide concentration of bleached hairline faults creating a bleached breccia. Cutting foliation 70TCA. Mineralized on margins with trace pyrite and trace redish orange sphalerite.	52.50	53.25	278293	0.75	0.194	3.00%	3.0%		
		« 52.50- 53.25 coarse garnets and amphibole in chl » « 43.40- 43.50 FZ 46°» « py 0.5%» « sph 0.5%» ‹ @ 50.60 cv 45° 1.00cm › ‹ @ 53.25 LCT 50° › ‹ @ 49.60 fol 44° ›									
53.25	**53.75**	**Altered Zone - Calcite**	53.25	53.75	278294	0.50	4.260	3.00%	3.0%		0.50%
		Start of mineralized zone. Veining variable from 53.25m to 67.0m but has been broken into silica dominate and calcite dominate veined intervals. For purpose of consistency silica dominate has beened logged as "Altered Zone" and calcite dominated is "Altered Zone Calcite".									
		From 53.25m to 53.75m unit is calcite dominate with 75% cm-scale calcite veins 35TCA. Moderately mineralized with 3% pyrrhotite and pyrite. Host is mafic volcanic.									
		Gradual lower contact with silica dominate interval.									
		‹ @ 53.35 cv 40° 30.00cm › (30cm of 1 cm veins) « po 3.0%» « py 3.0%» ‹ @ 53.75 LCT 40° ›									
53.75	**54.75**	**ALT**	53.75	54.25	278295	0.50	2.280	3.00%	3.0%		0.50%
		Silica dominate interval. Strongly deformed and locally brecciated chert? Dark grey, fine grained silica. <5% calcite veining parallel to foliation. Moderately to strongly foliated. Mineralized with 5% pyrrhotite, 3-5% pyrite, <0.5% arsenopyrite (mostly towards upper contact). Chlorite+calcite alteration	54.25	54.75	278296	0.50	2.780	3.00-5.00	5.0%		0.50%

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		throughout. Gradational lower contact with mafic volcanic+calcite veining.									
		‹ @ 54.50 fol 44° › ‹ @ 54.60 cv 45° 3.00cm › « po 5.0%» « py 3.0-5.0%» « aspy -0.50%»									
54.75	**59.80**	**Altered Zone - Calcite**	54.75	55.45	278297	0.70	0.266	1.00-3.00	1.0-3.0%		0.50%
		Calcite veined mafic flow. Mafic host is dark green, recrystalized and strongly	55.45	56.00	278298	0.55	1.970	1.00-3.00	1.0-3.0%		
		deformed. Strong foliation 45TCA. Mafic recrystalized with cm scale amphibole	56.00	56.50	278299	0.50	1.270	1.00-2.00	1.0-2.0%		
		decreasing in size and intensity towards lower contact. 25% calcite veining	56.00	56.50	278300	0.50		Duplicate			
		averaging few cm (some larger up to 20cm). Larger calcite veins have cm scale	56.50	57.00	278301	0.50	0.784	1.00-3.00	1.0-3.0%		
		quartz middle. Veining parallel to foliation. Sulfides minimal in calcite and	57.00	57.50	278302	0.50	0.560	0.10-1.00	0.1-1.0%		
		mafic however locally quartz contains 3% pyrrhotite and pyrite.	57.50	58.00	278303	0.50	0.645	0.10-1.00	0.1-1.0%		
			58.00	58.60	278304	0.60	0.476	0.10-1.00	0.1-1.0%		
		From 55.45m-55.65. is a quartz-calcite breccia with cm scale angular fragments.	58.60	59.10	278305	0.50	1.630	0.10-1.00	0.1-1.0%		
		Contacts parallel to foliation. 1-3% pyrrhotite and pyrite.	59.10	59.80	278306	0.70	0.819	5.00-7.00	0.1-1.0%	0.50%	1.00%
		At 56.30m 1 cm quartz-vein parallel to foliation increase in sulfides (1-3%)									
		At 56.65m-56.8m quartz+calcite vein cutting foliation 30TCA. 1-3% pyrrhotite and pyrite.									
		From 57.75m-59.75m slight increase in quartz. Interval of 70% cm scale calcite veining with 5% quartz internal to it. 1-3% pyrrhotite and pyrite throughout but concentrated near quartz.									
		« cm scale amphibole+chlorite altered host » ‹ @ 55.45 qv 45° 15.0cm › « 55.45- 55.65 po 1.0-3.0%» « py 1.0-3.0%»									

From	To	Rocktype & Description		From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
‹ @ 56.30 qv 45° 1.0cm ›												
« 56.25- 56.35 po 1.0-2.0%» « py 1.0-2.0%»												
‹ @ 56.65 qv 30° 7.0cm ›												
« 56.65- 56.80 po 1.0-3.0%» « py 1.0-3.0%»												
‹ @ 57.75 qv 45° 2.0cm › ‹ @ 58.25 qv 45° 2.0cm › ‹ @ 58.45 qv 45° 1.5cm												
› ‹ @ 58.90 qv 50° 3.0cm ›												
« 54.75- 59.80 fine diss po and py 0°» « po 0.1-1.0%» « py 0.1-1.0%»												
59.80 67.00 ALT				59.80	60.30	278307	0.50	2.180	5.00-7.00	0.1-1.0%	0.50%	1.00%
Silica rich, strongly deformed, well mineralized interval. Dark grey to black,				60.30	60.80	278308	0.50	4.740	5.00-7.00		0.50%	1.00%
fine grained silica (possible chert) brecciated, foliated and mineralized.	VG			60.80	61.30	278309	0.50	7.960	5.00-7.00		0.50%	1.00%
Breccia frags are silica dominated, angular to subround and cm-10cm in size.				61.30	61.31	278310	0.01	Standard				
Silica itself is weakly to moderately mineralized but higher concentration in	VG			61.30	61.80	278311	0.50	3.550	5.00-7.00		0.50%	1.00%
interstital material. Mineralization includes 5-7% pyrrhotite, 3-5% pyrite,	VG			61.80	62.30	278312	0.50	0.836	5.00-7.00		0.50%	1.00%
locally 1% arsenopyrite, <1% red sphalerite, trace chalcopyrite and visible				62.30	62.80	278313	0.50	2.190	1.00%		0.50%	0.50%
gold specks.				62.80	63.40	278314	0.60	0.195	1.00%		0.50%	0.50%
				63.40	64.00	278315	0.60	1.830	1.00%		0.50%	0.50%
From 59.8m-62.8m is strongly deformed and well mineralized. 5-10% pyrrhotite ,				64.00	64.50	278316	0.50	2.200	1.00%		0.50%	0.50%
5-7% py, 1% arsenopyrite, <1% red sphalerite and trace chalcopyrite.	VG			64.50	65.00	278317	0.50	3.380	5.00-7.00		0.50%	1.00%
				65.00	65.50	278318	0.50	0.687	5.00-7.00		0.50%	1.00%
10 visible gold occurences from 60.85m-62.15m				65.50	66.00	278319	0.50	1.140	5.00-7.00		0.50%	1.00%
				66.00	66.01	278320	0.01		Blank			
VG: 60.85m-hairline fracture .5cm long filled with gold seen going into core				66.00	66.50	278321	0.50	0.894	5.00-7.00		0.50%	1.00%
61.05m- pinprick				66.50	67.00	278322	0.50	7.360	5.00-7.00		0.50%	1.00%
61.10m-pinprick												
61.20m-pinprick												

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		61.40m-pinprick									
		61.50m-pinprick									
		61.75m-pinprick									
		61.95m-pinprick									
		62.05m-pinprick									
		62.15m-mm speck in <cm quartz bleb									
		From 62.8m-64.0m is massive, weakly deformed silica zone (chert?). Decrease in deformation and mineralization. 1% pyrrhotite+pyrite+arsenopyrite.									
		From 64.0m-67.0m unit becomes strongly deformed and well mineralized same as above. Two visible gold occurences from 64.7m-64.9m.									
		VG: 64.70m-pinprick									
		64.90m-pinprick									
		« 59.80- 62.80 po 5.0-10.0%» « py 5.0-7.0%» « aspy -1.00%» « sph 0.5%» « cpy 0.1%» ‹ @ 62.40 fol 45° › ‹ @ 60.85 VG 2 › ‹ @ 61.05 VG 1 › ‹ @ 61.20 VG 1 › ‹ @ 61.40 VG 1 › ‹ @ 61.50 VG 1 › ‹ @ 61.75 VG 1 › ‹ @ 61.95 VG 1 › ‹ @ 62.05 VG › ‹ @ 62.15 VG 1 ›									
		« 62.80- 64.00 po 1.0%» « py 1.0%» « aspy -0.50%»									
		« 64.00- 67.00 po 5.0-10.0%» « py 5.0-7.0%» « aspy -1.00%» « sph 0.5%» « cpy 0.1%» ‹ @ 64.70 VG 1 › ‹ @ 64.90 VG 1 ›									
67.00	**75.00**	**Mafic Flow**	67.00	67.50	278323	0.50	0.877	5.00-7.00		0.50%	1.00%
		Massive mafic volcanic. Dark-medium green, fine-medium grained.	67.50	68.00	278324	0.50	0.059				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		<5% cm scale quartz+calcite veining parallel to foliation.	68.00	69.00	278325	1.00	0.014				
			69.00	70.00	278326	1.00	0.012				
		‹ @ 68.00 cv 50° 1.00cm ›	70.00	71.00	278327	1.00	0.029				
		‹ @ 69.40 qv 50° 1.0cm ›	71.00	72.00	278328	1.00	0.193				
		‹ @ 70.00 cv 50° 2.00cm ›	72.00	73.00	278329	1.00	0.014				
		‹ @ 74.50 qv 50° 1.0cm › « Chl+cal altered 0°»« weak patchy biotite	72.00	73.00	278330	1.00		Duplicate			
		alteration 0°»	73.00	74.00	278331	1.00	0.012				
			74.00	75.00	278332	1.00	0.008				
75.00	**75.00**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-004***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633359.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456454.000	Drill dates	2017/07/15 - 2017/07/16	Collar survey: GPS
ELEVATION:	359.000 m	Log Dates:	2017/07/17 - 2017/07/19	Assayer : ACT Labs
LENGTH:	87.00 m	Contractor:	Chibougamau	Claim: KRL1023099
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-53.00	40.00	REFLEX
33.00	-55.00	37.50	REFLEX
87.00	-54.60	37.50	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-004***

From	To	Rocktype & Description
0.00	**22.00**	**Casing**
22.00	**53.90**	**Mafic Flow**
		Dark green, fine-medium grained mafic volcanic.
		<5% cm scale cal>qtz veins parallel to foliation. Weak to moderate foliation
		20-30TCA. Non-magneitc. Unmineralized. Sharp lower contact with mafic dyke
		60TCA.
		‹ @ 35.80 cv 25° 1.00cm › ‹ @ 37.80 cv 30° 1.00cm › ‹ @ 47.10 qv 15°
		3.0cm › ‹ @ 52.40 cv 20° 1.50cm › ‹ @ 34.00 fol 25° › ‹ @ 49.00 fol 25° ›
		‹ @ 53.90 LCT 60° ›
53.90	**54.90**	**Mafic-dyke**

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
22.00	23.00	278333	1.00	0.007				
23.00	24.00	278334	1.00	0.005				
24.00	25.50	278335	1.50	0.005				
25.50	27.00	278336	1.50	0.005				
27.00	28.50	278337	1.50	0.005				
28.50	30.00	278338	1.50	0.009				
30.00	31.50	278339	1.50	0.008				
31.50	31.51	278340	0.01	Standard				
31.50	33.00	278341	1.50	0.008				
33.00	34.50	278342	1.50	0.007				
34.50	36.00	278343	1.50	0.009				
36.00	37.50	278344	1.50	0.005				
37.50	39.00	278345	1.50	0.006				
39.00	40.50	278346	1.50	0.006				
40.50	42.00	278347	1.50	0.008				
42.00	43.50	278348	1.50	0.007				
43.50	45.00	278349	1.50	0.008				
45.00	45.01	278350	0.01		Blank			
45.00	46.50	278351	1.50	0.014				
46.50	48.00	278352	1.50	0.009				
48.00	49.50	278353	1.50	0.010				
49.50	51.00	278354	1.50	0.008				
51.00	52.50	278355	1.50	0.009				
52.50	53.90	278356	1.40	0.006				
53.90	54.90	278357	1.00	0.009				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		Dark grey, fine grained mafic dyke.									
		Weakly foliated. Sharp upper and lower contacts cutting host foliation.									
		‹ @ 54.90 LCT 39° › ‹ @ 54.30 fol 40° ›									
54.90	**55.40**	**Mafic Flow**	54.90	55.40	278358	0.50	1.110	2.00-3.00	2.0-3.0%	0.10%	1.00%
		Small interval of mafic as logged above. Broken lower contact with mineralized									
		"Zone".									
55.40	**57.70**	**ALT**	55.40	56.20	278359	0.80	0.615	2.00-3.00	2.0-3.0%	0.10%	1.00%
		Silica dominated (cherty?) mineralized sediment unit. Start of mineralized	55.40	56.20	278360	0.80		Duplicate			%
		"Zone".	56.20	56.60	278361	0.40	2.190	2.00-3.00	2.0-3.0%	0.10%	0.10%
		Dark grey, fine grained silica (chert?) grading to foliated, fine sediment	56.60	57.10	278362	0.50	6.980	2.00-3.00	2.0-3.0%	0.10%	0.10%
		(sandstone?) towards lower contact.	57.10	57.70	278363	0.60	6.500	2.00-3.00	5.0-7.0%		0.10%
		From 55.4m to 56.6m unit is fairly massive silica that becomes brecciated									
		downhole. Mineralization consists of 2-3% pyrrhotite, 2-3% pyrite, 1% fine and									
		blebby arsenopyrite and trace sphalerite.									
		From 56.6m to 57.7m is less silica and sediment develops thin beds. Pyrrhotite									
		increases to 5-7%, pyrite 2-3% and trace arsenopyrite.									
		Sharp lower contact with mafic dyke at 60TCA.									
		« 55.40- 56.60 po 2.0-3.0%» « py 2.0-3.0%» « aspy -1.00%» « sph 0.1%» «									
		56.40- 57.70 po 5.0-7.0%» « py 2.0-3.0%» « aspy -0.10%» ‹ @ 57.10 fol 30°									
		› ‹ @ 57.60 fol 45° › ‹ @ 57.70 LCT 60° ›									
57.70	**58.60**	**Mafic-dyke**	57.70	58.60	278364	0.90	4.410	3.00%	5.0%		0.10%
		Dark grey to brown, fine grained mafic dyke. Weak to moderate foliation. Sharp									
		upper and lower contacts cutting foliation.									

From	To	Rocktype & Description
‹ @ 58.20 fol 30° › ‹ @ 58.60 LCT 70° ›		
58.60	**64.00**	**ALT**
Silica dominated mineralized interval.		
From 58.6m to 59.5m are mineralized banded sediments as seen before dyke. Well		
mineralized with 5% pyrrhotite, 3% pyrite, trace arsenopyrite. however		
unmineralized from 59.5m to 59.25m (possible dyke?).		
Hairline fault at 59.25m 70TCA seperating dyke? and 30cm wide group of cm scale		
calcite veining. Veins appear dragged into fault.		
From 59.5m to 64.0m is massive, locally weakly foliated, dark grey silica. Much		
less deformed than previous intersctions through this "Zone". Foliation, where	VG	
observed, is 20-30TCA. Mineralization is less than other intersections and		
consists of 3-5% pyrrhotite, 2-3% pyrite, <1% fine grained and blebby		
arsenopyrite, trace red sphalerite and one visible gold occurrence.		
The visible gold is at 62.25m and consists of 5 pinpricks along a hairline		
fracture.		
Lower contact increased foliation 35TCA.		
« 58.60- 59.50 po 5.0%» « py 3.0%» « aspy -0.10%»		
« 59.25- 59.26 FZ 70°» ‹ @ 59.25 cv 28° 2.00cm › ‹ @ 59.60 fol 24° ›		
‹ @ 63.90 fol 35° › ‹ @ 64.00 LCT 35° ›		
« 59.50- 64.00 po 3.0-5.0%» « py 2.0-3.0%» « aspy -1.00%» « sph 0.1%»		
‹ @ 62.25 VG 1 ›		
64.00	**66.90**	**Mafic Flow**
Dark grey, fine grained mafic volcanic. mm-hairline calcite veining parallel to		
foliation 25TCA. Locally 3% pyrrhotite. Magnetic. Sharp lower contact with		
mafic dyke 30TCA.		
‹ @ 65.10 fol 25° › « po 0.1-3.0%» ‹ @ 65.60 cv 30° 1.00cm › ‹ @ 66.90		

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
58.60	59.00	278365	0.40	6.380	3.00%	5.0%		0.10%
59.00	59.50	278366	0.50	1.780	3.00%	5.0%	0.10%	0.10%
59.50	60.00	278367	0.50	7.450	3.00%	5.0%	0.10%	0.10%
60.00	60.50	278368	0.50	9.210	2.00-3.00	3.0-5.0%	0.10%	1.00%
60.50	61.00	278369	0.50	4.480	2.00-3.00	3.0-5.0%	0.10%	1.00%
61.00	61.01	278370	0.01	Standard				%
61.00	61.50	278371	0.50	1.110	2.00-3.00	3.0-5.0%	0.10%	1.00%
61.50	62.00	278372	0.50	0.054	2.00-3.00	3.0-5.0%	0.10%	1.00%
62.00	62.50	278373	0.50	16.400	2.00-3.00	3.0-5.0%	0.10%	1.00%
62.50	63.00	278374	0.50	0.437	2.00-3.00	3.0-5.0%	0.10%	1.00%
63.00	63.50	278375	0.50	0.102	2.00-3.00	3.0-5.0%	0.10%	1.00%
63.50	64.00	278376	0.50	1.440	2.00-3.00	0.1-3.0%	0.10%	1.00%
64.00	65.00	278377	1.00	0.217	2.00-3.00	0.1-3.0%	0.10%	1.00%
65.00	66.00	278378	1.00	0.104		0.1-3.0%		

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-004***

From	To	Rocktype & Description
LCT 30° ›		
66.90	**67.30**	**Mafic-dyke**
Dark grey, fine grained, massive mafic dyke. Sharp upper and lower contact.		
‹ @ 67.30 LCT 20° ›		
67.30	**87.00**	**Mafic Flow**
Dark green, fine-medium grained mafic volcanic. <5% mm-cm scale cacite veining		
parallel to foliation.		
From 71.5m-72.5m are 5% dark black, argillite layers with 3-5% pyrrhotite.		
Moderately foliated 20-30TCA.		
From 82.8m to 83.05m is a late dilational quartz+chlorite vein. Cuts foliation		
contacts 80TCA. Trace pyrite.		
Locally magnetic.		
‹ @ 71.00 fol 22° › ‹ @ 83.90 fol 20° › ‹ @ 74.90 cv 24° 1.00cm › ‹ @		
82.80 qv 80° 25.0cm › « 82.80- 83.05 py 0.1%»		
87.00	**87.00**	**EOH**

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
66.00	67.50	278379	1.50	0.493		0.1-3.0%		
67.50	67.51	278380	0.01		Blank			
67.50	69.00	278381	1.50	0.027				
69.00	70.50	278382	1.50	2.390				
70.50	72.00	278383	1.50	2.280				
72.00	73.50	278384	1.50	0.010				
73.50	75.00	278385	1.50	0.005				
75.00	76.50	278386	1.50	0.005				
76.50	78.00	278387	1.50	0.005				
78.00	79.50	278388	1.50	0.009				
79.50	81.00	278389	1.50	0.008				
79.50	81.00	278390	1.50		Duplicate			
81.00	82.50	278391	1.50	0.005				
82.50	83.10	278392	0.60	0.005	0.10%			
83.10	84.00	278393	0.90	0.007				
84.00	85.50	278394	1.50	0.005				
85.50	87.00	278395	1.50	0.005				

Great Bear Resources Ltd. ***Hole Number: DL-005***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633326.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456409.000	Drill dates	2017/07/16 - 2017/07/17	Collar survey: GPS
ELEVATION:	365.000 m	Log Dates:	2017/07/18 - 2017/07/22	Assayer : ACT Labs
LENGTH:	177.00 m	Contractor:	Chibougamau	Claim: KRL1023099
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hoffe		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-50.00	53.00	REFLEX
33.00	-52.00	52.60	REFLEX
84.00	-51.60	53.70	REFLEX
135.00	-51.10	53.60	REFLEX
177.00	-50.50	54.70	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-005***

From	To	Rocktype & Description
0.00	26.50	**Casing**
26.50	32.70	**Foliated Garnet Pillow mafic**
		Recrystalized pillow basalt. Same as top of DL-001 however less garnet and more clear pillow selvages.
		Medium to coarse grained with cm scale amphibole crystals. Speckled appearance. Cm scale chlorite+calcite selvages. Foliation low angle TCA. 2-3% cm-mm, scale calcite veins parallel to foliation. Sharp lower contact with mafic dyke. <1% diss, fine grained pyrrhotite.
		‹ @ 32.70 LCT 20° › « po 0.5%» ‹ @ 29.00 fol 26° ›
32.70	32.90	**QFP**
		Fine grained, massive, porhyritic dyke. <1% <cm quartz phenos. No calcite veining. No foliation. Sharp lower contact
		.‹ @ 32.90 LCT 29° ›
32.90	34.40	**Foliated Garnet Pillowed Mafic**
		Recrystalized pillow basalt. Same as top of DL-001 however less garnet and more clear pillow selvages.
		Medium to coarse grained basalt with chlorite+calcite selvages. Moderately deformed with foliation 20-25TCA. <5% mm-cm calcite veining parallel to foliation.
		‹ @ 33.40 fol 23° › ‹ @ 34.40 LCT 26° › ‹ @ 34.20 cv 24° 1.00cm ›
34.40	34.75	**Mafic-dyke**
		Fine grained, massive, mafic dyke. No calcite veining. Moderate foliation

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
26.50	28.00	278396	1.50	0.012		0.5%		
28.00	29.50	278397	1.50	0.005		0.5%		
29.50	31.00	278398	1.50	0.008		0.5%		
31.00	32.20	278399	1.20	0.005		0.5%		
32.20	32.21	278400	0.01	Standard				
32.20	32.90	278401	0.70	0.005		0.5%		
32.90	33.90	278402	1.00	0.009				
33.90	35.00	278403	1.10	0.005				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		25TCA. Sharp lower contact.									
		‹ @ 34.75 LCT 24° › ‹ @ 34.60 fol 25° ›									
34.75	**45.90**	**Foliated Garnet Pillowed Mafic**	35.00	36.50	278404	1.50	0.005				
		Recrystalized pillow basalt. Same as top of DL-001 however less garnet and more	36.50	38.00	278405	1.50	0.006		0.1%		
		clear pillow selvages.	38.00	39.50	278406	1.50	0.005		0.1%		
		Medium to coarse grained basalt with chlorite+calcite selvages. Moderately	39.50	41.00	278407	1.50	0.005				
		deformed with foliation 20-25TCA. <5% mm-cm calcite veining parallel to	41.00	42.50	278408	1.50	0.005				
		foliation.	42.50	44.00	278409	1.50	0.005				
		From 37.9m-38.1m is an irregular calcite>>qtzvein, parallel to foliation, trace	44.00	44.01	278410	0.01		Blank			
		pyrrhotite.	44.00	45.50	278411	1.50	0.006				
		Broken lower contact with mafic dyke	45.50	45.90	278412	0.40	0.005				
		‹ @ 37.90 cv 22° 10.00cm › « 37.90- 38.10 po 0.1%» ‹ @ 41.80 cv 23°									
		1.00cm ›									
45.90	**46.70**	**QFP**	45.90	46.70	278413	0.80	0.005				
		Fine grained, massive, porphyritc dyke. 1-2% <cm quartz phenos. No calcite									
		veining. No foliation. Sharp lower contact.									
		‹ @ 46.70 LCT 15° ›									
46.70	**138.60**	**Mafic Flow**	46.70	48.00	278414	1.30	0.006				
		Mafic volcanic	48.00	49.50	278415	1.50	0.007				
		Dark green, fine-medium grained mafic volcanic. Speckled with <.5cm green,	49.50	51.00	278416	1.50	0.007				
		rectangular amphibole and local coarse, dark brown biotite. 5% cm scale calcite	51.00	52.50	278417	1.50	0.006				
		veining parallel to foliation. Becomes more massive and fine grained towards	52.50	54.00	278418	1.50	0.006				
		sharp lower contact with Quartz Porphyry. Locally weakly magnetic.	54.00	55.50	278419	1.50	0.015				
			54.00	55.50	278420	1.50		Duplicate			
		64.0m-65.0m & 67.0m-68.0m intervals of bleached, sericite altered, hairline	55.50	57.00	278421	1.50	0.014				
		faults.	57.00	58.50	278422	1.50	0.008				
		96.75m-97.05 late dilational qtz+chl vein, cutting foliation, trace pyrite.	58.50	60.00	278423	1.50	0.010				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		97.7m-98.0m 5-10% pyrrhotite and calcite. Possible pillow selvage? Stronger foliation 20TCA	60.00	61.50	278424	1.50	0.015				
			61.50	63.00	278425	1.50	0.010				
		102.0m-103.0m interval of bleached, hairline faults. More intense at 103.2m	63.00	64.00	278426	1.00	0.010				
		121.5m 10cm wide bleached fault,	64.00	65.00	278427	1.00	0.005				
			65.00	66.00	278428	1.00	0.017				
		‹ @ 49.10 cv 20° 1.00cm › ‹ @ 51.00 fol 21° ›	66.00	67.00	278429	1.00	0.013				
		75 m interval 1m wide of pillows? ‹ @ 71.00 fol 20° › ‹ @ 88.00 fol 15° ›	67.00	67.01	278430	0.01	Standard				
			67.00	68.00	278431	1.00	0.035				
		« 67.00- 68.00 FZ 55°»	68.00	69.00	278432	1.00	0.146				
		« 64.00- 65.00 FZ 55°»	69.00	70.50	278433	1.50	0.046				
		‹ @ 86.00 qv 45° 3.0cm › late dilational qtz+chl vein.	70.50	72.00	278434	1.50	0.014				
		‹ @ 96.75 qv 70° 25.0cm ›	72.00	73.50	278435	1.50	0.014				
		« 96.75- 97.05 py 0.1%» ‹ @ 97.70 fol 20° ›	73.50	75.00	278436	1.50	0.008				
		« 97.70- 98.00 po 5.0-10.0%»	75.00	76.50	278437	1.50	0.007				
		« 103.20- 103.25 FZ 60°» ‹ @ 103.50 qv 50° 1.0cm › late quartz cutting foliaiton.	76.50	78.00	278438	1.50	0.014				
			78.00	79.50	278439	1.50	0.008				
		« 121.50- 121.60 FZ 60°»	79.50	79.51	278440	0.01		Blank			
		‹ @ 118.00 fol 25° › ‹ @ 138.60 LCT 30° ›	79.50	81.00	278441	1.50	0.017				
			81.00	82.50	278442	1.50	0.009				
			82.50	84.00	278443	1.50	0.014				
			84.00	85.50	278444	1.50	0.011				
			85.50	87.00	278445	1.50	0.008				
			87.00	88.50	278446	1.50	0.008				
			88.50	90.00	278447	1.50	0.010				
			90.00	91.50	278448	1.50	0.010				
			91.50	93.00	278449	1.50	0.006				
			91.50	93.00	278450	1.50		Duplicate			

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
			93.00	94.50	278451	1.50	0.009				
			94.50	96.00	278452	1.50	0.006				
			96.00	97.50	278453	1.50	0.005	0.10%			
			97.50	99.00	278454	1.50	0.006		5.0-10.0%		
			99.00	100.50	278455	1.50	0.005				
			100.50	102.00	278456	1.50	0.005				
			102.00	103.50	278457	1.50	0.005				
			103.50	105.00	278458	1.50	0.009				
			105.00	106.50	278459	1.50	0.007				
			106.50	106.51	278460	0.01	Standard				
			106.50	108.00	278461	1.50	0.007				
			108.00	109.50	278462	1.50	0.006				
			109.50	111.00	278463	1.50	0.006				
			111.00	112.50	278464	1.50	0.005				
			112.50	114.00	278465	1.50	0.006				
			114.00	115.50	278466	1.50	0.006				
			115.50	117.00	278467	1.50	0.007				
			117.00	118.50	278468	1.50	0.012				
			118.50	120.00	278469	1.50	0.005				
			120.00	120.01	278470	0.01		Blank			
			120.00	121.50	278471	1.50	0.017				
			121.50	123.00	278472	1.50	0.012				
			123.00	124.50	278473	1.50	0.006				
			124.50	126.00	278474	1.50	0.005				
			126.00	127.50	278475	1.50	0.005				
			127.50	129.00	278476	1.50	0.010				
			129.00	130.50	278477	1.50	0.011				

From	To	Rocktype & Description
138.60	**141.25**	**QFP**
		Dark grey, moderately foliated quartz porphyry. <5% <cm rounded quartz
		phenocrysts. Sharp upper and lower contacts.
		‹ @ 141.25 LCT 45° › ‹ @ 138.60 fol 25° ›
141.25	**162.60**	**Mafic Flow**
		Mafic volcanic
		Dark green, fine to medium grained mafic volcanic similar to above. 5% cm scale
		quartz+calcite veining, parallel to foliation. (Quartz content increased from
		above unit). 2% sporadic, hairline bleached fractures throughout. Foliation
		increasing towards lower contact.
		‹ @ 144.90 qv 25° 1.5cm › ‹ @ 158.90 qv 25° 1.0cm › ‹ @ 153.80 qv 25° 1.5cm ›
		‹ @ 152.00 fol 30° › ‹ @ 162.60 LCT 30° ›

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
130.50	132.00	278478	1.50	0.013				
132.00	133.50	278479	1.50	0.008				
132.00	133.50	278480	1.50		Duplicate			
133.50	135.00	278481	1.50	0.010				
135.00	136.50	278482	1.50	0.010				
136.50	138.00	278483	1.50	0.029				
138.00	138.60	278484	0.60	0.005				
138.60	140.00	278485	1.40	0.013				
140.00	141.25	278486	1.25	0.010				
141.25	142.50	278487	1.25	0.010				
142.50	144.00	278488	1.50	0.012				
144.00	145.50	278489	1.50	0.016				
145.50	145.51	278490	0.01	1.030				
145.50	147.00	278491	1.50	0.016				
147.00	148.50	278492	1.50	0.017				
148.50	150.00	278493	1.50	0.011				
150.00	151.50	278494	1.50	0.017				
151.50	153.00	278495	1.50	0.016				
153.00	154.50	278496	1.50	0.013				
154.50	156.00	278497	1.50	0.015				
156.00	157.50	278498	1.50	0.037				
157.50	159.00	278499	1.50	0.114				
159.00	159.01	278500	0.01		Blank			
159.00	160.50	278501	1.50	0.035				
160.50	162.00	278502	1.50	0.042				

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-005***

From	To	Rocktype & Description
162.60	**172.45**	**ALT**
		"Altered Zone" similar to other intersections of this program through this
		zone. Dark grey, fine grained massive silica (chert?) with mineralized seds.
		From 162.6m-165.1m unit is strongly deformed with variable foliation averaging
		35TCA. (seems to anastomose around silica fragment at 163.9m). 5% brecciated
		grey silica, layered seds and a large banded calcitevein at 163.7m-164.2m.
		Mineralization includes: pyrrhotite 5%, pyrite 4%, trace arsenpyrite except
		from 163.2m-163.7m increases to 2-3%, trace red sphalerite and 1 pinprick of vg
		at 164.8m.
		From 165.1m-167.9m silica is massive, fine grained, dark grey. Mineralization
		decreases: pyrrhotite 2-3%, pyrite 2-3%, arsenopyrite 0.5%, red sphalerite
		0.1%. Silica becomes banded towards contact with mineralized seds(?).
		From 167.9m-170.75m are sediments(?) possible mafic (?), mineralized with 3-5%
		diss pyrrhotite and 2-3% pyrite. Irregular folation 25-40TCA. 2% deformed cm
		scale calcite veining, roughly parallel to foliation.
		From 170.75m-171.4m is brecciated and deformed silica+seds (?) Mineralized with
		3% pyrrhotite, 2% pyrite. Silica-vein 25TCA.
	VG	
		From 171.4m-171.6m is a banded calcite vein, dirty, brecciated, mineralized
	VG	with 1% diss pyrrhotite.
		From 171.6m-172.45m is dark grey silica veins?, fairly massive but locally
		brecciated and cut by biotite fractures (<1cm wide parallel to average

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
162.00	162.60	278503	0.60	0.209	4.00%	5.0%	0.10%	0.10%
162.60	163.20	278504	0.60	1.590	4.00%	5.0%	0.10%	0.10%
163.20	163.70	278505	0.50	2.000	4.00%	5.0%	0.10%	0.10%
163.70	164.20	278506	0.50	1.060	4.00%	5.0%	0.10%	0.10%
164.20	164.60	278507	0.40	6.200	4.00%	5.0%	0.10%	0.10%
164.60	165.10	278508	0.50	10.500	4.00%	5.0%	0.10%	0.10%
165.10	165.60	278509	0.50	8.610	4.00%	5.0%	0.10%	0.10%
165.10	165.60	278510	0.50		Duplicate			
165.60	166.10	278511	0.50	17.000	2.00-3.00	2.0-3.0%	0.10%	0.50%
166.10	166.65	278512	0.55	0.585	2.00-3.00	2.0-3.0%	0.10%	0.50%
166.65	167.05	278513	0.40	1.060	2.00-3.00	2.0-3.0%	0.10%	0.50%
167.05	167.50	278514	0.45	2.130	2.00-3.00	2.0-3.0%	0.10%	0.50%
167.50	167.90	278515	0.40	3.220	2.00-3.00	2.0-3.0%	0.10%	0.50%
167.90	168.35	278516	0.45	3.630	2.00-3.00	2.0-3.0%	0.10%	0.50%
168.35	168.70	278517	0.35	1.790	2.00-3.00	3.0-5.0%		
168.70	169.25	278518	0.55	3.820	2.00-3.00	3.0-5.0%		
169.25	169.75	278519	0.50	2.180	2.00-3.00	3.0-5.0%		
169.75	169.76	278520	0.01	Standard				
169.75	170.25	278521	0.50	2.400	2.00-3.00	3.0-5.0%		
170.25	170.75	278522	0.50	1.990	2.00%	3.0%		
170.75	171.40	278523	0.65	5.730	2.00%	1.0%		
171.40	171.95	278524	0.55	142.00	2.00%	1.0%	0.50%	1.00%
171.95	172.45	278525	0.50	117.00	3.00%	3.0%	0.50%	1.00%

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		foliation).									
		From 171.95m-172.05m is odd, dark green, fine grained, massive,									
		amphibole+chlorite with a large fragment of dark grey silica (looks like Vein									
		but not through core). Mineralization consists of 3% pyrrhotite, 3% pyrite, <1%									
		arsenopyrite and <1% red sphalerite. Also, 100+ pinpricks, flecks and clouds of									
		vg. Gold is within silica, along margins with "green unit" and in bt+chl rich									
		fractures. Vein contacts range from 20-35TCA. Lower contact 30TCA ‹ @ 171.60									
		qv 25° 20.0cm ›									
		VG:									
		‹ @ 171.75 VG 10 › pinpricks inside and outside core. ‹ @ 171.85 VG 10 ›									
		pinpricks mostly inside core. ‹ @ 171.95 VG 10 › inside and outside of core.									
		Higher concentration along upper contact of "green unit" and in discontinous									
		rounded dark grey silica fragment. No vg in green unit. ‹ @ 172.05 VG 10 › vg									
		along lower margin of "green unit" and in biotite fracture 25TCA. ‹ @ 172.15									
		VG 10 › concentrated in bt fracture/breccia? 20TCA.									
		‹ @ 163.00 fol 35° › ‹ @ 163.70 cv 34° 25.00cm › « 162.60- 165.10 po 5.0%» «									
		py 4.0%» « aspy -0.10% » « sph 0.1%» ‹ @ 164.80 VG 1 › ‹ @ 166.50 fol 30° ›									
		« 165.10- 167.90 po 2.0-3.0%» « py 2.0-3.0%» « aspy -0.50%» « sph 0.1%» «									
		167.90- 170.75 po 3.0-5.0%» « py 2.0-3.0%» ‹ @ 170.35 cv 20° 1.00cm › «									
		170.75- 171.40 po 3.0%» « py 2.0%» ‹ @ 171.20 qv 25° › « 171.40- 171.60 po									
		1.0%» ‹ @ 171.40 cv 19° 20.00cm ›									
		« 171.60- 172.45 po 3.0%» « py 3.0%» « aspy -1.00%» « sph 0.5%»									
172.45	**173.75**	**Argillite**	172.45	173.00	278526	0.55	2.040	3.00%	3.0%	0.50%	1.00%
		Mix of black argillite and dark green, recrystalized mafic volcanic. 5% cm-mm	173.00	173.75	278527	0.75	0.754	2.00%	3.0%		
		scale calcite veining. 5% folliaiton parallel <mm bands pyrrhotite with									
		perpindicular <0.5cm threads (looks like mm scale dilational veins filled with									

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		pyrrhotite). At 172.55m is a 2cm wide, deformed quartz vein. Almost boudinaged									
		and parallel to foliation . Mineralized with 3% pyrrhotite and 2% pyrite.									
		Gradational lower contact with massive basalt.									
		« po 3.0%» « py 2.0%» ‹ @ 172.55 qv 20° 2.0cm ›									
173.75	**176.20**	**Mafic Flow**	173.75	174.75	278528	1.00	0.008	2.00%	3.0%		
		Dark green, fine grained, massive mafic.	174.75	175.50	278529	0.75	0.102		1.0%		
		1% diss pyrrhotite. Bleached, sericite altered, hairline fractures from	175.50	175.51	278530	0.01		Blank			
		173.75m-174.5m. Sharp lower contact with pyrrhotite rich argillites	175.50	176.20	278531	0.70	0.103		3.0%		
		« 173.75- 174.50 FZ 55°» « 173.75- 176.20 po 1.0%» ‹ @ 176.20 LCT 15° ›									
176.20	**177.50**	**Argillite**	176.20	176.85	278532	0.65	0.035		3.0%		
		Dark black, thinly bedded argilite with mm scale bands of pyrrhotite. <1%	176.85	177.50	278533	0.65	0.378		3.0%		
		mm-hairline calcite veinlets parallel and crosscutting layers.									
		« po 3.0%»									
177.50	**177.50**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-006***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633280.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456535.000	Drill dates	2017/07/17 - 2017/07/18	Collar survey: GPS
ELEVATION:	365.000 m	Log Dates:	2017/07/18 - 2017/07/24	Assayer : ACT Labs
LENGTH:	90.00 m	Contractor:	Chibougamau	Claim: KRL1023099/KRL1023102
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-55.00	50.00	REFLEX
21.00	-55.40	52.40	REFLEX
72.00	-55.10	53.70	REFLEX
90.00	-54.80	55.10	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-006***

From	To	Rocktype & Description
0.00	10.00	**Casing**
10.00	63.80	**Massive Mafic**

Massive mafic volcanic? Prossible intrusive?.

Fine-medium grained, massive mafic. Weakly to moderately foliated 25TCA. No selvages or pyroclastic textures. Speckled with elongate, rectangular chlorite and patchy brown biotite. 1-2% <.5cm planar, calcite veinlets. Bleached hairline fracture faults at 20.3m, 22.5m, 23.1m, 36.3m, 36.9m, 42.9m, 58.0m 60.65m. Weakly magnetic. From 31.0m-32.0m is a slightly belached altered interval surrounding 5cm barren qtz+chl Vein (high angle). Sharp lower contact with Zone 35TCA.

‹ @ 35.00 fol 25° › « 20.30- 20.40 FZ 15°» « 22.50- 22.60 FZ 45°» « 23.10- 23.15 FZ 45°» « 36.30- 36.40 FZ 45°» « 36.90- 36.95 FZ 45°» « 42.90- 43.00 FZ 45°» « 58.00- 59.00 FZ 45°» Sporadic through interval. « 60.65- 60.95 FZ 45°» ‹ @ 16.60 qv 45° 3.0cm › late dilational qtz+chlvein. ‹ @ 34.00 cv 20° 1.00cm › ‹ @ 31.40 qv 70° 5.0cm › ‹ @ 50.00 cv 5° 1.00cm ›‹ @ 63.80 LCT 35° ›

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
10.00	11.00	278534	1.00	0.006				
11.00	12.00	278535	1.00	0.006				
12.00	13.50	278536	1.50	0.009				
13.50	15.00	278537	1.50	0.008				
15.00	16.50	278538	1.50	0.005				
16.50	18.00	278539	1.50	0.005				
16.50	18.00	278540	1.50		Duplicate			
18.00	19.50	278541	1.50	0.006				
19.50	21.00	278542	1.50	0.008				
21.00	22.50	278543	1.50	0.006				
22.50	24.00	278544	1.50	0.005				
24.00	25.50	278545	1.50	0.006				
25.50	27.00	278546	1.50	0.007				
27.00	28.50	278547	1.50	0.008				
28.50	30.00	278548	1.50	0.006				
30.00	31.00	278549	1.00	0.007				
31.00	31.01	278550	0.01	Standard				
31.00	32.00	278551	1.00	0.007				
32.00	33.00	278552	1.00	0.005				
33.00	34.50	278553	1.50	0.009				
34.50	36.00	278554	1.50	0.010				
36.00	37.50	278555	1.50	0.009				
37.50	39.00	278556	1.50	0.010				
39.00	40.50	278557	1.50	0.014				
40.50	42.00	278558	1.50	0.014				

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-006***

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
			42.00	43.50	278559	1.50	0.008				
			43.50	43.51	278560	0.01		Blank			
			43.50	45.00	278561	1.50	0.005				
			45.00	46.50	278562	1.50	0.015				
			46.50	48.00	278563	1.50	0.012				
			48.00	49.50	278564	1.50	0.006				
			49.50	51.00	278565	1.50	0.013				
			51.00	52.50	278566	1.50	0.017				
			52.50	54.00	278567	1.50	0.008				
			54.00	55.50	278568	1.50	0.007				
			55.50	57.00	278569	1.50	0.005				
			55.50	57.00	278570	1.50		Duplicate			
			57.00	58.50	278571	1.50	0.008				
			58.50	60.00	278572	1.50	0.010				
			60.00	61.50	278573	1.50	0.011				
			61.50	63.00	278574	1.50	0.022				
			63.00	63.80	278575	0.80	0.063	3.00%		0.10%	0.50%
63.80	**75.30**	**ALT**	63.80	64.60	278576	0.80	0.240	3.00%	3.0-5.0%	0.10%	0.50%
"Zone"			64.60	65.60	278577	1.00	1.250	3.00%	3.0-5.0%	0.10%	0.50%
More brecciated and deformed than previous intercepts; also less			65.60	66.10	278578	0.50	2.810	3.00%	5.0%		0.10%
sphalerite/arsenopyrite and no vg observed.			66.10	66.60	278579	0.50	1.710	3.00-5.00	5.0%		0.10%
			66.60	66.61	278580	0.01		Standard			
From 63.8m-64.6m: strongly brecciated and silicified argillite and sediments			66.60	67.10	278581	0.50	1.840	3.00-5.00	5.0%		0.10%
with 5% pyrrhotite, 3% pyrite, <1% arsenopyrite and trace red sphalerite. 10cm			67.10	67.60	278582	0.50	1.290	3.00-5.00	5.0%		0.10%
wide massive silica ‹ @ 64.25 vein › 35TCA			67.60	68.10	278583	0.50	1.560	3.00-5.00	5.0%		0.10%
From 64.6m-65.6m becomes calcite dominated with cm to 25cm wide white calcite			68.10	68.60	278584	0.50	1.080	3.00-5.00	5.0%		0.10%
veining; locally brecciated and deformed. Mineralized with 5% pyrrhotite and			68.60	69.10	278585	0.50	3.000	3.00-5.00	5.0%		0.10%

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		4% pyrite. Veins 25TCA.	69.10	69.60	278586	0.50	0.502	3.00-5.00	5.0%		0.10%
		From 65.6m-70.1m are silicified and brecciated argilltie and sediments. Mottled	69.60	70.10	278587	0.50	0.459	2.00-3.00	8.0-10.0%	0.10%	0.10%
		looking with irregular veining, brecciated angular sediment fragments and	70.10	70.60	278588	0.50	0.780	2.00-3.00	8.0-10.0%	0.10%	0.10%
		veining. Foliation averages 30TCA. Mineralization 5% pyrrhotiite, 3-4% pyrite	70.60	71.10	278589	0.50	2.060	2.00-3.00	8.0-10.0%	0.10%	0.10%
		trace arsenopyrite, trace chalcopyrite.	71.10	71.11	278590	0.01		Blank			
		From 69.0m-70.1m less silica. Sharp lower contact 30TCA with argillite.	71.10	71.60	278591	0.50	0.706	2.00-3.00	8.0-10.0%	0.10%	0.10%
		From 70.1m -72.8m are black thinly bedded argillites. with 5-20% pyrrhotite, 2%	71.60	72.10	278592	0.50	1.040	2.00-3.00	8.0-10.0%	0.10%	0.10%
		pyrite, trace arsenopyrite and trace sphalerite. Becoming more brecciated,	72.10	72.80	278593	0.70	6.990	2.00%	3.0%	0.10%	0.10%
		deformed and silicified towards lower contact.	72.80	73.30	278594	0.50	1.450	2.00%	3.0%	0.10%	0.10%
		From 72.8m-73.95m more coarse, grey sediments, silicified or silica flooded;	73.30	73.95	278595	0.65	1.200	2.00%	3.0%		0.10%
		mineralized with 3% pyrrhotite, 3% pyrite and trace arsenopyrite.	73.95	74.70	278596	0.75	0.754	2.00%	3.0%		0.10%
		« 63.80- 64.60 po 3.0-5.0%» « py 3.0%» « aspy -0.50%» « sph 0.1%» ‹ @ 64.25	74.70	75.30	278597	0.60	0.079	3.00%	8.0%		
		qv 35° 10.0cm › « 64.60- 65.60 po 5.0%» « py 3.0%» ‹ @ 65.00 cv 25°									
		25.00cm › « 65.60- 70.10 po 5.0%» « py 3.0-5.0%» « aspy -0.10%» « cpy									
		0.1%» ‹ @ 70.00 fol 30° ›									
		« 70.10- 72.80 po 8.0-10.0%» « py 2.0-3.0%» « aspy -0.10%» « sph 0.1%»									
		‹ @ 71.50 fol 29° ›									
		« 72.80- 74.95 po 3.0%» « py 2.0%» « aspy -0.10%»									
		From 74.95m-75.3m is banded silica seds (most iron formation like of all									
		intercepts) cm scale banding of silica and pyrrhotite+biotite. Sharp lower									
		contact with argillites. 20TCA.									
		« 74.95- 75.30 po 8.0%» « py 3.0%» ‹ @ 75.10 fol 29° ›									
75.30	**78.60**	**Argillite**	75.30	76.00	278598	0.70	0.168	3.00%	8.0%		
		Dark black, argillites.	76.00	77.00	278599	1.00	0.046	1.00%	5.0-8.0%		
		Locally brecciated by <.5cm calcite veinlets. 5-8% pyrrhotite. Sharp lower	76.00	77.00	278600	1.00		Duplicate			

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
contact 22 TCA.			77.00	78.60	278601	1.60	0.236	1.00%	5.0-8.0%		
« po 5.0-8.0%» « py 1.0%» ‹ @ 22.00 LCT 0° › T											
78.60	**80.50**	**Massive Mafic**	78.60	79.50	278602	0.90	0.296	1.00%	5.0-8.0%		
Grey-olive green, fine grained mafic volcanic.			79.50	80.50	278603	1.00	0.131		3.0%		
Massive, 1% <.5cm planar calcite veins. Hard to see a foliation.											
‹ @ 79.10 cv 35° 0.50cm › ‹ @ 80.50 LCT 35° ›											
80.50	**81.10**	**Argillite**	80.50	81.10	278604	0.60	0.621		3.0%		
Black argillite as above. « po 3.0%» ‹ @ 81.10 LCT 20° ›											
81.10	**85.10**	**Mafic Flow**	81.10	82.50	278605	1.40	0.073		3.0%		
Dark grey-green, fine grained massive mafic volcanic. Bleached hairline			82.50	84.00	278606	1.50	0.039				
fractures at high angle TCA. Strong calcite alteration. « strong pervasive			84.00	85.10	278607	1.10	0.186	1.00-2.00	5.0%		
calcite alteration »											
85.10	**89.60**	**Argillite**	85.10	86.20	278608	1.10	0.062	1.00-2.00	5.0%		
Argillite+siltstone.			86.20	87.40	278609	1.20	0.054	1.00-2.00	5.0%		
Thinly bedded argillite>grey siltstone. Parasitic folding at 87.5m. 2% <cm			87.40	87.41	278610	0.01	Standard				
scale calcite veinlets and blebs. « po 5.0%» veinlets and blebs. « py 1.0-2.0%»			87.40	88.40	278611	1.00	0.151	1.00-2.00	1.0-2.0%		
From 88.4m-89.6m is a quartz+calcite breccia. Angular sediments fragments											
(<1cm) in dark-light clear grey quartz. « 88.40- 89.6 po 1.0-2.0%» Sharp											
lower contact 24TCA.‹ @ 89.6 LCT 24° ›											
89.60	**90.00**	**Mafic Flow**									
Dark green fine grained mafic flow to EOH. Same as above.											
90.00	**90.00**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-007***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633280.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456535.000	Drill dates	2017/07/18 - 2017/07/19	Collar survey: GPS
ELEVATION:	365.000 m	Log Dates:	2017/07/18 - 2017/07/27	Assayer : ACT Labs
LENGTH:	45.00 m	Contractor:	Chibougamau	Claim: KRL1023099
Core Size : NQ2 Core Storage: On Site		Comments Hole shut down due to deviation. Restarted as DL-007A Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-55.00	80.00	REFLEX
21.00	-70.10	126.10	REFLEX
42.00	-69.10	123.40	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-007***

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
0.00	**8.55**	**Casing**									
8.55	**45.00**	**Mafic Flow**									
Massive mafic possible intrusive.											
Medium grained, grey-green, mafic. May be an intrusive?											
Sharp lower contact with mafic dyke.											
45.00	**45.00**	**EOH**									

Print Date: **2017/12/11**

Great Bear Resources Ltd. ***Hole Number: DL-007a***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633282.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456535.000	Drill dates	2017/07/19 - 2017/07/20	Collar survey: GPS
ELEVATION:	365.000 m	Log Dates:	2017/07/21 - 2017/07/27	Assayer : ACT Labs
LENGTH:	120.00 m	Contractor:	Chibougamau	Claim: KRL1023099/KRL1023102
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-55.00	80.00	REFLEX
21.00	-56.40	78.00	REFLEX
72.00	-55.90	82.20	REFLEX
120.00	-55.50	80.00	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-007a***

From	To	Rocktype & Description
0.00	**10.90**	**Casing**
10.90	**45.00**	**Mafic Flow**
		Massive mafic possible intrusive.
		Medium grained, grey-green, mafic. May be an intrusive?
		20.5m-21.5m, 31.5m-32.3m, 37.9m-38.0m, 42.0m-42.5m bleached hairline
		fracture/faults. Sharp lower contact with mafic dyke.
		« 20.50- 21.50 FZ 65°» ‹ @ 24.30 cv 15° › ‹ @ 23.00 fol 40° ›
		« 31.50- 32.30 FZ 55°» ‹ @ 43.10 fol 25° ›
		« 42.00- 42.50 FZ 70°» ‹ @ 45.00 LCT 25° ›

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
11.50	13.00	278615	1.50	0.012				
13.00	13.75	278616	0.75	0.008				
13.75	15.00	278617	1.25	0.008				
15.00	16.50	278618	1.50	0.007				
16.50	18.00	278619	1.50	0.005				
18.00	18.01	278620	0.01		Blank			
18.00	19.50	278621	1.50	0.007				
19.50	21.00	278622	1.50	0.009				
21.00	22.50	278623	1.50	0.006				
22.50	24.00	278624	1.50	0.005				
24.00	25.50	278625	1.50	0.005				
25.50	27.00	278626	1.50	0.005				
27.00	28.50	278627	1.50	0.005				
28.50	30.00	278628	1.50	0.005				
30.00	31.50	278629	1.50	0.005				
30.00	31.50	278630	1.50		Duplicate			
31.50	33.00	278631	1.50	0.008				
33.00	34.50	278632	1.50	0.006				
34.50	36.00	278633	1.50	0.005				
36.00	37.50	278634	1.50	0.007				
37.50	39.00	278635	1.50	0.008				
39.00	40.50	278636	1.50	0.007				
40.50	42.00	278637	1.50	0.007				
42.00	43.50	278638	1.50	0.005				
43.50	45.00	278639	1.50	0.005				

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
45.00	**47.50**	**Mafic-dyke**	45.00	45.01	278640	0.01	Standard				
Fine grained mafic dyke with weak foliation. 10-20% elongate chl+bt <.5cm.			45.00	46.50	278641	1.50	0.005				
Strong calcite altered. Sharp lower contact 70TCA			46.50	47.50	278642	1.00	0.005				
« calcite altered » ‹ @ 47.50 LCT 70° › f ‹ @ 44.00 fol 28° ›											
47.50	**57.70**	**Mafic Flow**	47.50	48.00	278643	0.50	0.005				
Dark green, fine grained mafic. Same as above. 1% <cm scale calcite veins			48.00	49.50	278644	1.50	0.005				
parallel to foliation. Sharp lower contact with veined mafic.			49.50	51.00	278645	1.50	0.006				
‹ @ 57.00 cv 18° 1.50cm › ‹ @ 57.70 LCT 20° ›			51.00	52.50	278646	1.50	0.005				
			52.50	54.00	278647	1.50	0.007				
			54.00	55.50	278648	1.50	0.010				
			55.50	57.00	278649	1.50	0.010				
			57.00	57.01	278650	0.01		Blank			
			57.00	57.70	278651	0.70	0.005	0.10%	0.1%		
57.70	**62.80**	**Mafic Flow**	57.70	58.70	278652	1.00	0.069	0.10%	0.1%		
Quartz veined/breccia.			58.70	59.70	278653	1.00	0.028	0.10%	0.1%		
5% very low angle to core parallel qtz+cal+k-spar+chl veins and breccias. <1%			59.70	60.70	278654	1.00	0.013	0.10%	0.1%		
pyrrhotite and pyrite.From 59.2m-60.1m is a late gougey fault. Sharp lower			60.70	61.70	278655	1.00	0.013	0.10%	0.1%		
contact with massive basalt.			61.70	62.80	278656	1.10	0.008	0.10%	0.1%		
‹ @ 57.70 qv 20° 3.0cm › ‹ @ 59.50 qv 5° 2.0cm › ‹ @ 61.50 qv 5° 2.0cm › ‹											
@ 63.30 qv 20° 3.0cm › « py 0.1%» « po 0.1%»											
« 59.70- 60.10 FZ 70°» late gougey fault.											
62.80	**74.80**	**Mafic Flow**	62.80	64.00	278657	1.20	0.005	0.10%	0.1%		
Dark green fine grained volcanic. As seen above. 3% hairline line bleached			64.00	65.00	278658	1.00	0.005				
fracture faults at moderate to high angle TCA.			65.00	66.00	278659	1.00	0.012				
‹ @ 69.40 qv 70° 3.0cm › late umnmineralized. ‹ @ 67.40 qv 10° 2.0cm › same			65.00	66.00	278660	1.00		Duplicate			
as veins above (qtz_cal_k-spar)			66.00	67.50	278661	1.50	0.005				

From	To	Rocktype & Description
74.80	**79.90**	**ALT**
		Dark grey silica with 5% pyrrhotite rich, argillites intermixed.
		Silica could be primary cherts however at 76.5m is clear dark grey silica
		flooding at oblique angle to layering in argillites. Suspect some primary and
		secondary silica. Argillite layering/foliation 30TCA while cm silica, irregular
		but 45TCA perpindicular to argillite. Core angle of zone is low possible open
		folding?. 20-0TCA. Brecciated throughout. Not as nicely mineralized
		(aspy/sph/vg) as other intercepts. 5% pyrrhotite, 2-3% pyrite, local trace,
		blebby arsenopyrite, trace red sphalerite and trace chalcopyrite. No Vg
		observed
		« po 5.0-10.0%» « py 2.0-4.0%» « aspy -0.10%» « sph 0.1%» « cpy 0.1%» ‹ @
		75.10 fol 15° › ‹ @ 77.70 fol 0° › ‹ @ 76.50 qv 45° 1.0cm ›
79.90	**82.50**	**Argillite**
		Dark black, fine grained argillite.
		Strongly mineralized with 10% banded, blebby, network pyrrhotite 3% pyrite.
		Mineralization decreasing towards lower contact. Sharp lower contact with
		silica rich seds? 25TCA
		‹ @ 80.40 fol 40° › (angle of sulfide bands) « po 5.0-10.0%» « py 2.0-3.0%»
		‹ @ 82.50 LCT 25° ›

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
67.50	69.00	278662	1.50	0.008				
69.00	70.50	278663	1.50	0.005				
70.50	72.00	278664	1.50	0.005				
72.00	73.50	278665	1.50	0.020				
73.50	74.80	278666	1.30	0.094	2.00-4.00	5.0-10.0%	0.10%	0.10%
74.80	75.30	278667	0.50	0.806	2.00-4.00	5.0-10.0%	0.10%	0.10%
75.30	75.80	278668	0.50	0.547	2.00-4.00	5.0-10.0%	0.10%	0.10%
75.80	76.30	278669	0.50	0.788	2.00-4.00	5.0-10.0%	0.10%	0.10%
76.30	76.31	278670	0.01	Standard				
76.30	76.80	278671	0.50	0.325	2.00-4.00	5.0-10.0%	0.10%	0.10%
76.80	77.30	278672	0.50	3.100	2.00-4.00	5.0-10.0%	0.10%	0.10%
77.30	77.80	278673	0.50	5.090	2.00-4.00	5.0-10.0%	0.10%	0.10%
77.80	78.30	278674	0.50	6.460	2.00-4.00	5.0-10.0%	0.10%	0.10%
78.30	78.80	278675	0.50	1.590	2.00-4.00	5.0-10.0%	0.10%	0.10%
78.80	79.30	278676	0.50	2.210	2.00-4.00	5.0-10.0%	0.10%	0.10%
79.30	79.90	278677	0.60	1.100	2.00-3.00	5.0-10.0%	0.10%	0.10%
79.90	80.90	278678	1.00	0.528	2.00-3.00	5.0-10.0%	0.10%	0.10%
80.90	81.90	278679	1.00	1.420	2.00-3.00	5.0-10.0%		
81.90	81.91	278680	0.01	Blank				
81.90	82.50	278681	0.60	0.212	2.00-3.00	5.0%		

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
82.50	**83.35**	**ALT**	82.50	82.90	278682	0.40	0.745	2.00-3.00	5.0%		
Dark grey , silica rich interval with minor argillite.			82.90	83.35	278683	0.45	0.095	2.00-3.00	5.0%		
Brecciated and variable foliation 20-0TCA. Sharp lower contact 50TCA.											
Mineralized with 5% pyrrhotite, 2-3% pyrite. « po 5.0%» « py 2.0-3.0%» ‹ @											
83.35 LCT 50° › ‹ @ 82.90 fol 20° › ‹ @ 83.10 fol 0° ›											
83.35	**89.80**	**Mafic Flow**	83.35	84.35	278684	1.00	0.045	2.00-3.00	5.0%		
Dark green, fine grained mafic.			84.35	85.35	278685	1.00	0.007				
Very massive. Chlorite rich. <1% <1cm calcite veinlets. Not mineralized.Sharp			85.35	86.35	278686	1.00	0.085				
lower contact 15TCA			86.35	87.35	278687	1.00	0.005				
‹ @ 86.00 cv 23° 1.00cm › ‹ @ 89.80 LCT 15° ›			87.35	88.35	278688	1.00	0.005				
			88.35	89.35	278689	1.00	0.006				
			88.35	89.35	278690	1.00		Duplicate			
			89.35	89.80	278691	0.45	0.008	2.00-3.00	5.0-10.0%		
89.80	**90.70**	**ALT**	89.80	90.70	278692	0.90	0.907	2.00-3.00	5.0-10.0%		
Dark grey silica rich (seds?).											
Strongly brecciated dark grey silica fragments with chlorite+biotite. 5-10%											
pyrrhoitte, 2-3% pyrite. Gradational lower contact with argillites.											
« po 5.0-10.0%» « py 2.0-3.0%»											
90.70	**93.45**	**Argillite**	90.70	91.70	278693	1.00	1.520	2.00-3.00	5.0-10.0%		
Dark black, fine grained, argillites.			91.70	92.70	278694	1.00	4.340	1.00%	5.0%		
Weakly brecciated. Pyrrhotite layers (bedding?) 20-0TCA. 5% banded and blebby			92.70	93.45	278695	0.75	0.470	1.00%	5.0%		
pyrrohite, 1% pyrite. Sharp lower contact 28TCA.											
« po 5.0%» « py 1.0%» ‹ @ 91.50 fol 20° › ‹ @ 92.00 fol 0° › ‹ @ 93.45											
LCT 28° ›											
93.45	**95.30**	**Mafic Flow**	93.45	94.30	278696	0.85	0.131	1.00%	5.0%		
Dark green, fine grained mafic volcainc.			94.30	95.30	278697	1.00	0.012	1.00%	5.0%		

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		Fairly massive. Weak to moderate foliation 20TCA. Sharp lower contact with									
		argillite 20TCA.‹ @ 20.00 LCT 0° › ‹ @ 94.90 fol 20° › CT									
95.30	**104.60**	**Argillite**	95.30	96.30	278698	1.00	1.760	1.00%	5.0%		
		Dark black, fine grained, argillites.	96.30	97.30	278699	1.00	0.837	1.00%	5.0%		
		Weakly brecciated. Pyrrhotite layers (bedding?) 20-0TCA. 5% banded and blebby	97.30	97.31	278700	0.01	Standard				
		pyrrohite, 1% pyrite.	97.30	98.30	278701	1.00	5.810	1.00%	5.0%		
		From 102.8m-103.7m unit is silicified and brecciated. Mineralization is weaker	98.30	99.30	278702	1.00	4.210	1.00%	5.0%		
		through this interval. 2-3% pyrrhoitte, 1% pyrite, <0.5% chalcopyrite and	99.30	100.30	278703	1.00	3.800	1.00%	5.0%		
		appears to be cutting breccias.	100.30	101.30	278704	1.00	2.780	1.00%	5.0%		
		« po 5.0%» « py 1.0%» « cpy 0.1%» ‹ @ 102.90 qv 45° 3.0cm › (breccia)	101.30	102.30	278705	1.00	0.855	1.00%	5.0%		
			102.30	102.80	278706	0.50	0.182	1.00%	5.0%		
			102.80	103.70	278707	0.90	0.031	1.00%	5.0%		
			103.70	104.60	278708	0.90	0.456	0.10%	0.1%		
104.60	**107.35**	**Mafic Flow**	104.60	105.60	278709	1.00	0.018	0.10%	0.1%		
		Fine grained, dark green, mafic volcanic.	105.60	105.61	278710	0.01		Blank			
		3% cm-mm cale calcite veining. 1% hailine bleached fractures at high angle	105.60	106.60	278711	1.00	0.032	0.10%	0.1%		
		(60TCA) (offset calcite veining at 106.0m). Weakly silicified locally. Trace	106.60	107.35	278712	0.75	0.009	1.00%	0.1%		
		diss pyrrhotite and pyrite. Sharp lower contact with argillites 20TCA.									
		« po 0.1%» « py 0.1%» ‹ @ 106.50 cv 25° 1.00cm › ‹ @ 107.35 LCT 20° ›									
107.35	**108.60**	**Argillite**	107.35	108.60	278713	1.25	0.176	1.00%	5.0%		
		Dark black, fine grained, argillites.									
		Weakly brecciated. Pyrrhotite layers (bedding?) 20-0TCA. 5% banded and blebby									
		pyrrohite, 1% pyrite. Sharp lower contct with mafic 26TCA.‹ @ 108.60 LCT 26° ›									
		« po 5.0%» « py 1.0%»									
108.60	**112.40**	**Mafic Flow**	108.60	110.10	278714	1.50	0.020	1.00%	5.0%		
		Fine grained, dark green, mafic volcanic.	110.10	111.60	278715	1.50	0.028	0.10%	0.1%		
		3% cm-mm cale calcite veining. 1% hailine bleached fractures at high angle	111.60	112.40	278716	0.80	0.007	0.10%	0.1%	0.50%	

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		(60TCA) Trace diss pyrrhotite and pyrite. Sharp lower contact with argillites									
		24TCA.									
		« po 0.1%» « py 0.1%» ‹ @ 110.90 cv 5° › ‹ @ 112.40 LCT 24° ›									
112.40	**116.30**	**Argillite**	112.40	113.10	278717	0.70	0.365	0.10%	0.1%	0.50%	
		Dark black, fine grained, argillites + silica.	113.10	113.60	278718	0.50	4.110	1.00%	5.0%	0.50%	
		More deformed and mineralized than previous. B ecciated with increase in silica	113.60	114.10	278719	0.50	0.872	1.00%	5.0%	0.50%	
		and calcite. 5% banded and blebby pyrrhotite, 1% pyrite, <1% red sphalerite and	113.60	114.10	278720	0.50		Duplicate			
		trace chalcopyrite. Sharp lower contct with mafic dyke 50TCA	114.10	114.60	278721	0.50	0.853	1.00%	5.0%	0.50%	
		« po 5.0%» « py 1.0%» « sph 0.5%» « cpy 0.1%» ‹ @ 50.00 LCT 0° ›	114.60	115.10	278722	0.50	0.386	1.00%	5.0%	0.50%	
			115.10	115.60	278723	0.50	0.279	1.00%	5.0%	0.50%	
			115.60	116.30	278724	0.70	1.670	1.00%	5.0%	0.50%	
116.30	**116.70**	**Mafic-dyke**	116.30	116.70	278725	0.40	0.180	2.00%	5.0%	0.50%	
		Fine grained massive, undeformed mafic dyke.									
		Cut by late bleached hairlines. Sharp lower contact 45TCA.‹ @ 116.70 LCT 45° ›									
116.70	**117.60**	**Argillite**	116.70	117.10	278726	0.40	0.307	2.00%	5.0%		
		Dark black, fine grained, argillites.	117.10	117.60	278727	0.50	0.164	2.00%	15.0%	10.00%	0.10%
		Weakly brecciated. Pyrrhotite mm scale layers (bedding?) 25TCA.									
		Large irregular calcitevein at 117.15m.									
		From 117.4m-117.6m is an interval of semi-massive pyrrhotite and sphalerite.									
		Trace arsenopyrite. Interval is brecciated with calcite>>quartz. Not veinlike.									
		Contacts fairly sharp but irregular 25TCA.									
		Rest of interval has 5% banded and blebby pyrrohite, 1% pyrite.									
		‹ @ 117.00 fol 25° › « po 5.0%» « py 2.0%» ‹ @ 117.15 cv 32° 10.00cm ›									
		« 117.40- 117.60 po 15.0%» « sph 10.0%» « py 2.0%» « aspy -0.10%»									
117.60	**120.00**	**Mafic Flow**	117.60	118.35	278728	0.75	0.014	2.00%	15.0%	10.00%	0.10%

From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		Fine grained, dark green, mafic volcanic.	118.35	119.35	278729	1.00	0.008	0.10%	0.1%		
		5% cm-mm cale calcite veining. 1% hailine bleached fractures at high angle	119.30	120.00	278731	0.70	0.008	0.10%	0.1%		
		(60TCA) Trace diss pyrrhotite and pyrite.	119.35	119.36	278730	0.01	Standard				.
		« po 0.1%» « py 0.1%» ‹ @ 118.50 cv 15° 1.00cm ›									
120.00	**120.00**	**EOH**									

Great Bear Resources Ltd. ***Hole Number: DL-008***

Dixie Lake Project

Diamond Drill Log

NORTH:	5633637.000	Logged By:	C. McCullough	Datum : Nad 83/UTM 15N
EAST:	456343.000	Drill dates	2017/07/20 - 2017/07/21	Collar survey: GPS
ELEVATION:	373.000 m	Log Dates:	2017/07/18 - 2017/07/25	Assayer : ACT Labs
LENGTH:	195.00 m	Contractor:	Chibougamau	Claim: KRL1023100
Core Size : NQ2 Core Storage: On Site		Comments Signature: C Hff		

DEPTH	DIP	AZIMUTH	Survey Type
0.00	-55.00	215.00	REFLEX
18.00	-55.20	214.40	REFLEX
69.00	-54.60	213.10	REFLEX
120.00	-53.80	213.60	REFLEX
174.00	-53.70	214.70	REFLEX

Great Bear Resources Ltd. **Dixie Lake Project** ***Hole Number: DL-008***

From	To	Rocktype & Description
0.00	**9.00**	**Casing**
9.00	**50.90**	**Foliated Garnet Mafic Flow**
Recrystalized mafic flow with garnets.		
Medium to coarse grained, light grey flattened frags, <cm garnets & amphibole		
crystals; strongly foliated. Wispy calcite veinlets and fragments <1cm parallel		
to foliation. Moderate to strong foliation 45TCA. Broken lower contact.		
‹ @ 16.00 fol 44° › ‹ @ 41.00 fol 43° › ‹ @ 12.90 cv 45° 1.00cm › ‹ @		
31.60 cv 45° 1.00cm ›		

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
9.00	10.50	278732	1.50	0.008				
10.50	12.00	278733	1.50	0.011				
12.00	13.50	278734	1.50	0.043				
13.50	15.00	278735	1.50	0.011				
15.00	16.50	278736	1.50	0.005				
16.50	18.00	278737	1.50	0.005				
18.00	19.50	278738	1.50	0.005				
19.50	21.00	278739	1.50	0.005				
21.00	21.01	278740	0.01		Blank			
21.00	22.50	278741	1.50	0.005				
22.50	24.00	278742	1.50	0.005				
24.00	25.50	278743	1.50	0.005				
25.50	27.00	278744	1.50	0.005				
27.00	28.50	278745	1.50	0.005				
28.50	30.00	278746	1.50	0.005				
30.00	31.50	278747	1.50	0.005				
31.50	33.00	278748	1.50	0.005				
33.00	34.50	278749	1.50	0.005				
33.00	34.50	278750	1.50		Duplicate			
34.50	36.00	278751	1.50	0.007				
36.00	37.50	278752	1.50	0.005				
37.50	39.00	278753	1.50	0.009				
39.00	40.50	278754	1.50	0.009				
40.50	42.00	278755	1.50	0.010				
42.00	43.50	278756	1.50	0.005				

From	To	Rocktype & Description
50.90	**58.75**	**Rhyolite**
Purple-pink-beige, fine grained felsic volcanic.		
Very silicicous, banded appearence cause by <3cm bands of sericite>kspar>silica		
alteration. banding 45TCA. Weakly foliated. Core is quite broken. Trace pyrite,		
ususally near silica. Sharp lower contact .		
« sericite, kspar and silica banding » « py 0.1%» ‹ @ 56.40 qv 45° 15.0cm ›		
(probably not a real vein) ‹ @ 58.75 LCT 47° ›		
58.75	**86.70**	**Foliated Garnet Mafic Flow**
Recrystalized mafic flow with garnets.		
Medium to coarse grained, light grey flattened frags, <cm garnets & amphibole		
crystals; strongly foliated. Wispy calcite veinlets and fragments <1cm parallel		
to foliation. Moderate to strong foliation 45TCA. Sharp lower contact with		
group of mafic dykes 40TCA.		
From 68.10m-68.8m unit becomes more massive possible dyke??		
‹ @ 70.90 fol 45° › ‹ @ 86.70 LCT 40° ›		

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
43.50	45.00	278757	1.50	0.007				
45.00	46.50	278758	1.50	0.005				
46.50	48.00	278759	1.50	0.005				
48.00	48.01	278760	0.01	Standard				
48.00	49.50	278761	1.50	0.007				
49.50	50.90	278762	1.40	0.018	0.10%			
50.90	52.40	278763	1.50	0.018	0.10%			
52.40	54.00	278764	1.60	0.060	0.10%			
54.00	55.50	278765	1.50	0.054	0.10%			
55.50	57.00	278766	1.50	0.014	0.10%			
57.00	57.80	278767	0.80	0.030	0.10%			
57.80	58.75	278768	0.95	0.095	0.10%			
58.75	60.00	278769	1.25	0.100	0.10%			
60.00	60.01	278770	0.01		Blank			
60.00	61.50	278771	1.50	0.014				
61.50	63.00	278772	1.50	0.005				
63.00	64.50	278773	1.50	0.005				
64.50	66.00	278774	1.50	0.007				
66.00	67.50	278775	1.50	0.006				
67.50	69.00	278776	1.50	0.005				
69.00	70.50	278777	1.50	0.005				
70.50	72.00	278778	1.50	0.005				
72.00	73.50	278779	1.50	0.005				
72.00	73.50	278780	1.50		Duplicate			

From	To	Rocktype & Description
86.70	**99.15**	**Mafic-dyke**
		Interval with 50% fine, grained, massive mafic dykes cutting foliated, garnet
		mafic flow. Dyke are undeformed with sharp upper and lower contacts cutting
		foliation. Contacts average 20TCA. Unmineralized. 1% mm scale calcite veinlets
		45TCA.
		Dykes: 86.7m-87.2m, 88.5m-89.2m, 89.4m-89.8m, 91.9m-95.4m, 96.0m-99.15m
		‹ @ 99.15 LCT 45° ›
99.15	**155.70**	**Foliated Garnet Mafic Flow**
		Recrystalized mafic flow with garnets.
		Medium to coarse grained, light grey flattened frags, <cm garnets & amphibole
		crystals; strongly foliated. Wispy calcite veinlets and fragments <1cm parallel
		to foliation.
		From 145.7m-146.2m dyke? fine grained, massive, undeformed but sharp contacts
		parallel to foliation.
		Lower contact broken and faulted with biotite selvage pillow basalt.

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
73.50	75.00	278781	1.50	0.005				
75.00	76.50	278782	1.50	0.005				
76.50	78.00	278783	1.50	0.028				
78.00	79.50	278784	1.50	0.005				
79.50	81.00	278785	1.50	0.005				
81.00	82.50	278786	1.50	0.005				
82.50	84.00	278787	1.50	0.005				
84.00	85.50	278788	1.50	0.005				
85.50	86.70	278789	1.20	0.005				
86.70	86.71	278790	0.01	Standard				
86.70	88.00	278791	1.30	0.005				
88.00	89.50	278792	1.50	0.005				
89.50	91.00	278793	1.50	0.005				
91.00	92.50	278794	1.50	0.005				
92.50	94.00	278795	1.50	0.005				
94.00	95.50	278796	1.50	0.005				
95.50	97.00	278797	1.50	0.084				
97.00	98.50	278798	1.50	0.005				
98.50	99.15	278799	0.65	0.007				
99.15	99.16	278800	0.01		Blank			
99.15	100.50	278801	1.35	0.005				
100.50	102.00	278802	1.50	0.005				
102.00	103.50	278803	1.50	0.005				
103.50	105.00	278804	1.50	0.005				
105.00	106.50	278805	1.50	0.005				
106.50	108.00	278806	1.50	0.005				
108.00	109.50	278807	1.50	0.005				

From	To	Rocktype & Description
		‹ @ 102.00 fol 43° › ‹ @ 122.00 fol 45° › ‹ @ 139.50 fol 45° › ‹ @ 147.50 fol 50° › ‹ @ 133.50 cv 45° 1.00cm › calcite breccia. « 133.50- 133.70 py 0.1%» ‹ @ 128.90 qv 45° 2.0cm › late dilational-vein perpindicular to foliation.
		« 154.45- 154.55 py 1.0%» ‹ @ 154.45 cv 45° 1.00cm ›
		« 112.20- 112.30 FZ 45°» gougey fault
		« 113.00- 113.10 FZ 70°» gougey fault.
		« 154.10- 154.20 FZ 70°» rubble fault (gouge washed away?)
		« 155.65- 155.70 FZ 90°» faulted contact between foliated garnet mafic flow and biotite selvage pillow basalt. ‹ @ 155.70 LCT 90° ›

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
109.50	111.00	278808	1.50	0.005				
111.00	112.50	278809	1.50	0.005				
111.00	112.50	278810	1.50		Duplicate			
112.50	114.00	278811	1.50	0.005				
114.00	115.50	278812	1.50	0.005				
115.50	117.00	278813	1.50	0.005				
117.00	118.50	278814	1.50	0.005				
118.50	120.00	278815	1.50	0.005				
120.00	121.50	278816	1.50	0.005				
121.50	123.00	278817	1.50	0.005				
123.00	124.50	278818	1.50	0.005				
124.50	126.00	278819	1.50	0.005				
126.00	126.10	278820	0.10	Standard				
126.00	127.50	278821	1.50	0.005				
127.50	129.00	278822	1.50	0.005				
129.00	130.50	278823	1.50	0.005				
130.50	132.00	278824	1.50	0.005				
132.00	133.50	278825	1.50	0.005	0.10%			
133.50	135.00	278826	1.50	0.005	0.10%			
135.00	136.50	278827	1.50	0.005				
136.50	138.00	278828	1.50	0.005				
138.00	139.50	278829	1.50	0.005				
139.50	139.51	278830	0.01		Blank			
139.50	141.00	278831	1.50	0.005				
141.00	142.50	278832	1.50	0.005				
142.50	144.00	278833	1.50	0.005				
144.00	145.50	278834	1.50	0.005				

From	To	Rocktype & Description
155.70	169.50	**Biotite Selvage Pillowed Mafic**
		Medium green, fine grained pillow basalt.
		Pillows flattened and <30cm. Calcite selvages. <cm scale biotite altered chill
		margins (giving wispy appearance) Unmineralized. Locally trace pyrite in
		selvages. Moderately deformed with weak to moderate foliation. Gradational
		lower contact into more sheared biotite selvage pillow basalt.
		‹ @ 163.65 fol 55° ›
169.50	172.70	**Shear zone**
		Strongly sheared biotite selvage pillow basalt.
		Foliation and flattening more intense. Increase in bioite alteration. Two small
		dykes from 170.4m-170.6m and 170.8m-170.9m. Sharp upper and lower contacts
		parallel to foliation. at 170.4m dyke upper contact offset by late calcite
		filled fracture 45TCA perpindicular to foliation.Sharp lower contact with
		argillite 45TCA.

From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
145.50	147.00	278835	1.50	0.005				
147.00	148.50	278836	1.50	0.005				
148.50	150.00	278837	1.50	0.005				
150.00	151.50	278838	1.50	0.005				
151.50	153.00	278839	1.50	0.005				
151.50	153.00	278840	1.50		Duplicate			
153.00	154.50	278841	1.50	0.005	1.00%			
154.50	155.70	278842	1.20	0.005	1.00%			
155.70	157.00	278843	1.30	0.006				
157.00	158.00	278844	1.00	0.007				
158.00	159.00	278845	1.00	0.006				
159.00	160.50	278846	1.50	0.005				
160.50	162.00	278847	1.50	0.006				
162.00	163.50	278848	1.50	0.006				
163.50	165.00	278849	1.50	0.016				
165.00	165.01	278850	0.01		Standard			
165.00	166.50	278851	1.50	0.037				
166.50	168.00	278852	1.50	0.006				
168.00	169.50	278853	1.50	0.007				
169.50	171.00	278854	1.50	0.010				
171.00	172.00	278855	1.00	0.006				
172.00	172.70	278856	0.70	0.032				

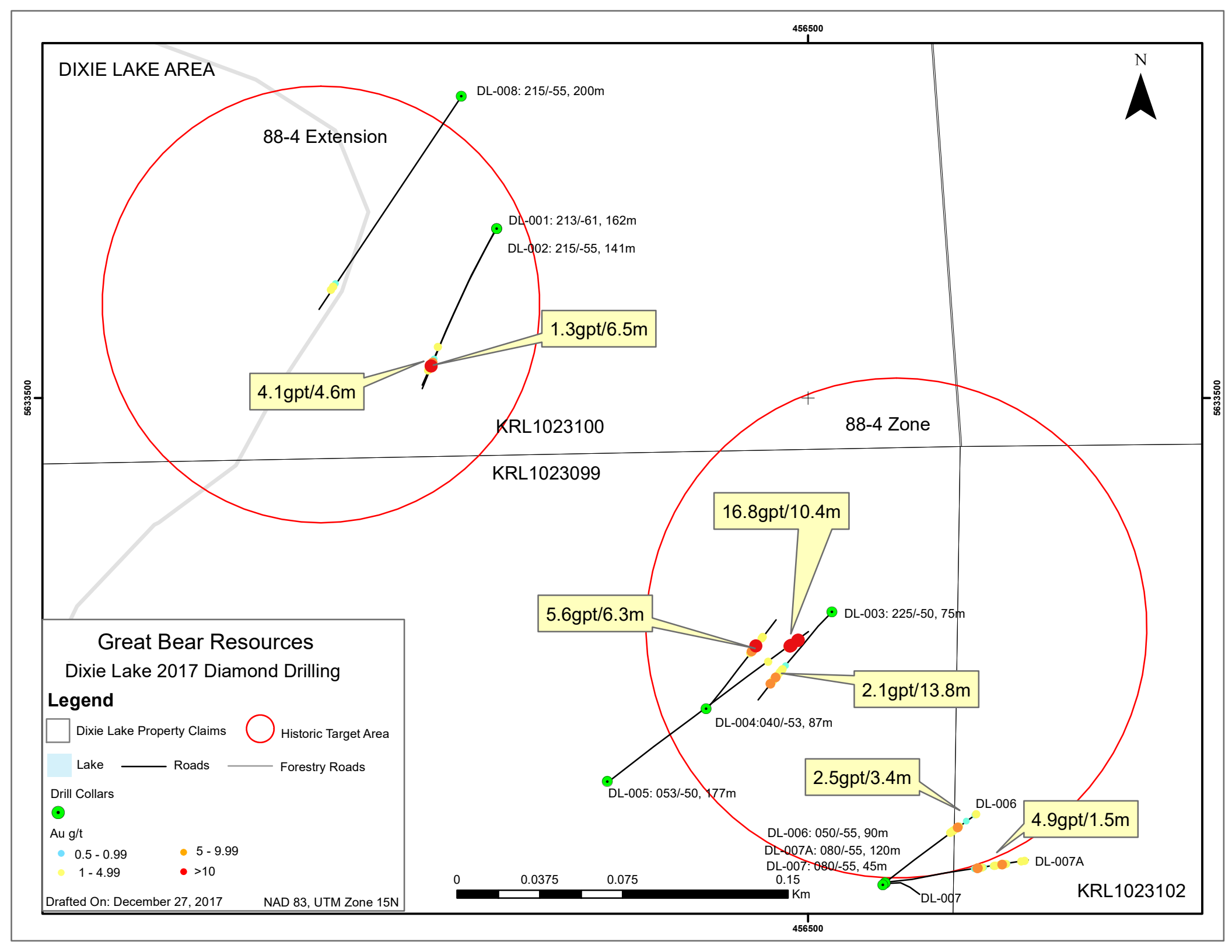
From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
172.70	**173.80**	**Argillite**	172.70	173.80	278857	1.10	0.256	5.00%	2.0-3.0%		
Black, fine grained argillite with 5% mm scle bands and blebs of pyrite. From											
173.3m-173.6m is a late brittle fault filled with gouge and mm sized rounded											
fragments of argillite cemented together. Sharp lower contact with Altered											
Zone.											
« 173.30- 173.60 FZ 90°» « py 5.0%» ‹ @ 173.00 fol 50° › ‹ @ 173.80 LCT											
47° ›											
173.80	**178.90**	**ALT**	173.80	174.40	278858	0.60	0.316	5.00-10.00	2.0-3.0%		
Altered Zone.			174.40	175.00	278859	0.60	0.388	5.00-10.00	2.0-3.0%		
75% dark grey fine grained, brecciated silica.			175.00	175.01	278860	0.01		Blank			
From 173.8m-175m unit is strongly deformed and brecciated (50% silica, 25%			175.00	175.50	278861	0.50	0.056	5.00-10.00	2.0-3.0%		
argillite, 25% calcite breccia). Strongly mineralized with 5-10% pyrite and			175.50	176.00	278862	0.50	0.503	10.00-15.0	1.0-2.0%		
2-3% pyrrhotite. Areas of intense breccia have light beige sericite			176.00	176.60	278863	0.60	0.242	5.00%	1.0-2.0%		
alteration.			176.60	177.25	278864	0.65	0.088	5.00%	1.0-2.0%		
From 175m-176.6m unit is banded <3cm wide of semi-massive pyrite, silica and			177.25	177.90	278865	0.65	0.113	3.00-1.00	1.0%		
calcite. Bands are controted and folded. Average 55TCA.			177.90	178.50	278866	0.60	0.033	3.00-1.00	1.0%		
From 176.6-m-177.9m unit is strongly deformed and brecciated. Mineralized with			178.50	178.90	278867	0.40	2.170	3.00-1.00	1.0%		
5% pyrite and 1-2% pyrrhotite. Areas of intense breccia have light beige											
sericite and calcite alteration.											
From 177.9m-178.9m is more massive , fine grained dark grey silica. Decrease in											
mineralization 3% pyrite 1% pyrrhotite. Sharp lower contact 55TCA											
« 173.80- 175.00 py 5.0-10.0%» « po 2.0-3.0%»« 175.00- 176.60 py											
10.0-15.0%» « po 1.0-2.0%» semimassive bands of pyrite. ‹ @ 175.50 fol 55° ›											

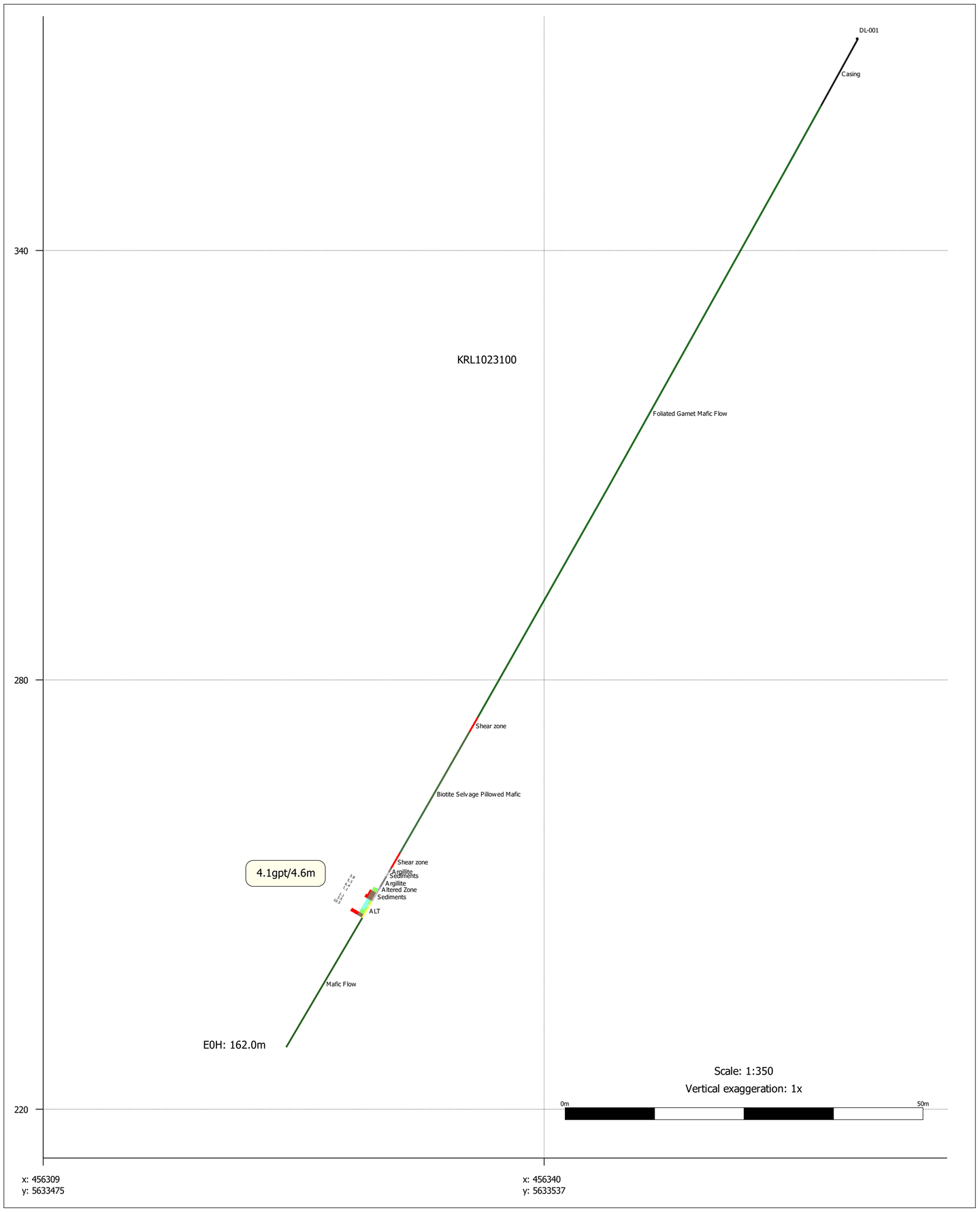
From	To	Rocktype & Description	From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
		« 176.60- 177.90 py 5.0%» « po 1.0-2.0%» ‹ @ 178.60 fol 54° ›									
		« 177.90- 178.90 py 3.0-1.0%» « po 1.0%» ‹ @ 178.90 LCT 55° ›									
178.90	**181.40**	**Mafic Flow**	178.90	180.00	278868	1.10	0.831	3.00-1.00	1.0%		
Dark geen , fine grained massive mafic. Weakly foliated wit hweak aptchy			180.00	180.75	278869	0.75	0.378				
biotite and hailine fractures. Unmineralized. Sharp lower contact 70TCA.			180.00	180.75	278870	0.75		Duplicate			
« patchy weak biotite » ‹ @ 181.40 LCT 70° ›			180.75	181.40	278871	0.65	0.336	5.00-8.00	1.0-2.0%		
181.40	**183.30**	**ALT**	181.40	182.00	278872	0.60	2.640	5.00-8.00	1.0-2.0%		
Altered Zone			182.00	182.60	278873	0.60	0.347	5.00-8.00	1.0-2.0%		
Similar to above but slightly more altered. Alteration consists of sericite,			182.60	183.30	278874	0.70	0.479	5.00-8.00	1.0-2.0%		
calcite and chlorite (interval has green hue). Mineralization consists of 5-8%											
pyrite, 1-2% pyhhotite. Modratly foliated 50TCA. Bandsof silica <8cm wide,											
50TCA become more massive towards lower contact.											
« py 5.0-8.0%» « po 1.0-2.0%» ‹ @ 181.50 fol 50° ›											
183.30	**195.50**	**Mafic Flow**	183.30	184.00	278875	0.70	0.090	5.00-8.00	1.0-2.0%		
Fine grained, massive mafic flow.			184.00	185.00	278876	1.00	0.030				
Weakly foliated 5% calcite veins <.5cm. Local bleached hairline fractures			185.00	186.00	278877	1.00	0.006				
cutting foliation.			186.00	187.50	278878	1.50	0.008				
From 183.45m-183.65m is a large calcite+quartz-vein parallel to foliation.			187.50	189.00	278879	1.50	0.037				
Unmineralized.			189.00	189.01	278880	0.01			Standard		
‹ @ 183.45 qv 50° 20.0cm › ‹ @ 189.30 fol 55° ›			189.00	190.50	278881	1.50	0.029				
			190.50	192.00	278882	1.50	0.008				
			192.00	193.50	278883	1.50	0.005				
			193.50	195.00	278884	1.50	0.005				

From	To	Rocktype & Description
195.50	**195.50**	**EOH**

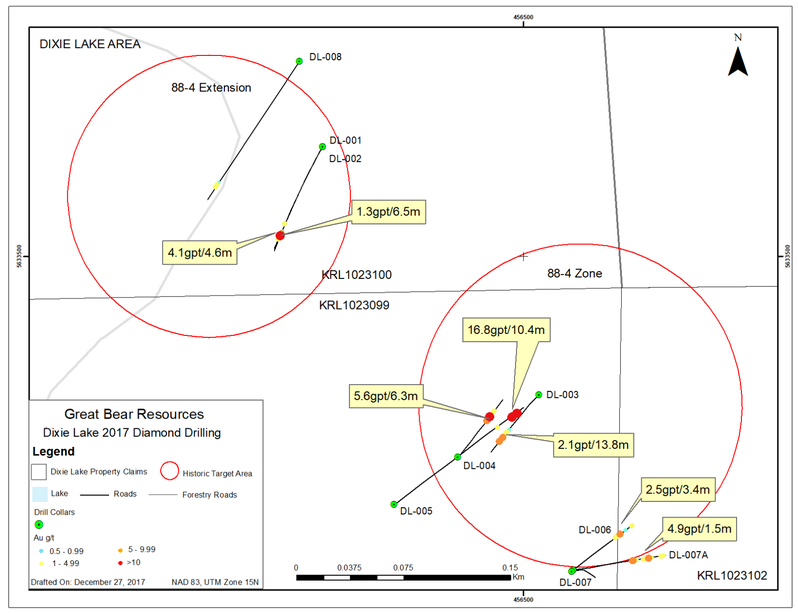
From	To	Sample	Width (m)	Au (g/t) 50 g FA	Py	Po	Sph	Aspy
195.00	195.50	278885	0.50	0.007				

Abbreviation	Full Name
amph	amphibole
aspy	arsenopyrite
Bt	Biotite
carb	carbonate
carb-vein	carbonate vein
chl	chlorite
cpy	chalcopyrite
Dyke	Dyke Full Name
ep	epidote
F1	F1 fold
feld	feldspar
fol	foliation
ga	galena
gar	garnet
LCT	Lower Contact
mag	magnetite
mt	magnetite
po	pyrrhotite
py	pyrite
q-py-vein	quart pyrite vein
qtz	qaurtz
qtz-carb-vein	quartz carbonate vein
qtz-vein	quartz-vein
QV	quartz vein
qvain	
S1	Foliation
ser	sericite
sil	silicification
SO	bedding
sph	sphalerite
staur	staurolite
stringers	stringers
UCT	upper contact
VG	Visible Gold
diss	dissemiated
str	strong
mod-str	moderate to strong
wk	weak
cg	coarse grained
tr	trace


DIXIE LAKE AREA
456500
N
88-4 Extension
DL-008: 215/-55, 200m
DL-001: 213/-61, 162m
DL-002: 215/-55, 141m
1.3gpt/6.5m
4.1gpt/4.6m
5633500
KRL1023100
88-4 Zone
KRL1023099
16.8gpt/10.4m
5.6gpt/6.3m
DL-003: 225/-50, 75m
2.1gpt/13.8m
DL-004:040/-53, 87m
DL-005: 053/-50, 177m
2.5gpt/3.4m
DL-006
4.9gpt/1.5m
DL-006: 050/-55, 90m
DL-007A: 080/-55, 120m
DL-007: 080/-55, 45m
DL-007A
DL-007
KRL1023102
0
0.0375
0.075
0.15
Km
Great Bear Resources
Dixie Lake 2017 Diamond Drilling
Legend
Dixie Lake Property Claims
Historic Target Area
Lake
Roads
Forestry Roads
Drill Collars
Au g/t
0.5 - 0.99
1 - 4.99
5 - 9.99
>10
Drafted On: December 27, 2017
NAD 83, UTM Zone 15N



Vertical Section
DL-001: 213/-61, 162.0 meters
Looking 303 (NW)



Great Bear Resources
Dixie Lake Property
Vertical Section
DL-001
December 21, 2017

Claim_Boundary
Claim Boundary

Au (g/t)
≤ 1
≤ 15
≤ 5
> 15

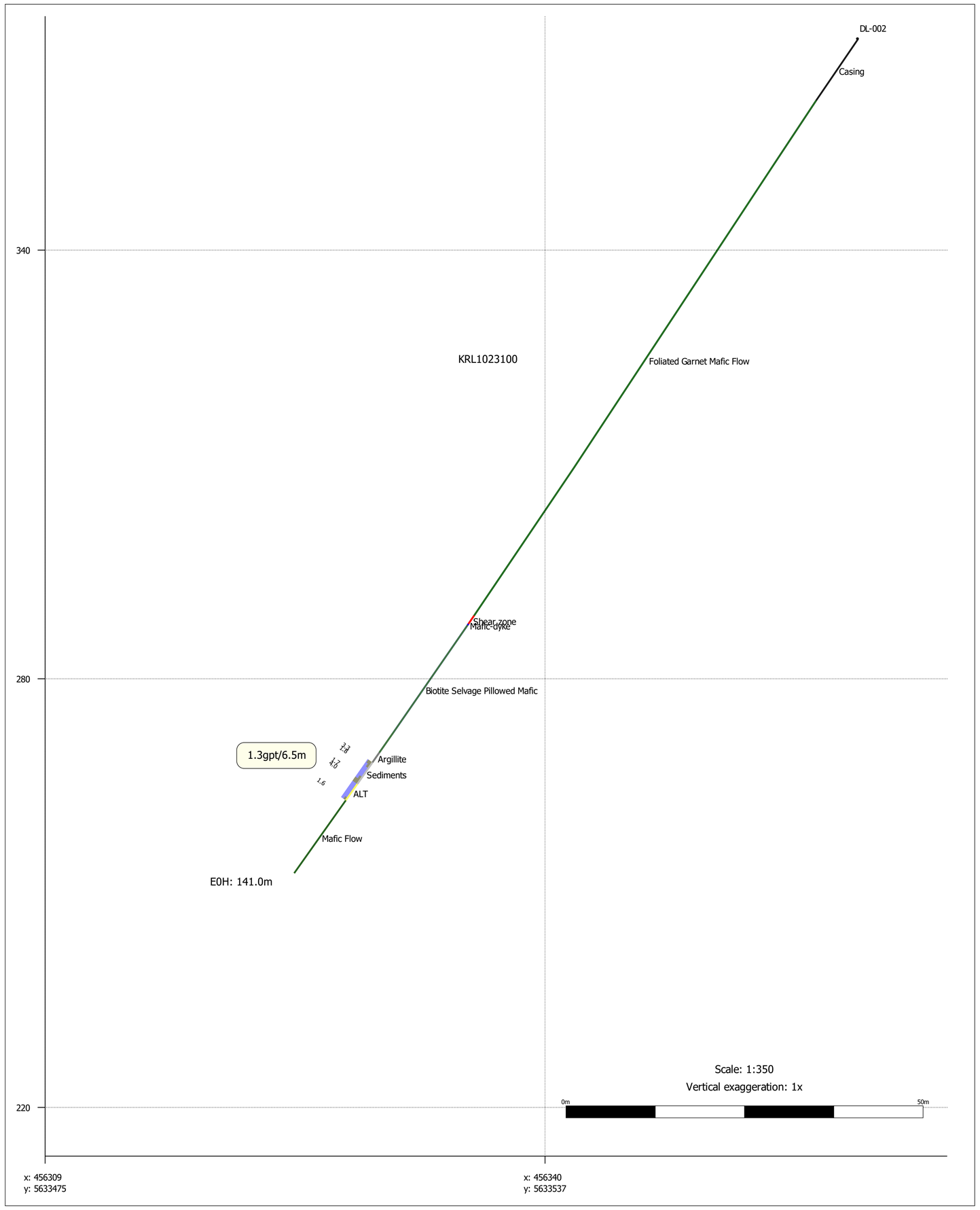
Location: NAD 83 UTM Zone 15N

Left Label: 456309, 5633475
Right Label: 456366, 5633588

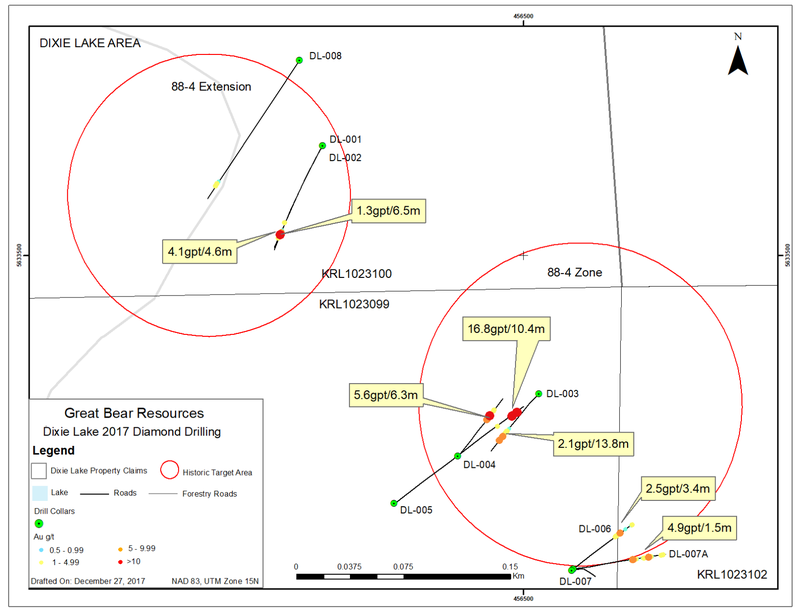
Legend

ROCKCODE

2S-2P	BIF	CHL	Foliated Garnet Mafic Flow	KOM	OVBN	QTZ	Shear zone
ALT	BRECCIA	CHT	Foliated Garnet Pillow mafic	LAMP	OVE	RHY	TFF
AMPH	BSLT	Casing	Foliated Garnet Pillowed Mafic	MUD	PEG	Rhyolite	
AND	BSLT/CLASTIC	DAC	GAB	Mafic Flow	Peperite	SIF	
ARG	Biotite Selvage Pillowed Mafic	DI	GB	Mafic-dyke	Pillow Lavas	SLT	
Altered Zone	CALC	DIA	GN	Massive Mafic	QD	SS	
Altered Zone - Calcite	CARB	FAULT	GR	OB	QDI	SULPH	
Argillite	CHERT	Foliated Garnet Mafic Flow	GWK	OVBD	QFP	Sediments	



Vertical Section
DL-002: 215/-55, 141.0 meters
Looking 305 (NW)



Great Bear Resources
Dixie Lake Property
Vertical Section
DL-002
December 21, 2017

Claim_Boundary
- Claim Boundary

Au (g/t)
- ≤ 1
- ≤ 15
- ≤ 5
- > 15

Location: NAD 83 UTM Zone 15N

Left Label: 456309, 5633475

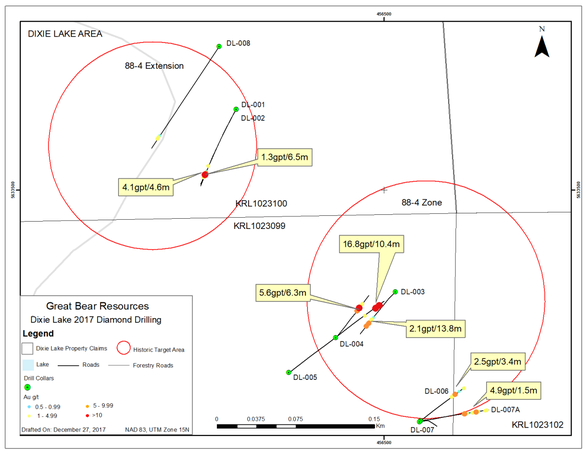
Right Label: 456366, 5633588

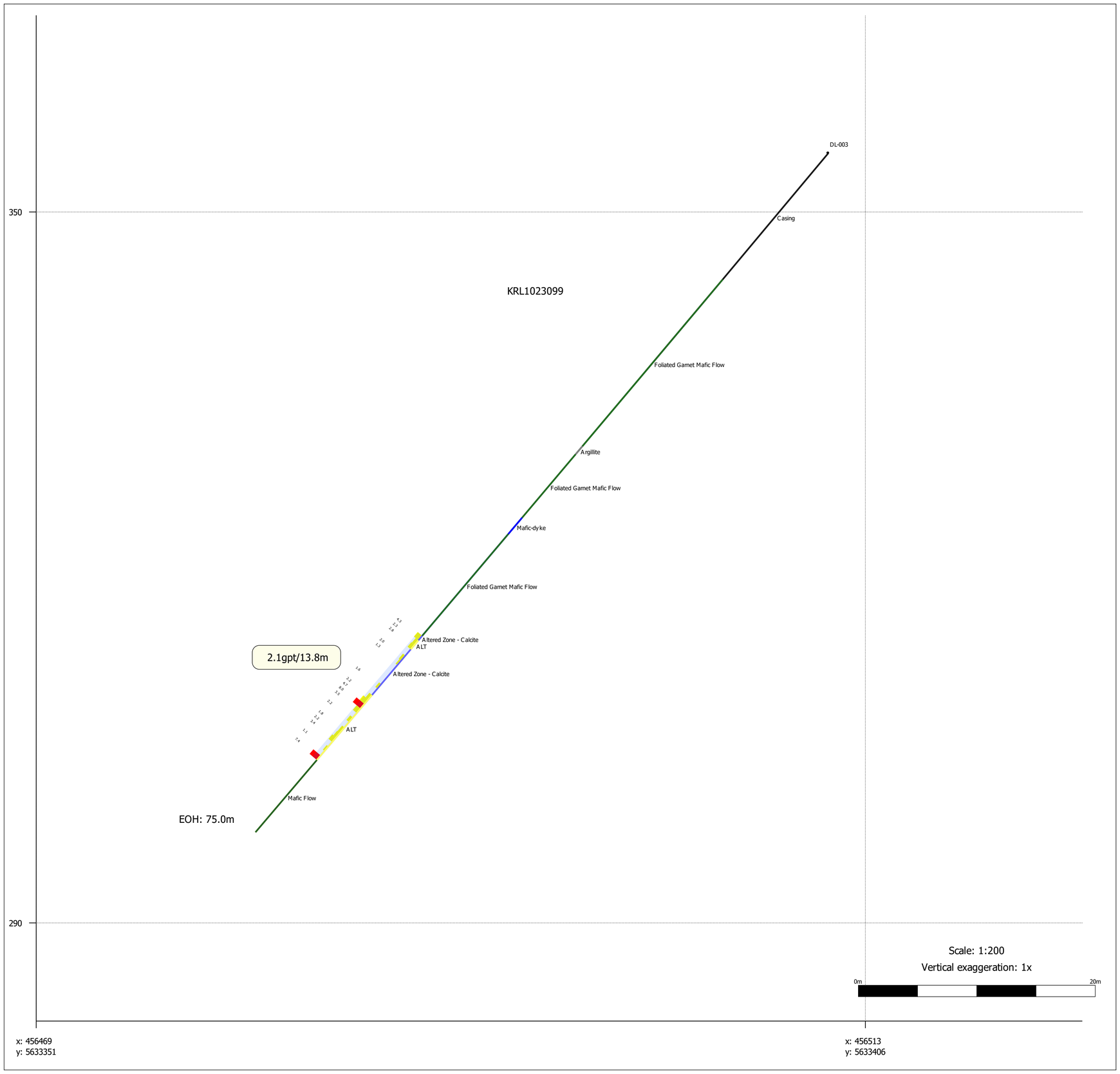
Legend

ROCKCODE

- 2S-2P
- ALT
- AMPH
- AND
- ARG
- Altered Zone
- Altered Zone - Calcite
- Argillite
- BIF
- BRECCIA
- BSLT
- BSLT/CLASTIC
- Biotite Selvage Pillowed Mafic
- CALC
- CARB
- CHERT
- CHL
- CHT
- Casing
- DAC
- DI
- DIA
- FAULT
- Foliated Garnet Mafic Flow
- Foliated Garnet Mafic Flow
- Foliated Garnet Pillow mafic
- Foliated Garnet Pillowed Mafic
- GAB
- GB
- GN
- GR
- GWK
- KOM
- LAMP
- MUD
- Mafic Flow
- Mafic-dyke
- Massive Mafic
- OB
- OVBD
- OVBN
- OVE
- PEG
- Peperite
- Pillow Lavas
- QD
- QDI
- QFP
- QTZ
- RHY
- Rhyolite
- SIF
- SLT
- SS
- SULPH
- Sediments
- Shear zone
- TFF

Vertical Section
DL-003: 075/-50, 75meters
Looking 345 (NNW)





Great Bear Resources
Dixie Lake Property
Vertical Section
DL-003
December 21, 2017

Location: NAD 83 UTM Zone 15N

Left Label: 456469, 5633351

Right Label: 456524, 5633420

Legend

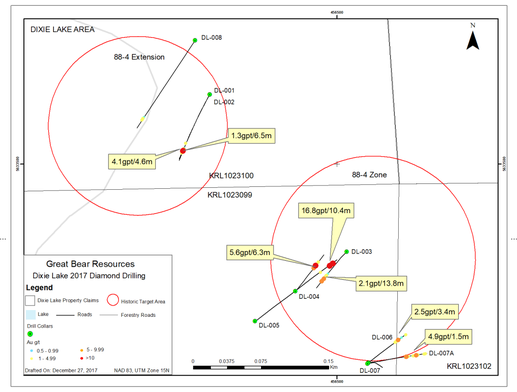
Claim_Boundary
- Claim Boundary

Au (g/t)
- ≤ 1
- ≤ 5
- ≤ 15
- > 15

ROCKCODE

2S-2P	BIF	CHL	Foliated Garnet Mafic Flow	KOM	OVBN	QTZ	Shear zone
ALT	BRECCIA	CHT	Foliated Garnet Pillow mafic	LAMP	OVE	RHY	TFF
AMPH	BSLT	Casing	Foliated Garnet Pillowed Mafic	MUD	PEG	Rhyolite	
AND	BSLT/CLASTIC	DAC	GAB	Mafic Flow	Peperite	SIF	
ARG	Biotite Selvage Pillowed Mafic	DI	GB	Mafic-dyke	Pillow Lavas	SLT	
Altered Zone	CALC	DIA	GN	Massive Mafic	QD	SS	
Altered Zone - Calcite	CARB	FAULT	GR	OB	QDI	SULPH	
Argillite	CHERT	Foliated Garnet Mafic Flow	GWK	OVBD	QFP	Sediments	

Vertical Section
DL-004: 040/-53, 87.0 meters
DL-005: 053/-50, 177.0 metres
Looking 310(NW)



Great Bear Resources
Dixie Lake Property
Vertical Section
DL-004 & DL-005
December 21, 2017

Claim_Boundary
Claim Boundary

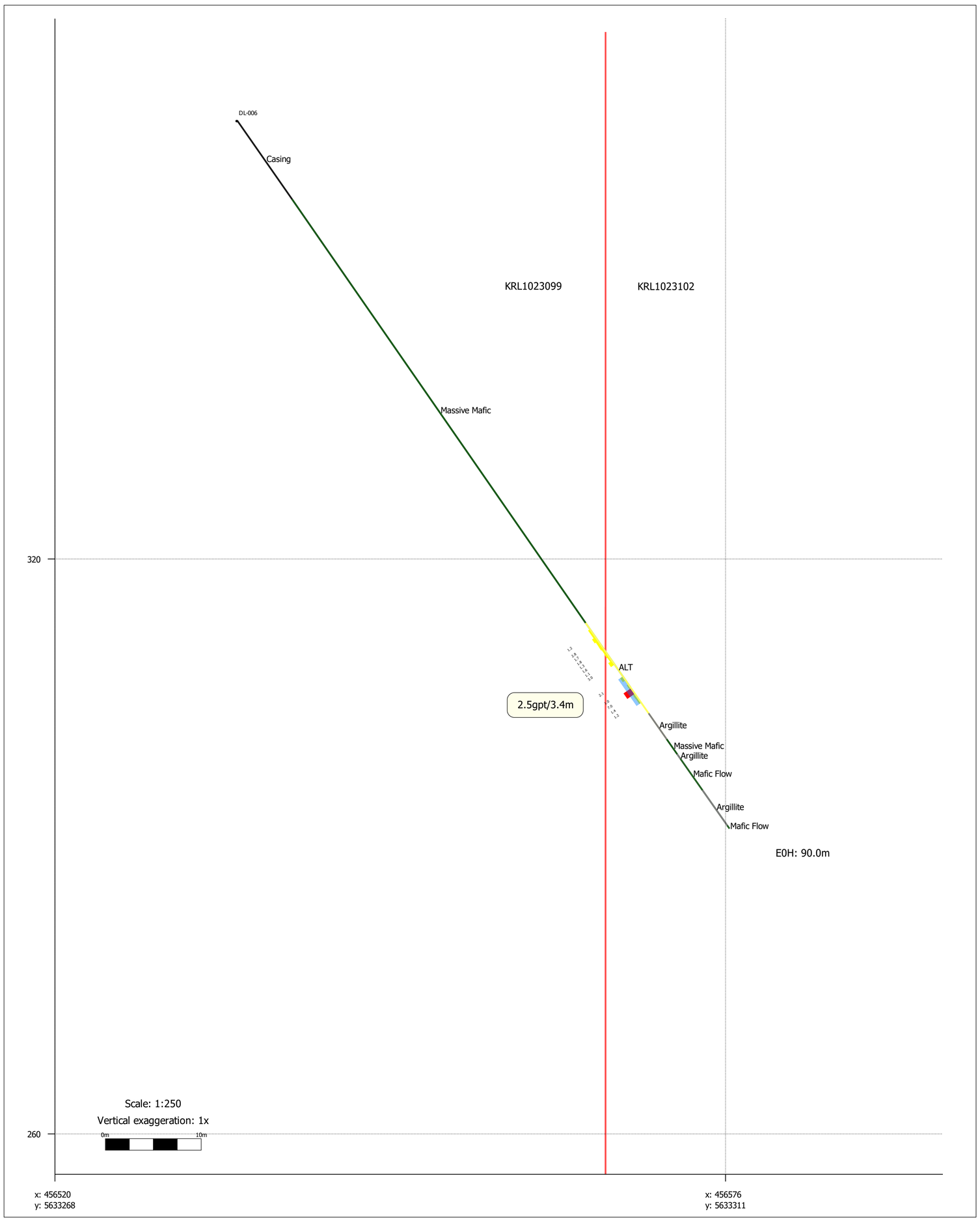
Au (g/t)
≤ 1 ≤ 15
≤ 5 > 15

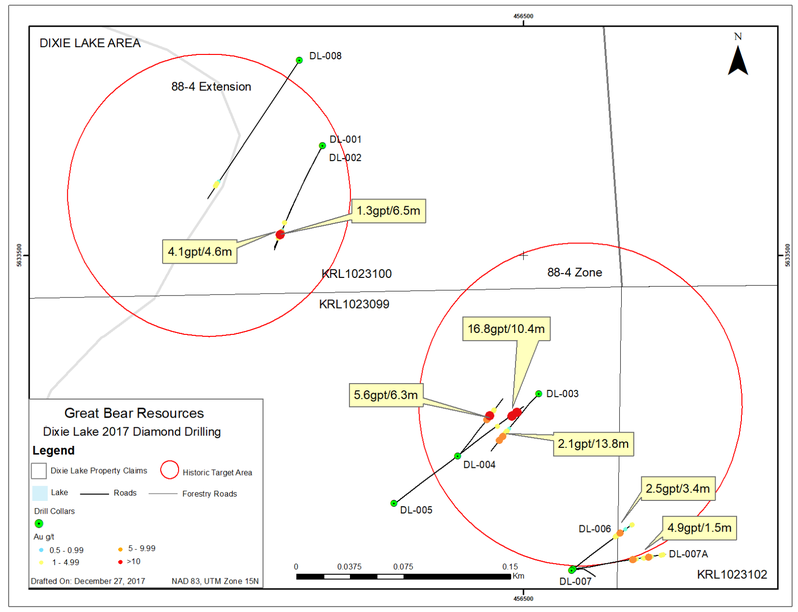
Location: NAD 83 UTM Zone 15N
Left Label: 456381, 5633306
Right Label: 456551, 5633434

Legend

ROCKCODE
2S-2P
ALT
AMPH
AND
ARG
Altered Zone
Altered Zone - Calcite
Argillite
BIF
BRECCIA
BSLT
BSLT/CLASTIC
Biotite Selvage Pillowed Mafic
CALC
CARB
CHERT
CHL
CHT
Casing
DAC
DI
DIA
FAULT
Foliated Garnet Mafic Flow
Foliated Garnet Mafic Flow
Foliated Garnet Pillow mafic
Foliated Garnet Pillowed Mafic
GAB
GB
GN
GR
GWK
KOM
LAMP
MUD
Mafic Flow
Mafic-dyke
Massive Mafic
OB
OVBD
OVBN
OVE
PEG
Peperite
Pillow Lavas
QD
QDI
QFP
QTZ
RHY
Rhyolite
SIF
SLT
SS
SULPH
Sediments
Shear zone
TFF

Vertical Section
DL-006: 050/-55, 90.0 meters
Looking 320 (NW)





Great Bear Resources
Dixie Lake Property
Vertical Section
DL-006
December 21, 2017

Claim_Boundary
- Claim Boundary

Au (g/t)
- ≤ 1
- ≤ 15
- ≤ 5
- > 15

Location: NAD 83 UTM Zone 15N

Left Label: 456520, 5633268

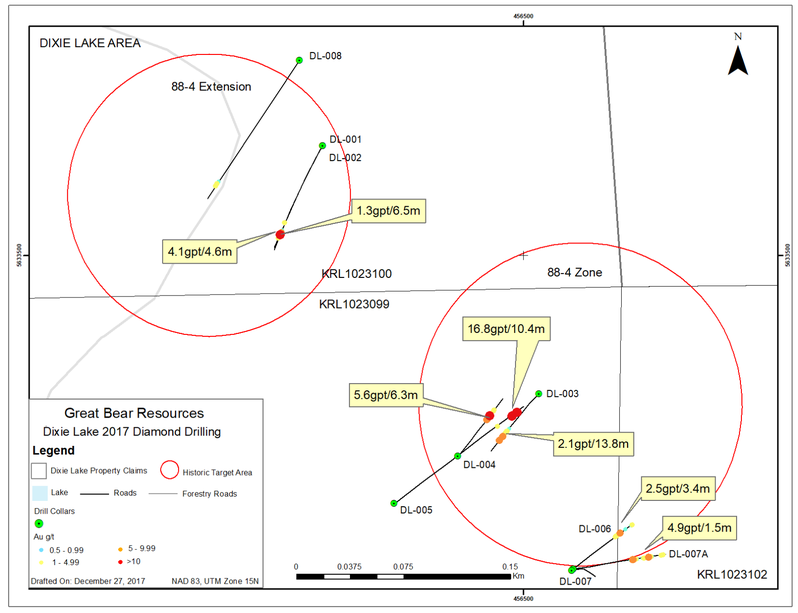
Right Label: 456593, 5633325

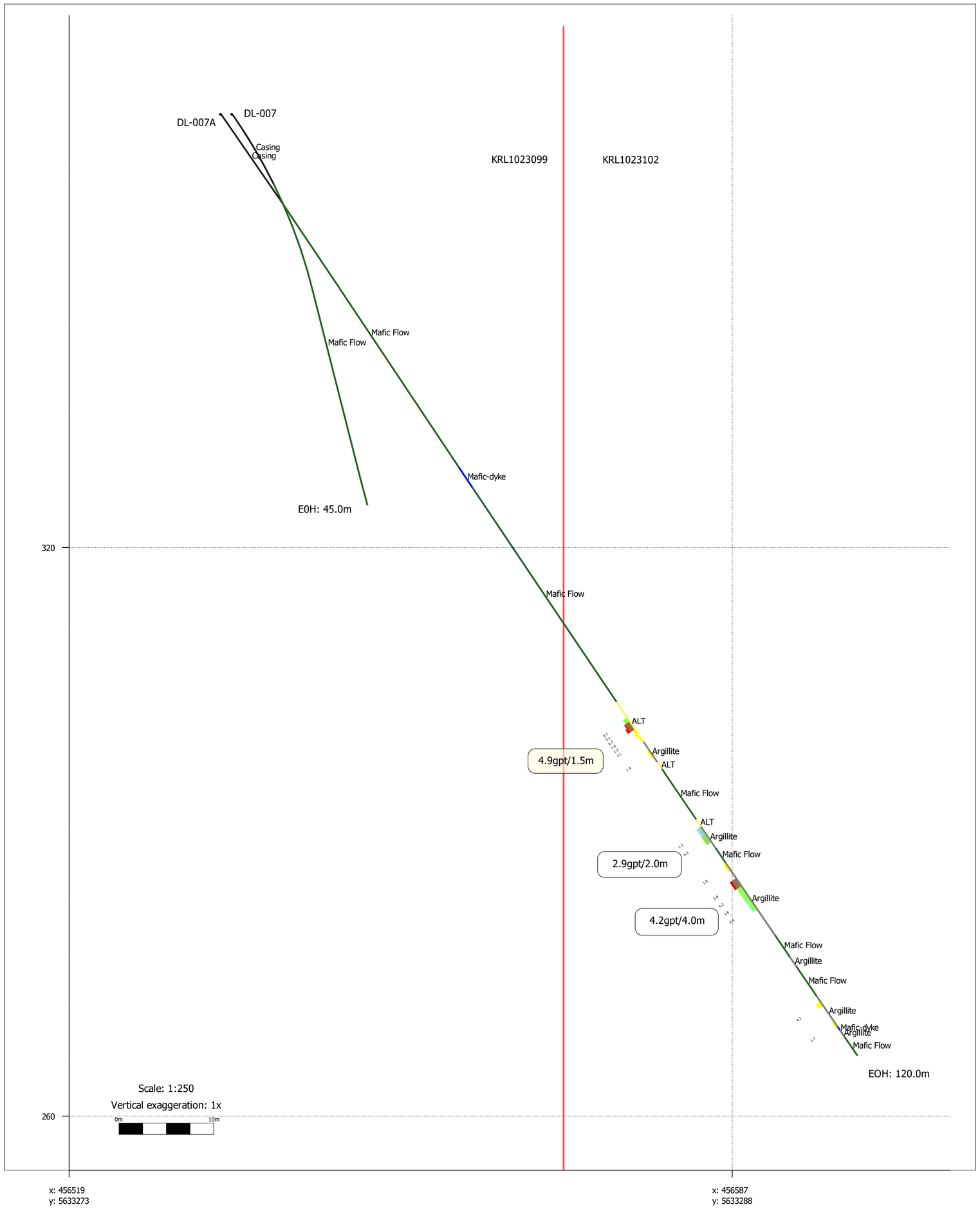
Legend

ROCKCODE

2S-2P	BIF	CHL	Foliated Garnet Mafic Flow	KOM	OVBN	QTZ	Shear zone
ALT	BRECCIA	CHT	Foliated Garnet Pillow mafic	LAMP	OVE	RHY	TFF
AMPH	BSLT	Casing	Foliated Garnet Pillowed Mafic	MUD	PEG	Rhyolite	
AND	BSLT/CLASTIC	DAC	GAB	Mafic Flow	Peperite	SIF	
ARG	Biotite Selvage Pillowed Mafic	DI	GB	Mafic-dyke	Pillow Lavas	SLT	
Altered Zone	CALC	DIA	GN	Massive Mafic	QD	SS	
Altered Zone - Calcite	CARB	FAULT	GR	OB	QDI	SULPH	
Argillite	CHERT	Foliated Garnet Mafic Flow	GWK	OVBD	QFP	Sediments	

Vertical Section
DL-007: 080/-55, 45.0 meters
DL-007A: 080/-55, 120.0 metres
Looking 350 (N)





Great Bear Resources
Dixie Lake Property
Vertical Section
DL-007 & DL-007A
December 21, 2017

Location: NAD 83 UTM Zone 15N

Left Label: 456519, 5633273

Right Label: 456610, 5633293

Legend

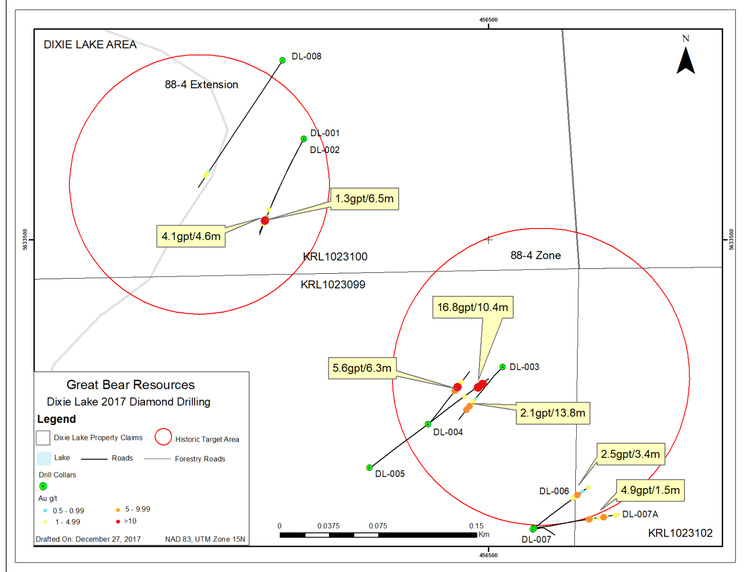
Claim_Boundary
- Claim Boundary

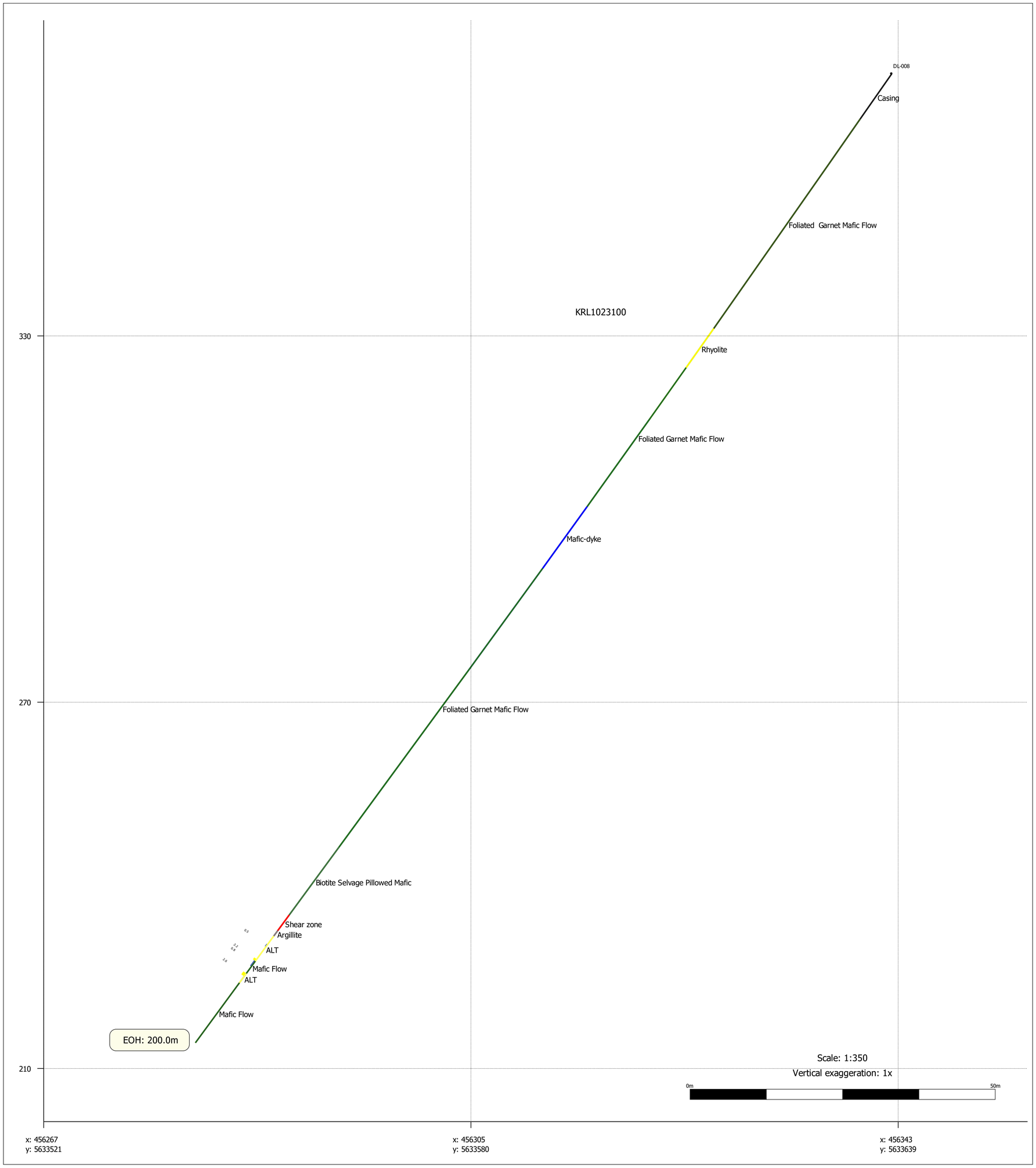
Au (g/t)
- ≤ 1
- ≤ 15
- ≤ 5
- > 15

ROCKCODE

2S-2P	BIF	CHL	Foliated Garnet Mafic Flow	KOM	OVBN	QTZ	Shear zone
ALT	BRECCIA	CHT	Foliated Garnet Pillow mafic	LAMP	OVE	RHY	TFF
AMPH	BSLT	Casing	Foliated Garnet Pillowed Mafic	MUD	PEG	Rhyolite	
AND	BSLT/CLASTIC	DAC	GAB	Mafic Flow	Peperite	SIF	
ARG	Biotite Selvage Pillowed Mafic	DI	GB	Mafic-dyke	Pillow Lavas	SLT	
Altered Zone	CALC	DIA	GN	Massive Mafic	QD	SS	
Altered Zone - Calcite	CARB	FAULT	GR	OB	QDI	SULPH	
Argillite	CHERT	Foliated Garnet Mafic Flow	GWK	OVBD	QFP	Sediments	

Vertical Section
DL-008: 215/-55, 200 meters
Looking 305 (NW)





Great Bear Resources
Dixie Lake Property
Vertical Section
DL-008
December 21, 2017

Location: NAD 83 UTM Zone 15N

Left Label: 456267, 5633521

Right Label: 456354, 5633656

Legend

Claim_Boundary
- Claim Boundary

Au (g/t)
- ≤ 1
- ≤ 5
- ≤ 15
- > 15

ROCKCODE

2S-2P	BIF	CHL	Foliated Garnet Mafic Flow	KOM	OVBN	QTZ	Shear zone
ALT	BRECCIA	CHT	Foliated Garnet Pillow mafic	LAMP	OVE	RHY	TFF
AMPH	BSLT	Casing	Foliated Garnet Pillowed Mafic	MUD	PEG	Rhyolite	
AND	BSLT/CLASTIC	DAC	GAB	Mafic Flow	Peperite	SIF	
ARG	Biotite Selvage Pillowed Mafic	DI	GB	Mafic-dyke	Pillow Lavas	SLT	
Altered Zone	CALC	DIA	GN	Massive Mafic	QD	SS	
Altered Zone - Calcite	CARB	FAULT	GR	OB	QDI	SULPH	
Argillite	CHERT	Foliated Garnet Mafic Flow	GWK	OVBD	QFP	Sediments	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Jul-17
Invoice No.: A17-07409
Invoice Date: 15-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh

CERTIFICATE OF ANALYSIS

258 Core samples were submitted for analysis.

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

REPORT **A17-07409**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 19-Jul-17
Invoice No.: A17-07409
Invoice Date: 15-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh

CERTIFICATE OF ANALYSIS

258 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-07409**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278001	5	< 0.3	6.56	3	144	< 1	< 2	8.18	0.8	46	82	75	13.1	17	3	0.29	2.92	12	2930	< 1	1.21	57	0.041
278002	< 5	< 0.3	6.99	< 3	96	< 1	6	8.68	< 0.3	53	94	143	10.3	20	1	0.28	2.88	10	2110	< 1	2.07	73	0.043
278003	8	< 0.3	6.82	8	132	< 1	< 2	8.28	0.4	48	75	122	9.72	18	< 1	0.51	2.73	13	1620	< 1	1.96	59	0.046
278004	< 5	< 0.3	6.57	< 3	92	< 1	3	8.41	< 0.3	45	79	99	10.6	18	< 1	0.34	2.53	11	1600	< 1	1.93	58	0.053
278005	8	< 0.3	6.41	3	46	< 1	3	8.11	< 0.3	47	81	124	10.7	18	< 1	0.26	2.92	12	1440	< 1	1.83	58	0.050
278006	< 5	< 0.3	6.66	4	114	< 1	< 2	6.80	0.3	48	87	105	9.06	20	< 1	0.36	1.78	11	1790	< 1	2.51	61	0.053
278007	< 5	< 0.3	6.34	< 3	167	< 1	< 2	7.45	< 0.3	48	83	103	9.04	19	< 1	0.68	1.84	13	1820	< 1	2.35	59	0.055
278008	< 5	< 0.3	6.85	< 3	276	< 1	3	7.79	< 0.3	52	86	107	9.38	20	< 1	0.77	1.79	13	1840	< 1	2.29	62	0.057
278009	< 5	< 0.3	5.98	6	105	< 1	2	8.33	< 0.3	47	87	107	14.5	17	2	0.24	2.65	10	3160	< 1	1.13	58	0.049
278010	< 5	< 0.3	0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1	< 1	< 1	0.02	< 1	< 1	< 0.01	< 0.01	< 1	3	< 1	< 0.01	< 1	< 0.001
278011	< 5	0.3	6.12	< 3	179	< 1	< 2	7.94	0.4	45	87	111	14.2	17	< 1	0.24	2.67	10	3170	< 1	1.34	59	0.046
278012	< 5	< 0.3	6.23	4	218	< 1	4	7.84	0.4	45	87	122	13.2	20	1	0.41	2.91	12	2840	< 1	1.47	60	0.050
278013	5	< 0.3	6.36	< 3	129	< 1	< 2	7.21	0.4	45	75	77	13.3	17	< 1	0.20	2.73	8	2920	< 1	1.85	65	0.051
278014	< 5	< 0.3	6.54	< 3	178	< 1	3	7.63	0.5	48	70	104	14.4	17	3	0.29	3.12	10	2810	< 1	1.59	65	0.042
278015	< 5	< 0.3	6.68	4	296	< 1	< 2	8.12	0.5	51	73	111	12.0	21	< 1	0.45	2.53	9	2690	< 1	1.88	69	0.063
278016	< 5	< 0.3	6.47	< 3	174	< 1	4	8.04	0.5	48	89	89	12.9	18	< 1	0.29	2.77	11	2770	< 1	1.61	68	0.044
278017	< 5	< 0.3	6.46	< 3	43	< 1	3	7.27	0.5	46	83	75	13.5	18	5	0.19	2.81	11	2650	< 1	1.62	63	0.047
278018	5	< 0.3	5.72	< 3	112	< 1	2	8.37	< 0.3	41	69	62	11.8	16	< 1	0.24	2.48	10	2520	< 1	1.20	54	0.047
278019	< 5	< 0.3	6.51	4	313	< 1	< 2	8.26	0.6	46	74	98	10.0	17	< 1	0.45	2.32	11	2020	< 1	1.61	63	0.054
278020	5	< 0.3	4.93	< 3	230	< 1	< 2	8.12	< 0.3	52	100	107	9.67	20	< 1	0.47	2.38	9	2000	< 1	1.94	62	0.059
278021	< 5	< 0.3	6.43	< 3	190	< 1	< 2	8.70	< 0.3	45	87	84	10.8	18	< 1	0.30	2.59	9	2090	< 1	1.77	61	0.052
278022	< 5	< 0.3	6.17	< 3	81	< 1	5	8.65	0.4	45	81	98	12.7	18	2	0.17	2.92	10	2520	< 1	1.48	62	0.047
278023	< 5	< 0.3	6.48	< 3	219	< 1	< 2	8.82	< 0.3	47	68	103	10.7	20	< 1	0.33	2.53	9	2040	< 1	1.93	60	0.053
278024	< 5	< 0.3	6.58	3	120	< 1	3	7.75	0.9	50	62	72	10.4	17	< 1	0.36	2.58	11	1960	< 1	1.90	52	0.056
278025	< 5																						
278026	< 5	< 0.3	7.06	< 3	163	< 1	3	7.71	< 0.3	50	54	121	10.7	17	< 1	0.40	2.15	9	2130	< 1	2.20	52	0.057
278027	9	< 0.3	6.66	< 3	74	< 1	4	8.42	0.4	51	44	114	10.9	19	< 1	0.40	2.95	8	1600	< 1	1.90	50	0.047
278028	< 5	< 0.3	7.03	< 3	238	< 1	5	7.56	< 0.3	51	72	104	9.23	21	< 1	0.65	2.02	13	1740	< 1	2.20	63	0.058
278029	< 5	< 0.3	7.52	< 3	272	< 1	4	7.63	0.4	58	76	119	10.3	25	< 1	0.72	2.14	9	1980	< 1	2.29	79	0.061
278030	< 5	< 0.3	6.75	< 3	249	< 1	< 2	7.73	< 0.3	52	66	89	9.73	22	< 1	0.61	2.01	20	2030	< 1	1.96	70	0.054
278031	< 5	< 0.3	5.06	3	254	< 1	< 2	8.44	0.3	58	110	93	11.5	21	< 1	0.62	2.26	9	2610	< 1	1.58	79	0.066
278032	< 5	< 0.3	6.49	3	304	< 1	< 2	8.32	0.4	50	93	122	10.4	20	< 1	0.73	1.89	11	2190	< 1	1.59	61	0.058
278033	9	< 0.3	6.64	< 3	188	< 1	2	9.03	< 0.3	49	100	95	9.95	17	< 1	0.67	1.73	13	2170	< 1	1.60	57	0.055
278034	< 5	< 0.3	7.10	< 3	286	< 1	< 2	8.46	0.3	53	70	98	10.5	22	< 1	0.84	1.89	13	2300	< 1	1.63	66	0.058
278035	< 5	< 0.3	7.44	< 3	235	< 1	< 2	7.20	< 0.3	56	73	116	9.02	22	< 1	0.96	1.72	17	1830	< 1	2.25	70	0.063
278036	< 5	< 0.3	7.23	< 3	169	< 1	6	8.22	0.4	56	71	83	9.29	22	< 1	0.77	1.79	10	1860	< 1	2.32	64	0.062
278037	< 5	< 0.3	7.31	4	217	< 1	3	8.01	< 0.3	59	77	94	9.08	20	< 1	0.90	1.68	16	1920	< 1	2.37	66	0.062
278038	< 5	21.3	5.90	161	217	14	28	5.58	6.6	57	565	1280	5.99	16	14	0.93	3.87	22	1530	78	1.22	693	0.037
278039	< 5	< 0.3	7.00	6	290	< 1	3	8.49	< 0.3	54	96	104	9.56	21	< 1	0.99	1.80	20	2040	< 1	1.99	65	0.058
278040	1090																						
278041	< 5	< 0.3	6.72	< 3	335	< 1	< 2	8.96	0.3	51	76	108	9.87	20	< 1	0.93	1.78	12	2070	< 1	1.86	63	0.054
278042	17	< 0.3	6.35	< 3	305	< 1	< 2	7.52	< 0.3	50	78	335	9.02	20	< 1	0.52	1.80	12	1980	< 1	1.99	57	0.057

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278043	< 5	< 0.3	6.67	< 3	194	< 1	8	7.68	0.4	49	70	106	12.0	20	< 1	0.44	2.38	14	2430	< 1	1.69	64	0.052
278044	< 5	< 0.3	6.48	< 3	74	< 1	< 2	7.46	< 0.3	46	73	78	12.4	18	< 1	0.11	2.31	8	2610	< 1	1.82	63	0.049
278045	< 5	< 0.3	6.83	< 3	110	< 1	4	7.45	0.4	52	59	75	11.0	21	< 1	0.45	3.03	10	1480	< 1	2.27	69	0.052
278046	< 5	< 0.3	4.81	< 3	60	< 1	< 2	14.8	< 0.3	35	43	65	8.05	12	< 1	0.33	2.29	13	1860	< 1	1.33	47	0.033
278047	5	< 0.3	6.87	< 3	109	< 1	< 2	7.76	< 0.3	49	58	86	10.5	17	< 1	0.31	2.62	9	1880	< 1	2.33	61	0.050
278048	< 5	< 0.3	5.70	< 3	54	< 1	< 2	9.83	0.4	39	30	122	11.9	15	< 1	0.13	2.56	8	2910	< 1	1.42	42	0.037
278049	< 5	< 0.3	5.89	9	22	< 1	< 2	9.31	0.6	41	38	151	15.8	15	7	0.13	3.12	8	4060	< 1	0.93	46	0.042
278050	< 5	< 0.3	6.23	< 3	100	< 1	< 2	8.24	< 0.3	44	33	100	14.5	16	2	0.28	3.03	10	3710	< 1	1.22	50	0.041
278051	< 5	0.3	5.48	< 3	73	< 1	< 2	8.54	0.4	47	38	102	12.0	16	< 1	0.20	2.88	9	2680	< 1	1.54	50	0.039
278052	6	< 0.3	6.84	< 3	117	< 1	< 2	7.74	< 0.3	50	40	129	11.0	19	< 1	0.33	2.99	9	2180	< 1	2.06	56	0.031
278053	5	< 0.3	6.40	< 3	126	< 1	< 2	8.66	0.4	46	37	128	13.5	17	7	0.31	2.94	11	3040	< 1	1.45	47	0.032
278054	< 5	< 0.3	6.49	8	155	< 1	< 2	8.33	< 0.3	45	27	105	10.8	18	< 1	0.42	2.68	10	2150	< 1	1.97	50	0.032
278055	5	0.5	6.67	< 3	248	< 1	5	8.04	< 0.3	49	56	93	10.7	18	< 1	0.66	2.88	13	1800	< 1	1.77	64	0.036
278056	< 5																						
278057	< 5	< 0.3	6.84	4	399	< 1	< 2	7.96	< 0.3	49	131	96	10.1	22	< 1	0.89	2.06	14	1970	< 1	2.02	59	0.057
278058	< 5	< 0.3	6.67	< 3	208	< 1	< 2	8.64	0.4	51	91	144	12.9	19	1	0.47	2.70	13	2620	< 1	1.70	63	0.056
278059	< 5	< 0.3	6.89	< 3	273	< 1	< 2	7.19	0.4	47	90	96	11.8	18	< 1	0.47	2.53	11	2280	< 1	2.14	65	0.055
278060	< 5	< 0.3	6.78	< 3	140	< 1	< 2	8.11	0.4	49	104	99	13.0	19	3	0.22	2.63	9	2710	< 1	1.92	67	0.054
278061	< 5	0.3	5.65	< 3	153	< 1	< 2	8.47	< 0.3	51	119	91	13.0	19	< 1	0.28	2.61	10	2840	< 1	1.68	67	0.064
278062	< 5	< 0.3	6.64	< 3	184	< 1	< 2	8.45	0.4	49	113	91	13.6	18	< 1	0.30	2.71	10	3030	< 1	1.56	69	0.053
278063	< 5	< 0.3	6.68	5	172	< 1	< 2	8.44	< 0.3	49	106	93	13.9	19	2	0.32	2.77	10	2970	< 1	1.54	68	0.049
278064	< 5	< 0.3	6.66	9	78	< 1	< 2	7.18	< 0.3	49	105	113	13.7	18	5	0.21	2.52	10	2940	< 1	1.77	70	0.059
278065	< 5	< 0.3	6.30	< 3	136	< 1	< 2	8.75	0.4	47	83	100	14.4	18	4	0.26	2.72	12	3100	< 1	1.22	61	0.050
278066	< 5	< 0.3	6.45	< 3	146	< 1	< 2	8.48	0.3	49	45	119	12.3	17	< 1	0.32	2.79	10	2660	< 1	1.58	49	0.043
278067	< 5	< 0.3	6.23	< 3	230	< 1	< 2	7.94	0.3	46	24	91	13.8	17	4	0.48	2.97	12	2800	< 1	1.35	43	0.037
278068	< 5	< 0.3	6.26	< 3	360	< 1	< 2	8.29	< 0.3	49	30	107	13.7	18	2	0.80	2.97	13	3060	< 1	1.38	47	0.042
278069	1090																						
278070	< 5	< 0.3	6.66	6	184	< 1	< 2	8.71	0.5	50	45	112	13.1	19	5	0.50	2.93	12	2990	< 1	1.75	48	0.049
278071	< 5	< 0.3	6.88	5	85	< 1	< 2	7.51	0.4	49	32	111	11.4	19	8	0.25	2.68	9	2240	< 1	2.42	51	0.051
278072	< 5	0.4	5.30	< 3	122	< 1	< 2	8.85	1.8	48	42	114	12.0	18	< 1	0.25	2.64	9	2570	< 1	1.61	47	0.049
278073	< 5																						
278074	5	< 0.3	6.38	< 3	128	< 1	< 2	7.42	0.3	45	29	133	10.8	17	< 1	0.20	2.55	7	1950	< 1	2.13	43	0.043
278075	5	< 0.3	6.44	< 3	93	< 1	5	8.35	0.4	49	31	118	10.6	19	< 1	0.13	2.60	8	2060	< 1	1.93	47	0.047
278076	< 5	< 0.3	6.68	25	39	< 1	4	7.82	< 0.3	50	34	107	11.2	21	3	0.06	2.57	9	2020	< 1	2.05	49	0.045
278077	5	< 0.3	6.77	< 3	17	< 1	3	7.57	< 0.3	47	81	114	12.6	18	< 1	0.17	3.03	17	2540	< 1	1.76	53	0.044
278078	< 5	< 0.3	6.85	< 3	14	< 1	< 2	7.81	0.4	50	38	114	12.1	19	9	0.09	2.87	11	2530	< 1	1.81	49	0.046
278079	< 5	< 0.3	6.35	< 3	76	< 1	< 2	8.37	0.3	47	26	129	12.5	18	< 1	0.17	2.94	10	2570	< 1	1.79	45	0.044
278080	< 5	< 0.3	6.43	< 3	123	1	< 2	7.54	0.4	42	65	101	11.9	17	< 1	0.44	2.85	10	2360	< 1	2.09	45	0.063
278081	< 5	< 0.3	6.42	< 3	291	< 1	< 2	6.05	0.3	47	73	88	12.5	18	< 1	1.24	2.66	17	2440	< 1	2.64	51	0.056
278082	< 5	< 0.3	4.52	5	124	< 1	< 2	8.59	0.4	63	77	120	14.0	11	< 1	2.68	3.28	29	2480	< 1	0.97	79	0.037
278083	< 5	< 0.3	4.74	< 3	635	< 1	< 2	7.99	0.4	53	108	136	11.9	11	< 1	2.71	3.31	33	2140	< 1	0.90	118	0.030
278084	5	< 0.3	5.02	< 3	487	< 1	< 2	8.09	0.4	60	166	258	11.9	11	< 1	1.72	3.45	27	2040	< 1	1.15	128	0.032

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278085	1070																						
278086	< 5	< 0.3	4.94	< 3	348	< 1	< 2	9.16	< 0.3	58	93	279	11.1	13	< 1	1.44	3.39	20	2060	< 1	1.55	130	0.035
278087	5	< 0.3	5.41	< 3	213	1	< 2	8.40	0.5	61	127	246	12.2	12	< 1	0.84	3.77	12	2140	< 1	1.80	143	0.032
278088	< 5	< 0.3	5.44	< 3	225	1	< 2	8.30	< 0.3	61	93	297	12.1	12	< 1	0.87	3.77	12	2040	< 1	1.75	139	0.036
278089	< 5	0.4	5.58	< 3	208	< 1	< 2	7.53	< 0.3	64	82	295	11.4	11	< 1	0.94	3.84	13	1830	< 1	1.94	145	0.032
278090	< 5	< 0.3	5.13	< 3	242	< 1	< 2	9.15	0.4	60	91	320	11.6	11	< 1	1.06	3.63	14	2280	< 1	1.52	137	0.031
278091	< 5																						
278092	6	< 0.3	5.26	< 3	260	< 1	< 2	8.21	0.6	59	141	354	12.0	11	< 1	1.14	3.74	16	2040	< 1	1.43	144	0.037
278093	12	0.3	5.57	28	153	< 1	< 2	8.23	0.4	69	164	369	12.4	12	3	0.68	3.97	14	2020	< 1	1.13	159	0.037
278094	26	< 0.3	4.07	< 3	66	< 1	< 2	13.2	< 0.3	46	127	232	8.92	9	< 1	0.35	2.57	10	2520	< 1	0.74	110	0.032
278095	7	< 0.3	5.08	< 3	332	< 1	< 2	8.73	0.4	57	140	256	11.2	11	< 1	1.41	3.66	22	1990	< 1	1.10	139	0.030
278096	6	< 0.3	5.30	4	213	1	< 2	9.19	0.4	63	158	367	12.1	13	< 1	0.98	3.73	14	2270	< 1	1.46	142	0.038
278097	8	< 0.3	5.66	< 3	259	1	5	9.47	0.5	67	114	326	11.9	12	< 1	1.09	3.90	13	2230	< 1	1.72	155	0.030
278098	8	< 0.3	5.24	6	234	1	< 2	8.10	< 0.3	60	96	523	12.0	13	< 1	0.87	3.73	13	2060	< 1	1.68	134	0.036
278099	< 5	< 0.3	4.41	< 3	229	< 1	< 2	6.05	< 0.3	51	98	203	10.0	12	< 1	0.92	3.23	14	1540	< 1	1.41	121	0.028
278100	5	< 0.3	4.76	< 3	191	< 1	< 2	7.72	< 0.3	53	102	170	10.1	10	< 1	0.79	3.33	12	1780	< 1	1.57	127	0.028
278101	7	< 0.3	5.31	< 3	262	< 1	< 2	8.52	0.4	59	112	309	11.9	11	< 1	1.04	3.82	14	2020	< 1	1.64	145	0.036
278102	6	< 0.3	5.45	< 3	257	< 1	< 2	8.24	0.5	60	141	251	12.1	12	< 1	1.06	4.07	17	2060	< 1	1.58	146	0.033
278103	5	< 0.3	5.02	< 3	198	< 1	< 2	8.19	0.3	58	199	284	11.9	9	< 1	0.86	3.71	12	2270	< 1	1.56	141	0.039
278104	1070																						
278105	5	< 0.3	5.07	< 3	386	1	< 2	7.81	0.4	58	172	266	10.9	11	< 1	1.69	3.61	20	2040	< 1	1.23	147	0.034
278106	76	0.4	5.00	37	205	< 1	< 2	8.57	< 0.3	60	170	271	12.0	11	< 1	0.99	3.48	15	2130	< 1	0.79	138	0.034
278107	65	0.6	6.00	9	158	1	< 2	3.60	1.4	21	67	153	6.16	15	< 1	0.92	1.26	13	858	1	3.28	52	0.044
278108	877	0.8	6.06	1340	129	2	< 2	5.46	< 0.3	42	223	209	8.74	16	< 1	1.09	3.23	15	1320	< 1	2.90	85	0.066
278109	219	0.7	5.84	117	184	1	< 2	4.68	1.3	31	125	277	10.3	15	< 1	0.59	2.36	10	1440	2	3.25	75	0.047
278110	210	0.6	5.31	191	178	< 1	< 2	4.61	2.8	47	122	185	12.0	11	< 1	0.24	1.82	7	1150	2	2.84	108	0.042
278111	577	< 0.3	2.74	1450	40	< 1	< 2	2.98	< 0.3	21	102	108	4.32	7	< 1	0.08	0.94	2	801	< 1	2.11	35	0.046
278112	3790	0.4	4.71	614	103	< 1	< 2	9.68	0.8	48	146	205	8.94	11	< 1	0.41	3.19	5	2030	< 1	3.36	112	0.021
278113	5220	0.5	4.20	1170	46	< 1	< 2	9.56	< 0.3	43	92	212	8.77	11	< 1	0.13	2.76	2	1950	< 1	3.36	88	0.013
278114	7																						
278115	6410	0.5	4.59	2130	41	< 1	< 2	8.90	< 0.3	50	93	244	9.75	9	7	0.10	2.80	2	2300	< 1	3.77	98	0.026
278116	1140	0.9	3.16	1730	85	< 1	< 2	7.40	0.4	28	91	68	4.45	9	< 1	0.45	1.43	5	1440	< 1	2.36	53	0.056
278117	713	< 0.3	3.59	1420	148	2	< 2	3.98	< 0.3	16	95	65	5.07	10	< 1	0.61	1.38	6	1350	< 1	2.62	46	0.057
278118	1120	< 0.3	3.34	2930	33	< 1	< 2	3.53	< 0.3	18	79	73	4.71	9	< 1	0.07	0.91	2	1130	1	2.71	65	0.017
278119	3550	< 0.3	2.91	2140	42	< 1	< 2	5.88	1.3	16	93	178	8.75	7	< 1	0.07	1.87	2	4050	< 1	2.22	67	0.025
278120	> 10000	1.5	1.83	3440	119	< 1	3	5.69	< 0.3	22	52	393	14.4	3	2	0.51	2.19	7	4180	2	0.66	74	0.015
278121	299	< 0.3	8.19	61	379	< 1	< 2	9.25	< 0.3	50	138	87	7.94	16	< 1	0.94	3.84	17	1380	< 1	2.29	181	0.028
278122	16	< 0.3	8.30	17	54	< 1	< 2	8.51	< 0.3	50	134	73	7.53	17	< 1	0.18	5.08	13	1170	< 1	1.82	180	0.026
278123	9	< 0.3	8.27	7	83	< 1	< 2	8.34	< 0.3	49	163	78	7.94	16	< 1	0.31	5.07	18	1290	< 1	1.79	175	0.027
278124	9	< 0.3	8.68	< 3	224	< 1	< 2	7.47	< 0.3	50	177	93	8.43	17	1	0.69	5.13	20	1230	1	1.86	169	0.028
278125	9	< 0.3	7.76	6	130	< 1	< 2	7.36	< 0.3	44	180	71	7.49	18	< 1	0.46	5.03	20	1040	< 1	1.89	158	0.024
278126	9	< 0.3	7.87	7	104	< 1	6	7.76	1.0	43	145	82	7.67	18	< 1	0.44	5.15	22	1100	< 1	1.84	158	0.025

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278127	6	< 0.3	8.51	< 3	43	< 1	< 2	8.15	0.4	54	160	78	8.47	16	< 1	0.30	5.35	18	1360	< 1	2.09	182	0.027
278128	22	< 0.3	7.72	5	56	< 1	< 2	11.4	0.4	54	131	107	7.98	18	< 1	0.52	5.01	19	1650	< 1	1.66	148	0.029
278129	8	< 0.3	7.81	< 3	255	1	< 2	6.96	< 0.3	43	123	73	8.18	16	< 1	0.70	5.04	20	1220	< 1	1.95	111	0.057
278130	1070																						
278131	10	< 0.3	7.66	8	81	< 1	< 2	6.94	< 0.3	47	168	114	8.59	16	< 1	0.27	5.21	17	1170	< 1	1.99	131	0.040
278132	6	< 0.3	7.63	< 3	38	< 1	< 2	8.22	< 0.3	45	164	35	8.29	17	< 1	0.14	4.59	13	1300	< 1	1.95	109	0.029
278133	10	< 0.3	7.68	4	33	< 1	< 2	8.24	0.3	41	147	101	9.01	16	2	0.14	4.33	14	1100	< 1	1.83	86	0.029
278134	10	< 0.3	7.62	< 3	41	< 1	< 2	7.88	< 0.3	40	168	78	8.90	17	< 1	0.13	4.12	15	1100	< 1	1.81	78	0.028
278135	8	< 0.3	6.29	< 3	40	< 1	< 2	8.87	0.3	38	223	65	8.23	15	< 1	0.16	3.63	14	1350	< 1	1.58	76	0.033
278136	8	< 0.3	6.81	6	44	< 1	< 2	8.57	< 0.3	37	211	86	8.48	16	< 1	0.14	3.66	15	1240	< 1	1.57	69	0.027
278137	10	< 0.3	7.21	< 3	87	< 1	< 2	8.38	< 0.3	40	192	119	7.37	17	< 1	0.12	2.95	14	1090	< 1	1.78	72	0.026
278138	13	< 0.3	7.34	< 3	177	< 1	< 2	8.00	< 0.3	43	93	130	7.57	19	< 1	0.20	3.02	14	1190	< 1	1.98	68	0.032
278139	14	< 0.3	7.38	< 3	339	< 1	< 2	7.54	< 0.3	42	69	158	8.99	20	< 1	0.48	3.00	16	1250	< 1	2.00	59	0.034
278140	< 5																						
278141	6	< 0.3	6.36	< 3	98	< 1	< 2	7.53	0.5	45	75	108	12.1	16	< 1	0.35	2.98	11	2320	< 1	1.46	51	0.038
278142	6	< 0.3	6.78	< 3	164	< 1	< 2	7.13	0.4	45	56	118	10.8	18	< 1	0.56	2.63	12	1740	< 1	1.89	57	0.047
278143	5	< 0.3	6.71	4	101	< 1	< 2	8.34	0.3	46	68	88	10.6	17	< 1	0.39	2.18	11	1720	< 1	2.05	60	0.055
278144	7	< 0.3	7.33	3	63	< 1	< 2	7.29	0.5	49	104	111	11.7	19	< 1	0.36	2.70	12	1690	< 1	2.30	62	0.055
278145	6	0.3	7.18	< 3	175	< 1	< 2	6.91	0.4	49	81	100	9.55	20	< 1	0.76	1.83	13	1820	< 1	2.50	59	0.058
278146	5	< 0.3	6.17	< 3	175	< 1	< 2	6.85	< 0.3	48	118	105	9.59	17	< 1	0.79	1.90	16	1790	< 1	2.14	60	0.055
278147	7	< 0.3	6.33	< 3	240	< 1	4	6.56	0.4	44	82	109	11.7	17	< 1	0.62	2.17	13	2080	< 1	1.81	53	0.047
278148	6	< 0.3	6.34	9	139	< 1	3	7.27	0.8	46	85	98	14.9	15	1	0.36	2.82	11	2800	< 1	1.26	59	0.035
278149	7	< 0.3	6.47	< 3	141	< 1	< 2	6.95	0.6	46	129	107	14.8	15	< 1	0.26	2.76	10	2840	< 1	1.46	58	0.038
278150	6	< 0.3	6.12	< 3	107	< 1	6	6.64	0.5	42	69	95	14.3	15	< 1	0.22	2.67	10	2640	< 1	1.38	57	0.037
278151	6	0.3	6.38	< 3	179	< 1	< 2	6.55	0.5	43	65	106	14.4	15	< 1	0.35	2.84	10	2770	< 1	1.53	67	0.043
278152	6	< 0.3	6.46	< 3	183	< 1	< 2	7.73	0.5	42	80	94	14.4	16	< 1	0.32	2.86	9	2970	< 1	1.74	56	0.052
278153	7	< 0.3	6.60	< 3	260	< 1	< 2	7.15	0.6	45	91	104	12.9	16	< 1	0.42	2.75	10	2650	< 1	1.92	61	0.054
278154	5	< 0.3	6.82	< 3	218	< 1	< 2	7.68	0.5	47	80	93	13.2	16	< 1	0.43	2.69	10	2770	< 1	1.88	62	0.055
278155	6	0.3	6.49	< 3	156	< 1	5	5.82	0.4	44	73	92	11.7	18	< 1	0.35	2.45	10	2170	< 1	2.12	58	0.050
278156	7	< 0.3	6.65	4	244	< 1	< 2	6.89	< 0.3	45	92	112	12.4	16	< 1	0.59	2.75	12	2040	< 1	1.69	58	0.043
278157	7	< 0.3	6.69	< 3	212	< 1	< 2	6.89	0.5	43	74	95	12.2	17	< 1	0.58	2.76	15	1850	< 1	1.58	57	0.039
278158	7	< 0.3	6.33	< 3	126	< 1	< 2	8.50	0.3	42	54	102	11.4	17	< 1	0.32	2.51	11	2190	< 1	1.60	57	0.048
278159	7	< 0.3	6.43	< 3	22	< 1	5	7.03	0.3	42	57	107	12.2	18	< 1	0.08	2.59	9	2220	1	1.84	59	0.052
278160	1070																						
278161	7	< 0.3	6.38	< 3	58	< 1	< 2	7.37	0.5	42	53	97	11.5	17	< 1	0.14	2.45	10	2030	< 1	1.94	59	0.050
278162	< 5	< 0.3	6.80	< 3	140	< 1	< 2	6.48	0.4	39	53	96	10.8	19	< 1	0.36	2.38	10	1830	< 1	2.20	47	0.054
278163	< 5	< 0.3	6.32	< 3	131	< 1	< 2	6.77	0.5	40	57	122	12.5	14	< 1	0.36	2.46	12	1990	< 1	1.48	44	0.047
278164	< 5	< 0.3	6.75	< 3	101	< 1	< 2	6.29	< 0.3	41	65	114	11.4	18	< 1	0.39	2.50	12	1790	< 1	2.08	50	0.048
278165	< 5	< 0.3	6.00	10	61	< 1	< 2	6.44	0.6	42	76	82	9.99	16	2	0.31	2.02	8	1470	3	2.16	52	0.047
278166	< 5	< 0.3	6.29	< 3	147	< 1	3	6.22	0.4	42	81	99	11.4	16	< 1	0.50	2.18	20	1830	< 1	1.59	54	0.048
278167	6	< 0.3	6.41	4	208	< 1	< 2	6.88	< 0.3	43	77	88	11.1	16	< 1	0.70	2.00	15	2050	< 1	1.53	51	0.050
278168	< 5	< 0.3	7.06	< 3	255	< 1	< 2	6.34	< 0.3	47	56	105	10.1	20	< 1	0.89	1.73	14	1830	< 1	2.01	59	0.054

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278169	< 5	< 0.3	7.42	< 3	209	< 1	< 2	7.17	< 0.3	51	66	107	10.1	20	< 1	0.92	1.82	13	1910	< 1	2.30	63	0.059
278170(not received)																							
278171	< 5	< 0.3	7.12	5	217	< 1	< 2	6.12	< 0.3	47	67	99	11.2	18	< 1	0.93	1.79	14	1970	< 1	2.06	58	0.054
278172	< 5	< 0.3	7.09	< 3	186	< 1	< 2	7.13	< 0.3	46	62	88	11.1	20	< 1	0.75	2.13	12	1630	< 1	2.19	58	0.053
278173	< 5	< 0.3	7.00	< 3	166	< 1	< 2	7.39	0.5	45	57	99	11.2	17	< 1	0.92	2.51	20	1690	< 1	1.92	57	0.053
278174	< 5	< 0.3	6.96	6	144	< 1	< 2	7.69	0.4	47	72	115	14.0	17	4	0.41	2.44	10	2840	< 1	1.72	64	0.055
278175	< 5	< 0.3	6.73	< 3	117	< 1	< 2	7.05	0.4	43	81	112	13.8	15	< 1	0.33	2.61	10	2390	< 1	1.80	57	0.050
278176	< 5	< 0.3	6.31	< 3	154	< 1	< 2	6.57	< 0.3	45	88	98	10.8	17	< 1	0.40	2.73	8	1520	< 1	2.18	60	0.051
278177	< 5	< 0.3	5.69	< 3	13	< 1	< 2	7.47	0.5	39	33	118	15.3	14	2	0.11	3.06	12	3040	< 1	0.81	40	0.032
278178	6	0.3	6.76	< 3	75	< 1	3	7.19	< 0.3	41	42	128	12.1	17	< 1	0.30	2.95	12	2550	< 1	1.58	47	0.032
278179	< 5	0.3	6.52	< 3	78	< 1	< 2	7.34	0.5	43	30	161	13.6	16	< 1	0.27	3.00	12	2700	< 1	1.48	44	0.035
278180	< 5	< 0.3	6.31	< 3	70	< 1	< 2	6.97	0.4	38	27	155	13.2	14	< 1	0.24	2.91	13	2460	< 1	1.52	50	0.034
278181	6	< 0.3	6.41	< 3	74	< 1	< 2	7.19	0.7	41	29	118	14.5	14	6	0.17	2.96	12	3040	< 1	1.31	43	0.036
278182	< 5	0.5	5.45	6	23	< 1	< 2	7.06	0.5	37	38	161	14.7	11	< 1	0.10	2.94	12	2950	< 1	0.45	50	0.032
278183	6	0.4	6.78	< 3	143	< 1	< 2	7.47	0.4	43	37	135	14.7	13	< 1	0.31	3.14	16	3220	< 1	1.32	53	0.035
278184	< 5	< 0.3	6.56	< 3	122	< 1	< 2	7.13	1.1	42	29	112	12.8	15	< 1	0.31	2.71	11	2510	< 1	1.72	40	0.037
278185	< 5	< 0.3	6.59	< 3	115	< 1	< 2	7.48	0.4	42	27	133	13.2	15	< 1	0.36	2.73	12	2670	< 1	1.63	45	0.040
278186	< 5	0.4	5.95	4	106	< 1	< 2	7.46	< 0.3	39	37	110	7.94	15	< 1	0.37	2.35	10	1500	< 1	2.16	48	0.031
278187	< 5	< 0.3	6.39	3	236	< 1	< 2	7.26	0.3	44	91	120	12.7	16	< 1	0.69	3.05	16	2070	< 1	1.50	60	0.041
278188	< 5	< 0.3	6.86	< 3	282	< 1	< 2	5.80	< 0.3	42	76	99	8.79	17	< 1	0.78	1.69	13	1460	< 1	2.64	52	0.052
278189	< 5	< 0.3	6.36	< 3	208	< 1	3	6.95	0.3	42	69	99	11.9	17	< 1	0.48	2.35	10	2250	< 1	1.86	54	0.049
278190	1070																						
278191	< 5	< 0.3	6.41	< 3	163	< 1	3	6.37	0.5	41	82	101	12.0	17	< 1	0.40	2.36	10	2290	< 1	1.96	57	0.051
278192	6	< 0.3	6.38	3	185	< 1	< 2	5.87	0.3	39	63	84	10.3	13	< 1	0.36	2.34	10	1860	< 1	2.34	55	0.048
278193	14	< 0.3	6.58	< 3	203	< 1	< 2	7.29	0.4	41	66	84	12.1	16	< 1	0.40	2.50	12	2150	< 1	2.10	58	0.052
278194	< 5	< 0.3	6.56	< 3	148	< 1	< 2	7.66	< 0.3	42	69	93	11.2	19	< 1	0.40	2.30	11	1990	< 1	2.31	53	0.050
278195	< 5	< 0.3	6.91	< 3	176	< 1	< 2	7.18	< 0.3	44	74	96	11.9	15	< 1	0.40	2.38	9	2170	< 1	2.48	56	0.056
278196	< 5	< 0.3	7.20	< 3	178	< 1	< 2	5.33	0.4	47	72	118	10.8	18	< 1	0.35	2.12	10	1680	< 1	2.81	53	0.053
278197	6	0.4	5.87	< 3	168	< 1	< 2	6.96	0.4	43	34	140	16.2	15	5	0.44	3.21	14	3000	< 1	0.82	41	0.034
278198	6	< 0.3	6.14	5	159	< 1	< 2	6.67	0.5	41	38	129	14.7	14	4	0.46	2.86	12	2990	< 1	1.41	41	0.034
278199	< 5	< 0.3	6.10	< 3	276	< 1	< 2	7.24	< 0.3	43	20	110	13.1	15	< 1	0.75	2.73	13	2690	< 1	1.50	46	0.035
278200	< 5																						
278201	< 5	0.5	6.21	< 3	199	< 1	< 2	7.12	0.5	44	25	106	13.3	15	< 1	0.61	2.84	11	2640	< 1	1.47	43	0.036
278202	< 5	< 0.3	6.49	< 3	94	< 1	< 2	6.66	0.4	43	29	109	12.6	15	< 1	0.27	2.66	9	2340	< 1	1.98	42	0.042
278203	< 5	< 0.3	6.65	< 3	140	< 1	< 2	6.53	0.3	43	23	102	11.5	17	< 1	0.28	2.64	8	1920	< 1	2.33	45	0.046
278204	< 5	< 0.3	6.99	< 3	105	< 1	< 2	7.30	< 0.3	48	30	112	11.1	19	< 1	0.20	2.66	9	1900	< 1	2.42	44	0.050
278205	< 5	0.4	6.59	< 3	42	< 1	< 2	6.71	0.4	43	40	127	12.4	16	< 1	0.07	2.60	8	2320	< 1	1.91	48	0.046
278206	< 5	< 0.3	6.07	< 3	18	< 1	< 2	7.02	0.6	42	32	129	12.0	17	< 1	0.06	2.60	8	2450	< 1	1.84	43	0.049
278207	< 5	< 0.3	6.05	< 3	74	< 1	< 2	6.79	0.6	41	49	99	12.7	16	< 1	0.20	2.85	10	2430	< 1	1.87	44	0.041
278208	5	0.7	4.92	< 3	82	< 1	< 2	6.99	0.4	57	30	388	14.9	12	2	1.32	2.09	21	1660	2	1.66	53	0.043
278209	< 5	< 0.3	4.80	< 3	293	< 1	< 2	8.09	< 0.3	74	91	297	13.1	11	< 1	2.96	3.49	26	2100	< 1	1.22	110	0.032
278210	< 5	0.3	4.64	< 3	400	< 1	< 2	8.15	0.3	59	81	312	12.7	10	< 1	2.70	3.26	26	2100	< 1	1.17	102	0.030

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278211	5	< 0.3	4.53	< 3	336	< 1	3	8.62	0.3	53	77	244	11.4	9	< 1	2.99	3.16	27	1910	< 1	1.01	109	0.031
278212	< 5	< 0.3	5.92	< 3	514	2	< 2	6.76	< 0.3	48	104	153	10.6	15	< 1	1.72	3.64	26	1740	< 1	1.95	113	0.072
278213	5	< 0.3	4.98	< 3	473	< 1	< 2	7.46	< 0.3	54	81	239	11.7	11	< 1	1.55	3.50	25	1970	< 1	1.20	124	0.034
278214	6	< 0.3	5.17	< 3	249	< 1	< 2	8.31	< 0.3	57	81	564	12.4	11	< 1	1.23	3.61	14	2300	< 1	1.48	124	0.037
278215	16	0.3	5.22	< 3	194	1	< 2	8.25	0.3	58	87	270	12.4	11	< 1	0.92	3.68	13	2070	< 1	1.44	131	0.034
278216	15	< 0.3	5.18	< 3	322	< 1	< 2	7.31	< 0.3	56	114	238	11.7	11	< 1	1.15	3.66	18	1930	< 1	1.01	130	0.034
278217	33	< 0.3	4.27	< 3	182	< 1	< 2	9.33	< 0.3	52	104	315	10.8	10	< 1	1.17	3.03	17	1970	< 1	0.69	112	0.027
278218	13	< 0.3	5.50	< 3	213	< 1	< 2	8.27	0.4	61	123	333	12.8	12	< 1	1.16	3.94	18	2210	< 1	1.19	138	0.032
278219	8	< 0.3	5.13	< 3	204	< 1	< 2	8.24	< 0.3	57	95	264	11.2	11	< 1	1.00	3.63	13	1940	< 1	1.62	136	0.027
278220	1100	0.6	6.49	10	143	< 1	< 2	6.72	0.6	41	131	157	8.48	13	< 1	0.31	4.11	13	1320	< 1	2.13	102	0.036
278221	11	0.4	5.05	5	209	< 1	< 2	7.47	< 0.3	58	97	399	11.9	11	< 1	0.99	3.73	15	2010	< 1	1.55	138	0.034
278222	15	< 0.3	4.96	< 3	309	< 1	< 2	8.72	0.3	57	85	333	11.4	12	< 1	1.49	3.56	17	2040	< 1	1.47	132	0.032
278223	14	< 0.3	5.09	< 3	280	< 1	< 2	7.28	0.4	56	84	326	11.1	12	< 1	1.20	3.44	15	1740	< 1	1.67	129	0.031
278224	7	< 0.3	5.25	< 3	211	< 1	< 2	9.06	0.4	62	103	352	11.9	12	< 1	0.97	3.77	12	2260	< 1	1.72	140	0.037
278225	7	< 0.3	5.12	< 3	231	< 1	2	7.88	0.7	59	106	325	11.5	10	< 1	0.95	3.68	13	1970	< 1	1.79	139	0.030
278226	9	< 0.3	4.87	< 3	186	< 1	< 2	8.45	< 0.3	55	154	370	11.5	10	< 1	0.74	3.61	12	2150	< 1	1.67	132	0.039
278227	7	< 0.3	5.19	< 3	238	1	< 2	7.93	0.5	57	230	247	11.0	11	< 1	1.04	3.88	13	2010	< 1	1.73	138	0.038
278228	12	< 0.3	4.95	< 3	625	1	< 2	8.42	< 0.3	53	148	275	10.5	11	< 1	2.02	3.45	27	1880	< 1	0.75	130	0.034
278229	24	0.4	5.01	37	283	< 1	< 2	8.26	< 0.3	55	127	201	11.1	10	< 1	1.24	3.50	18	2150	< 1	0.79	129	0.035
278230	< 5																						
278231	148	0.5	5.23	65	30	< 1	< 2	7.67	0.7	55	117	252	12.3	10	< 1	0.32	3.12	9	2110	< 1	1.47	123	0.038
278232	395	0.7	6.66	13	262	1	< 2	2.57	0.8	22	58	326	8.57	16	< 1	1.54	1.18	16	715	2	3.01	52	0.057
278233	214	0.5	5.44	310	184	< 1	< 2	4.23	1.2	51	96	218	11.2	12	< 1	1.78	1.61	21	914	3	2.24	73	0.047
278234	3270	0.6	3.91	1530	112	< 1	< 2	9.41	< 0.3	43	147	162	9.57	12	< 1	0.93	3.16	11	2240	< 1	2.05	96	0.017
278235	1770	0.8	4.84	1060	235	1	< 2	7.18	< 0.3	51	99	197	11.4	14	< 1	1.64	2.98	17	1750	< 1	2.38	101	0.023
278236	466	< 0.3	4.76	200	272	1	< 2	6.66	0.5	45	70	171	11.2	10	< 1	1.42	3.23	20	2020	< 1	2.15	100	0.034
278237	62	3.3	4.89	171	171	< 1	< 2	7.03	0.3	43	71	219	11.4	11	< 1	1.32	5.35	31	1550	< 1	1.78	77	0.035
278238	138	1.2	4.71	134	329	1	3	5.73	0.9	48	90	256	11.8	9	< 1	1.37	4.72	31	1700	< 1	1.79	97	0.034
278239	1640	0.6	4.59	649	230	1	< 2	7.90	0.4	49	112	243	10.5	11	< 1	1.22	3.54	18	1600	< 1	2.42	118	0.028
278240	3320	0.8	4.69	720	201	1	< 2	8.56	< 0.3	55	122	278	10.5	13	< 1	1.15	3.47	15	1660	< 1	2.66	125	0.025
278241	4000	0.7	4.07	2200	99	< 1	< 2	8.01	< 0.3	42	116	153	8.05	9	7	0.45	2.63	5	2100	< 1	3.01	103	0.023
278242	733	< 0.3	1.40	2570	48	< 1	< 2	2.71	< 0.3	7	25	76	3.86	4	4	0.14	0.65	3	986	12	1.16	17	0.047
278243	112	< 0.3	0.26	522	< 7	< 1	< 2	0.47	< 0.3	1	10	14	1.01	< 1	< 1	0.03	0.08	2	186	6	0.21	3	0.008
278244	279	1.6	0.95	802	32	< 1	< 2	4.98	0.6	5	24	115	6.38	< 1	< 1	0.22	1.00	7	1020	1	0.59	26	0.021
278245	923	1.3	3.33	2100	59	< 1	< 2	6.19	< 0.3	12	28	87	6.28	8	< 1	0.36	1.71	7	1220	< 1	2.47	40	0.032
278246	806	1.1	1.45	852	16	< 1	< 2	4.15	0.4	6	22	80	4.81	5	< 1	0.09	0.99	3	1060	< 1	1.19	22	0.038
278247	1640	0.7	1.71	2000	96	< 1	< 2	3.03	< 0.3	8	26	81	4.09	5	< 1	0.26	0.89	6	1160	< 1	1.17	19	0.014
278248	491	< 0.3	7.53	192	387	2	< 2	6.85	0.4	36	131	66	6.99	16	< 1	1.14	2.54	23	1630	< 1	3.40	93	0.075
278249	13	< 0.3	7.13	47	178	< 1	< 2	9.21	< 0.3	37	92	82	6.95	14	< 1	0.51	2.75	17	1370	< 1	2.84	135	0.022
278250	1080																						
278251	7	< 0.3	7.44	10	137	< 1	< 2	6.92	< 0.3	39	79	44	7.30	16	< 1	0.43	4.62	23	1020	< 1	1.73	134	0.019
278252	5	< 0.3	8.04	< 3	35	< 1	< 2	7.27	0.3	41	116	67	8.15	16	< 1	0.23	4.89	21	1030	< 1	1.66	139	0.027

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278253	6	< 0.3	7.84	< 3	269	1	< 2	7.92	< 0.3	37	114	102	8.23	17	< 1	0.74	4.58	23	1100	< 1	1.61	100	0.069
278254	7	< 0.3	7.70	4	43	< 1	< 2	7.82	0.4	43	119	125	8.46	16	< 1	0.36	3.93	22	1030	< 1	1.52	105	0.028
278255	< 5	< 0.3	6.90	5	84	< 1	< 2	7.27	< 0.3	38	261	44	8.14	15	< 1	0.24	4.29	14	986	< 1	1.72	115	0.043
278256	< 5	< 0.3	7.11	< 3	44	< 1	< 2	7.26	< 0.3	36	161	38	8.09	17	< 1	0.17	3.90	13	924	< 1	1.95	78	0.021
278257	5	< 0.3	7.49	< 3	53	< 1	< 2	6.80	0.5	37	150	62	8.73	16	< 1	0.17	4.17	16	988	< 1	2.32	78	0.022
278258	5	< 0.3	7.05	< 3	50	< 1	< 2	6.39	< 0.3	36	108	103	8.73	16	< 1	0.17	3.92	16	1020	< 1	2.11	72	0.024

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278001	< 3	< 5	0.10	37	111	6	0.31	< 5	< 10	207	< 5	24	110	35	3.13	
278002	< 3	< 5	0.16	41	124	2	0.19	< 5	< 10	120	< 5	23	107	19	3.27	
278003	4	< 5	0.10	40	140	11	0.19	6	< 10	118	< 5	23	114	23	3.17	
278004	< 3	< 5	0.12	33	115	10	0.20	< 5	< 10	113	< 5	21	104	21	3.24	
278005	< 3	< 5	0.04	33	147	< 2	0.27	< 5	< 10	140	< 5	22	99	35	3.52	
278006	5	< 5	0.15	34	144	7	0.22	< 5	< 10	116	< 5	22	94	31	3.30	
278007	6	< 5	0.16	32	137	12	0.28	< 5	< 10	142	< 5	21	102	41	3.52	
278008	< 3	< 5	0.17	36	158	< 2	0.20	< 5	< 10	124	< 5	24	106	38	3.51	
278009	6	< 5	0.22	32	149	4	0.64	< 5	< 10	224	< 5	22	124	58	3.39	
278010	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	3.92	
278011	7	< 5	0.19	32	204	< 2	0.45	< 5	< 10	202	< 5	22	117	58	3.33	
278012	5	< 5	0.17	32	221	< 2	0.28	< 5	< 10	127	< 5	22	117	30	3.28	
278013	< 3	< 5	0.09	33	228	< 2	0.28	< 5	< 10	160	< 5	24	120	48	3.76	
278014	5	< 5	0.07	34	177	< 2	0.30	< 5	< 10	186	< 5	23	126	58	3.43	
278015	4	< 5	0.18	36	207	< 2	0.16	< 5	< 10	92	< 5	25	103	19	3.64	
278016	6	< 5	0.07	34	175	5	0.28	< 5	< 10	169	< 5	23	114	53	2.34	
278017	4	< 5	0.12	34	152	8	0.28	< 5	< 10	170	< 5	22	108	46	2.46	
278018	6	< 5	0.11	30	168	3	0.17	< 5	< 10	87	< 5	21	90	20	2.28	
278019	< 3	< 5	0.13	32	255	< 2	0.14	< 5	< 10	92	< 5	22	107	24	2.48	
278020	7	< 5	0.15	24	209	6	1.03	< 5	< 10	276	< 5	18	123	65	2.91	
278021	4	< 5	0.07	33	198	< 2	0.34	< 5	< 10	157	< 5	22	109	44	3.67	
278022	8	< 5	0.13	33	143	< 2	0.25	< 5	< 10	137	< 5	23	113	30	3.65	
278023	4	5	0.14	35	149	3	0.13	< 5	< 10	79	< 5	23	106	13	3.52	
278024	4	8	0.12	35	133	< 2	0.14	< 5	< 10	80	12	23	105	17	3.49	
278025															0.818	
278026	4	< 5	0.24	39	148	< 2	0.16	< 5	< 10	104	< 5	25	133	19	3.48	
278027	< 3	< 5	0.11	39	140	14	0.28	< 5	< 10	133	< 5	26	118	29	4.61	
278028	< 3	< 5	0.21	35	149	< 2	0.18	< 5	< 10	95	< 5	23	100	22	2.31	
278029	3	< 5	0.19	40	152	9	0.17	< 5	< 10	96	< 5	25	109	21	2.43	
278030	3	< 5	0.11	36	158	< 2	0.11	< 5	< 10	72	< 5	23	92	15	1.22	
278031	5	< 5	0.15	24	157	5	1.11	< 5	< 10	313	< 5	20	123	71	3.37	
278032	3	< 5	0.20	35	152	< 2	0.26	< 5	< 10	145	< 5	23	108	41	2.16	
278033	< 3	< 5	0.16	36	171	< 2	0.12	< 5	< 10	82	< 5	24	109	18	1.60	
278034	< 3	< 5	0.13	38	152	7	0.16	< 5	< 10	90	< 5	26	114	23	3.10	
278035	< 3	< 5	0.15	37	150	7	0.13	< 5	< 10	85	< 5	24	92	30	3.23	
278036	< 3	< 5	0.14	37	150	9	0.23	7	< 10	96	< 5	24	116	33	2.04	
278037	< 3	< 5	0.17	37	145	8	0.21	< 5	< 10	98	< 5	24	99	33	2.52	
278038	158	28	0.65	22	164	12	0.25	17	50	122	53	50	623	52	1.89	
278039	< 3	< 5	0.16	37	164	< 2	0.24	8	< 10	103	< 5	23	109	33	2.87	
278040																

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278041	8	< 5	0.19	34	181	< 2	0.23	< 5	< 10	98	< 5	23	100	30	2.26	
278042	< 3	< 5	0.18	32	174	< 2	0.19	< 5	< 10	116	< 5	22	91	35	1.17	
278043	< 3	< 5	0.15	35	157	3	0.16	< 5	< 10	92	< 5	22	107	18	2.72	
278044	5	< 5	0.13	33	172	< 2	0.24	< 5	< 10	126	< 5	22	105	32	3.16	
278045	< 3	< 5	0.07	37	190	5	0.20	< 5	< 10	101	< 5	24	110	26	2.29	
278046	< 3	< 5	0.07	30	277	< 2	0.25	< 5	< 10	115	11	18	79	33	0.606	
278047	< 3	< 5	0.11	37	177	7	0.32	< 5	< 10	125	< 5	23	105	36	1.64	
278048	< 3	< 5	0.26	34	147	8	0.59	< 5	< 10	220	< 5	23	95	52	1.28	
278049	3	6	0.32	36	112	4	0.71	< 5	< 10	257	< 5	25	98	63	4.17	
278050	< 3	< 5	0.18	39	111	< 2	0.65	< 5	< 10	265	< 5	25	108	65	3.79	
278051	< 3	< 5	0.10	33	116	9	0.72	< 5	< 10	276	< 5	22	104	66	3.26	
278052	< 3	< 5	0.05	44	116	4	0.29	< 5	< 10	229	< 5	25	110	64	3.52	
278053	< 3	< 5	0.10	40	122	< 2	0.37	< 5	< 10	227	< 5	26	107	62	3.41	
278054	< 3	< 5	0.07	40	132	3	0.29	< 5	< 10	201	< 5	25	104	54	3.60	
278055	< 3	< 5	0.07	39	132	5	0.30	< 5	< 10	168	< 5	24	109	48	3.35	
278056															0.738	
278057	< 3	< 5	0.13	35	143	5	0.30	< 5	< 10	102	< 5	24	109	32	3.65	
278058	< 3	< 5	0.38	35	170	< 2	0.50	< 5	< 10	163	< 5	23	121	41	3.31	
278059	< 3	< 5	0.10	33	178	< 2	0.51	< 5	< 10	142	< 5	21	117	45	3.40	
278060	5	13	0.16	35	177	< 2	0.42	< 5	< 10	146	< 5	24	123	38	3.56	
278061	< 3	< 5	0.16	29	168	< 2	1.08	< 5	< 10	287	< 5	21	111	76	3.19	
278062	4	< 5	0.18	36	156	< 2	0.35	< 5	< 10	187	< 5	25	123	57	1.75	
278063	6	< 5	0.18	36	150	< 2	0.38	< 5	< 10	200	< 5	25	121	57	1.49	
278064	< 3	< 5	0.46	36	146	< 2	0.36	< 5	< 10	148	< 5	24	119	29	3.54	
278065	< 3	< 5	0.23	34	156	< 2	0.37	< 5	< 10	155	< 5	24	107	36	3.76	
278066	< 3	< 5	0.16	39	169	< 2	0.35	< 5	< 10	176	< 5	27	124	43	3.93	
278067	7	< 5	0.11	38	159	< 2	0.44	< 5	< 10	221	< 5	26	117	68	3.39	
278068	3	6	0.11	38	177	< 2	0.52	< 5	< 10	241	< 5	26	117	72	3.61	
278069																
278070	4	< 5	0.12	41	178	17	0.64	< 5	< 10	258	< 5	28	121	72	3.69	
278071	< 3	6	0.11	41	139	< 2	0.40	< 5	< 10	165	8	27	107	49	3.74	
278072	< 3	< 5	0.18	31	136	5	0.87	< 5	< 10	285	< 5	24	109	73	3.72	
278073															0.880	
278074	< 3	< 5	0.16	38	121	< 2	0.34	< 5	< 10	172	< 5	25	101	46	3.73	
278075	< 3	< 5	0.21	40	126	4	0.18	< 5	< 10	118	< 5	26	118	21	3.58	
278076	< 3	< 5	0.12	40	130	7	0.23	< 5	< 10	134	< 5	26	119	34	3.55	
278077	< 3	< 5	0.15	41	132	< 2	0.31	< 5	< 10	164	< 5	27	121	41	1.84	
278078	6	< 5	0.12	41	147	< 2	0.39	5	< 10	208	< 5	27	125	61	1.61	
278079	< 3	< 5	0.20	40	184	6	0.39	< 5	< 10	165	< 5	27	103	39	3.80	
278080	< 3	< 5	0.23	35	264	5	0.46	< 5	< 10	170	< 5	25	95	50	3.68	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278081	3	< 5	0.38	35	291	13	0.43	< 5	< 10	160	< 5	24	112	44	1.88	
278082	9	< 5	3.54	22	216	< 2	0.38	< 5	< 10	144	< 5	17	107	55	1.01	
278083	< 3	< 5	0.79	25	296	8	0.34	< 5	< 10	160	< 5	15	111	54	2.10	
278084	4	< 5	0.51	26	310	< 2	0.36	< 5	< 10	153	< 5	16	116	45	2.10	
278085																
278086	3	< 5	0.30	26	326	< 2	0.29	< 5	< 10	109	< 5	17	115	20	3.63	
278087	4	< 5	0.14	27	323	< 2	0.38	< 5	< 10	166	< 5	18	123	49	4.07	
278088	< 3	< 5	0.19	28	350	< 2	0.44	< 5	< 10	147	< 5	18	129	38	3.90	
278089	< 3	< 5	0.04	29	401	5	0.34	< 5	< 10	151	< 5	18	119	53	3.41	
278090	< 3	< 5	0.06	26	368	< 2	0.37	< 5	< 10	138	< 5	16	108	46	3.62	
278091															0.812	
278092	< 3	< 5	0.23	27	339	5	0.48	< 5	< 10	153	< 5	17	109	42	2.26	
278093	3	9	0.21	29	329	9	0.58	< 5	< 10	208	< 5	16	118	53	2.08	
278094	3	< 5	0.24	22	432	< 2	0.59	< 5	< 10	166	< 5	14	84	42	1.40	
278095	< 3	< 5	0.07	26	359	< 2	0.28	< 5	< 10	156	< 5	16	104	50	2.69	
278096	8	< 5	0.30	27	371	2	0.17	< 5	< 10	94	< 5	18	119	11	2.23	
278097	< 3	< 5	0.06	30	407	< 2	0.26	< 5	< 10	164	< 5	19	125	53	3.73	
278098	< 3	< 5	0.24	26	354	< 2	0.26	< 5	< 10	96	< 5	17	108	17	2.31	
278099	3	7	0.10	24	291	4	0.26	< 5	< 10	104	< 5	15	92	25	0.586	
278100	< 3	< 5	0.06	25	369	6	0.34	< 5	< 10	142	< 5	15	91	45	0.590	
278101	< 3	< 5	0.12	27	373	< 2	0.47	< 5	< 10	150	< 5	16	112	40	3.69	
278102	3	< 5	0.04	28	343	< 2	0.38	8	< 10	159	< 5	17	108	51	3.24	
278103	4	< 5	0.14	27	348	7	0.76	< 5	< 10	203	< 5	16	114	55	3.81	
278104																
278105	< 3	< 5	0.09	28	403	< 2	0.26	< 5	< 10	149	< 5	16	118	49	3.70	
278106	< 3	< 5	1.39	26	356	6	0.31	< 5	< 10	155	< 5	16	115	50	2.50	
278107	17	7	2.91	14	298	< 2	0.30	< 5	< 10	86	9	13	443	97	1.23	
278108	14	< 5	3.88	26	503	< 2	0.64	< 5	< 10	204	9	18	162	74	1.59	
278109	20	< 5	4.27	15	320	< 2	0.31	< 5	< 10	101	9	12	456	85	1.74	
278110	15	< 5	3.98	17	255	< 2	0.39	< 5	< 10	116	12	12	932	76	2.32	
278111	16	< 5	1.71	7	182	< 2	0.14	< 5	< 10	46	12	6	248	24	1.03	
278112	5	< 5	2.26	25	449	< 2	0.51	< 5	< 10	151	7	14	128	48	1.42	
278113	< 3	< 5	2.54	18	465	< 2	0.47	< 5	< 10	108	14	13	118	39	1.91	
278114															0.756	
278115	4	< 5	2.45	18	401	15	0.65	< 5	< 10	138	49	13	125	50	1.43	
278116	4	< 5	1.10	16	348	< 2	0.38	< 5	< 10	83	39	14	120	38	1.24	
278117	21	< 5	1.51	13	250	< 2	0.25	< 5	< 10	75	13	9	151	39	1.26	
278118	< 3	< 5	1.69	10	139	< 2	0.18	< 5	< 10	48	22	6	49	20	1.15	
278119	9	< 5	3.45	11	232	< 2	0.17	< 5	< 10	67	14	8	122	24	1.25	
278120	24	< 5	6.70	9	217	< 2	0.12	< 5	< 10	89	8	9	159	29	1.35	10.5

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278121	3	< 5	0.49	33	181	< 2	0.50	< 5	< 10	197	< 5	18	65	41	1.14	
278122	< 3	< 5	0.02	33	141	< 2	0.42	< 5	< 10	180	< 5	18	53	33	1.34	
278123	< 3	< 5	0.04	33	161	2	0.46	< 5	< 10	195	5	20	57	31	2.31	
278124	< 3	< 5	0.05	33	165	< 2	0.51	< 5	< 10	215	< 5	18	64	28	2.26	
278125	< 3	6	0.03	32	152	< 2	0.22	< 5	< 10	118	< 5	20	56	24	1.20	
278126	< 3	21	0.05	32	151	< 2	0.21	< 5	< 10	98	< 5	20	78	19	1.08	
278127	< 3	< 5	0.06	38	183	< 2	0.36	< 5	< 10	181	< 5	22	62	31	3.76	
278128	< 3	12	0.17	40	170	12	0.26	< 5	< 10	135	< 5	26	69	23	3.25	
278129	< 3	< 5	0.04	36	183	4	0.48	< 5	< 10	206	< 5	23	66	50	3.63	
278130																
278131	< 3	< 5	0.09	37	164	13	0.59	< 5	< 10	232	< 5	21	61	38	3.56	
278132	< 3	< 5	0.03	35	121	< 2	0.53	< 5	< 10	215	< 5	21	49	26	3.44	
278133	< 3	< 5	0.02	35	110	< 2	0.46	< 5	< 10	195	< 5	20	42	30	3.84	
278134	6	< 5	0.02	36	112	< 2	0.36	< 5	< 10	180	< 5	20	41	33	3.72	
278135	< 3	< 5	0.02	32	101	8	0.59	< 5	< 10	238	< 5	19	52	40	3.74	
278136	< 3	< 5	0.03	36	108	< 2	0.23	< 5	< 10	191	< 5	21	60	30	3.44	
278137	< 3	< 5	0.05	38	124	< 2	0.23	< 5	< 10	169	< 5	21	68	31	3.27	
278138	< 3	< 5	0.05	38	117	< 2	0.14	< 5	< 10	83	< 5	21	83	15	2.25	
278139	< 3	< 5	0.10	39	118	< 2	0.18	< 5	< 10	106	< 5	23	103	17	2.49	
278140															0.880	
278141	4	< 5	0.11	36	98	< 2	0.44	< 5	< 10	200	< 5	23	112	34	3.52	
278142	6	< 5	0.10	35	126	< 2	0.29	< 5	< 10	108	< 5	22	104	18	3.40	
278143	< 3	< 5	0.14	33	123	3	0.30	< 5	< 10	107	< 5	21	104	17	3.22	
278144	< 3	6	0.09	34	145	< 2	0.40	< 5	< 10	115	< 5	21	106	25	3.13	
278145	< 3	< 5	0.15	35	145	< 2	0.39	< 5	< 10	131	< 5	21	100	28	3.19	
278146	3	< 5	0.17	32	133	< 2	0.39	< 5	< 10	163	< 5	20	96	39	3.28	
278147	< 3	6	0.16	31	152	3	0.31	5	< 10	148	< 5	21	96	36	3.46	
278148	4	< 5	0.13	32	148	5	0.31	< 5	< 10	193	< 5	23	125	58	3.82	
278149	< 3	< 5	0.12	33	190	< 2	0.34	< 5	< 10	185	< 5	23	123	56	1.77	
278150	< 3	< 5	0.12	30	175	< 2	0.35	< 5	< 10	183	< 5	21	109	57	1.77	
278151	28	< 5	0.14	31	189	< 2	0.46	< 5	< 10	185	11	21	111	53	3.94	
278152	< 3	< 5	0.12	30	224	< 2	0.66	< 5	< 10	190	< 5	21	109	53	3.48	
278153	< 3	< 5	0.12	31	212	11	0.57	< 5	< 10	161	< 5	21	104	45	3.76	
278154	< 3	< 5	0.13	32	211	< 2	0.53	< 5	< 10	158	< 5	21	110	44	3.81	
278155	3	< 5	0.11	31	158	< 2	0.25	< 5	< 10	124	< 5	20	86	33	3.49	
278156	5	< 5	0.12	32	177	< 2	0.29	< 5	< 10	153	< 5	22	103	41	3.53	
278157	4	< 5	0.12	32	163	< 2	0.37	< 5	< 10	194	< 5	20	102	56	3.69	
278158	< 3	< 5	0.11	32	188	< 2	0.22	< 5	< 10	101	< 5	21	105	17	3.88	
278159	19	< 5	0.17	30	163	< 2	0.23	< 5	< 10	89	< 5	20	96	16	3.56	
278160																

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278161	9	< 5	0.15	30	180	< 2	0.24	< 5	< 10	90	< 5	20	103	16	3.48	
278162	5	< 5	0.18	31	142	6	0.29	< 5	< 10	107	< 5	20	103	23	3.49	
278163	< 3	< 5	0.18	30	113	< 2	0.36	< 5	< 10	126	< 5	19	117	22	3.73	
278164	< 3	< 5	0.25	31	138	4	0.35	< 5	< 10	127	< 5	19	107	25	3.55	
278165	< 3	< 5	0.14	27	156	< 2	0.42	< 5	< 10	170	< 5	17	84	38	3.69	
278166	5	< 5	0.16	31	122	< 2	0.15	< 5	< 10	93	< 5	20	80	15	3.61	
278167	6	< 5	0.14	32	127	< 2	0.19	< 5	< 10	92	< 5	20	80	16	3.55	
278168	< 3	< 5	0.13	32	150	< 2	0.13	< 5	< 10	73	< 5	21	89	15	3.63	
278169	< 3	< 5	0.10	36	150	< 2	0.19	< 5	< 10	79	< 5	25	102	21	3.57	
278170(not received)																
278171	6	6	0.14	33	128	< 2	0.25	< 5	< 10	96	< 5	21	94	24	3.65	
278172	< 3	< 5	0.11	31	153	< 2	0.28	< 5	< 10	96	< 5	20	97	26	3.73	
278173	< 3	< 5	0.14	30	162	< 2	0.41	< 5	< 10	126	< 5	19	88	34	3.17	
278174	3	< 5	0.18	32	175	4	0.53	< 5	< 10	153	6	21	106	39	4.11	
278175	3	< 5	0.22	29	148	< 2	0.39	< 5	< 10	129	< 5	19	99	31	3.78	
278176	9	< 5	0.13	31	158	< 2	0.39	< 5	< 10	158	< 5	20	100	46	1.59	
278177	< 3	< 5	0.22	33	99	10	0.46	< 5	< 10	217	< 5	21	113	54	1.84	
278178	< 3	< 5	0.07	39	145	< 2	0.31	< 5	< 10	217	< 5	24	93	61	3.78	
278179	< 3	6	0.17	37	137	5	0.43	< 5	< 10	201	< 5	24	82	49	1.62	
278180	15	< 5	0.14	35	136	< 2	0.43	< 5	< 10	200	< 5	22	78	49	1.71	
278181	4	< 5	0.13	36	127	4	0.50	< 5	< 10	220	< 5	22	83	55	3.01	
278182	< 3	< 5	0.36	32	71	< 2	0.48	< 5	< 10	207	< 5	17	85	42	1.55	
278183	< 3	< 5	0.16	37	100	< 2	0.65	< 5	< 10	264	< 5	18	86	54	2.97	
278184	< 3	< 5	0.07	34	124	< 2	0.55	< 5	< 10	218	9	20	84	52	3.66	
278185	3	< 5	0.16	35	126	< 2	0.60	< 5	< 10	239	< 5	21	106	51	3.66	
278186	< 3	7	0.04	34	170	4	0.45	< 5	< 10	211	< 5	19	69	49	2.39	
278187	< 3	< 5	0.14	33	115	6	0.28	< 5	< 10	154	< 5	20	105	39	2.24	
278188	< 3	< 5	0.13	31	149	4	0.10	< 5	< 10	67	< 5	21	82	15	2.60	
278189	< 3	< 5	0.16	32	141	< 2	0.21	< 5	< 10	98	< 5	22	95	18	3.64	
278190																
278191	< 3	< 5	0.14	31	172	< 2	0.27	< 5	< 10	109	< 5	21	115	26	3.69	
278192	< 3	< 5	0.10	29	194	< 2	0.20	< 5	< 10	77	< 5	19	96	21	3.55	
278193	< 3	< 5	0.13	30	170	< 2	0.30	< 5	< 10	96	< 5	20	94	27	3.72	
278194	< 3	< 5	0.14	30	153	3	0.28	< 5	< 10	96	< 5	20	88	25	3.50	
278195	< 3	< 5	0.11	31	146	4	0.34	< 5	< 10	103	< 5	20	97	32	3.45	
278196	< 3	< 5	0.19	33	161	< 2	0.28	< 5	< 10	110	< 5	19	98	30	3.65	
278197	6	< 5	0.64	34	133	< 2	0.41	< 5	< 10	217	< 5	22	124	62	3.76	
278198	4	< 5	0.15	35	172	5	0.40	< 5	< 10	214	< 5	25	106	61	3.79	
278199	< 3	< 5	0.09	36	187	< 2	0.34	< 5	< 10	191	< 5	25	103	57	3.72	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278200															0.848	
278201	< 3	< 5	0.11	37	161	15	0.41	< 5	< 10	202	< 5	25	99	59	3.72	
278202	< 3	< 5	0.10	35	145	< 2	0.41	< 5	< 10	148	< 5	23	100	43	3.74	
278203	< 3	< 5	0.16	36	128	< 2	0.26	< 5	< 10	123	< 5	24	98	31	3.61	
278204	5	< 5	0.12	40	130	< 2	0.32	< 5	< 10	139	< 5	26	102	34	3.48	
278205	3	< 5	0.80	33	139	< 2	0.53	< 5	< 10	219	< 5	23	155	69	3.56	
278206	6	< 5	0.21	34	151	< 2	0.57	< 5	< 10	212	< 5	24	102	56	3.44	
278207	6	< 5	0.51	32	182	< 2	0.43	< 5	< 10	210	< 5	24	164	66	1.27	
278208	37	11	9.07	27	169	< 2	0.67	< 5	< 10	215	< 5	21	83	57	1.35	
278209	7	< 5	1.66	24	297	< 2	0.33	< 5	< 10	159	< 5	17	129	54	0.684	
278210	5	< 5	1.26	23	295	< 2	0.33	< 5	< 10	147	< 5	16	113	50	0.658	
278211	9	< 5	1.48	22	269	< 2	0.35	< 5	< 10	145	< 5	16	108	49	1.37	
278212	7	< 5	0.35	24	402	4	0.39	< 5	< 10	133	< 5	19	112	46	1.78	
278213	5	< 5	0.27	25	297	< 2	0.36	< 5	< 10	117	< 5	16	103	28	3.63	
278214	5	< 5	0.40	25	326	< 2	0.57	< 5	< 10	156	< 5	16	110	41	3.67	
278215	9	< 5	0.41	25	325	13	0.55	5	< 10	183	< 5	16	107	52	3.51	
278216	< 3	< 5	0.09	26	269	3	0.39	< 5	< 10	165	< 5	16	107	51	1.81	
278217	6	< 5	0.66	22	339	< 2	0.38	< 5	< 10	155	< 5	14	97	44	1.88	
278218	8	< 5	0.24	28	304	< 2	0.46	< 5	< 10	181	< 5	18	126	52	3.77	
278219	4	< 5	0.07	26	349	< 2	0.25	< 5	< 10	144	< 5	17	109	45	3.36	
278220	5	< 5	0.20	42	102	< 2	0.38	< 5	< 10	187	< 5	21	75	32	0.124	
278221	3	6	0.19	27	320	< 2	0.41	< 5	< 10	141	< 5	17	106	35	3.67	
278222	< 3	< 5	0.16	25	370	5	0.37	< 5	< 10	135	< 5	16	102	38	3.71	
278223	< 3	< 5	0.06	25	385	< 2	0.38	< 5	< 10	125	< 5	16	102	40	3.84	
278224	6	< 5	0.14	27	373	< 2	0.55	< 5	< 10	157	< 5	17	114	44	3.76	
278225	5	< 5	0.06	27	364	< 2	0.34	< 5	< 10	148	< 5	16	110	48	3.53	
278226	< 3	< 5	0.12	25	348	< 2	0.72	< 5	< 10	195	< 5	15	100	54	3.75	
278227	< 3	< 5	0.16	27	428	< 2	0.27	< 5	< 10	138	< 5	18	113	42	3.12	
278228	4	< 5	0.11	26	415	< 2	0.26	< 5	< 10	135	< 5	17	114	39	1.41	
278229	8	< 5	0.28	26	406	< 2	0.21	< 5	< 10	90	< 5	16	118	14	2.03	
278230															0.832	
278231	3	< 5	2.55	26	419	< 2	0.34	< 5	< 10	149	5	16	132	47	1.23	
278232	17	< 5	3.56	14	203	< 2	0.34	< 5	< 10	102	9	11	365	95	1.61	
278233	15	< 5	4.32	16	211	< 2	0.37	< 5	< 10	121	7	11	341	71	2.36	
278234	10	14	2.73	23	398	< 2	0.54	< 5	< 10	162	21	13	212	42	1.19	
278235	11	< 5	4.80	22	294	< 2	0.58	< 5	< 10	186	24	15	197	58	1.27	
278236	14	< 5	1.47	21	422	< 2	0.39	< 5	< 10	150	< 5	14	177	52	1.33	
278237	90	< 5	2.32	20	272	5	0.34	< 5	< 10	137	< 5	15	75	52	0.842	
278238	< 3	< 5	1.03	21	281	< 2	0.29	< 5	< 10	132	< 5	17	368	50	1.23	
278239	10	< 5	1.51	22	364	< 2	0.34	< 5	< 10	131	< 5	15	106	39	0.656	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278240	7	< 5	1.68	24	382	< 2	0.35	6	< 10	132	< 5	15	101	40	0.624	
278241	8	< 5	2.39	21	420	< 2	0.57	< 5	< 10	140	47	12	155	42	1.64	
278242	10	< 5	1.71	5	125	10	0.10	< 5	< 10	31	8	6	61	17	0.878	
278243	7	< 5	0.39	< 4	22	< 2	< 0.01	< 5	< 10	3	< 5	< 1	11	< 5	0.838	
278244	14	< 5	4.43	< 4	59	< 2	0.04	< 5	< 10	25	< 5	10	35	11	1.28	
278245	11	< 5	4.00	7	131	< 2	0.10	< 5	< 10	47	10	10	33	15	1.21	
278246	9	< 5	2.77	5	86	3	0.05	< 5	< 10	21	< 5	6	46	10	1.18	
278247	14	< 5	1.80	6	127	3	0.09	< 5	< 10	41	7	5	67	23	1.23	
278248	3	< 5	0.26	26	446	< 2	0.28	< 5	< 10	136	< 5	19	73	42	1.16	
278249	< 3	< 5	0.11	26	298	< 2	0.17	< 5	< 10	84	< 5	16	57	17	2.53	
278250																
278251	< 3	< 5	0.01	28	147	3	0.20	< 5	< 10	106	< 5	16	45	31	3.50	
278252	< 3	< 5	0.03	29	141	3	0.49	< 5	< 10	186	< 5	16	46	26	3.07	
278253	< 3	6	0.07	28	165	11	0.56	< 5	< 10	200	< 5	17	54	50	3.46	
278254	< 3	< 5	0.09	32	135	< 2	0.47	< 5	< 10	181	< 5	19	41	25	3.38	
278255	< 3	< 5	0.03	31	128	< 2	0.56	< 5	< 10	206	< 5	18	36	43	3.35	
278256	4	< 5	< 0.01	34	130	< 2	0.17	< 5	< 10	139	< 5	20	31	31	3.47	
278257	< 3	< 5	0.02	35	142	< 2	0.22	< 5	< 10	144	< 5	20	35	37	2.56	
278258	< 3	< 5	0.03	34	135	3	0.17	6	< 10	88	< 5	20	40	21	2.55	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		30.5	1.76	332	618	1	1310	0.78	2.7	8	16	1150	22.5	4	9	0.05	0.18	8	819	15	0.05	36	0.054
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-1 Meas		31.5	1.77	352	641	1	1380	0.85	3.1	8	60	1150	22.1	6	5	0.05	0.18	7	909	15	0.05	42	0.059
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-1 Meas		31.6	1.98	438	636	1	1380	0.87	3.2	6	15	1190	22.9	11	5	0.05	0.20	8	955	16	0.05	46	0.059
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.2	5.86	69	157	2	17	0.87	0.3	12	25	6330	2.97	19	< 1	3.08	1.56	11	145	245	0.54	40	0.120
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-4 Meas		3.5	6.21	79	144	2	16	0.99	< 0.3	12	49	6480	3.10	18	< 1	4.38	1.67	11	141	279	0.55	43	0.130
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-4 Meas		3.4	6.60	98	248	2	16	1.04	0.5	15	33	6620	2.96	18	< 1	3.65	1.68	11	149	320	0.53	47	0.130
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			7.86	< 3	642	3		0.98		16	29	33	5.19	21	< 1	1.26	1.01	37	802		1.62	34	0.052
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			7.63	< 3	630	3		1.06		17	146	31	4.88	21	< 1	1.93	1.01	34	906		1.54	35	0.055
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			8.25	< 3	630	3		1.07		18	46	29	4.81	22	< 1	2.00	1.00	34	884		1.59	38	0.052
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.4	12.0	198	> 1000	1	< 2	0.15	< 0.3	13	45	72	6.01	29	< 1	2.09	0.59	34	984	< 1	0.10	26	0.033
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
GXR-6 Meas		0.4	12.6	257	> 1000	1	< 2	0.16	0.5	13	67	74	5.88	29	< 1	1.84	0.59	33	1060	1	0.10	26	0.034
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
Oreas 72a (4 Acid Digest) Meas				5						138	183	336	10.0									6220	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid Digest) Meas				3						155	170	348	10.1									7140	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid Digest) Meas				< 3						146	209	323	9.75									6620	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
DNC-1a Meas					97					48	138	105		11				5				234	
DNC-1a Cert					118					57	270	100		15				5.2				247	
DNC-1a Meas					106					57	212	110		13				5				283	
DNC-1a Cert					118					57	270	100		15				5.2				247	
DNC-1a Meas					97					57	142	107		14				5				271	
DNC-1a Cert					118					57	270	100		15				5.2				247	
SBC-1 Meas				14	773	3	< 2		0.4	20	72	33		26				166		5		78	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SBC-1 Meas				17	851	4	< 2		0.5	24	90	35		29				167		2		106	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		82.8	
SBC-1 Meas				26	735	3	< 2		< 0.3	23	97	31		28				156		2		84	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					953	7	< 2		4.3	11	26	235		16	3			18		8		43	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49	
SdAR-M2 (U.S.G.S.) Meas					> 1000	8	< 2		4.9	13	33	253		17	1			18		12		57	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49	
SdAR-M2 (U.S.G.S.) Meas					987	7	< 2		5.2	13	43	244		17	< 1			18		9		54	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49	
OREAS 214 Meas																							
OREAS 214 Cert																							
OREAS 216 (Fire Assay) Meas																							
OREAS 216 (Fire Assay) Cert																							
OREAS 223 (Fire Assay) Meas	1730																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1770																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1760																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1720																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1730																						
OREAS 223 (Fire Assay) Cert	1780																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 223 (Fire Assay) Meas	1760																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1690																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1780																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 220 (Fire Assay) Meas	876																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	839																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	883																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	882																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	851																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	863																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	864																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	878																						
OREAS 220 (Fire Assay) Cert	828																						
278010 Orig	< 5																						
278010 Dup	< 5																						
278013 Orig		< 0.3	6.36	6	129	< 1	5	7.30	0.4	46	81	78	13.2	17	< 1	0.20	2.73	8	2950	< 1	1.82	65	0.051

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278013 Dup		< 0.3	6.36	< 3	129	< 1	< 2	7.11	0.3	45	69	77	13.5	17	9	0.20	2.72	8	2890	< 1	1.88	64	0.050
278020 Orig	5																						
278020 Dup	5																						
278028 Orig		< 0.3	7.08	< 3	240	< 1	4	7.66	< 0.3	52	74	105	9.29	23	< 1	0.65	2.05	13	1760	< 1	2.21	63	0.059
278028 Dup		< 0.3	6.97	3	236	< 1	6	7.47	< 0.3	50	71	102	9.17	20	2	0.65	2.00	12	1720	< 1	2.19	63	0.057
278030 Orig	< 5																						
278030 Dup	< 5																						
278051 Split Orig PREP DUP	< 5	0.3	5.48	< 3	73	< 1	< 2	8.54	0.4	47	38	102	12.0	16	< 1	0.20	2.88	9	2680	< 1	1.54	50	0.039
278051 Split PREP DUP	5	< 0.3	6.31	3	75	< 1	< 2	8.54	< 0.3	44	38	101	12.0	15	< 1	0.22	2.93	10	2560	< 1	1.58	47	0.034
278051 Orig	< 5																						
278051 Dup	5																						
278053 Orig		< 0.3	6.30	4	125	< 1	< 2	8.62	0.4	45	42	126	13.2	16	7	0.31	2.89	10	2990	< 1	1.42	43	0.032
278053 Dup		< 0.3	6.51	< 3	128	< 1	< 2	8.71	0.3	46	32	131	13.8	17	8	0.31	3.00	11	3090	< 1	1.48	50	0.033
278057 Orig	< 5																						
278057 Dup	5																						
278068 Orig	< 5	< 0.3	6.30	3	363	< 1	< 2	8.42	0.4	49	33	108	13.7	18	3	0.81	2.99	13	3100	< 1	1.39	48	0.041
278068 Dup	< 5	< 0.3	6.22	< 3	357	< 1	< 2	8.16	< 0.3	48	26	107	13.6	18	2	0.78	2.94	13	3020	< 1	1.38	46	0.043
278079 Orig	< 5																						
278079 Dup	< 5																						
278089 Orig	< 5																						
278089 Dup	< 5																						
278097 Orig		< 0.3	5.66	4	256	1	5	9.30	0.5	66	126	319	11.7	12	< 1	1.07	3.87	13	2180	< 1	1.71	152	0.030
278097 Dup		0.4	5.67	< 3	262	1	5	9.63	0.4	69	103	333	12.1	12	< 1	1.12	3.92	13	2280	< 1	1.74	158	0.031
278099 Orig	< 5																						
278099 Dup	5																						
278101 Split Orig PREP DUP	7	< 0.3	5.31	< 3	262	< 1	< 2	8.52	0.4	59	112	309	11.9	11	< 1	1.04	3.82	14	2020	< 1	1.64	145	0.036
278101 Split PREP DUP	6	0.3	5.50	< 3	275	< 1	< 2	8.81	0.3	63	116	305	12.3	12	< 1	1.13	4.00	15	2150	< 1	1.69	149	0.039
278111 Orig		< 0.3	2.69	1420	39	< 1	< 2	2.87	< 0.3	21	106	107	4.25	7	2	0.08	0.93	2	765	< 1	2.10	33	0.045
278111 Dup		< 0.3	2.78	1480	40	< 1	< 2	3.09	< 0.3	22	98	110	4.39	7	< 1	0.08	0.96	2	836	1	2.12	36	0.047
278113 Orig	5320																						
278113 Dup	5120																						
278123 Orig	10																						
278123 Dup	8																						
278132 Orig	6																						
278132 Dup	6																						
278138 Orig		< 0.3	7.30	< 3	176	< 1	< 2	8.11	< 0.3	43	101	132	7.52	18	< 1	0.20	3.02	14	1200	< 1	1.95	70	0.032
278138 Dup		< 0.3	7.38	< 3	177	< 1	< 2	7.89	< 0.3	42	85	127	7.62	20	< 1	0.19	3.02	14	1170	< 1	2.00	67	0.032
278151 Split Orig PREP DUP	6	0.3	6.38	< 3	179	< 1	< 2	6.55	0.5	43	65	106	14.4	15	< 1	0.35	2.84	10	2770	< 1	1.53	67	0.043

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278151 Split PREP DUP	< 5	< 0.3	6.42	< 3	179	< 1	< 2	6.84	0.4	45	71	103	14.2	15	< 1	0.36	2.83	10	2900	< 1	1.52	59	0.046
278152 Orig		< 0.3	6.41	< 3	182	< 1	< 2	7.64	0.5	43	93	92	14.2	16	< 1	0.31	2.83	9	2870	< 1	1.73	54	0.049
278152 Dup		0.3	6.50	< 3	184	< 1	< 2	7.83	0.5	42	66	95	14.5	16	9	0.33	2.90	9	3070	< 1	1.74	58	0.055
278153 Orig	6																						
278153 Dup	7																						
278161 Orig	7																						
278161 Dup	7																						
278168 Orig		< 0.3	6.82	< 3	248	< 1	< 2	6.07	< 0.3	45	53	102	9.79	19	< 1	0.85	1.68	13	1750	< 1	1.98	58	0.052
278168 Dup		< 0.3	7.29	< 3	262	< 1	< 2	6.61	< 0.3	49	58	108	10.4	20	< 1	0.94	1.78	14	1910	< 1	2.04	61	0.056
278172 Orig	< 5																						
278172 Dup	< 5																						
278182 Orig	< 5																						
278182 Dup	< 5																						
278183 Orig		0.5	6.93	6	146	< 1	< 2	7.72	0.5	44	37	142	15.0	13	4	0.32	3.21	16	3310	< 1	1.34	57	0.036
278183 Dup		0.3	6.64	< 3	140	< 1	< 2	7.23	0.3	41	37	128	14.5	14	< 1	0.30	3.06	16	3130	< 1	1.30	50	0.034
278192 Orig	7																						
278192 Dup	5																						
278201 Split Orig PREP DUP	< 5	0.5	6.21	< 3	199	< 1	< 2	7.12	0.5	44	25	106	13.3	15	< 1	0.61	2.84	11	2640	< 1	1.47	43	0.036
278201 Split PREP DUP	< 5	< 0.3	6.11	< 3	203	< 1	< 2	6.82	0.5	42	30	107	13.1	15	< 1	0.60	2.80	12	2570	< 1	1.54	40	0.036
278202 Orig	< 5																						
278202 Dup	< 5																						
278209 Orig		< 0.3	4.82	< 3	281	< 1	6	8.27	< 0.3	75	99	299	13.1	11	< 1	3.07	3.50	26	2150	< 1	1.20	112	0.033
278209 Dup		0.3	4.78	< 3	304	< 1	< 2	7.91	0.3	74	84	295	13.1	10	< 1	2.85	3.48	27	2050	< 1	1.23	107	0.031
278221 Orig	10																						
278221 Dup	12																						
278223 Orig		0.4	5.12	< 3	282	< 1	< 2	7.14	0.4	55	81	330	11.3	11	< 1	1.17	3.49	15	1700	< 1	1.72	126	0.030
278223 Dup		< 0.3	5.06	< 3	279	< 1	< 2	7.42	0.3	57	88	321	10.8	12	< 1	1.23	3.39	14	1790	< 1	1.62	132	0.032
278228 Orig	12																						
278228 Dup	11																						
278239 Orig	1740																						
278239 Dup	1550																						
278249 Orig		< 0.3	7.08	52	175	< 1	< 2	9.05	< 0.3	36	96	83	6.85	15	2	0.49	2.70	17	1340	< 1	2.82	130	0.022
278249 Dup		< 0.3	7.17	43	181	< 1	< 2	9.38	< 0.3	38	88	82	7.04	13	< 1	0.53	2.79	17	1400	< 1	2.87	140	0.022
278251 Split Orig PREP DUP	7	< 0.3	7.44	10	137	< 1	< 2	6.92	< 0.3	39	79	44	7.30	16	< 1	0.43	4.62	23	1020	< 1	1.73	134	0.019
278251 Split PREP DUP	7	< 0.3	7.72	14	141	< 1	< 2	7.02	< 0.3	38	88	47	7.58	14	< 1	0.44	4.75	23	1040	< 1	1.84	136	0.022
278251 Split PREP DUP		< 0.3	7.72	14	141	< 1	< 2	7.02	< 0.3	38	88	47	7.58	14	< 1	0.44	4.75	23	1040	< 1	1.84	136	0.022
278256 Orig	< 5																						
278256 Dup	5																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank		0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		6	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	0.03	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank	< 5																						
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Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
GXR-1 Meas	634	24	0.24	< 4	275	< 2	0.03	< 5	40	75	139	31	651	22	
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0	
GXR-1 Meas	691	19	0.24	< 4	294	< 2	0.03	< 5	40	83	163	35	729	25	
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0	
GXR-1 Meas	716	36	0.25	< 4	289	18	0.03	< 5	40	84	162	34	751	26	
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0	
GXR-4 Meas	47	< 5	1.68	7	195	5	0.27	< 5	< 10	71	28	13	58	32	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
GXR-4 Meas	52	< 5	1.79	7	208	11	0.29	< 5	< 10	81	32	14	66	34	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
GXR-4 Meas	61	< 5	1.78	8	214	4	0.29	< 5	< 10	86	32	15	69	42	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
SDC-1 Meas	21	< 5		15	172		0.10	< 5	< 10	29	< 5		91	21	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
SDC-1 Meas	18	< 5		16	172		0.19	< 5	< 10	52	< 5		101	39	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
SDC-1 Meas	20	< 5		16	175		0.28	< 5	< 10	62	< 5		98	33	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
GXR-6 Meas	90	< 5	0.01	24	35	< 2		7	< 10	98	< 5	11	119	43	
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
GXR-6 Meas	91	< 5	0.02	26	36	< 2		< 5	< 10	132	< 5	11	121	63	
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
Oreas 72a (4 Acid Digest) Meas			1.70												
Oreas 72a (4 Acid Digest) Cert			1.74												
Oreas 72a (4 Acid Digest) Meas			1.85												
Oreas 72a (4 Acid Digest) Cert			1.74												
Oreas 72a (4 Acid Digest) Meas			1.61												
Oreas 72a (4 Acid Digest) Cert			1.74												
DNC-1a Meas	< 3	< 5		28	126		0.28			129		15	53	28	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
DNC-1a Meas	< 3	< 5		32	137		0.32			152		18	67	33	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
DNC-1a Meas	4	< 5		31	132		0.29			145		16	61	33	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
SBC-1 Meas	24	< 5		17	168		0.51	< 5	< 10	193	< 5	26	174	86	
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0	
SBC-1 Meas	41	28		21	186		0.58	< 5	< 10	228	8	33	208	105	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0	
SBC-1 Meas	39	< 5		20	172		0.51	< 5	< 10	212	8	31	181	106	
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0	
SdAR-M2 (U.S.G.S.) Meas	727			< 4	136				< 10	17	8	26	645	65	
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259	
SdAR-M2 (U.S.G.S.) Meas	857			4	148				< 10	23	11	29	792	80	
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259	
SdAR-M2 (U.S.G.S.) Meas	832			4	144				< 10	21	7	29	771	119	
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259	
OREAS 214 Meas															3.07
OREAS 214 Cert															3.03
OREAS 216 (Fire Assay) Meas															6.77
OREAS 216 (Fire Assay) Cert															6.66
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
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OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire															

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
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OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
278010 Orig															
278010 Dup															
278013 Orig	< 3	< 5	0.09	33	228	< 2	0.28	< 5	< 10	159	< 5	25	121	47	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
278013 Dup	< 3	< 5	0.09	32	228	< 2	0.29	< 5	< 10	161	< 5	24	119	48	
278020 Orig															
278020 Dup															
278028 Orig	3	< 5	0.21	35	150	< 2	0.19	< 5	< 10	95	< 5	24	103	22	
278028 Dup	< 3	< 5	0.21	36	148	< 2	0.17	< 5	< 10	96	< 5	23	97	21	
278030 Orig															
278030 Dup															
278051 Split Orig PREP DUP	< 3	< 5	0.10	33	116	9	0.72	< 5	< 10	276	< 5	22	104	66	
278051 Split PREP DUP	4	6	0.10	39	118	< 2	0.38	< 5	< 10	235	< 5	24	99	61	
278051 Orig															
278051 Dup															
278053 Orig	4	< 5	0.10	40	121	4	0.35	< 5	< 10	223	6	26	106	61	
278053 Dup	< 3	7	0.10	41	123	< 2	0.38	5	< 10	230	< 5	27	107	63	
278057 Orig															
278057 Dup															
278068 Orig	3	6	0.11	39	179	< 2	0.50	< 5	< 10	243	< 5	27	120	74	
278068 Dup	3	7	0.11	38	175	6	0.55	< 5	< 10	239	< 5	26	113	70	
278079 Orig															
278079 Dup															
278089 Orig															
278089 Dup															
278097 Orig	< 3	< 5	0.06	29	404	< 2	0.25	< 5	< 10	166	< 5	19	123	55	
278097 Dup	8	< 5	0.06	30	410	< 2	0.27	< 5	< 10	162	< 5	19	127	51	
278099 Orig															
278099 Dup															
278101 Split Orig PREP DUP	< 3	< 5	0.12	27	373	< 2	0.47	< 5	< 10	150	< 5	16	112	40	
278101 Split PREP DUP	< 3	< 5	0.12	28	380	< 2	0.54	< 5	< 10	153	< 5	17	113	42	
278111 Orig	17	< 5	1.63	7	177	< 2	0.13	< 5	< 10	44	11	6	236	23	
278111 Dup	15	< 5	1.80	7	187	3	0.14	< 5	< 10	47	13	6	260	25	
278113 Orig															
278113 Dup															
278123 Orig															
278123 Dup															
278132 Orig															
278132 Dup															
278138 Orig	< 3	< 5	0.05	39	118	< 2	0.13	< 5	< 10	82	< 5	21	86	13	
278138 Dup	< 3	< 5	0.05	37	117	< 2	0.16	< 5	< 10	83	< 5	21	81	16	
278151 Split Orig PREP DUP	28	< 5	0.14	31	189	< 2	0.46	< 5	< 10	185	11	21	111	53	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
278151 Split PREP DUP	6	< 5	0.13	32	195	< 2	0.44	< 5	< 10	184	< 5	22	115	56	
278152 Orig	7	< 5	0.12	30	222	< 2	0.53	< 5	< 10	165	< 5	21	107	49	
278152 Dup	< 3	< 5	0.12	30	225	11	0.78	< 5	< 10	215	< 5	20	111	56	
278153 Orig															
278153 Dup															
278161 Orig															
278161 Dup															
278168 Orig	< 3	< 5	0.13	31	144	5	0.12	9	< 10	70	< 5	20	85	15	
278168 Dup	< 3	< 5	0.14	34	156	< 2	0.13	< 5	< 10	77	< 5	22	92	15	
278172 Orig															
278172 Dup															
278182 Orig															
278182 Dup															
278183 Orig	5	< 5	0.17	39	103	2	0.66	< 5	< 10	272	< 5	19	90	56	
278183 Dup	< 3	< 5	0.15	36	98	< 2	0.63	< 5	< 10	255	< 5	18	83	53	
278192 Orig															
278192 Dup															
278201 Split Orig PREP DUP	< 3	< 5	0.11	37	161	15	0.41	< 5	< 10	202	< 5	25	99	59	
278201 Split PREP DUP	4	< 5	0.11	35	158	6	0.43	< 5	< 10	191	< 5	24	98	56	
278202 Orig															
278202 Dup															
278209 Orig	7	5	1.66	25	301	< 2	0.33	< 5	< 10	161	< 5	17	132	55	
278209 Dup	7	< 5	1.66	24	293	3	0.34	< 5	< 10	156	< 5	16	125	53	
278221 Orig															
278221 Dup															
278223 Orig	< 3	< 5	0.06	25	383	< 2	0.36	< 5	< 10	125	6	16	101	42	
278223 Dup	< 3	< 5	0.06	25	388	3	0.41	< 5	< 10	124	< 5	16	103	39	
278228 Orig															
278228 Dup															
278239 Orig															
278239 Dup															
278249 Orig	< 3	< 5	0.11	26	295	< 2	0.15	< 5	< 10	77	< 5	15	56	15	
278249 Dup	< 3	< 5	0.12	27	301	3	0.19	< 5	< 10	90	< 5	16	58	19	
278251 Split Orig PREP DUP	< 3	< 5	0.01	28	147	3	0.20	< 5	< 10	106	< 5	16	45	31	
278251 Split PREP DUP	< 3	< 5	0.01	28	151	< 2	0.35	< 5	< 10	142	< 5	15	44	32	
278251 Split PREP DUP	< 3	< 5	0.01	28	151	< 2	0.35	< 5	< 10	142	< 5	15	44	32	
278256 Orig															

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-GRA
278256 Dup															
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	2	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
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Quality Analysis ... *Innovative Technologies*

Date Submitted: 19-Jul-17
Invoice No.: A17-07415
Invoice Date: 16-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh

CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-07415**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Date Submitted: 19-Jul-17
Invoice No.: A17-07415
Invoice Date: 16-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh

CERTIFICATE OF ANALYSIS

130 Core samples were submitted for analysis.

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

REPORT **A17-07415**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
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E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278259	< 5	< 0.3	6.30	< 3	30	< 1	< 2	7.50	0.4	44	22	64	14.9	14	4	0.22	2.85	16	2830	< 1	0.91	49	0.035
278260	< 5																						
278261	< 5	0.3	6.88	< 3	324	< 1	2	7.83	0.7	47	29	95	14.1	16	< 1	0.70	2.81	19	2730	< 1	0.91	52	0.043
278262	< 5	< 0.3	6.84	< 3	363	< 1	< 2	7.62	0.7	46	24	135	13.2	18	< 1	1.03	2.98	19	2490	< 1	0.74	46	0.047
278263	< 5	< 0.3	7.07	< 3	182	< 1	< 2	6.55	0.5	45	25	104	12.8	17	< 1	0.60	3.09	19	2120	< 1	1.08	44	0.039
278264	< 5	< 0.3	7.43	7	82	< 1	< 2	7.73	0.4	46	24	59	14.9	16	2	0.28	3.28	18	2430	< 1	0.94	44	0.052
278265	< 5	< 0.3	6.19	< 3	206	< 1	< 2	7.31	0.4	38	21	105	11.8	16	< 1	0.54	2.68	20	1990	< 1	0.81	37	0.036
278266	< 5	< 0.3	5.88	< 3	283	< 1	< 2	6.24	0.3	41	28	113	12.2	15	< 1	0.76	2.53	20	2050	< 1	0.63	39	0.040
278267	< 5	< 0.3	6.11	< 3	270	< 1	< 2	6.35	0.3	39	37	79	11.3	16	< 1	0.81	2.62	22	1750	< 1	0.52	37	0.033
278268	< 5	< 0.3	7.02	< 3	293	< 1	4	6.61	< 0.3	47	26	65	11.8	18	< 1	1.10	2.76	27	1950	< 1	0.50	42	0.043
278269	< 5	< 0.3	6.11	< 3	104	< 1	2	8.87	0.5	41	24	35	11.5	15	< 1	0.35	2.68	14	2320	< 1	0.47	42	0.040
278270	< 5	< 0.3	6.06	< 3	50	< 1	< 2	8.62	0.4	39	27	30	11.5	14	< 1	0.29	2.65	14	2190	< 1	0.49	39	0.035
278271	< 5	< 0.3	6.63	< 3	91	< 1	< 2	6.09	< 0.3	42	28	91	14.2	15	< 1	0.38	3.13	18	2180	< 1	0.53	40	0.037
278272	7	< 0.3	6.20	< 3	198	< 1	4	4.19	0.4	44	27	125	12.0	14	< 1	0.74	2.77	24	1660	< 1	0.36	41	0.036
278273	6	< 0.3	6.56	9	268	< 1	< 2	5.96	0.3	42	24	137	11.4	16	< 1	0.93	2.57	23	1760	< 1	0.57	39	0.042
278274	7	< 0.3	5.72	10	154	< 1	< 2	7.25	0.6	42	44	186	12.2	13	< 1	0.53	2.72	20	1980	< 1	0.55	73	0.039
278275	10	< 0.3	5.25	33	92	< 1	< 2	7.61	< 0.3	60	133	326	12.1	11	< 1	0.29	2.96	15	2040	< 1	0.41	144	0.036
278276	20	0.4	5.63	4	159	< 1	3	2.54	1.1	35	58	246	12.5	14	< 1	0.62	1.68	16	1350	2	1.52	65	0.040
278277	15	0.3	6.19	5	123	< 1	< 2	4.78	0.6	37	31	171	13.3	14	< 1	0.49	2.80	19	1900	< 1	0.84	47	0.034
278278	9	0.4	5.37	< 3	119	< 1	< 2	8.68	0.6	39	63	229	14.7	9	< 1	0.43	2.73	15	3470	< 1	0.52	74	0.032
278279	19	< 0.3	4.92	25	247	< 1	< 2	7.27	0.4	52	123	435	9.80	12	< 1	0.61	2.22	17	1640	< 1	1.02	127	0.034
278280	1050																						
278281	47	< 0.3	5.95	27	401	< 1	< 2	5.86	0.5	45	85	198	8.69	15	< 1	0.91	1.82	16	1430	< 1	1.88	74	0.043
278282	5	< 0.3	6.28	4	513	< 1	< 2	5.85	0.5	37	43	175	11.6	16	< 1	1.35	2.03	22	1510	< 1	1.54	42	0.043
278283	< 5	< 0.3	6.06	13	468	< 1	< 2	6.82	< 0.3	35	24	79	9.15	16	< 1	1.17	2.02	19	1450	< 1	1.83	35	0.042
278284	< 5	< 0.3	6.41	< 3	785	2	< 2	4.86	< 0.3	16	47	11	5.56	17	< 1	1.78	2.20	29	946	< 1	2.23	14	0.093
278285	< 5	< 0.3	7.29	14	813	2	< 2	4.38	< 0.3	19	50	45	6.17	21	2	1.92	2.58	31	956	< 1	2.56	16	0.087
278286	< 5	< 0.3	5.81	< 3	271	< 1	< 2	6.54	0.5	39	22	92	11.1	16	< 1	0.50	2.78	16	1810	< 1	1.48	37	0.041
278287	6	< 0.3	5.92	< 3	166	< 1	< 2	6.69	< 0.3	37	301	89	10.6	14	< 1	0.45	3.29	17	1910	< 1	1.30	71	0.050
278288	13	0.3	6.08	< 3	38	< 1	5	6.36	< 0.3	39	23	108	13.3	15	< 1	0.11	2.73	14	2190	< 1	1.16	36	0.031
278289	6	< 0.3	6.11	< 3	71	< 1	< 2	8.12	0.3	41	25	108	13.3	15	< 1	0.19	2.56	14	2490	< 1	1.10	39	0.041
278290	8	< 0.3	6.44	< 3	239	< 1	5	8.22	0.4	43	20	103	12.6	15	< 1	0.64	2.55	16	2570	< 1	1.14	39	0.043
278291	641	< 0.3	6.56	15	313	< 1	2	7.16	0.4	38	22	107	12.6	13	< 1	0.75	2.67	17	2220	< 1	1.51	36	0.043
278292	161	0.5	6.52	14	79	< 1	< 2	6.60	0.5	45	92	151	14.2	15	< 1	0.30	3.40	13	2110	< 1	1.50	68	0.050
278293	194	0.4	7.55	23	15	< 1	< 2	6.46	0.6	51	122	118	19.7	17	2	0.10	4.18	19	2360	1	0.95	108	0.055
278294	4260	0.6	4.42	120	44	< 1	3	10.5	0.4	23	45	269	12.1	12	< 1	0.08	2.48	8	2280	< 1	1.46	49	0.039
278295	2280	0.6	2.26	391	63	< 1	< 2	3.33	< 0.3	18	29	253	7.28	7	< 1	0.09	1.12	5	928	< 1	0.91	34	0.020
278296	2780	0.4	3.31	455	83	< 1	< 2	10.1	0.4	24	74	142	8.61	11	< 1	0.13	2.04	6	2120	< 1	1.79	55	0.029
278297	266	< 0.3	5.23	49	71	< 1	3	9.31	< 0.3	58	163	65	12.5	14	4	0.10	3.22	10	2280	< 1	1.80	140	0.031
278298	1970	< 0.3	4.92	22	139	< 1	< 2	9.94	< 0.3	51	139	78	11.6	13	< 1	0.19	2.87	10	2200	< 1	1.68	126	0.026
278299	1270	< 0.3	5.41	19	62	< 1	< 2	9.35	< 0.3	55	123	104	11.3	14	< 1	0.14	2.95	11	1960	< 1	2.39	130	0.031
278300	384	0.3	5.47	12	71	< 1	< 2	10.0	< 0.3	53	114	117	11.7	15	< 1	0.14	3.08	11	2240	< 1	2.36	137	0.032

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278301	784	0.3	5.80	35	130	< 1	< 2	7.19	< 0.3	62	117	128	11.2	13	< 1	0.23	2.89	11	1750	< 1	2.79	143	0.027
278302	560	0.4	5.74	33	53	< 1	< 2	8.63	< 0.3	54	112	117	11.1	14	< 1	0.10	3.03	9	1940	< 1	2.89	132	0.029
278303	645	0.4	4.77	135	45	< 1	< 2	8.20	0.5	52	107	213	10.6	13	< 1	0.09	2.83	7	1770	< 1	2.64	114	0.028
278304	476	< 0.3	4.61	5	44	< 1	< 2	10.7	< 0.3	39	88	148	8.33	14	< 1	0.08	2.29	5	1740	< 1	3.04	84	0.035
278305	1630	0.3	4.39	14	80	< 1	< 2	9.05	0.3	38	98	133	9.95	14	< 1	0.12	2.54	7	1930	< 1	2.47	82	0.021
278306	819	< 0.3	6.07	85	166	< 1	< 2	10.2	< 0.3	59	130	86	10.9	19	< 1	0.36	2.98	12	2280	< 1	2.48	126	0.034
278307	2180	0.4	2.91	1550	43	< 1	< 2	6.54	0.4	34	62	134	6.58	9	< 1	0.16	1.84	6	1600	< 1	1.77	51	0.028
278308	4740	0.4	4.06	2010	46	< 1	< 2	5.56	0.5	33	59	223	6.91	13	1	0.16	1.59	3	1500	< 1	2.99	50	0.029
278309	7960	0.6	2.85	483	64	< 1	4	3.52	1.1	22	38	247	7.56	14	< 1	0.30	1.44	6	1070	< 1	1.53	45	0.027
278310	8790																						
278311	3550	0.5	2.57	1680	97	< 1	< 2	9.23	0.7	34	40	289	10.8	12	< 1	0.33	2.25	7	2300	< 1	1.28	62	0.074
278312	836	0.3	2.55	2040	69	< 1	< 2	8.83	1.9	43	31	318	12.2	9	< 1	0.22	1.58	5	1930	< 1	1.61	83	0.049
278313	2160	0.6	3.58	1690	106	< 1	< 2	7.73	1.7	29	73	209	7.56	11	< 1	0.38	1.74	7	1470	< 1	2.25	48	0.025
278314	195	< 0.3	0.47	28	20	< 1	< 2	6.67	1.3	4	19	31	1.57	2	< 1	0.04	0.39	1	885	3	0.34	12	0.005
278315	1830	1.0	0.73	1560	31	< 1	< 2	3.02	0.5	13	18	78	3.46	3	< 1	0.08	0.44	2	679	2	0.52	23	0.007
278316	2200	< 0.3	1.40	1080	67	< 1	< 2	7.70	0.8	6	30	163	4.77	5	< 1	0.11	0.77	3	1280	1	0.99	26	0.016
278317	3380	< 0.3	4.57	687	51	< 1	< 2	6.22	< 0.3	23	134	85	6.26	13	< 1	0.07	1.56	3	1730	< 1	3.37	90	0.020
278318	687	< 0.3	4.48	917	77	< 1	< 2	13.1	< 0.3	24	94	41	3.82	11	< 1	0.11	1.22	3	2230	< 1	3.30	104	0.022
278319	1140	0.3	2.53	1610	69	< 1	< 2	10.2	< 0.3	16	69	228	8.77	9	< 1	0.12	1.93	4	3230	< 1	1.79	79	0.010
278320	< 5																						
278321	894	0.4	1.76	144	16	< 1	< 2	3.67	0.7	8	47	98	4.14	5	< 1	0.03	1.17	3	1960	< 1	1.44	42	0.011
278322	7560	1.3	1.88	4090	110	< 1	< 2	5.81	1.3	28	30	473	13.3	8	< 1	0.30	1.89	6	3250	< 1	1.23	81	0.008
278323	877	0.3	6.54	616	102	< 1	< 2	4.51	0.7	34	133	77	6.02	15	< 1	0.17	2.52	11	982	< 1	3.15	122	0.026
278324	59	< 0.3	7.66	303	108	< 1	< 2	7.42	0.3	36	119	73	6.18	17	< 1	0.18	3.01	11	992	< 1	3.56	149	0.022
278325	14	< 0.3	7.13	13	205	< 1	< 2	6.72	< 0.3	38	168	33	5.87	16	2	0.37	3.65	16	1010	< 1	3.08	119	0.024
278326	12	< 0.3	4.59	47	190	< 1	< 2	5.92	< 0.3	36	213	32	5.40	15	< 1	0.32	3.23	15	1130	< 1	2.49	115	0.026
278327	29	< 0.3	7.10	20	195	< 1	< 2	5.22	< 0.3	35	230	95	7.04	17	3	0.45	4.70	22	1070	< 1	2.16	106	0.025
278328	193	< 0.3	7.53	7	209	< 1	< 2	5.56	0.3	40	182	72	7.09	18	< 1	0.65	4.33	21	836	< 1	2.76	110	0.023
278329	14	0.5	7.47	< 3	305	< 1	< 2	6.70	< 0.3	40	286	83	7.20	17	< 1	0.88	4.56	27	971	< 1	2.49	135	0.045
278330	20	< 0.3	7.69	4	287	< 1	< 2	6.76	< 0.3	41	301	91	7.31	17	< 1	0.85	4.61	25	982	< 1	2.57	139	0.045
278331	12	< 0.3	7.43	< 3	259	< 1	< 2	6.70	< 0.3	41	298	84	7.23	17	< 1	0.66	4.96	20	1000	< 1	2.35	153	0.050
278332	8	< 0.3	8.02	11	64	< 1	< 2	7.57	< 0.3	42	115	95	7.74	17	< 1	0.15	4.23	14	1000	< 1	2.44	125	0.027
278333	7	< 0.3	6.59	4	340	< 1	< 2	7.11	< 0.3	33	286	141	5.63	17	< 1	0.44	4.18	17	953	< 1	2.70	103	0.062
278334	5	< 0.3	6.13	< 3	378	< 1	< 2	6.87	< 0.3	43	413	104	6.32	16	< 1	0.56	6.25	16	1030	< 1	2.29	201	0.060
278335	< 5	< 0.3	6.06	7	311	< 1	< 2	6.76	< 0.3	45	781	66	6.35	15	< 1	0.65	6.88	19	1080	< 1	2.05	248	0.059
278336	< 5	< 0.3	3.25	3	166	< 1	< 2	6.04	< 0.3	42	898	32	5.61	13	< 1	0.46	5.46	16	1040	< 1	1.82	236	0.052
278337	5	< 0.3	8.03	5	215	< 1	< 2	6.64	< 0.3	39	411	91	6.37	17	< 1	0.30	4.78	17	879	< 1	2.48	156	0.034
278338	9	< 0.3	8.97	< 3	333	< 1	< 2	7.06	< 0.3	42	223	66	7.08	17	< 1	0.55	4.71	25	907	< 1	2.34	164	0.022
278339	8	< 0.3	9.03	< 3	122	< 1	< 2	6.39	< 0.3	43	151	56	7.30	18	< 1	0.26	4.71	21	947	< 1	2.43	153	0.023
278340	1060																						
278341	8	< 0.3	8.42	5	381	< 1	< 2	7.59	< 0.3	40	121	77	6.79	17	< 1	0.59	4.17	27	971	< 1	2.18	127	0.021
278342	8	< 0.3	7.96	< 3	225	< 1	< 2	7.66	< 0.3	40	112	79	7.35	16	< 1	0.31	4.26	21	1110	< 1	1.77	107	0.022

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278343	9	< 0.3	7.23	< 3	203	< 1	< 2	7.55	< 0.3	39	132	90	7.98	17	< 1	0.27	3.93	21	1180	< 1	1.58	73	0.026
278344	5	< 0.3	7.40	< 3	42	< 1	< 2	7.72	< 0.3	38	119	77	8.19	16	< 1	0.10	4.06	16	1170	< 1	1.59	74	0.028
278345	6	< 0.3	7.93	< 3	39	< 1	< 2	7.20	< 0.3	44	127	99	8.43	18	< 1	0.10	4.79	18	1090	< 1	1.81	101	0.029
278346	6	< 0.3	7.76	5	86	< 1	< 2	7.22	< 0.3	41	144	125	7.62	19	< 1	0.14	4.32	15	1040	< 1	1.98	92	0.033
278347	8	< 0.3	7.65	< 3	253	< 1	< 2	6.77	< 0.3	41	187	142	7.79	17	< 1	0.47	4.09	22	1090	< 1	2.06	86	0.025
278348	7	< 0.3	8.00	< 3	488	1	< 2	6.50	< 0.3	42	180	82	7.84	18	< 1	0.91	4.43	29	1140	< 1	2.23	95	0.051
278349	9	< 0.3	7.75	6	187	< 1	< 2	7.68	< 0.3	42	145	65	7.18	18	< 1	0.40	4.18	19	1150	< 1	2.33	112	0.023
278350	< 5																						
278351	14	< 0.3	8.31	9	137	< 1	< 2	6.53	< 0.3	44	153	102	7.38	19	< 1	0.31	4.44	20	957	< 1	2.64	124	0.029
278352	9	< 0.3	7.54	< 3	153	< 1	< 2	6.83	< 0.3	40	106	79	6.70	17	< 1	0.32	4.03	17	920	< 1	2.41	107	0.027
278353	10	< 0.3	8.13	< 3	386	< 1	< 2	7.38	< 0.3	43	118	63	6.82	19	< 1	0.46	4.08	21	968	< 1	2.36	123	0.028
278354	8	0.3	8.05	23	206	< 1	< 2	7.60	< 0.3	42	125	98	7.25	17	< 1	0.25	4.11	16	1090	< 1	2.05	126	0.027
278355	9	< 0.3	7.75	23	186	< 1	< 2	8.58	< 0.3	40	103	38	6.73	17	< 1	0.38	4.22	21	1060	< 1	1.75	136	0.023
278356	6	< 0.3	8.50	51	274	< 1	< 2	7.50	< 0.3	44	145	49	7.25	17	< 1	0.55	4.44	22	910	< 1	1.82	160	0.024
278357	9	< 0.3	4.58	93	233	< 1	< 2	7.81	< 0.3	36	222	36	5.59	15	< 1	0.33	2.69	14	949	< 1	1.63	144	0.022
278358	1110	0.3	6.36	851	87	< 1	< 2	8.80	0.5	42	217	51	7.97	15	< 1	0.44	2.77	16	1620	< 1	2.24	149	0.032
278359	615	2.8	1.32	545	17	< 1	< 2	1.19	2.9	9	22	44	2.92	4	< 1	0.09	0.37	4	312	2	0.68	26	0.009
278360	567	5.7	1.12	734	18	< 1	< 2	0.69	4.8	6	20	77	2.77	3	< 1	0.13	0.31	5	234	2	0.57	23	0.009
278361	2190	0.5	2.48	> 5000	94	< 1	< 2	5.95	< 0.3	53	36	141	6.92	8	< 1	0.22	1.12	7	1220	< 1	1.18	39	0.028
278362	6980	0.9	4.71	4780	153	< 1	< 2	10.8	< 0.3	40	45	232	10.4	16	< 1	0.54	2.34	12	2330	3	2.05	48	0.054
278363	6500	1.2	2.91	3970	51	< 1	< 2	15.1	< 0.3	42	30	287	11.7	11	< 1	0.15	1.46	5	2800	< 1	1.44	63	0.049
278364	4410	0.6	7.44	40	547	2	< 2	5.23	< 0.3	24	98	91	6.44	20	< 1	1.35	3.15	22	1080	< 1	2.87	30	0.095
278365	6380	0.8	2.57	3150	39	< 1	< 2	11.3	< 0.3	62	26	471	11.9	8	< 1	0.11	1.46	7	2140	< 1	0.95	77	0.023
278366	1780	< 0.3	4.07	384	103	< 1	2	14.0	0.7	25	590	48	5.68	13	< 1	0.27	3.15	13	1910	< 1	1.47	102	0.047
278367	7450	1.0	1.13	3940	37	< 1	< 2	4.97	< 0.3	13	39	88	3.98	4	1	0.09	0.63	3	944	< 1	0.74	33	0.017
278368	9210	0.9	1.51	> 5000	58	< 1	6	15.0	< 0.3	58	29	304	10.4	7	< 1	0.12	1.00	5	2430	< 1	0.96	67	0.013
278369	4480	0.5	0.66	1370	24	< 1	< 2	2.98	0.4	17	15	778	8.32	5	< 1	0.06	0.56	4	1090	< 1	0.28	59	0.012
278370	8870																						
278371	1110	0.5	0.49	94	20	< 1	< 2	0.98	0.7	4	14	79	2.61	2	< 1	0.05	0.26	2	507	< 1	0.32	17	0.003
278372	54	< 0.3	0.17	427	< 7	< 1	< 2	0.45	< 0.3	< 1	7	7	0.53	< 1	< 1	< 0.01	0.05	< 1	145	1	0.14	4	0.009
278373	> 10000	1.4	0.29	3010	< 7	< 1	< 2	0.64	< 0.3	2	13	10	0.85	< 1	3	0.02	0.06	1	148	2	0.23	4	0.003
278374	437	< 0.3	0.58	273	10	< 1	< 2	1.14	< 0.3	3	14	24	1.08	2	< 1	0.03	0.18	2	251	< 1	0.42	9	0.003
278375	102	< 0.3	0.15	293	< 7	< 1	< 2	2.38	< 0.3	1	8	5	0.61	1	< 1	0.02	0.19	2	373	< 1	0.10	5	< 0.001
278376	1330	< 0.3	2.73	> 5000	83	< 1	< 2	5.73	1.0	30	68	72	4.11	9	2	0.19	1.27	6	1020	< 1	1.62	55	0.025
278377	217	0.3	4.04	614	83	< 1	< 2	9.66	0.4	56	230	251	9.32	13	< 1	0.22	3.33	7	1770	< 1	1.76	154	0.036
278378	104	0.5	5.73	142	90	< 1	< 2	9.63	0.4	56	144	261	9.76	15	< 1	0.30	3.22	10	2130	< 1	1.76	133	0.056
278379	493	< 0.3	6.57	105	409	2	< 2	7.89	0.8	44	114	130	8.74	17	< 1	1.10	3.09	22	1750	< 1	2.29	101	0.097
278380	< 5																						
278381	27	< 0.3	6.28	142	24	< 1	< 2	9.68	0.6	62	129	236	11.7	16	< 1	0.12	3.39	11	2190	< 1	1.57	153	0.040
278382	2390	0.8	5.25	740	52	< 1	< 2	9.74	0.9	56	70	197	10.4	12	< 1	0.16	2.87	9	2050	< 1	1.71	97	0.044
278383	2160	0.5	6.14	86	268	< 1	< 2	8.86	2.3	45	70	223	10.6	18	< 1	0.55	1.89	14	1320	< 1	2.53	76	0.042
278384	10	< 0.3	6.67	13	137	< 1	< 2	8.01	0.3	48	28	124	10.7	19	< 1	0.31	2.32	11	1680	< 1	2.04	53	0.044

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278385	< 5	< 0.3	6.97	5	429	< 1	< 2	6.89	< 0.3	41	30	103	11.5	20	< 1	0.82	2.38	20	1930	< 1	1.54	46	0.044
278386	5	< 0.3	6.69	8	154	< 1	< 2	8.68	0.8	48	32	127	12.7	20	3	0.40	2.61	15	2400	< 1	1.10	52	0.044
278387	< 5	< 0.3	6.62	10	66	< 1	< 2	7.54	< 0.3	53	51	164	11.6	19	< 1	0.22	2.46	14	2040	< 1	1.46	65	0.045
278388	9	< 0.3	6.84	< 3	53	< 1	< 2	7.50	< 0.3	48	29	100	11.8	18	< 1	0.17	2.75	11	2200	< 1	1.52	46	0.040

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278259	< 3	< 5	0.13	35	184	< 2	0.36	< 5	< 10	207	< 5	24	114	60	2.49	
278260															0.918	
278261	< 3	< 5	0.15	40	170	< 2	0.36	< 5	< 10	184	< 5	26	139	43	3.61	
278262	7	< 5	0.22	39	116	< 2	0.42	< 5	< 10	174	< 5	26	145	35	3.57	
278263	< 3	< 5	0.03	37	173	< 2	0.34	< 5	< 10	135	< 5	24	131	43	3.65	
278264	5	< 5	0.07	35	199	< 2	0.69	< 5	< 10	238	< 5	23	157	51	3.76	
278265	< 3	6	0.07	34	143	< 2	0.39	< 5	< 10	179	< 5	22	103	43	3.94	
278266	< 3	< 5	0.14	33	110	< 2	0.36	< 5	< 10	196	< 5	22	109	50	3.72	
278267	< 3	< 5	0.07	33	124	5	0.23	< 5	< 10	169	< 5	22	105	46	3.77	
278268	4	< 5	0.07	39	142	< 2	0.25	< 5	< 10	154	< 5	26	108	38	1.42	
278269	6	< 5	0.07	37	105	< 2	0.25	< 5	< 10	146	< 5	26	103	32	0.534	
278270	7	10	0.05	33	105	6	0.27	< 5	< 10	140	7	23	101	35	0.504	
278271	< 3	< 5	0.07	36	79	< 2	0.33	< 5	< 10	163	< 5	24	136	43	1.26	
278272	< 3	< 5	0.03	36	63	< 2	0.35	< 5	< 10	171	< 5	22	129	44	2.44	
278273	< 3	< 5	0.08	33	90	< 2	0.31	< 5	< 10	118	< 5	19	118	26	3.50	
278274	< 3	< 5	0.26	26	99	< 2	0.40	< 5	< 10	138	< 5	17	106	29	3.57	
278275	< 3	< 5	0.22	26	116	< 2	0.25	< 5	< 10	97	< 5	15	132	19	3.26	
278276	10	< 5	3.82	15	117	< 2	0.32	< 5	< 10	97	9	12	576	83	2.15	
278277	6	< 5	0.72	31	89	< 2	0.39	< 5	< 10	187	< 5	19	262	63	1.83	
278278	6	< 5	0.68	25	106	< 2	0.47	< 5	< 10	167	< 5	20	142	51	3.80	
278279	8	< 5	1.04	23	144	< 2	0.32	< 5	< 10	107	< 5	13	112	28	3.53	
278280																
278281	< 3	< 5	0.72	29	170	< 2	0.39	< 5	< 10	117	< 5	16	122	29	3.42	
278282	< 3	< 5	0.66	29	171	< 2	0.55	< 5	< 10	183	< 5	20	118	62	2.19	
278283	< 3	< 5	0.13	33	262	< 2	0.31	< 5	< 10	120	< 5	19	96	34	1.83	
278284	< 3	< 5	< 0.01	18	459	6	0.29	< 5	< 10	98	< 5	32	80	84	1.64	
278285	3	< 5	0.02	19	447	< 2	0.22	< 5	< 10	82	< 5	31	77	73	2.31	
278286	< 3	< 5	0.09	32	186	< 2	0.39	< 5	< 10	182	< 5	22	106	52	3.64	
278287	< 3	< 5	0.11	31	161	11	0.26	< 5	< 10	152	< 5	22	83	52	3.37	
278288	< 3	< 5	0.08	33	138	< 2	0.31	< 5	< 10	187	< 5	26	92	58	3.84	
278289	< 3	< 5	0.23	35	172	< 2	0.34	< 5	< 10	160	< 5	30	115	32	3.59	
278290	< 3	< 5	0.07	37	152	9	0.37	< 5	< 10	193	< 5	30	111	55	3.45	
278291	< 3	< 5	0.20	33	173	5	0.33	< 5	< 10	133	< 5	23	112	27	3.57	
278292	4	< 5	0.71	28	260	< 2	0.72	< 5	< 10	206	10	18	145	78	3.66	
278293	< 3	< 5	0.87	28	178	< 2	0.82	< 5	< 10	234	10	14	319	80	1.82	
278294	8	< 5	3.25	16	535	< 2	0.30	< 5	< 10	119	6	18	177	50	1.19	
278295	5	< 5	2.43	8	168	< 2	0.16	< 5	< 10	86	6	8	122	50	1.25	
278296	4	< 5	1.57	18	608	2	0.41	< 5	< 10	110	6	16	112	40	1.15	
278297	4	< 5	0.48	29	607	< 2	0.30	< 5	< 10	149	< 5	14	145	41	1.69	
278298	7	< 5	0.54	24	675	< 2	0.33	< 5	< 10	153	< 5	15	129	45	0.586	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278299	8	< 5	0.91	27	662	< 2	0.33	< 5	< 10	151	< 5	15	126	48	1.36	
278300	3	< 5	0.92	29	719	< 2	0.36	< 5	< 10	164	< 5	16	129	52	0.548	
278301	4	< 5	0.62	28	689	< 2	0.38	< 5	< 10	119	< 5	15	117	40	1.20	
278302	4	< 5	0.64	26	662	< 2	0.41	< 5	< 10	144	< 5	14	105	42	1.32	
278303	6	< 5	1.29	23	696	< 2	0.34	< 5	< 10	137	< 5	14	107	45	1.17	
278304	7	< 5	0.94	19	819	2	0.34	< 5	< 10	120	< 5	12	87	39	502	
278305	9	13	1.74	20	784	14	0.31	< 5	< 10	124	< 5	13	93	42	1.19	
278306	13	< 5	1.27	28	747	< 2	0.36	< 5	< 10	149	< 5	16	138	59	1.41	
278307	12	< 5	0.79	13	349	9	0.29	< 5	< 10	104	16	10	155	52	1.11	
278308	10	< 5	1.21	10	352	5	0.22	< 5	< 10	74	16	9	130	72	1.10	
278309	11	< 5	1.83	10	317	5	0.15	< 5	< 10	100	8	8	278	64	1.24	
278310																
278311	16	< 5	2.31	12	535	2	0.15	< 5	< 10	126	10	12	264	59	1.16	
278312	19	< 5	2.91	9	485	6	0.11	< 5	< 10	64	9	11	286	48	1.26	
278313	17	< 5	1.23	12	400	5	0.30	< 5	< 10	95	18	9	303	60	1.11	
278314	91	< 5	0.26	4	447	< 2	0.02	< 5	< 10	10	< 5	7	191	7	298	
278315	36	< 5	1.01	< 4	128	14	0.03	< 5	< 10	16	< 5	3	84	14	1.20	
278316	23	< 5	1.21	6	314	< 2	0.06	< 5	< 10	39	6	7	97	18	1.12	
278317	13	< 5	0.97	18	262	8	0.26	< 5	< 10	108	12	9	118	33	1.19	
278318	17	< 5	0.32	19	695	7	0.24	< 5	< 10	87	19	11	48	27	1.15	
278319	53	< 5	1.88	12	395	8	0.15	< 5	< 10	69	10	7	89	29	1.16	
278320															0.904	
278321	75	< 5	0.94	5	128	11	0.08	< 5	< 10	23	< 5	4	101	14	1.14	
278322	52	< 5	4.93	7	216	23	0.09	< 5	< 10	50	6	8	152	41	0.988	
278323	42	< 5	1.09	25	324	2	0.37	< 5	< 10	154	12	14	153	52	1.16	
278324	5	< 5	0.23	31	380	11	0.34	< 5	< 10	147	< 5	17	59	37	1.14	
278325	< 3	< 5	0.43	31	347	3	0.27	< 5	< 10	125	< 5	17	84	36	2.20	
278326	6	< 5	0.02	9	261	9	0.49	< 5	< 10	200	< 5	14	59	51	2.24	
278327	< 3	< 5	0.15	33	217	7	0.49	< 5	< 10	208	10	18	58	52	2.22	
278328	6	< 5	0.06	34	240	8	0.26	< 5	< 10	126	< 5	19	67	38	2.32	
278329	< 3	< 5	0.08	31	258	10	0.45	< 5	< 10	187	< 5	18	68	66	1.14	
278330	< 3	< 5	0.07	32	263	17	0.47	< 5	< 10	194	6	18	62	66	1.01	
278331	< 3	< 5	0.04	32	226	2	0.43	< 5	< 10	184	< 5	19	49	68	2.25	
278332	4	< 5	0.04	32	212	< 2	0.46	< 5	< 10	194	< 5	18	41	44	2.35	
278333	< 3	< 5	0.38	27	423	< 2	0.32	< 5	< 10	153	< 5	11	47	69	1.65	
278334	< 3	< 5	0.18	32	308	2	0.34	< 5	< 10	169	< 5	11	67	64	2.36	
278335	< 3	< 5	0.06	32	222	7	0.30	< 5	< 10	156	< 5	10	74	66	3.63	
278336	8	< 5	0.02	10	203	6	0.28	< 5	< 10	142	6	7	57	61	3.36	
278337	4	< 5	0.09	27	399	5	0.32	< 5	< 10	141	< 5	13	55	37	3.38	
278338	< 3	< 5	0.02	28	304	11	0.40	< 5	< 10	168	< 5	14	59	38	3.58	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278339	< 3	< 5	0.01	30	265	10	0.39	< 5	< 10	176	< 5	15	65	33	3.52	
278340																
278341	< 3	< 5	0.02	29	204	9	0.32	< 5	< 10	148	< 5	15	55	33	3.26	
278342	< 3	< 5	0.02	32	132	5	0.40	< 5	< 10	182	< 5	17	57	30	3.57	
278343	< 3	< 5	0.02	39	113	7	0.43	< 5	< 10	196	< 5	19	70	34	3.47	
278344	< 3	< 5	0.05	36	127	4	0.51	< 5	< 10	217	< 5	19	58	33	3.64	
278345	< 3	< 5	0.05	36	136	7	0.54	< 5	< 10	230	< 5	19	55	36	3.59	
278346	< 3	< 5	0.07	37	155	10	0.44	< 5	< 10	185	< 5	21	48	39	3.38	
278347	< 3	< 5	0.08	37	170	< 2	0.30	< 5	< 10	139	< 5	21	57	28	3.40	
278348	< 3	< 5	0.04	36	202	3	0.34	< 5	< 10	153	< 5	21	61	47	3.47	
278349	< 3	< 5	0.02	36	156	3	0.30	< 5	< 10	154	< 5	20	47	41	3.28	
278350															0.720	
278351	< 3	< 5	0.02	36	163	4	0.47	< 5	< 10	205	< 5	20	45	47	3.47	
278352	< 3	< 5	0.05	34	182	3	0.42	< 5	< 10	187	< 5	19	48	42	3.30	
278353	< 3	< 5	0.03	35	197	< 2	0.43	< 5	< 10	194	< 5	19	57	46	3.34	
278354	< 3	< 5	0.07	34	184	10	0.48	< 5	< 10	205	< 5	19	59	42	3.57	
278355	4	< 5	0.03	31	177	< 2	0.39	< 5	< 10	173	< 5	18	49	38	3.42	
278356	< 3	< 5	0.03	33	175	9	0.45	< 5	< 10	190	< 5	17	47	39	3.14	
278357	4	< 5	0.02	13	163	< 2	0.43	< 5	< 10	185	7	12	46	40	2.29	
278358	15	< 5	0.95	26	362	2	0.44	< 5	< 10	171	9	15	191	53	1.17	
278359	28	< 5	1.48	< 4	64	6	0.08	< 5	< 10	22	< 5	4	237	27	0.610	
278360	31	< 5	1.54	< 4	51	8	0.05	< 5	< 10	16	< 5	3	268	29	0.494	
278361	32	< 5	1.87	7	313	14	0.13	< 5	< 10	42	9	8	153	38	0.942	
278362	23	< 5	2.06	13	538	10	0.20	< 5	< 10	87	12	15	235	79	1.18	
278363	22	< 5	3.44	10	648	5	0.11	< 5	< 10	55	9	15	120	36	1.48	
278364	18	< 5	0.42	23	793	< 2	0.44	< 5	< 10	155	7	37	130	130	1.95	
278365	17	< 5	3.06	9	425	< 2	0.12	< 5	< 10	72	< 5	14	78	43	0.780	
278366	13	< 5	0.63	16	902	12	0.19	< 5	< 10	89	17	12	99	63	1.24	
278367	45	< 5	1.04	6	373	27	0.11	< 5	< 10	32	8	6	63	19	1.04	
278368	17	< 5	3.09	5	278	22	0.08	< 5	< 10	37	5	9	60	15	0.946	
278369	13	< 5	4.10	< 4	82	9	0.03	< 5	< 10	28	< 5	4	91	14	1.12	
278370																
278371	51	< 5	0.98	< 4	54	11	0.02	< 5	< 10	11	< 5	2	117	10	0.984	
278372	6	< 5	0.10	< 4	23	3	< 0.01	< 5	< 10	3	< 5	< 1	11	< 5	1.13	
278373	31	< 5	0.28	< 4	41	26	0.01	< 5	< 10	3	< 5	< 1	23	< 5	0.966	16.4
278374	11	< 5	0.27	< 4	53	8	0.02	< 5	< 10	6	< 5	1	84	9	1.24	
278375	6	< 5	0.08	< 4	19	< 2	< 0.01	< 5	< 10	6	< 5	2	10	< 5	1.01	
278376	13	< 5	0.82	12	256	10	0.26	< 5	< 10	77	22	8	230	40	0.998	
278377	11	< 5	0.46	23	350	4	0.62	< 5	< 10	196	22	13	127	53	2.29	
278378	6	< 5	0.27	26	416	4	0.58	< 5	< 10	177	8	17	129	60	2.30	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	g/tonne
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-GRA
278379	6	< 5	0.68	23	599	< 2	0.39	< 5	< 10	128	< 5	19	199	76	3.15	
278380															0.580	
278381	6	< 5	0.40	29	369	3	0.42	< 5	< 10	133	< 5	16	171	45	3.41	
278382	5	< 5	1.12	27	358	5	0.33	< 5	< 10	116	< 5	19	196	41	3.47	
278383	14	< 5	2.04	29	214	< 2	0.34	< 5	< 10	170	13	20	864	77	3.53	
278384	6	< 5	0.46	37	144	3	0.43	< 5	< 10	153	< 5	24	218	50	3.32	
278385	< 3	< 5	0.17	37	154	5	0.37	< 5	< 10	148	< 5	25	152	54	3.47	
278386	6	< 5	0.22	38	130	5	0.49	< 5	< 10	188	< 5	27	252	54	3.67	
278387	8	< 5	0.37	37	150	< 2	0.41	< 5	< 10	164	< 5	27	223	48	3.48	
278388	5	< 5	0.07	39	189	< 2	0.43	< 5	< 10	210	< 5	27	102	74	3.59	

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	30.5	1.76	332	618	1	1310	0.78	2.7	8	16	1150	22.5	4	9	0.05	0.18	8	819	15	0.05	36	0.054	634
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730
GXR-1 Meas	31.5	1.77	352	641	1	1380	0.85	3.1	8	60	1150	22.1	6	5	0.05	0.18	7	909	15	0.05	42	0.059	691
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730
GXR-1 Meas	31.6	1.98	438	636	1	1380	0.87	3.2	6	15	1190	22.9	11	5	0.05	0.20	8	955	16	0.05	46	0.059	716
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730
GXR-4 Meas	3.2	5.86	69	157	2	17	0.87	0.3	12	25	6330	2.97	19	< 1	3.08	1.56	11	145	245	0.54	40	0.120	47
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
GXR-4 Meas	3.5	6.21	79	144	2	16	0.99	< 0.3	12	49	6480	3.10	18	< 1	4.38	1.67	11	141	279	0.55	43	0.130	52
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
GXR-4 Meas	3.4	6.60	98	248	2	16	1.04	0.5	15	33	6620	2.96	18	< 1	3.65	1.68	11	149	320	0.53	47	0.130	61
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
SDC-1 Meas		7.86	< 3	642	3		0.98		16	29	33	5.19	21	< 1	1.26	1.01	37	802		1.62	34	0.052	21
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690	25.00
SDC-1 Meas		7.63	< 3	630	3		1.06		17	146	31	4.88	21	< 1	1.93	1.01	34	906		1.54	35	0.055	18
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690	25.00
SDC-1 Meas		8.25	< 3	630	3		1.07		18	46	29	4.81	22	< 1	2.00	1.00	34	884		1.59	38	0.052	20
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690	25.00
GXR-6 Meas	0.4	12.0	198	> 1000	1	< 2	0.15	< 0.3	13	45	72	6.01	29	< 1	2.09	0.59	34	984	< 1	0.10	26	0.033	90
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
GXR-6 Meas	0.4	12.6	257	> 1000	1	< 2	0.16	0.5	13	67	74	5.88	29	< 1	1.84	0.59	33	1060	1	0.10	26	0.034	91
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
Oreas 72a (4 Acid Digest) Meas			5						138	183	336	10.0									6220		
Oreas 72a (4 Acid Digest) Cert			14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid Digest) Meas			3						155	170	348	10.1									7140		
Oreas 72a (4 Acid Digest) Cert			14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid Digest) Meas			< 3						146	209	323	9.75									6620		
Oreas 72a (4 Acid Digest) Cert			14.7						157	228	316	9.63									6930.000		
DNC-1a Meas				97					48	138	105		11				5				234		< 3
DNC-1a Cert				118					57	270	100		15				5.2				247		6.3
DNC-1a Meas				106					57	212	110		13				5				283		< 3
DNC-1a Cert				118					57	270	100		15				5.2				247		6.3
DNC-1a Meas				97					57	142	107		14				5				271		4
DNC-1a Cert				118					57	270	100		15				5.2				247		6.3
SBC-1 Meas			14	773	3	< 2		0.4	20	72	33		26				166		5		78		24
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83		35.0
SBC-1 Meas			17	851	4	< 2		0.5	24	90	35		29				167		2		106		41

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		82.8		35.0
SBC-1 Meas			26	735	3	< 2		< 0.3	23	97	31		28				156		2		84		39
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83		35.0
SdAR-M2 (U.S.G.S.) Meas				953	7	< 2		4.3	11	26	235		16	3			18		8		43		727
SdAR-M2 (U.S.G.S.) Cert				990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49		808
SdAR-M2 (U.S.G.S.) Meas				> 1000	8	< 2		4.9	13	33	253		17	1			18		12		57		857
SdAR-M2 (U.S.G.S.) Cert				990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49		808
SdAR-M2 (U.S.G.S.) Meas				987	7	< 2		5.2	13	43	244		17	< 1			18		9		54		832
SdAR-M2 (U.S.G.S.) Cert				990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49		808
OREAS 214 Meas																							
OREAS 214 Cert																							
OREAS 216 (Fire Assay) Meas																							
OREAS 216 (Fire Assay) Cert																							
OREAS 223 (Fire Assay) Meas																							
OREAS 223 (Fire Assay) Cert																							
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Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
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OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
278263 Orig	< 0.3	7.11	< 3	185	< 1	< 2	6.81	0.6	48	28	105	12.8	18	< 1	0.64	3.13	18	2170	< 1	1.08	46	0.040	< 3
278263 Dup	< 0.3	7.02	5	178	< 1	< 2	6.30	0.4	43	22	103	12.9	17	< 1	0.56	3.04	19	2070	< 1	1.08	42	0.037	< 3
278273 Orig																							
278273 Dup																							
278281 Orig																							
278281 Dup																							
278289 Orig	< 0.3	6.19	7	72	< 1	< 2	8.17	0.3	41	20	114	13.5	15	< 1	0.19	2.54	14	2520	< 1	1.11	41	0.041	< 3
278289 Dup	< 0.3	6.03	< 3	70	< 1	6	8.08	0.4	41	30	103	13.1	14	< 1	0.19	2.58	14	2470	< 1	1.08	37	0.041	< 3
278303 Orig	0.3	4.72	136	44	< 1	< 2	8.08	0.6	51	104	211	10.4	12	< 1	0.09	2.78	6	1760	< 1	2.59	113	0.027	5
278303 Dup	0.5	4.81	133	46	< 1	< 2	8.33	0.4	52	110	216	10.8	14	< 1	0.10	2.87	7	1780	< 1	2.68	114	0.028	6
278308 Split Orig PREP DUP	0.4	4.06	2010	46	< 1	< 2	5.56	0.5	33	59	223	6.91	13	1	0.16	1.59	3	1500	< 1	2.99	50	0.029	10
278308 Split PREP DUP	0.3	3.95	1950	47	< 1	< 2	5.54	< 0.3	34	53	241	6.98	11	3	0.17	1.60	3	1510	< 1	2.94	48	0.030	15
278313 Orig																							
278313 Dup																							
278318 Orig	< 0.3	4.44	875	77	< 1	< 2	13.0	< 0.3	24	101	41	3.78	11	< 1	0.11	1.22	3	2220	< 1	3.28	104	0.022	16
278318 Dup	< 0.3	4.53	959	78	< 1	< 2	13.2	< 0.3	24	88	41	3.87	12	< 1	0.11	1.23	3	2250	< 1	3.32	103	0.022	18
278322 Orig																							
278322 Dup																							
278333 Orig	< 0.3	6.59	3	338	< 1	< 2	7.13	< 0.3	34	281	141	5.60	17	< 1	0.44	4.19	17	953	< 1	2.68	105	0.061	< 3
278333 Dup	< 0.3	6.60	6	341	< 1	< 2	7.10	0.4	32	291	142	5.65	17	< 1	0.44	4.16	17	953	< 1	2.71	102	0.062	< 3
278342 Orig																							
278342 Dup																							
278349 Orig																							

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278349 Dup																							
278358 Split Orig PREP DUP	0.3	6.36	851	87	< 1	< 2	8.80	0.5	42	217	51	7.97	15	< 1	0.44	2.77	16	1620	< 1	2.24	149	0.032	15
278358 Split PREP DUP	< 0.3	7.35	857	88	< 1	< 2	8.83	0.7	44	207	55	8.36	16	< 1	0.45	2.93	17	1600	< 1	2.33	146	0.031	10
278359 Orig	0.6	1.30	535	17	< 1	< 2	1.20	1.6	9	21	42	2.86	4	< 1	0.09	0.37	4	313	2	0.67	26	0.009	29
278359 Dup	5.0	1.34	556	17	< 1	< 2	1.19	4.2	10	23	46	2.97	4	< 1	0.10	0.37	4	312	3	0.69	26	0.009	28
278360 Orig																							
278360 Dup																							
278374 Orig	< 0.3	0.58	278	10	< 1	< 2	1.14	0.6	3	15	24	1.16	2	< 1	0.03	0.18	2	260	< 1	0.42	10	0.004	10
278374 Dup	< 0.3	0.58	269	10	< 1	< 2	1.14	< 0.3	3	13	23	1.01	2	< 1	0.03	0.18	2	241	1	0.42	9	0.003	12
278376 Orig																							
278376 Dup																							
278383 Orig																							
278383 Dup																							
Method Blank	0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	2	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		6	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	0.03	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3
Method Blank																							
Method Blank																							
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Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
GXR-1 Meas	24	0.24	< 4	275	< 2	0.03	< 5	40	75	139	31	651	22		
GXR-1 Cert	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0		
GXR-1 Meas	19	0.24	< 4	294	< 2	0.03	< 5	40	83	163	35	729	25		
GXR-1 Cert	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0		
GXR-1 Meas	36	0.25	< 4	289	18	0.03	< 5	40	84	162	34	751	26		
GXR-1 Cert	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0		
GXR-4 Meas	< 5	1.68	7	195	5	0.27	< 5	< 10	71	28	13	58	32		
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186		
GXR-4 Meas	< 5	1.79	7	208	11	0.29	< 5	< 10	81	32	14	66	34		
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186		
GXR-4 Meas	< 5	1.78	8	214	4	0.29	< 5	< 10	86	32	15	69	42		
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186		
SDC-1 Meas	< 5		15	172		0.10	< 5	< 10	29	< 5		91	21		
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00		
SDC-1 Meas	< 5		16	172		0.19	< 5	< 10	52	< 5		101	39		
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00		
SDC-1 Meas	< 5		16	175		0.28	< 5	< 10	62	< 5		98	33		
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00		
GXR-6 Meas	< 5	0.01	24	35	< 2		7	< 10	98	< 5	11	119	43		
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110		
GXR-6 Meas	< 5	0.02	26	36	< 2		< 5	< 10	132	< 5	11	121	63		
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110		
Oreas 72a (4 Acid Digest) Meas		1.70													
Oreas 72a (4 Acid Digest) Cert		1.74													
Oreas 72a (4 Acid Digest) Meas		1.85													
Oreas 72a (4 Acid Digest) Cert		1.74													
Oreas 72a (4 Acid Digest) Meas		1.61													
Oreas 72a (4 Acid Digest) Cert		1.74													
DNC-1a Meas	< 5		28	126		0.28			129		15	53	28		
DNC-1a Cert	0.96		31	144		0.29			148		18.0	70	38.0		
DNC-1a Meas	< 5		32	137		0.32			152		18	67	33		
DNC-1a Cert	0.96		31	144		0.29			148		18.0	70	38.0		
DNC-1a Meas	< 5		31	132		0.29			145		16	61	33		
DNC-1a Cert	0.96		31	144		0.29			148		18.0	70	38.0		
SBC-1 Meas	< 5		17	168		0.51	< 5	< 10	193	< 5	26	174	86		
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0		
SBC-1 Meas	28		21	186		0.58	< 5	< 10	228	8	33	208	105		

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0		
SBC-1 Meas	< 5		20	172		0.51	< 5	< 10	212	8	31	181	106		
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0		
SdAR-M2 (U.S.G.S.) Meas			< 4	136				< 10	17	8	26	645	65		
SdAR-M2 (U.S.G.S.) Cert			4.1	144				2.53	25.2	2.8	32.7	760	259		
SdAR-M2 (U.S.G.S.) Meas			4	148				< 10	23	11	29	792	80		
SdAR-M2 (U.S.G.S.) Cert			4.1	144				2.53	25.2	2.8	32.7	760	259		
SdAR-M2 (U.S.G.S.) Meas			4	144				< 10	21	7	29	771	119		
SdAR-M2 (U.S.G.S.) Cert			4.1	144				2.53	25.2	2.8	32.7	760	259		
OREAS 214 Meas															2.95
OREAS 214 Cert															3.03
OREAS 216 (Fire Assay) Meas															6.71
OREAS 216 (Fire Assay) Cert															6.66
OREAS 223 (Fire Assay) Meas														1780	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1870	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1730	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1750	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1790	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1790	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 220 (Fire														902	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
Assay) Meas															
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														850	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														863	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														880	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														890	
OREAS 220 (Fire Assay) Cert														828	
278263 Orig	< 5	0.02	39	177	< 2	0.31	< 5	< 10	132	< 5	25	138	42		
278263 Dup	< 5	0.03	35	169	< 2	0.37	< 5	< 10	137	< 5	22	123	43		
278273 Orig														5	
278273 Dup														6	
278281 Orig														40	
278281 Dup														54	
278289 Orig	< 5	0.24	35	173	< 2	0.36	< 5	< 10	166	< 5	30	116	36		
278289 Dup	< 5	0.23	34	172	< 2	0.33	< 5	< 10	154	< 5	29	113	29		
278303 Orig	< 5	1.29	23	689	6	0.36	< 5	< 10	140	< 5	14	104	45		
278303 Dup	< 5	1.29	23	704	< 2	0.32	6	< 10	134	< 5	14	110	45		
278308 Split Orig PREP DUP	< 5	1.21	10	352	5	0.22	< 5	< 10	74	16	9	130	72	4740	
278308 Split PREP DUP	< 5	1.43	10	353	< 2	0.22	< 5	< 10	75	16	9	122	73	4810	
278313 Orig														2190	
278313 Dup														2140	
278318 Orig	< 5	0.33	19	692	9	0.24	< 5	< 10	86	17	11	49	26		
278318 Dup	< 5	0.31	19	698	6	0.24	< 5	< 10	88	20	11	47	27		
278322 Orig														7360	
278322 Dup														7770	
278333 Orig	< 5	0.38	27	425	< 2	0.32	< 5	< 10	154	< 5	11	48	68		
278333 Dup	< 5	0.38	26	422	12	0.32	< 5	< 10	152	< 5	11	46	69		
278342 Orig														7	
278342 Dup														8	
278349 Orig														8	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
278349 Dup														9	
278358 Split Orig PREP DUP	< 5	0.95	26	362	2	0.44	< 5	< 10	171	9	15	191	53	1110	
278358 Split PREP DUP	< 5	0.98	30	370	2	0.38	< 5	< 10	152	< 5	16	194	48	1010	
278359 Orig	< 5	1.46	< 4	65	7	0.08	< 5	< 10	22	< 5	4	238	27		
278359 Dup	< 5	1.51	< 4	64	6	0.07	< 5	< 10	22	< 5	4	237	27		
278360 Orig														580	
278360 Dup														553	
278374 Orig	< 5	0.26	< 4	52	4	0.02	< 5	< 10	7	< 5	1	85	9		
278374 Dup	< 5	0.28	< 4	53	11	0.02	< 5	< 10	6	< 5	1	83	9		
278376 Orig														1440	
278376 Dup														1230	
278383 Orig														2280	
278383 Dup														2030	
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	2	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank														< 5	
Method Blank														< 5	
Method Blank														5	
Method Blank														< 5	
Method Blank														< 5	
Method Blank														< 5	
Method Blank														< 5	
Method Blank															< 0.02
Method Blank														< 5	

Quality Analysis ... *Innovative Technologies*

Date Submitted: 31-Jul-17
Invoice No.: A17-07939
Invoice Date: 23-Aug-17
Your Reference: GBR-0005

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

146 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-07939**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
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Date Submitted: 31-Jul-17
Invoice No.: A17-07939
Invoice Date: 23-Aug-17
Your Reference: GBR-0005

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

146 Core samples were submitted for analysis.

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

REPORT **A17-07939**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278389	< 0.3	6.24	< 3	87	< 1	< 2	6.61	< 0.3	44	39	100	10.4	19	< 1	0.24	2.38	16	1880	< 1	1.56	41	0.039	< 3
278390	< 0.3	6.53	5	93	< 1	< 2	6.72	< 0.3	48	27	109	10.8	20	4	0.26	2.52	17	1940	< 1	1.62	39	0.039	< 3
278391	< 0.3	6.64	7	201	< 1	< 2	7.23	< 0.3	46	26	102	10.7	19	< 1	0.34	2.16	16	2140	< 1	1.51	42	0.042	< 3
278392	< 0.3	4.60	4	148	< 1	< 2	4.28	< 0.3	32	22	24	7.62	15	< 1	0.31	1.87	10	1320	< 1	1.11	29	0.029	< 3
278393	< 0.3	6.72	4	291	< 1	< 2	6.01	< 0.3	49	56	94	10.7	20	< 1	0.50	2.80	13	1690	< 1	1.61	49	0.039	< 3
278394	< 0.3	6.48	4	98	< 1	< 2	5.77	< 0.3	46	29	104	11.1	19	< 1	0.43	2.90	22	1730	< 1	1.42	41	0.041	< 3
278395	0.3	6.26	6	89	< 1	< 2	5.49	< 0.3	48	31	122	10.8	19	< 1	0.41	2.69	19	1810	< 1	1.64	42	0.043	< 3
278396	< 0.3	6.87	< 3	72	< 1	< 2	7.40	< 0.3	47	226	119	8.91	17	3	0.18	2.14	14	2080	< 1	1.68	94	0.029	< 3
278397	< 0.3	6.94	< 3	25	< 1	3	8.80	< 0.3	48	229	137	9.73	17	< 1	0.14	2.33	14	2240	< 1	1.58	90	0.030	< 3
278398	< 0.3	4.31	20	47	< 1	< 2	7.18	< 0.3	45	210	91	8.13	16	< 1	0.18	2.04	22	1820	< 1	1.66	91	0.027	< 3
278399	< 0.3	7.16	< 3	97	< 1	< 2	7.44	0.4	48	236	126	8.45	18	< 1	0.21	2.12	16	1880	< 1	1.81	92	0.030	< 3
278400																							
278401	< 0.3	8.27	< 3	201	< 1	< 2	4.34	< 0.3	23	28	46	5.87	22	< 1	0.56	1.30	18	972	< 1	2.90	11	0.041	< 3
278402	< 0.3	7.30	< 3	34	< 1	< 2	7.87	< 0.3	48	174	119	9.01	17	< 1	0.17	2.52	15	1890	< 1	1.61	93	0.025	< 3
278403	< 0.3	7.10	4	312	2	3	7.63	< 0.3	40	120	114	7.86	17	< 1	1.08	2.38	25	1750	< 1	1.66	77	0.072	< 3
278404	< 0.3	7.06	5	36	< 1	< 2	8.14	< 0.3	48	175	119	9.44	16	< 1	0.24	2.50	16	2120	< 1	1.55	90	0.030	< 3
278405	< 0.3	7.21	3	28	< 1	< 2	8.48	< 0.3	47	169	137	9.54	17	< 1	0.15	2.61	16	1880	< 1	1.57	95	0.026	< 3
278406	< 0.3	6.85	< 3	54	< 1	< 2	8.03	< 0.3	49	174	139	9.73	16	< 1	0.25	2.82	20	1990	< 1	1.35	92	0.025	< 3
278407	< 0.3	7.44	< 3	123	< 1	2	6.84	< 0.3	47	174	119	9.46	17	< 1	0.38	2.77	21	1800	< 1	1.51	95	0.032	< 3
278408	< 0.3	7.24	< 3	141	< 1	< 2	8.51	0.4	46	214	119	9.63	17	< 1	0.44	2.62	21	2110	< 1	1.63	96	0.026	< 3
278409	< 0.3	5.17	9	112	< 1	2	6.89	< 0.3	46	214	109	9.01	16	< 1	0.36	2.35	21	2080	< 1	1.39	86	0.028	5
278410																							
278411	0.5	6.73	12	156	< 1	3	8.04	0.3	44	210	149	9.52	16	< 1	0.53	2.35	20	2380	< 1	1.47	85	0.028	< 3
278412	< 0.3	7.13	< 3	146	< 1	< 2	7.92	< 0.3	47	203	129	9.63	17	1	0.63	2.96	22	1570	< 1	1.64	90	0.028	< 3
278413	< 0.3	7.67	< 3	352	1	< 2	4.51	0.4	22	88	49	5.32	20	< 1	1.67	2.37	36	915	< 1	2.44	33	0.061	< 3
278414	< 0.3	7.27	< 3	132	< 1	< 2	7.71	< 0.3	46	146	116	9.75	17	2	0.44	2.91	20	1590	< 1	1.66	90	0.027	< 3
278415	< 0.3	7.64	< 3	65	< 1	< 2	7.87	0.4	48	147	101	9.76	17	3	0.23	3.11	19	1360	< 1	1.90	103	0.026	< 3
278416	< 0.3	7.73	< 3	35	< 1	< 2	7.60	< 0.3	47	136	104	9.83	17	2	0.16	3.62	17	1510	< 1	2.01	104	0.024	< 3
278417	< 0.3	7.19	< 3	18	< 1	< 2	8.38	< 0.3	47	126	114	9.34	16	4	0.10	3.76	16	1520	< 1	1.76	95	0.026	< 3
278418	< 0.3	7.42	< 3	63	< 1	< 2	7.41	< 0.3	45	134	96	9.72	16	< 1	0.27	3.88	18	1520	< 1	1.74	90	0.025	< 3
278419	< 0.3	7.05	< 3	97	< 1	< 2	7.11	0.3	44	139	115	9.33	16	1	0.35	3.84	18	1530	< 1	1.69	84	0.024	< 3
278420	< 0.3	5.52	< 3	87	< 1	< 2	6.16	< 0.3	44	209	117	9.34	16	< 1	0.30	3.62	17	1490	< 1	1.67	86	0.028	< 3
278421	< 0.3	7.07	< 3	22	< 1	< 2	5.96	0.4	44	210	112	9.53	16	2	0.09	4.40	16	1480	< 1	1.68	85	0.030	< 3
278422	< 0.3	7.08	< 3	73	< 1	2	7.95	0.3	46	156	121	9.83	16	< 1	0.22	3.92	18	1460	< 1	1.61	87	0.028	< 3
278423	< 0.3	7.14	< 3	24	< 1	< 2	7.66	0.3	45	142	123	9.87	17	< 1	0.08	3.88	17	1320	< 1	1.64	82	0.025	< 3
278424	< 0.3	7.46	< 3	17	< 1	< 2	7.65	< 0.3	47	142	133	10.4	17	< 1	0.12	3.76	15	1420	< 1	1.66	80	0.027	< 3
278425	< 0.3	7.28	< 3	30	< 1	< 2	7.60	< 0.3	47	143	137	10.2	17	< 1	0.18	3.41	22	1390	< 1	1.63	78	0.028	< 3
278426	< 0.3	7.10	< 3	53	< 1	< 2	7.85	< 0.3	46	141	136	10.3	16	< 1	0.15	3.19	23	1410	< 1	1.79	75	0.030	3
278427	0.3	7.43	< 3	49	< 1	< 2	7.62	< 0.3	48	156	141	9.72	17	< 1	0.29	2.72	28	1470	< 1	2.10	92	0.031	5
278428	< 0.3	7.27	< 3	23	< 1	< 2	8.04	< 0.3	46	151	139	9.70	17	3	0.21	3.34	17	1420	< 1	2.00	83	0.028	< 3
278429	< 0.3	7.06	< 3	58	< 1	< 2	7.84	< 0.3	44	143	140	9.77	16	< 1	0.21	3.18	14	1380	< 1	2.10	80	0.028	< 3
278430																							

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278431	< 0.3	6.29	6	94	< 1	< 2	7.29	< 0.3	41	184	103	8.42	15	< 1	0.32	2.74	19	1330	< 1	1.80	70	0.026	< 3
278432	< 0.3	6.67	< 3	156	< 1	< 2	8.26	< 0.3	43	180	127	10.2	16	3	0.51	2.93	19	1980	< 1	2.00	81	0.025	< 3
278433	< 0.3	7.02	< 3	84	< 1	< 2	7.38	< 0.3	46	156	98	8.87	16	< 1	0.25	2.44	12	1910	< 1	2.40	86	0.028	< 3
278434	< 0.3	7.35	< 3	53	< 1	< 2	8.18	< 0.3	46	138	123	8.58	17	1	0.21	2.47	13	1780	< 1	2.46	85	0.028	< 3
278435	< 0.3	7.17	< 3	33	< 1	< 2	8.58	< 0.3	46	146	150	10.3	17	< 1	0.20	2.84	15	2090	< 1	1.89	87	0.028	< 3
278436	< 0.3	7.48	10	277	1	< 2	6.97	< 0.3	43	127	94	9.01	17	< 1	1.00	3.44	24	1390	< 1	1.86	75	0.065	< 3
278437	< 0.3	7.58	4	125	< 1	< 2	8.35	< 0.3	47	148	149	9.82	17	< 1	0.42	2.72	18	1860	< 1	2.04	86	0.033	< 3
278438	< 0.3	7.31	5	75	< 1	2	7.87	< 0.3	46	154	127	10.1	17	< 1	0.24	2.89	18	1470	< 1	1.70	83	0.030	< 3
278439	< 0.3	5.30	< 3	36	< 1	< 2	7.28	0.3	43	199	112	8.93	15	< 1	0.10	2.97	16	1290	< 1	1.31	76	0.027	< 3
278440																							
278441	< 0.3	7.27	5	21	< 1	< 2	7.82	< 0.3	47	215	158	10.1	17	1	0.09	3.74	17	1300	< 1	1.54	88	0.027	< 3
278442	< 0.3	7.34	4	22	< 1	< 2	7.82	< 0.3	46	197	131	10.0	16	2	0.12	3.92	17	1370	< 1	1.60	87	0.031	< 3
278443	< 0.3	7.21	< 3	93	< 1	< 2	7.48	< 0.3	45	145	113	9.41	16	< 1	0.44	3.77	17	1360	< 1	1.79	84	0.033	< 3
278444	< 0.3	7.52	< 3	240	< 1	< 2	6.64	< 0.3	46	140	110	9.91	16	< 1	1.14	3.99	26	1330	< 1	1.85	92	0.027	< 3
278445	< 0.3	7.45	9	283	< 1	< 2	6.06	< 0.3	44	127	83	9.57	18	3	1.12	3.60	32	1210	< 1	1.81	85	0.049	< 3
278446	< 0.3	7.45	7	30	< 1	< 2	7.21	< 0.3	49	142	113	9.68	17	5	0.17	3.29	15	1300	< 1	1.91	87	0.030	< 3
278447	0.5	6.86	10	19	< 1	< 2	7.72	< 0.3	46	128	172	10.5	18	< 1	0.12	3.14	17	1470	< 1	1.52	57	0.038	< 3
278448	< 0.3	7.01	6	131	< 1	< 2	7.86	< 0.3	45	152	171	9.63	17	< 1	0.26	2.85	15	1540	< 1	1.58	73	0.032	< 3
278449	< 0.3	7.18	< 3	55	< 1	< 2	8.00	< 0.3	47	161	120	9.60	17	< 1	0.16	2.86	13	1410	< 1	1.62	76	0.029	< 3
278450	< 0.3	5.21	< 3	78	< 1	< 2	7.59	< 0.3	47	220	143	9.08	17	< 1	0.15	2.99	14	1340	< 1	1.54	75	0.032	< 3
278451	< 0.3	7.17	< 3	106	< 1	< 2	7.06	< 0.3	47	229	121	9.62	17	< 1	0.31	3.69	19	1330	< 1	1.55	79	0.030	< 3
278452	< 0.3	7.08	< 3	344	< 1	< 2	8.08	0.3	46	210	146	9.96	17	< 1	0.42	2.84	18	1570	< 1	1.58	78	0.030	< 3
278453	< 0.3	5.57	< 3	457	< 1	< 2	7.66	0.3	35	145	56	8.93	14	< 1	0.52	2.98	22	1770	< 1	0.82	69	0.021	< 3
278454	< 0.3	6.37	19	388	< 1	< 2	8.12	< 0.3	33	111	131	9.08	14	< 1	0.74	2.65	25	1700	< 1	1.37	120	0.023	< 3
278455	< 0.3	7.75	81	600	< 1	< 2	8.33	< 0.3	51	164	66	7.77	15	< 1	0.61	4.92	21	1280	< 1	1.37	298	0.020	< 3
278456	< 0.3	7.81	110	782	< 1	< 2	9.36	< 0.3	49	112	74	7.42	15	< 1	0.60	4.46	20	1420	< 1	1.32	314	0.021	< 3
278457	< 0.3	8.18	120	872	< 1	< 2	8.41	< 0.3	51	127	55	7.67	15	< 1	0.77	4.76	26	1350	< 1	1.48	335	0.021	< 3
278458	< 0.3	8.00	145	> 1000	< 1	< 2	10.1	< 0.3	56	121	97	8.13	15	< 1	0.62	4.71	19	1500	< 1	1.25	349	0.022	< 3
278459	< 0.3	8.38	102	915	< 1	< 2	8.47	< 0.3	52	132	51	8.19	16	2	0.55	5.49	22	1290	< 1	1.14	338	0.021	< 3
278460																							
278461	< 0.3	5.53	73	389	< 1	< 2	7.18	< 0.3	47	211	40	7.08	14	< 1	0.26	4.53	18	1160	< 1	1.06	300	0.018	< 3
278462	< 0.3	8.08	100	394	< 1	< 2	8.88	< 0.3	50	232	67	7.46	15	< 1	0.25	4.82	18	1320	< 1	1.46	305	0.021	< 3
278463	< 0.3	9.23	18	506	< 1	< 2	7.88	< 0.3	52	156	49	8.32	17	1	0.46	5.57	26	1280	< 1	1.45	277	0.020	< 3
278464	< 0.3	8.29	75	947	< 1	< 2	8.20	< 0.3	46	131	43	8.06	15	< 1	1.09	4.50	38	1420	< 1	1.04	256	0.019	< 3
278465	< 0.3	8.29	145	878	< 1	< 2	8.86	< 0.3	53	119	60	7.55	15	< 1	0.74	4.30	28	1340	< 1	1.30	297	0.020	< 3
278466	< 0.3	7.63	93	574	< 1	< 2	8.85	< 0.3	52	107	48	7.49	15	< 1	0.70	4.72	21	1290	< 1	1.37	329	0.019	< 3
278467	< 0.3	7.84	18	482	< 1	< 2	8.00	< 0.3	48	117	53	7.69	15	< 1	0.84	5.05	30	1270	< 1	1.60	302	0.019	< 3
278468	< 0.3	8.07	7	542	< 1	< 2	8.71	< 0.3	51	117	68	7.62	14	< 1	0.65	4.97	19	1270	< 1	1.62	314	0.019	< 3
278469	< 0.3	8.78	15	444	< 1	< 2	8.10	< 0.3	55	133	8	9.43	17	< 1	0.79	5.83	40	1470	< 1	1.25	315	0.024	< 3
278470																							
278471	< 0.3	8.15	< 3	493	< 1	< 2	8.07	< 0.3	48	158	62	7.75	15	< 1	1.11	5.51	28	1230	< 1	1.63	276	0.020	< 3
278472	< 0.3	7.81	< 3	639	1	< 2	8.11	< 0.3	44	199	60	7.09	15	< 1	1.39	4.56	34	1210	< 1	1.68	222	0.040	< 3

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278473	< 0.3	7.49	< 3	741	< 1	< 2	8.03	< 0.3	48	366	37	7.49	16	< 1	1.22	5.09	35	1200	< 1	1.57	248	0.033	< 3
278474	< 0.3	5.97	< 3	489	< 1	< 2	7.06	< 0.3	44	1040	7	6.35	16	< 1	0.86	6.48	25	1160	< 1	1.65	219	0.083	< 3
278475	< 0.3	6.89	< 3	522	< 1	< 2	6.89	< 0.3	45	507	46	6.54	15	< 1	1.08	5.73	28	1120	< 1	1.63	246	0.065	< 3
278476	< 0.3	8.68	< 3	526	1	< 2	7.45	< 0.3	49	120	75	7.94	17	< 1	1.28	4.82	32	1130	< 1	1.89	252	0.060	< 3
278477	< 0.3	8.29	< 3	255	< 1	< 2	8.50	< 0.3	45	110	56	7.15	15	< 1	0.48	4.51	20	1130	< 1	2.00	216	0.026	< 3
278478	< 0.3	8.30	< 3	390	< 1	< 2	8.91	< 0.3	43	109	52	7.05	15	< 1	0.49	4.37	19	1250	< 1	2.15	227	0.020	< 3
278479	< 0.3	8.35	< 3	307	< 1	< 2	8.57	< 0.3	45	130	48	7.36	15	< 1	0.48	5.06	20	1140	< 1	1.80	232	0.028	4
278480	< 0.3	8.56	8	325	< 1	< 2	8.43	< 0.3	47	163	59	7.54	15	< 1	0.46	5.20	20	1120	< 1	1.90	238	0.031	< 3
278481	< 0.3	6.52	17	273	< 1	< 2	7.82	< 0.3	43	232	55	6.54	15	< 1	0.35	3.76	16	1090	< 1	1.81	203	0.019	< 3
278482	< 0.3	8.39	34	403	< 1	< 2	8.59	< 0.3	46	237	33	6.90	16	< 1	0.54	4.25	22	1210	< 1	1.79	215	0.021	< 3
278483	< 0.3	8.14	< 3	341	< 1	< 2	7.95	< 0.3	40	173	52	6.84	16	< 1	0.58	3.78	19	1080	< 1	2.37	170	0.041	< 3
278484	< 0.3	6.71	< 3	148	< 1	< 2	11.7	< 0.3	31	86	41	5.73	14	< 1	0.50	2.94	15	1490	< 1	2.27	115	0.033	< 3
278485	< 0.3	7.58	< 3	553	2	< 2	7.54	< 0.3	42	154	92	6.99	16	< 1	2.13	3.99	38	1220	< 1	2.32	147	0.084	< 3
278486	0.3	7.34	< 3	662	2	< 2	5.79	< 0.3	27	118	62	6.20	19	< 1	1.98	3.18	36	1050	< 1	2.49	38	0.088	< 3
278487	< 0.3	8.05	3	185	< 1	< 2	7.92	< 0.3	43	125	74	7.85	17	< 1	0.56	3.46	17	1460	< 1	2.67	123	0.025	< 3
278488	< 0.3	7.59	< 3	153	< 1	< 2	7.93	< 0.3	43	126	93	7.18	17	< 1	0.45	3.28	20	1270	< 1	2.61	103	0.025	< 3
278489	< 0.3	8.04	< 3	199	< 1	< 2	7.07	< 0.3	47	162	136	8.18	18	< 1	0.38	3.84	15	1140	< 1	2.58	113	0.027	< 3
278490																							
278491	< 0.3	5.74	< 3	112	< 1	< 2	7.10	< 0.3	42	234	82	7.75	17	< 1	0.18	3.53	13	1110	< 1	2.11	110	0.027	< 3
278492	0.4	7.61	5	61	< 1	< 2	6.72	< 0.3	45	208	107	8.16	17	< 1	0.24	4.35	19	989	< 1	2.15	108	0.021	3
278493	< 0.3	7.81	< 3	187	< 1	< 2	5.80	0.4	48	199	86	7.82	18	< 1	0.48	4.58	20	916	< 1	2.48	111	0.032	< 3
278494	< 0.3	7.63	< 3	290	< 1	< 2	5.39	< 0.3	41	122	61	7.45	18	< 1	0.87	4.95	26	843	< 1	2.16	99	0.020	6
278495	< 0.3	7.81	5	323	< 1	< 2	6.86	< 0.3	47	116	84	6.73	18	< 1	0.51	3.58	22	1290	< 1	2.53	112	0.023	< 3
278496	< 0.3	7.39	< 3	257	< 1	< 2	6.53	< 0.3	43	109	50	6.77	17	< 1	0.48	3.93	21	1160	< 1	2.13	107	0.022	< 3
278497	< 0.3	7.93	4	273	< 1	< 2	6.04	< 0.3	43	132	60	6.73	18	< 1	0.49	4.88	19	897	< 1	2.37	112	0.027	< 3
278498	< 0.3	7.85	13	381	< 1	< 2	5.73	< 0.3	43	132	62	6.87	18	< 1	0.80	4.44	22	980	< 1	2.61	106	0.028	< 3
278499	< 0.3	7.64	33	419	< 1	< 2	6.01	< 0.3	44	131	48	6.16	19	< 1	0.60	3.51	18	987	< 1	2.86	107	0.027	< 3
278500																							
278501	< 0.3	7.81	19	430	< 1	< 2	6.45	< 0.3	44	158	58	6.76	18	< 1	0.69	4.20	20	940	< 1	2.78	130	0.024	< 3
278502	< 0.3	6.08	49	204	< 1	< 2	6.50	< 0.3	38	241	30	5.82	15	< 1	0.51	3.07	14	1030	< 1	2.85	129	0.024	< 3
278503	< 0.3	7.20	111	194	< 1	< 2	6.98	< 0.3	37	213	47	6.75	15	< 1	0.53	3.25	14	1120	< 1	3.45	134	0.024	4
278504	1.1	5.72	2710	144	< 1	< 2	5.47	< 0.3	35	141	355	7.35	14	2	0.40	2.24	12	1340	< 1	3.58	110	0.024	13
278505	1.5	1.05	> 5000	24	< 1	< 2	5.62	0.3	64	24	509	10.4	4	< 1	0.13	1.85	12	1490	1	0.54	73	0.016	28
278506	0.5	0.87	222	34	< 1	< 2	9.23	0.4	16	24	245	11.0	4	< 1	0.37	4.87	17	2070	< 1	0.30	64	0.015	16
278507	1.7	3.11	725	109	< 1	5	9.12	0.4	17	29	219	11.1	8	2	0.82	4.81	15	2000	1	1.67	55	0.020	11
278508	2.0	4.41	24	154	< 1	< 2	4.61	0.8	11	103	281	9.55	13	< 1	0.61	2.32	10	1390	< 1	2.73	52	0.020	13
278509	0.8	0.72	525	< 7	< 1	< 2	0.85	< 0.3	5	39	40	1.72	2	< 1	0.02	0.23	1	240	2	0.56	10	0.005	124
278510	0.5	0.74	203	< 7	< 1	< 2	0.85	< 0.3	2	34	33	1.39	2	< 1	0.02	0.22	1	217	1	0.60	9	0.003	62
278511	3.1	2.48	458	173	< 1	< 2	2.36	1.2	12	155	89	4.33	7	< 1	0.53	1.38	8	457	1	1.47	54	0.029	57
278512	< 0.3	4.38	37	86	< 1	< 2	3.76	0.6	10	51	126	4.14	11	< 1	0.24	1.13	4	694	2	3.19	31	0.036	13
278513	1.4	0.52	2110	8	< 1	< 2	4.51	0.6	5	29	20	1.49	2	< 1	0.03	0.23	3	407	< 1	0.39	9	0.027	65
278514	1.2	1.66	2200	48	< 1	2	1.98	0.5	20	68	86	3.40	6	1	0.13	0.80	3	571	< 1	1.26	22	0.008	72

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278515	1.9	3.03	> 5000	59	< 1	< 2	7.53	0.7	44	43	209	7.49	9	< 1	0.48	2.85	7	1550	< 1	1.96	41	0.025	17
278516	1.0	5.50	1410	169	< 1	< 2	8.86	< 0.3	53	12	198	10.5	16	2	0.62	2.92	9	1800	< 1	3.01	70	0.045	12
278517	< 0.3	4.83	1780	78	< 1	< 2	9.38	< 0.3	48	17	128	9.21	14	< 1	0.23	2.70	5	1900	< 1	3.07	77	0.038	7
278518	0.6	6.37	1840	85	< 1	< 2	7.90	0.4	58	14	175	11.4	18	3	0.33	3.22	11	1760	< 1	3.02	78	0.055	10
278519	0.6	6.06	819	36	< 1	< 2	6.94	< 0.3	48	14	229	11.2	19	< 1	0.12	2.78	8	1840	< 1	3.55	60	0.072	8
278520																							
278521	0.3	5.06	396	30	< 1	< 2	7.54	0.7	31	38	261	9.82	15	2	0.08	2.58	4	1890	< 1	3.32	56	0.056	5
278522	0.3	4.70	1090	65	< 1	< 2	8.17	0.6	52	36	159	9.31	15	< 1	0.12	2.69	5	1910	< 1	2.51	72	0.049	10
278523	0.6	2.91	1350	51	< 1	< 2	4.97	0.4	33	90	201	7.24	9	1	0.11	1.84	5	1200	1	1.80	52	0.036	13
278524	8.0	1.19	4070	14	< 1	< 2	14.7	0.9	34	32	71	4.32	6	< 1	0.05	2.19	6	2330	2	0.41	17	0.021	15
278525	5.3	1.84	501	< 7	< 1	< 2	3.43	0.4	28	264	59	4.58	6	< 1	0.07	2.38	7	794	1	0.55	120	0.035	8
278526	0.4	5.78	74	11	< 1	< 2	6.50	2.6	41	76	177	12.3	23	< 1	0.06	2.88	12	2040	1	1.50	64	0.049	9
278527	0.6	6.46	86	15	< 1	< 2	8.19	2.4	31	69	196	14.1	21	3	0.18	3.50	25	2500	2	1.51	56	0.049	10
278528	< 0.3	6.06	28	19	< 1	< 2	6.47	< 0.3	40	445	11	7.14	15	< 1	0.09	5.59	15	1600	< 1	2.02	174	0.058	5
278529	0.5	6.22	29	35	< 1	< 2	5.99	0.5	46	321	210	9.02	14	< 1	0.08	2.96	11	2020	< 1	2.41	106	0.062	9
278530																							
278531	< 0.3	6.10	28	59	1	< 2	6.78	< 0.3	44	1000	16	7.71	15	< 1	0.06	6.55	11	1870	< 1	2.10	222	0.093	9
278532	0.7	4.67	16	29	< 1	< 2	6.52	0.4	50	251	593	16.4	14	4	0.18	2.69	11	2300	2	1.78	113	0.046	18
278533	0.7	4.85	48	15	< 1	< 2	6.30	3.4	41	84	531	14.1	17	2	0.05	2.06	10	2160	2	2.11	66	0.042	11
278886	1.3	6.65	5	257	< 1	< 2	1.28	< 0.3	120	17	294	11.2	20	< 1	2.20	0.33	13	373	3	2.52	25	0.050	6

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-AA	FA-GRA
278389	< 5	0.11	36	199	3	0.26	< 5	< 10	180	< 5	26	95	53		8	
278390	< 5	0.12	38	196	< 2	0.20	< 5	< 10	150	< 5	26	98	36		7	
278391	< 5	0.17	39	234	< 2	0.21	< 5	< 10	121	< 5	30	102	25		< 5	
278392	7	0.03	28	153	< 2	0.24	< 5	< 10	112	< 5	19	76	38		< 5	
278393	< 5	0.06	38	231	< 2	0.25	< 5	< 10	186	< 5	26	99	63		7	
278394	< 5	0.16	38	180	< 2	0.32	< 5	< 10	203	< 5	25	108	59		< 5	
278395	< 5	0.22	36	193	3	0.49	< 5	< 10	227	< 5	25	94	62		< 5	
278396	< 5	0.09	42	99	< 2	0.45	< 5	< 10	267	< 5	23	85	15		12	
278397	< 5	0.18	42	120	4	0.59	< 5	< 10	289	< 5	23	86	29		5	
278398	< 5	0.10	24	116	4	0.53	< 5	< 10	266	< 5	11	81	13		8	
278399	< 5	0.14	42	128	< 2	0.37	< 5	< 10	223	< 5	22	84	13		< 5	
278400															1080	
278401	< 5	0.08	16	174	< 2	0.16	< 5	< 10	48	< 5	19	75	49		< 5	
278402	< 5	0.05	44	144	< 2	0.21	< 5	< 10	183	< 5	24	92	10		9	
278403	< 5	0.11	38	167	6	0.17	< 5	< 10	115	< 5	25	83	21		5	
278404	< 5	0.19	43	150	6	0.25	< 5	< 10	163	< 5	23	93	8		< 5	
278405	< 5	0.15	43	144	< 2	0.28	< 5	< 10	197	< 5	24	83	9		6	
278406	< 5	0.17	42	103	< 2	0.22	< 5	< 10	155	< 5	23	86	7		5	
278407	< 5	0.13	43	112	< 2	0.16	< 5	< 10	126	< 5	23	92	8		5	
278408	< 5	0.13	44	111	< 2	0.25	< 5	< 10	186	< 5	25	93	11		< 5	
278409	< 5	0.16	29	94	5	0.55	< 5	< 10	276	< 5	17	78	17		< 5	
278410															< 5	
278411	< 5	0.18	41	105	4	0.50	< 5	< 10	253	< 5	23	84	20		6	
278412	< 5	0.12	44	155	< 2	0.23	< 5	< 10	180	< 5	23	83	15		< 5	
278413	< 5	0.01	18	281	3	0.27	< 5	< 10	102	< 5	28	76	89		< 5	
278414	< 5	0.11	43	156	< 2	0.29	< 5	< 10	214	< 5	23	84	21		6	
278415	< 5	0.05	44	131	< 2	0.30	< 5	< 10	210	< 5	23	84	20		7	
278416	< 5	0.05	44	99	< 2	0.32	< 5	< 10	217	< 5	23	85	26		7	
278417	< 5	0.08	41	112	< 2	0.38	< 5	< 10	217	< 5	22	82	23		6	
278418	< 5	0.07	43	104	< 2	0.38	< 5	< 10	233	< 5	23	81	27		6	
278419	< 5	0.10	42	88	< 2	0.27	< 5	< 10	183	< 5	23	79	21		15	
278420	< 5	0.10	29	82	3	0.54	< 5	< 10	269	< 5	17	78	30		8	
278421	< 5	0.03	42	79	4	0.57	< 5	< 10	276	< 5	22	78	43		14	
278422	< 5	0.14	43	93	< 2	0.15	< 5	< 10	124	< 5	23	86	11		8	
278423	< 5	0.08	45	97	< 2	0.25	< 5	< 10	207	< 5	24	82	22		10	
278424	< 5	0.06	48	117	< 2	0.35	< 5	< 10	226	< 5	25	91	24		15	
278425	< 5	0.09	46	116	< 2	0.39	< 5	< 10	241	< 5	23	80	21		10	
278426	< 5	0.13	46	106	< 2	0.46	< 5	< 10	259	< 5	22	76	28		10	
278427	< 5	0.27	47	127	3	0.51	< 5	< 10	262	< 5	23	81	27		5	
278428	< 5	0.10	45	117	6	0.45	< 5	< 10	257	< 5	23	81	31		17	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-AA	FA-GRA
278429	< 5	0.14	44	118	< 2	0.40	< 5	< 10	225	< 5	22	80	30		13	
278430															1050	
278431	< 5	0.15	39	103	7	0.22	< 5	< 10	169	< 5	17	76	24		35	
278432	< 5	0.40	44	106	< 2	0.34	< 5	< 10	199	< 5	24	87	30		146	
278433	< 5	0.10	44	100	11	0.23	< 5	< 10	168	< 5	24	85	21		46	
278434	< 5	0.14	45	133	< 2	0.31	< 5	< 10	173	< 5	24	83	20		14	
278435	< 5	0.23	45	127	< 2	0.36	< 5	< 10	196	< 5	24	88	18		14	
278436	< 5	0.08	41	180	< 2	0.56	< 5	< 10	265	< 5	23	91	50		8	
278437	< 5	0.27	48	152	< 2	0.57	< 5	< 10	289	< 5	25	92	28		7	
278438	< 5	0.10	46	113	< 2	0.50	< 5	< 10	274	< 5	20	84	23		15	
278439	< 5	0.08	29	90	< 2	0.53	< 5	< 10	267	< 5	16	72	23		8	
278440															< 5	
278441	< 5	0.09	43	109	< 2	0.27	< 5	< 10	225	< 5	23	86	20		17	
278442	< 5	0.11	44	130	< 2	0.21	< 5	< 10	144	< 5	24	96	13		9	
278443	< 5	0.05	42	165	< 2	0.21	< 5	< 10	176	< 5	24	84	28		14	
278444	< 5	0.06	43	168	< 2	0.44	< 5	< 10	242	< 5	22	84	32		11	
278445	< 5	0.07	41	171	< 2	0.42	< 5	< 10	226	< 5	21	88	39		9	
278446	< 5	0.09	47	151	4	0.48	< 5	< 10	261	< 5	23	85	25		8	
278447	< 5	0.14	49	149	< 2	0.59	< 5	< 10	280	< 5	25	86	28		10	
278448	< 5	0.16	48	147	7	0.47	< 5	< 10	244	< 5	23	77	21		10	
278449	< 5	0.13	48	159	3	0.41	< 5	< 10	239	< 5	23	76	20		6	
278450	< 5	0.06	29	146	15	0.61	< 5	< 10	311	< 5	18	76	27		13	
278451	< 5	0.05	47	126	12	0.42	< 5	< 10	269	< 5	23	83	31		9	
278452	< 5	0.17	46	141	3	0.20	< 5	< 10	158	< 5	24	83	12		6	
278453	< 5	0.08	36	87	7	0.23	< 5	< 10	150	< 5	24	88	19		< 5	
278454	< 5	1.63	24	106	< 2	0.30	< 5	< 10	140	< 5	20	98	64		6	
278455	< 5	0.03	26	109	< 2	0.31	< 5	< 10	150	< 5	17	64	37		< 5	
278456	< 5	0.09	26	121	2	0.37	< 5	< 10	160	< 5	16	61	38		< 5	
278457	< 5	0.05	26	122	< 2	0.38	< 5	< 10	163	< 5	16	61	39		< 5	
278458	< 5	0.12	24	109	7	0.37	< 5	< 10	158	< 5	17	57	36		9	
278459	< 5	0.01	26	89	4	0.37	< 5	< 10	162	< 5	15	59	36		7	
278460															1040	
278461	< 5	< 0.01	14	81	< 2	0.33	< 5	< 10	145	< 5	10	54	30		7	
278462	< 5	0.04	25	108	< 2	0.37	< 5	< 10	156	< 5	16	54	37		6	
278463	< 5	0.02	28	98	3	0.22	< 5	< 10	129	< 5	18	66	36		6	
278464	< 5	0.04	26	88	< 2	0.25	< 5	< 10	136	< 5	16	68	35		5	
278465	< 5	0.02	26	101	13	0.28	< 5	< 10	141	< 5	16	58	34		6	
278466	< 5	0.02	25	130	3	0.26	< 5	< 10	131	< 5	16	56	34		6	
278467	< 5	0.01	25	140	< 2	0.33	< 5	< 10	145	< 5	16	54	34		7	
278468	< 5	< 0.01	25	187	11	0.31	< 5	< 10	142	< 5	15	58	33		12	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-AA	FA-GRA
278469	< 5	0.01	28	159	< 2	0.40	< 5	< 10	193	< 5	17	83	39		< 5	
278470															< 5	
278471	< 5	< 0.01	26	183	< 2	0.28	< 5	< 10	134	< 5	17	62	35		17	
278472	< 5	0.04	25	239	< 2	0.25	< 5	< 10	142	< 5	17	66	39		12	
278473	< 5	0.01	27	182	9	0.21	< 5	< 10	146	< 5	17	70	45		6	
278474	< 5	< 0.01	30	142	< 2	0.28	< 5	< 10	149	< 5	16	64	91		5	
278475	< 5	0.04	27	188	< 2	0.30	< 5	< 10	145	< 5	16	73	73		< 5	
278476	< 5	0.07	26	315	< 2	0.42	< 5	< 10	174	< 5	19	63	57		10	
278477	< 5	< 0.01	24	278	7	0.32	< 5	< 10	142	< 5	16	54	33		11	
278478	< 5	< 0.01	24	224	< 2	0.32	< 5	< 10	146	< 5	15	54	33		13	
278479	< 5	< 0.01	25	205	9	0.31	< 5	< 10	143	< 5	16	58	37		10	
278480	< 5	< 0.01	25	206	3	0.37	< 5	< 10	159	< 5	15	61	41		10	
278481	< 5	0.01	15	205	< 2	0.36	< 5	< 10	159	5	12	56	32		10	
278482	< 5	0.02	24	192	4	0.36	< 5	< 10	152	< 5	16	67	39		10	
278483	< 5	0.02	23	221	9	0.19	< 5	< 10	92	< 5	17	62	43		29	
278484	< 5	0.04	17	284	< 2	0.21	< 5	< 10	85	< 5	15	53	45		< 5	
278485	< 5	0.07	27	325	5	0.41	< 5	< 10	167	< 5	19	65	65		13	
278486	< 5	0.07	24	367	< 2	0.36	< 5	< 10	135	< 5	40	72	107		10	
278487	< 5	0.02	31	249	3	0.41	< 5	< 10	180	< 5	20	58	42		10	
278488	< 5	0.02	34	193	6	0.40	< 5	< 10	184	< 5	21	67	46		12	
278489	< 5	0.02	35	162	< 2	0.42	< 5	< 10	200	< 5	22	51	47		16	
278490															1030	
278491	< 5	0.02	19	162	3	0.47	< 5	< 10	204	< 5	15	49	43		15	
278492	< 5	0.02	33	168	< 2	0.20	< 5	< 10	148	< 5	20	65	42		17	
278493	< 5	0.01	35	198	< 2	0.21	< 5	< 10	136	< 5	21	71	50		11	
278494	< 5	< 0.01	36	167	< 2	0.18	< 5	< 10	129	< 5	21	55	48		17	
278495	< 5	0.02	36	177	5	0.27	< 5	< 10	135	< 5	20	58	45		16	
278496	< 5	0.01	34	162	3	0.30	< 5	< 10	146	< 5	21	46	42		13	
278497	< 5	0.01	36	169	6	0.38	< 5	< 10	177	< 5	22	45	51		15	
278498	< 5	0.02	35	205	< 2	0.46	< 5	< 10	202	< 5	22	62	54		37	
278499	< 5	0.02	33	249	15	0.45	< 5	< 10	204	< 5	19	62	53		114	
278500															< 5	
278501	< 5	0.01	33	266	3	0.38	< 5	< 10	178	< 5	19	55	48		35	
278502	< 5	0.04	20	263	6	0.42	< 5	< 10	181	8	15	51	44		42	
278503	< 5	0.17	28	335	4	0.42	< 5	< 10	183	9	17	56	45		209	
278504	< 5	2.19	21	265	< 2	0.32	< 5	< 10	133	6	15	75	44		1590	
278505	6	7.11	< 4	78	3	0.04	< 5	< 10	29	< 5	14	28	19		2000	
278506	< 5	5.37	6	132	14	0.04	< 5	< 10	34	< 5	13	56	23		1060	
278507	< 5	3.12	9	351	2	0.11	< 5	< 10	74	< 5	17	97	46		6200	
278508	< 5	2.93	16	275	10	0.27	< 5	< 10	125	7	11	173	37		> 10000	10.5

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	FA-AA	FA-GRA
278509	< 5	0.61	< 4	59	11	0.03	< 5	< 10	9	< 5	2	73	12		8610	
278510	< 5	0.48	< 4	60	8	0.02	< 5	< 10	6	< 5	1	49	11		1980	
278511	< 5	1.25	7	166	18	0.12	< 5	< 10	61	< 5	7	270	36		> 10000	17.0
278512	< 5	1.00	7	298	< 2	0.09	< 5	< 10	43	< 5	8	171	52		585	
278513	< 5	0.44	5	228	5	0.02	< 5	< 10	6	< 5	9	95	9		1040	
278514	< 5	0.96	7	118	12	0.20	< 5	< 10	57	9	3	117	23		2130	
278515	< 5	1.62	11	236	11	0.27	< 5	< 10	85	9	12	180	44		3220	
278516	< 5	1.91	19	491	2	0.29	< 5	< 10	85	< 5	19	120	31		3630	
278517	< 5	1.46	18	561	< 2	0.32	< 5	< 10	82	< 5	18	139	28		1790	
278518	< 5	2.08	20	569	3	0.46	< 5	< 10	121	< 5	22	157	47		3820	
278519	< 5	2.18	14	509	3	0.44	< 5	< 10	96	< 5	15	145	41		2180	
278520															1010	
278521	< 5	2.12	15	506	7	0.40	< 5	< 10	93	< 5	14	126	47		2400	
278522	< 5	1.84	16	535	5	0.69	< 5	< 10	185	26	16	159	68		1990	
278523	< 5	2.13	13	258	4	0.32	< 5	< 10	77	11	11	142	49		5730	
278524	< 5	0.73	13	295	12	0.07	< 5	< 10	40	< 5	18	94	31		> 10000	142
278525	< 5	1.02	8	144	4	0.15	< 5	< 10	57	8	7	183	32		> 10000	117
278526	< 5	1.86	20	362	6	0.46	< 5	< 10	173	11	16	688	81		2040	
278527	< 5	1.99	22	453	< 2	0.40	< 5	< 10	140	12	22	875	99		754	
278528	< 5	0.04	30	428	< 2	0.31	6	< 10	157	< 5	11	210	73		8	
278529	< 5	1.01	24	424	5	0.57	< 5	< 10	172	12	15	324	83		102	
278530															< 5	
278531	< 5	0.23	29	445	< 2	0.29	< 5	< 10	145	< 5	17	212	101		103	
278532	< 5	4.29	16	387	3	0.22	< 5	< 10	114	11	15	317	80		35	
278533	8	3.14	14	337	13	0.39	< 5	< 10	135	18	11	936	89		378	
278886	< 5	7.51	< 4	271	< 2	0.20	< 5	< 10	31	< 5	6	55	228		901	

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	31.4	2.00	428	618	1	1380	0.86	2.7	8	14	1100	23.0	12	2	0.05	0.19	8	914	15	0.05	39	0.057	720
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730
GXR-1 Meas	31.8	1.89	431	628	1	1410	0.87	2.4	8	18	1090	23.4	12	< 1	0.05	0.19	8	935	14	0.05	40	0.058	727
GXR-1 Cert	31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650	730
GXR-4 Meas	3.6	6.63	103	178	2	23	1.07	< 0.3	16	42	6240	3.17	18	< 1	3.81	1.69	11	161	320	0.55	43	0.135	53
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
GXR-4 Meas	3.5	6.43	102	147	2	14	1.04	< 0.3	14	46	6150	3.05	17	< 1	3.62	1.63	11	148	313	0.52	45	0.129	58
GXR-4 Cert	4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120	52.0
SDC-1 Meas		8.11	< 3	630	3		1.10		19	46	30	4.90	24	< 1	2.10	0.99	34	846		1.60	35	0.052	22
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690	25.00
SDC-1 Meas		7.58	< 3	581	3		1.02		18	53	26	4.55	23	< 1	2.11	0.92	31	832		1.48	34	0.051	18
SDC-1 Cert		8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690	25.00
GXR-6 Meas	0.5	12.4	205	> 1000	1	< 2	0.17	< 0.3	14	71	65	5.72	28	1	1.77	0.57	32	1040	2	0.10	26	0.032	92
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
GXR-6 Meas	0.4	11.9	224	> 1000	1	< 2	0.17	< 0.3	14	53	64	5.62	28	1	1.82	0.56	32	1030	1	0.10	26	0.032	94
GXR-6 Cert	1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350	101
OREAS 14P Meas									626		8280	30.1									> 10000		
OREAS 14P Cert									750		9970	37.2									21000		
OREAS 14P Meas									600		8010	28.8									> 10000		
OREAS 14P Cert									750		9970	37.2									21000		
Oreas 72a (4 Acid Digest) Meas			6						150	182	313	9.80									6380		
Oreas 72a (4 Acid Digest) Cert			14.7						157	228	316	9.63									6930.000		
Oreas 72a (4 Acid Digest) Meas			< 3						145	182	301	9.81									6090		
Oreas 72a (4 Acid Digest) Cert			14.7						157	228	316	9.63									6930.000		
DNC-1a Meas				93					56	177	97		15				5				252		7
DNC-1a Cert				118					57	270	100		15				5.2				247		6.3
DNC-1a Meas				89					51	218	90		13				4				230		< 3
DNC-1a Cert				118					57	270	100		15				5.2				247		6.3
SBC-1 Meas			17	778	3	2		0.3	23	85	31		28				160		2		86		29
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83		35.0
SBC-1 Meas			24	779	3	< 2		0.4	23	93	30		27				162		2		83		30
SBC-1 Cert			25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83		35.0
SdAR-M2 (U.S.G.S.) Meas				876	7	< 2		4.9	14	56	228		16	2			18		11		50		827
SdAR-M2 (U.S.G.S.) Cert				990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49		808

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
SdAR-M2 (U.S.G.S.) Meas				894	7	< 2		5.0	13	40	216		17	< 1			18		8		49		811
SdAR-M2 (U.S.G.S.) Cert				990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49		808
OREAS 214 Meas																							
OREAS 214 Cert																							
OREAS 214 Meas																							
OREAS 214 Cert																							
OREAS 216 (Fire Assay) Meas																							
OREAS 216 (Fire Assay) Cert																							
OREAS 216 (Fire Assay) Meas																							
OREAS 216 (Fire Assay) Cert																							
OREAS 223 (Fire Assay) Meas																							
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OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire																							

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
OREAS 220 (Fire Assay) Meas																							
OREAS 220 (Fire Assay) Cert																							
278399 Orig																							
278399 Dup																							
278402 Orig	< 0.3	7.37	< 3	35	< 1	< 2	7.97	< 0.3	50	197	126	9.16	18	3	0.18	2.56	15	1900	< 1	1.65	97	0.026	4
278402 Dup	< 0.3	7.22	< 3	32	< 1	< 2	7.77	< 0.3	47	150	113	8.87	17	< 1	0.16	2.48	15	1870	< 1	1.57	89	0.025	< 3
278408 Orig																							
278408 Dup																							
278417 Orig	< 0.3	7.01	6	18	< 1	< 2	8.24	0.4	45	123	111	9.11	16	5	0.09	3.69	16	1520	< 1	1.73	93	0.025	< 3
278417 Dup	0.4	7.37	< 3	19	< 1	< 2	8.52	< 0.3	48	129	117	9.57	16	4	0.10	3.83	16	1530	< 1	1.79	96	0.026	< 3
278418 Orig																							
278418 Dup																							
278438 Split Orig PREP DUP	< 0.3	7.31	5	75	< 1	2	7.87	< 0.3	46	154	127	10.1	17	< 1	0.24	2.89	18	1470	< 1	1.70	83	0.030	< 3
278438 Split PREP DUP	< 0.3	7.22	5	76	< 1	< 2	7.80	< 0.3	46	164	124	9.89	17	< 1	0.24	2.83	18	1450	< 1	1.69	84	0.028	< 3
278438 Orig																							
278438 Dup																							
278443 Orig	< 0.3	7.10	< 3	92	< 1	< 2	7.36	< 0.3	45	150	110	9.32	16	< 1	0.44	3.71	17	1330	< 1	1.76	81	0.033	3
278443 Dup	< 0.3	7.33	3	94	< 1	< 2	7.60	< 0.3	46	141	116	9.50	16	< 1	0.44	3.83	17	1400	< 1	1.83	88	0.033	< 3
278445 Orig																							
278445 Dup																							
278456 Orig																							
278456 Dup																							
278457 Orig	< 0.3	8.09	110	864	< 1	< 2	8.37	< 0.3	50	129	54	7.59	15	< 1	0.77	4.70	26	1340	< 1	1.46	330	0.021	< 3
278457 Dup	0.3	8.26	130	881	< 1	< 2	8.45	< 0.3	52	126	56	7.76	16	< 1	0.78	4.82	27	1360	< 1	1.50	340	0.021	< 3
278472 Orig																							
278472 Dup																							
278479 Orig																							

Analyte Symbol	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P	Pb
Unit Symbol	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%	ppm
Lower Limit	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001	3
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278479 Dup																							
278484 Orig	< 0.3	6.79	3	149	< 1	< 2	11.9	< 0.3	31	84	42	5.77	15	< 1	0.50	2.96	15	1500	< 1	2.28	116	0.033	< 3
278484 Dup	< 0.3	6.62	< 3	147	< 1	< 2	11.6	< 0.3	31	88	40	5.68	14	< 1	0.50	2.92	15	1480	< 1	2.25	113	0.032	< 3
278488 Split Orig PREP DUP	< 0.3	7.59	< 3	153	< 1	< 2	7.93	< 0.3	43	126	93	7.18	17	< 1	0.45	3.28	20	1270	< 1	2.61	103	0.025	< 3
278488 Split PREP DUP	< 0.3	7.56	< 3	147	< 1	< 2	7.77	< 0.3	43	127	90	6.97	17	< 1	0.45	3.22	20	1230	< 1	2.55	102	0.024	< 3
278491 Orig																							
278491 Dup																							
278498 Orig	< 0.3	7.73	13	376	< 1	< 2	5.68	< 0.3	43	126	64	6.75	18	< 1	0.80	4.39	22	974	< 1	2.56	105	0.027	< 3
278498 Dup	< 0.3	7.96	12	386	< 1	< 2	5.77	< 0.3	44	138	59	6.99	18	< 1	0.80	4.50	23	987	< 1	2.66	108	0.030	< 3
278513 Orig																							
278513 Dup																							
278525 Orig	6.3	1.82	500	< 7	< 1	< 2	3.41	0.4	27	270	58	4.53	6	< 1	0.06	2.37	7	795	1	0.55	119	0.035	7
278525 Dup	4.3	1.85	502	< 7	< 1	< 2	3.45	0.3	28	257	60	4.64	6	< 1	0.07	2.40	7	793	1	0.56	121	0.035	9
Method Blank																							
Method Blank																							
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	0.02	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001	< 3
Method Blank	< 0.3	0.03	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1	1	< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1	1	< 1	< 0.01	1	< 0.001	< 3
Method Blank	< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001	< 3
Method Blank																							
Method Blank																							
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Method Blank																							
Method Blank																							

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
GXR-1 Meas	29	0.23	< 4	287	15	0.03	< 5	30	83	160	34	734	24		
GXR-1 Cert	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0		
GXR-1 Meas	37	0.24	< 4	289	11	0.02	< 5	30	85	165	35	742	24		
GXR-1 Cert	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0		
GXR-4 Meas	< 5	1.80	8	223	< 2	0.29	6	< 10	89	35	17	73	41		
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186		
GXR-4 Meas	7	1.70	8	215	< 2	0.27	< 5	< 10	86	31	16	73	40		
GXR-4 Cert	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186		
SDC-1 Meas	< 5		17	181		0.09	< 5	< 10	36	< 5		103	12		
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00		
SDC-1 Meas	< 5		15	167		0.12	< 5	< 10	44	< 5		94	36		
SDC-1 Cert	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00		
GXR-6 Meas	< 5	0.02	27	37	< 2		< 5	< 10	91	< 5	14	128	48		
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110		
GXR-6 Meas	< 5	0.01	26	37	< 2		6	< 10	115	< 5	13	127	54		
GXR-6 Cert	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110		
OREAS 14P Meas															
OREAS 14P Cert															
OREAS 14P Meas															
OREAS 14P Cert															
Oreas 72a (4 Acid Digest) Meas		1.62													
Oreas 72a (4 Acid Digest) Cert		1.74													
Oreas 72a (4 Acid Digest) Meas		1.55													
Oreas 72a (4 Acid Digest) Cert		1.74													
DNC-1a Meas	< 5		31	133		0.28			143		18	58	33		
DNC-1a Cert	0.96		31	144		0.29			148		18.0	70	38.0		
DNC-1a Meas	< 5		29	121		0.26			131		17	57	31		
DNC-1a Cert	0.96		31	144		0.29			148		18.0	70	38.0		
SBC-1 Meas	< 5		21	183		0.52	< 5	< 10	218	< 5	36	189	111		
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0		
SBC-1 Meas	< 5		21	178		0.49	< 5	< 10	214	< 5	36	179	110		
SBC-1 Cert	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0		
SdAR-M2 (U.S.G.S.) Meas			< 4	131				< 10	27	7	28	776	114		
SdAR-M2 (U.S.G.S.) Cert			4.1	144				2.53	25.2	2.8	32.7	760	259		
SdAR-M2			< 4	136				< 10	20	8	28	762	98		

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
(U.S.G.S.) Meas															
SdAR-M2 (U.S.G.S.) Cert			4.1	144				2.53	25.2	2.8	32.7	760	259		
OREAS 214 Meas															3.06
OREAS 214 Cert															3.03
OREAS 214 Meas															3.03
OREAS 214 Cert															3.03
OREAS 216 (Fire Assay) Meas															6.72
OREAS 216 (Fire Assay) Cert															6.66
OREAS 216 (Fire Assay) Meas															6.64
OREAS 216 (Fire Assay) Cert															6.66
OREAS 223 (Fire Assay) Meas														1780	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1780	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1750	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1790	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1740	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 223 (Fire Assay) Meas														1780	
OREAS 223 (Fire Assay) Cert														1780	
OREAS 220 (Fire Assay) Meas														855	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														865	
OREAS 220 (Fire														828	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
Assay) Cert															
OREAS 220 (Fire Assay) Meas														851	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														853	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														867	
OREAS 220 (Fire Assay) Cert														828	
OREAS 220 (Fire Assay) Meas														860	
OREAS 220 (Fire Assay) Cert														828	
278399 Orig														< 5	
278399 Dup														< 5	
278402 Orig	< 5	0.05	45	148	< 2	0.22	< 5	< 10	188	< 5	25	94	11		
278402 Dup	< 5	0.05	44	141	< 2	0.21	< 5	< 10	178	< 5	24	90	10		
278408 Orig														5	
278408 Dup														< 5	
278417 Orig	< 5	0.08	40	110	5	0.36	< 5	< 10	206	< 5	22	78	22		
278417 Dup	< 5	0.08	42	114	< 2	0.40	< 5	< 10	228	< 5	23	85	25		
278418 Orig														6	
278418 Dup														6	
278438 Split Orig PREP DUP	< 5	0.10	46	113	< 2	0.50	< 5	< 10	274	< 5	20	84	23	15	
278438 Split PREP DUP	< 5	0.10	46	112	< 2	0.44	< 5	< 10	244	< 5	20	84	21	16	
278438 Orig														14	
278438 Dup														15	
278443 Orig	< 5	0.05	41	163	< 2	0.19	< 5	< 10	182	< 5	23	83	28		
278443 Dup	< 5	0.05	43	168	< 2	0.23	< 5	< 10	170	< 5	24	85	28		
278445 Orig														8	
278445 Dup														9	
278456 Orig														< 5	
278456 Dup														9	
278457 Orig	< 5	0.05	26	121	< 2	0.37	< 5	< 10	161	< 5	16	60	38		
278457 Dup	< 5	0.05	26	122	< 2	0.38	< 5	< 10	165	< 5	16	61	39		
278472 Orig														12	
278472 Dup														12	
278479 Orig														8	

Analyte Symbol	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Au	Au
Unit Symbol	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	g/tonne
Lower Limit	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	5	0.02
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	FA-AA	FA-GRA
278479 Dup														12	
278484 Orig	< 5	0.04	17	286	9	0.19	< 5	< 10	76	< 5	15	54	41		
278484 Dup	< 5	0.04	18	283	< 2	0.22	< 5	< 10	93	< 5	15	53	49		
278488 Split Orig PREP DUP	< 5	0.02	34	193	6	0.40	< 5	< 10	184	< 5	21	67	46	12	
278488 Split PREP DUP	< 5	0.02	34	190	16	0.38	< 5	< 10	176	< 5	21	66	45	19	
278491 Orig														16	
278491 Dup														14	
278498 Orig	< 5	0.01	35	203	< 2	0.42	< 5	< 10	191	< 5	22	61	53		
278498 Dup	< 5	0.02	35	207	3	0.49	< 5	< 10	212	< 5	22	63	55		
278513 Orig														1060	
278513 Dup														1020	
278525 Orig	< 5	1.03	8	142	3	0.15	< 5	< 10	56	7	7	177	32	> 10000	
278525 Dup	< 5	1.02	8	146	5	0.15	< 5	< 10	58	9	7	189	32	> 10000	
Method Blank														< 5	
Method Blank														< 5	
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	3	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	5	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5		
Method Blank														< 5	
Method Blank														< 5	
Method Blank														< 5	
Method Blank														8	
Method Blank														< 5	
Method Blank														< 5	
Method Blank														< 5	
Method Blank															< 0.02

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Aug-17
Invoice No.: A17-08160
Invoice Date: 25-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

88 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Dryden (10000ppb) Au - Fire Assay AA (QOP AA-Au)

REPORT **A17-08160**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 03-Aug-17
Invoice No.: A17-08160
Invoice Date: 25-Aug-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

88 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-08160**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278534	6	< 0.3	9.03	< 3	62	< 1	< 2	6.78	< 0.3	46	217	67	7.20	16	< 1	0.13	4.93	20	1130	< 1	2.26	187	0.022
278535	6	< 0.3	8.59	< 3	49	< 1	< 2	7.22	< 0.3	45	172	59	7.01	15	< 1	0.13	4.73	20	1110	< 1	2.04	183	0.019
278536	9	< 0.3	9.10	< 3	47	< 1	< 2	7.04	< 0.3	46	171	77	7.20	17	2	0.12	4.96	22	1100	< 1	2.20	189	0.019
278537	8	< 0.3	9.01	< 3	43	< 1	< 2	7.59	< 0.3	46	150	71	7.17	18	2	0.12	4.86	22	1150	< 1	2.24	173	0.020
278538	< 5	< 0.3	8.34	5	160	< 1	< 2	7.77	< 0.3	43	123	55	6.75	16	< 1	0.37	4.34	21	1160	< 1	2.14	150	0.030
278539	5	< 0.3	8.34	4	103	< 1	< 2	7.66	< 0.3	44	124	69	6.75	17	< 1	0.40	4.23	30	1100	< 1	2.12	148	0.022
278540	6	< 0.3	8.57	< 3	118	< 1	< 2	7.70	< 0.3	44	140	67	7.18	17	3	0.45	4.43	30	1110	< 1	2.16	153	0.024
278541	6	< 0.3	8.23	3	53	< 1	< 2	9.84	< 0.3	41	121	71	6.46	16	< 1	0.21	4.07	20	1160	< 1	2.07	140	0.025
278542	8	< 0.3	8.96	< 3	56	< 1	< 2	7.12	< 0.3	44	161	63	7.11	17	2	0.20	4.46	23	1010	< 1	2.55	146	0.021
278543	6	< 0.3	3.21	< 3	255	< 1	< 2	6.40	< 0.3	39	192	42	5.75	15	< 1	0.51	2.61	19	1070	< 1	1.95	115	0.036
278544	< 5	0.3	4.49	< 3	908	2	< 2	5.13	< 0.3	26	118	55	5.77	19	< 1	0.97	2.64	41	1050	< 1	2.02	24	0.100
278545	6	< 0.3	7.16	< 3	162	< 1	< 2	7.65	< 0.3	40	243	63	6.75	16	< 1	0.29	3.86	18	1040	< 1	1.83	115	0.036
278546	7	< 0.3	8.62	4	34	< 1	< 2	8.88	< 0.3	45	183	75	7.17	17	2	0.12	4.24	18	1140	< 1	1.66	142	0.020
278547	8	< 0.3	8.50	< 3	29	< 1	< 2	8.07	< 0.3	47	119	81	7.90	18	5	0.11	4.59	19	1140	< 1	1.89	133	0.020
278548	6	< 0.3	8.05	< 3	29	< 1	< 2	8.02	< 0.3	46	116	68	7.70	17	< 1	0.10	4.47	16	1150	< 1	1.94	123	0.021
278549	7	< 0.3	8.09	< 3	30	< 1	< 2	7.49	< 0.3	47	120	82	8.04	18	6	0.11	4.59	16	1110	< 1	1.96	123	0.024
278550	1090	< 0.3	6.79	5	152	< 1	< 2	7.06	0.3	45	140	152	8.52	15	< 1	0.25	4.15	13	1340	< 1	2.18	100	0.036
278551	7	< 0.3	6.92	< 3	46	< 1	< 2	7.42	< 0.3	40	141	73	7.26	16	< 1	0.18	4.21	25	1080	< 1	1.59	95	0.022
278552	< 5	< 0.3	6.88	< 3	23	< 1	< 2	9.40	< 0.3	42	94	132	8.77	18	< 1	0.12	3.93	17	1290	< 1	1.41	54	0.032
278553	9	< 0.3	3.34	11	20	< 1	< 2	7.09	< 0.3	44	142	78	7.80	17	3	0.10	2.83	14	1100	< 1	1.35	58	0.031
278554	10	< 0.3	5.70	< 3	23	< 1	3	8.22	< 0.3	42	217	64	8.47	18	< 1	0.13	3.51	14	1210	< 1	1.58	62	0.034
278555	9	< 0.3	7.03	6	24	< 1	< 2	7.26	< 0.3	45	224	79	8.29	18	< 1	0.13	4.11	24	1130	< 1	1.71	77	0.031
278556	10	< 0.3	7.51	< 3	24	< 1	< 2	7.44	< 0.3	45	194	94	8.66	18	3	0.10	4.47	15	1170	< 1	2.03	82	0.025
278557	14	< 0.3	6.86	< 3	21	< 1	3	8.44	< 0.3	41	137	100	7.80	17	< 1	0.09	3.75	14	1100	< 1	1.78	76	0.022
278558	14	< 0.3	7.24	< 3	27	< 1	< 2	8.10	< 0.3	42	107	82	8.10	17	< 1	0.12	3.85	12	1250	< 1	2.27	82	0.020
278559	8	< 0.3	7.45	< 3	123	< 1	< 2	8.07	< 0.3	42	107	62	8.26	17	4	0.31	3.98	24	1210	< 1	2.27	84	0.024
278560	< 5	< 0.3	0.07	< 3	13	< 1	< 2	30.0	< 0.3	< 1	4	1	0.11	2	< 1	0.01	2.13	< 1	115	< 1	0.03	< 1	0.006
278561	< 5	< 0.3	7.20	< 3	188	< 1	< 2	8.57	< 0.3	39	115	33	7.27	16	< 1	0.40	3.84	18	1140	< 1	2.49	86	0.030
278562	13	< 0.3	7.58	< 3	66	< 1	< 2	8.18	< 0.3	41	149	37	7.26	17	< 1	0.23	3.98	14	1100	< 1	2.43	91	0.025
278563	12	< 0.3	3.45	3	244	1	< 2	5.83	< 0.3	38	157	64	6.32	16	< 1	0.68	3.07	24	1010	< 1	1.91	82	0.052
278564	6	< 0.3	4.49	< 3	797	3	< 2	5.79	< 0.3	33	124	64	6.25	16	< 1	1.27	2.92	41	1040	< 1	2.26	55	0.141
278565	13	< 0.3	7.65	< 3	127	< 1	< 2	7.88	< 0.3	43	199	62	6.97	18	1	0.52	4.37	24	1080	< 1	2.40	116	0.027
278566	17	< 0.3	7.28	4	119	< 1	< 2	8.70	< 0.3	43	179	48	7.00	15	< 1	0.51	4.70	31	1070	< 1	1.90	120	0.024
278567	8	< 0.3	7.97	< 3	49	< 1	< 2	7.77	< 0.3	48	132	57	7.37	18	< 1	0.13	4.59	14	1020	< 1	2.15	140	0.023
278568	7	< 0.3	7.74	3	41	< 1	< 2	7.35	< 0.3	41	101	40	7.43	18	< 1	0.12	4.37	16	995	< 1	2.13	131	0.025
278569	5	< 0.3	7.90	11	50	< 1	< 2	7.62	0.4	51	112	85	6.83	18	7	0.11	3.80	11	921	< 1	2.39	159	0.025
278570	5	< 0.3	8.22	< 3	55	< 1	< 2	7.79	< 0.3	53	201	65	7.21	18	1	0.15	4.18	13	965	< 1	2.39	164	0.025
278571	8	< 0.3	7.76	< 3	259	1	< 2	6.95	< 0.3	46	123	55	6.36	17	2	0.49	4.12	22	914	< 1	2.37	133	0.051
278572	10	< 0.3	7.67	< 3	229	< 1	< 2	7.66	< 0.3	47	140	40	6.80	16	< 1	0.40	4.43	17	1050	< 1	2.06	147	0.021
278573	11	< 0.3	7.41	9	436	< 1	< 2	8.06	< 0.3	43	225	37	6.47	16	< 1	0.57	3.41	20	1110	< 1	2.34	145	0.026
278574	22	< 0.3	7.76	13	511	< 1	< 2	9.54	< 0.3	41	225	18	6.63	16	< 1	0.94	3.38	24	1310	< 1	2.39	144	0.022
278575	63	< 0.3	7.73	33	375	< 1	< 2	8.86	< 0.3	45	172	64	6.58	17	< 1	0.82	2.67	21	1170	< 1	3.13	148	0.022

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278576	240	< 0.3	3.66	3150	53	< 1	< 2	3.10	2.6	29	37	112	4.99	11	2	0.16	0.90	7	627	2	2.19	38	0.028
278577	1250	< 0.3	2.07	490	62	< 1	3	20.6	0.5	17	18	157	6.98	8	< 1	0.18	1.16	5	2720	< 1	1.23	28	0.007
278578	2820	0.5	5.93	1230	225	< 1	< 2	6.64	< 0.3	44	153	263	9.42	14	< 1	0.36	1.47	8	1570	1	4.36	110	0.024
278579	1710	0.4	4.88	839	140	< 1	< 2	13.4	1.0	22	88	217	6.97	12	< 1	0.24	1.57	7	2380	1	3.36	55	0.034
278580	1040	0.4	6.85	5	152	< 1	< 2	7.12	< 0.3	45	168	157	8.53	15	< 1	0.25	4.20	13	1370	< 1	2.18	101	0.038
278581	1840	0.5	3.60	469	132	< 1	< 2	12.4	0.5	27	49	243	10.6	11	< 1	0.19	1.73	5	2400	2	2.53	43	0.026
278582	1290	< 0.3	2.73	298	87	< 1	2	8.15	0.5	22	38	169	7.73	10	< 1	0.11	1.67	3	1700	1	2.77	33	0.024
278583	1560	< 0.3	3.59	275	185	< 1	4	6.83	0.5	20	36	204	7.94	14	< 1	0.24	1.78	6	1460	< 1	2.81	32	0.029
278584	1080	< 0.3	1.87	286	41	< 1	< 2	4.11	< 0.3	14	34	104	5.09	7	< 1	0.04	1.11	2	1040	< 1	1.50	21	0.011
278585	3000	0.6	3.81	300	82	< 1	< 2	4.57	0.6	27	57	223	7.97	9	< 1	0.16	1.73	7	1160	< 1	2.54	48	0.023
278586	502	< 0.3	3.52	968	47	< 1	< 2	8.81	1.7	20	34	130	5.65	10	< 1	0.04	1.24	2	1560	< 1	2.77	26	0.037
278587	459	< 0.3	4.55	762	33	< 1	< 2	7.37	1.3	20	27	182	5.93	12	< 1	0.03	1.27	1	1520	3	3.63	26	0.076
278588	780	0.8	4.99	378	72	< 1	< 2	1.73	4.4	46	77	686	16.3	15	< 1	0.08	1.49	4	1110	3	3.64	68	0.034
278589	1960	4.7	4.44	711	36	< 1	< 2	0.86	5.9	59	63	920	19.4	15	5	0.08	1.24	3	953	7	3.35	84	0.030
278590	< 5	< 0.3	0.07	3	13	< 1	< 2	29.3	< 0.3	< 1	4	3	0.13	2	< 1	< 0.01	2.07	< 1	129	< 1	0.03	2	0.007
278591	706	1.1	5.15	187	62	< 1	2	0.60	4.4	54	78	401	18.3	15	< 1	0.18	0.99	6	432	2	4.02	83	0.037
278592	1040	0.7	5.18	172	65	< 1	< 2	1.24	1.9	35	68	312	13.5	23	5	0.23	2.75	13	962	3	3.24	53	0.046
278593	6990	0.6	4.65	515	24	< 1	< 2	3.51	0.7	29	43	173	8.24	15	< 1	0.04	1.73	3	1300	< 1	3.27	41	0.049
278594	1450	< 0.3	3.10	1410	10	< 1	< 2	4.59	< 0.3	34	79	136	5.87	10	< 1	0.02	1.46	2	1230	< 1	2.36	48	0.084
278595	1200	0.4	4.76	828	88	< 1	< 2	7.83	0.6	47	77	185	9.47	13	< 1	0.08	2.92	5	2170	< 1	3.39	77	0.028
278596	754	0.3	1.10	661	43	< 1	< 2	9.68	0.8	42	16	294	13.4	3	< 1	0.14	0.72	5	2580	< 1	0.71	53	0.039
278597	79	0.7	1.39	21	105	< 1	< 2	9.08	0.6	33	22	307	12.6	6	< 1	0.24	0.80	7	2550	1	0.71	50	0.015
278598	185	1.8	4.08	< 3	167	< 1	< 2	1.42	2.8	59	63	771	20.7	13	< 1	0.23	0.79	7	929	2	2.99	92	0.037
278599	46	0.6	7.05	33	136	< 1	< 2	3.57	1.9	29	43	147	5.77	19	< 1	0.28	1.46	7	1230	2	5.22	66	0.057
278600	71	0.8	6.20	45	122	< 1	< 2	2.64	3.1	38	48	291	10.0	16	3	0.21	1.04	5	1080	2	4.60	62	0.041
278601	236	0.5	4.29	173	104	< 1	< 2	4.37	1.4	37	73	114	5.26	15	< 1	0.17	1.55	6	1180	< 1	3.70	68	0.043
278602	296	0.3	5.72	50	149	< 1	< 2	8.16	0.3	62	168	203	9.23	15	4	0.32	3.49	10	2150	< 1	2.49	127	0.062
278603	131	0.4	5.92	26	163	1	< 2	7.37	< 0.3	47	473	83	7.03	15	< 1	0.34	4.94	11	1550	< 1	2.45	201	0.101
278604	621	0.4	5.96	636	24	< 1	< 2	6.00	2.1	39	46	137	5.38	16	1	0.08	1.17	5	1030	3	3.39	43	0.045
278605	73	< 0.3	5.25	45	242	< 1	< 2	9.49	< 0.3	68	99	303	10.8	13	3	0.56	4.24	18	1540	< 1	0.88	165	0.035
278606	39	< 0.3	5.31	73	334	< 1	< 2	9.06	0.3	68	83	274	10.9	15	< 1	0.72	3.91	20	1580	< 1	0.97	132	0.037
278607	186	0.4	6.44	4	173	2	< 2	7.50	< 0.3	48	154	196	7.53	16	< 1	0.48	4.00	13	1320	< 1	2.90	124	0.103
278608	62	0.9	5.77	< 3	189	1	< 2	3.57	2.4	43	67	236	9.52	16	< 1	0.35	1.11	8	701	3	3.88	71	0.051
278609	54	0.6	5.85	89	154	2	< 2	4.57	1.1	41	72	208	8.23	16	< 1	0.94	1.96	16	1330	1	3.76	62	0.064
278610	1060	0.3	6.63	4	151	< 1	3	7.02	< 0.3	46	192	149	8.24	15	< 1	0.24	4.13	13	1350	< 1	2.15	103	0.035
278611	151	0.9	5.65	193	79	< 1	3	2.05	3.9	60	81	258	11.4	15	< 1	0.15	1.20	4	610	3	3.98	85	0.041
278612	545	0.4	3.73	435	38	< 1	< 2	2.91	3.9	29	44	117	4.69	12	< 1	0.07	0.95	3	884	2	2.71	35	0.029
278613	1100	0.3	4.76	200	100	< 1	< 2	3.90	1.1	26	135	76	3.76	12	< 1	0.24	2.44	8	863	< 1	2.62	107	0.052
278614	376	0.4	5.58	< 3	17	< 1	< 2	9.90	< 0.3	65	86	335	11.2	15	1	0.07	3.35	11	2350	< 1	1.55	121	0.035
278615	12	< 0.3	7.76	7	152	< 1	< 2	8.42	0.3	38	103	129	6.02	15	< 1	0.42	3.81	18	1080	< 1	1.69	155	0.021
278616	8	< 0.3	8.60	4	65	< 1	< 2	8.24	< 0.3	46	124	69	7.18	16	4	0.25	4.63	19	1180	< 1	1.70	181	0.025
278617	8	< 0.3	8.81	< 3	100	< 1	< 2	7.68	< 0.3	45	123	82	7.31	16	2	0.28	4.65	21	1070	< 1	1.68	174	0.024

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278618	7	< 0.3	8.82	3	42	< 1	< 2	7.79	< 0.3	44	146	97	7.37	17	< 1	0.11	4.68	16	1100	< 1	1.73	173	0.024
278619	< 5	< 0.3	8.61	< 3	143	< 1	< 2	7.72	< 0.3	42	165	56	6.73	16	2	0.25	4.10	22	998	< 1	1.98	163	0.022
278620	< 5	< 0.3	0.16	< 3	15	< 1	< 2	27.7	< 0.3	< 1	4	1	0.13	2	< 1	0.01	1.62	1	128	< 1	0.05	1	0.006
278621	7	< 0.3	5.67	< 3	153	< 1	< 2	7.55	< 0.3	45	228	75	6.57	16	< 1	0.20	3.49	20	1020	< 1	1.78	151	0.022

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278534	< 3	< 5	0.03	28	138	5	0.40	< 5	< 10	171	< 5	16	57	34	2.76
278535	< 3	< 5	0.02	27	154	< 2	0.31	< 5	< 10	142	< 5	15	56	21	2.36
278536	< 3	< 5	0.02	28	148	< 2	0.26	< 5	< 10	132	< 5	15	55	21	3.05
278537	< 3	< 5	0.02	27	153	< 2	0.27	< 5	< 10	137	< 5	16	57	22	3.31
278538	5	< 5	0.04	26	153	< 2	0.30	< 5	< 10	140	< 5	16	57	25	3.28
278539	4	< 5	0.05	27	152	< 2	0.36	< 5	< 10	161	< 5	15	52	22	1.48
278540	< 3	< 5	0.06	28	154	6	0.37	< 5	< 10	166	< 5	16	55	23	1.44
278541	< 3	< 5	0.05	25	164	< 2	0.37	6	< 10	151	< 5	15	52	35	3.33
278542	< 3	< 5	0.02	26	177	4	0.32	< 5	< 10	149	< 5	16	58	24	3.29
278543	6	< 5	0.01	7	183	< 2	0.34	< 5	< 10	163	< 5	8	53	32	3.13
278544	< 3	< 5	0.09	8	289	8	0.44	< 5	< 10	175	< 5	21	81	118	3.06
278545	< 3	< 5	0.04	19	162	< 2	0.40	< 5	< 10	168	< 5	16	63	39	3.68
278546	< 3	< 5	0.02	28	131	< 2	0.25	< 5	< 10	127	< 5	17	56	19	3.41
278547	< 3	< 5	0.01	31	118	9	0.22	< 5	< 10	127	< 5	18	67	21	3.28
278548	< 3	< 5	0.01	31	111	8	0.28	< 5	< 10	148	< 5	17	61	19	3.30
278549	< 3	< 5	0.03	33	106	7	0.37	< 5	< 10	176	< 5	17	65	22	2.24
278550	5	< 5	0.20	45	100	11	0.44	< 5	< 10	218	< 5	22	72	38	
278551	< 3	< 5	0.03	31	93	6	0.36	< 5	< 10	161	< 5	15	61	21	2.25
278552	< 3	< 5	0.19	38	97	< 2	0.44	< 5	< 10	193	< 5	26	68	26	2.22
278553	6	< 5	0.02	17	93	4	0.53	< 5	< 10	236	< 5	11	60	28	3.61
278554	< 3	< 5	0.03	26	110	15	0.58	< 5	< 10	247	< 5	17	65	34	3.33
278555	< 3	< 5	0.03	38	107	3	0.55	< 5	< 10	236	< 5	19	71	51	3.02
278556	< 3	< 5	0.01	39	123	< 2	0.22	< 5	< 10	163	< 5	20	69	35	3.15
278557	< 3	< 5	0.03	36	132	6	0.18	< 5	< 10	137	< 5	20	63	25	3.19
278558	< 3	< 5	0.02	37	151	< 2	0.19	< 5	< 10	114	< 5	21	58	29	3.16
278559	< 3	< 5	0.03	36	155	< 2	0.22	< 5	< 10	120	< 5	22	62	26	3.18
278560	< 3	< 5	< 0.01	< 4	66	< 2	< 0.01	< 5	< 10	< 2	< 5	2	3	< 5	0.384
278561	< 3	< 5	0.05	34	158	5	0.41	< 5	< 10	179	< 5	20	42	38	3.12
278562	< 3	< 5	< 0.01	35	185	11	0.26	< 5	< 10	145	< 5	20	44	36	2.86
278563	< 3	< 5	0.04	8	189	10	0.45	< 5	< 10	192	< 5	11	47	46	3.89
278564	< 3	< 5	0.09	8	302	< 2	0.49	< 5	< 10	191	< 5	15	69	89	4.00
278565	< 3	< 5	0.04	35	174	4	0.28	< 5	< 10	143	< 5	19	40	35	4.16
278566	< 3	< 5	0.10	33	158	4	0.16	6	< 10	92	< 5	19	47	17	3.61
278567	< 3	< 5	0.04	34	169	3	0.23	< 5	< 10	129	< 5	19	49	32	3.62
278568	< 3	< 5	0.02	33	163	< 2	0.19	< 5	< 10	105	< 5	19	35	30	3.82
278569	< 3	7	0.10	33	205	< 2	0.16	17	< 10	81	< 5	19	52	21	1.80
278570	< 3	< 5	0.07	35	217	4	0.30	< 5	< 10	137	< 5	19	57	34	2.08
278571	< 3	< 5	0.07	32	211	< 2	0.17	< 5	< 10	90	< 5	20	55	30	4.03
278572	4	< 5	< 0.01	32	177	< 2	0.23	< 5	< 10	126	< 5	18	42	41	4.06
278573	3	< 5	0.04	31	186	9	0.45	< 5	< 10	195	< 5	16	42	46	3.49
278574	< 3	< 5	0.03	30	234	6	0.27	< 5	< 10	150	< 5	16	54	41	3.87

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278575	< 3	< 5	0.26	33	196	< 2	0.15	< 5	< 10	106	< 5	17	67	19	2.49
278576	4	< 5	1.53	10	157	4	0.16	< 5	< 10	48	15	8	598	57	4.06
278577	11	< 5	1.92	11	795	9	0.04	< 5	< 10	58	6	11	66	11	2.43
278578	5	< 5	3.45	18	403	10	0.37	< 5	< 10	111	25	10	100	41	1.33
278579	7	5	1.51	20	577	2	0.23	< 5	< 10	91	19	19	98	30	1.35
278580	6	< 5	0.21	45	102	8	0.54	< 5	< 10	254	< 5	22	74	43	
278581	14	< 5	2.78	14	502	< 2	0.15	< 5	< 10	95	12	13	111	46	1.23
278582	7	< 5	1.81	9	523	4	0.17	< 5	< 10	82	13	8	88	68	1.21
278583	7	< 5	1.77	12	482	< 2	0.17	< 5	< 10	121	10	9	101	68	1.24
278584	6	< 5	1.42	6	191	< 2	0.05	< 5	< 10	47	< 5	5	94	20	1.09
278585	5	< 5	3.84	11	216	< 2	0.19	< 5	< 10	77	8	8	89	40	1.29
278586	7	< 5	1.35	11	650	3	0.23	< 5	< 10	55	13	12	191	46	1.25
278587	6	< 5	1.72	8	456	< 2	0.13	< 5	< 10	33	15	11	160	56	1.23
278588	20	< 5	4.37	14	235	12	0.22	< 5	< 10	91	18	10	965	97	1.48
278589	25	< 5	5.18	12	148	< 2	0.18	< 5	< 10	66	21	10	1270	93	1.19
278590	< 3	< 5	0.01	< 4	65	< 2	< 0.01	< 5	< 10	3	< 5	2	5	< 5	0.922
278591	26	< 5	5.05	11	187	8	0.23	6	< 10	62	21	10	1080	121	1.49
278592	15	< 5	3.59	8	215	4	0.30	< 5	< 10	119	9	11	486	177	1.14
278593	7	< 5	2.60	10	274	< 2	0.26	< 5	< 10	64	13	11	180	109	1.75
278594	6	< 5	1.44	10	314	3	0.44	< 5	< 10	70	22	10	97	47	1.25
278595	7	< 5	1.91	20	588	4	0.32	< 5	< 10	103	< 5	13	143	64	1.74
278596	16	< 5	3.64	4	190	4	0.05	< 5	< 10	34	< 5	12	54	20	1.86
278597	20	< 5	4.22	7	105	3	0.05	< 5	< 10	44	< 5	10	187	25	1.64
278598	41	< 5	5.31	12	115	6	0.20	< 5	< 10	74	11	8	1020	74	1.79
278599	17	< 5	1.48	14	257	3	0.35	< 5	< 10	97	10	17	676	139	1.39
278600	23	< 5	2.77	12	224	6	0.28	< 5	< 10	73	13	14	998	124	1.07
278601	12	< 5	1.20	9	289	< 2	0.38	< 5	< 10	97	12	10	452	92	3.86
278602	< 3	< 5	0.87	27	478	4	0.71	< 5	< 10	203	6	17	136	75	2.25
278603	10	< 5	1.21	22	474	10	0.44	< 5	< 10	153	< 5	16	137	88	3.06
278604	10	< 5	1.31	11	369	4	0.26	< 5	< 10	61	12	12	597	106	1.34
278605	9	< 5	0.40	29	287	< 2	0.36	< 5	< 10	130	< 5	16	125	42	3.68
278606	5	< 5	0.23	29	278	6	0.21	6	< 10	93	< 5	16	126	21	3.65
278607	8	< 5	1.78	22	557	< 2	0.38	< 5	< 10	149	< 5	17	125	87	2.48
278608	30	< 5	2.92	13	265	< 2	0.20	7	< 10	74	14	11	1170	102	2.77
278609	7	< 5	2.08	18	244	< 2	0.39	< 5	< 10	124	7	15	491	90	2.93
278610	8	< 5	0.19	45	100	< 2	0.15	< 5	< 10	140	< 5	22	74	19	
278611	15	< 5	3.78	15	177	6	0.23	< 5	< 10	82	13	12	1180	105	2.45
278612	10	< 5	1.66	7	145	< 2	0.15	< 5	< 10	40	18	7	980	64	1.31
278613	10	< 5	1.24	13	241	< 2	0.18	< 5	< 10	71	7	9	215	63	1.10
278614	7	< 5	0.44	29	370	4	0.32	< 5	< 10	157	< 5	17	137	48	1.17
278615	< 3	< 5	0.04	23	145	6	0.30	< 5	< 10	130	< 5	14	54	30	7.12

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278616	< 3	< 5	0.01	27	141	9	0.33	< 5	< 10	146	< 5	16	57	25	1.86
278617	4	< 5	0.02	27	134	< 2	0.32	< 5	< 10	150	< 5	16	60	25	2.50
278618	< 3	< 5	0.03	28	123	< 2	0.36	< 5	< 10	159	< 5	18	63	26	3.75
278619	< 3	< 5	0.05	27	124	< 2	0.26	< 5	< 10	112	< 5	16	56	18	3.08
278620	< 3	< 5	< 0.01	< 4	62	< 2	< 0.01	< 5	< 10	3	< 5	2	3	< 5	0.426
278621	< 3	< 5	0.04	14	109	8	0.37	< 5	< 10	162	< 5	11	59	19	3.88

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		29.4	1.93	434	652	1	1220	0.90	2.8	5	14	1060	22.1	10	< 1	0.05	0.19	8	920	14	0.05	37	0.057
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.5	6.39	109	259	2	23	1.11	0.4	15	34	6320	3.14	20	1	2.94	1.68	11	175	312	0.54	45	0.131
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			7.76	3	664	3		1.16		19	38	31	4.74	23	< 1	1.75	1.00	33	869		1.57	37	0.053
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.4	12.0	250	> 1000	1	< 2	0.18	< 0.3	15	56	64	5.51	29	2	1.55	0.58	31	1030	2	0.10	27	0.034
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
OREAS 14P Meas										621		7480	26.9									> 10000	
OREAS 14P Cert										750		9970	37.2									21000	
Oreas 72a (4 Acid Digest) Meas				5						162	160	306	9.44									6180	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
DNC-1a Meas					104					58	151	99		14				5				245	
DNC-1a Cert					118					57	270	100		15				5.2				247	
SBC-1 Meas				23	808	3	< 2		0.5	23	80	30		27				160		2		82	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					987	7	< 2		5.3	15	35	234		18	2			18		12		50	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49	
OREAS 223 (Fire Assay) Meas	1810																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1730																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1820																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 220 (Fire Assay) Meas	850																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	856																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	872																						
OREAS 220 (Fire Assay) Cert	828																						
278544 Orig	< 5																						
278544 Dup	< 5																						
278546 Orig		< 0.3	8.64	3	34	< 1	< 2	8.94	< 0.3	45	186	77	7.26	17	1	0.12	4.30	18	1150	< 1	1.69	143	0.020
278546 Dup		< 0.3	8.59	4	33	< 1	< 2	8.82	< 0.3	44	179	72	7.07	17	3	0.12	4.18	18	1130	< 1	1.63	140	0.020
278553 Orig	9																						
278553 Dup	9																						
278560 Orig		0.3	0.08	< 3	13	< 1	< 2	30.1	< 0.3	< 1	4	1	0.11	3	< 1	0.02	2.15	< 1	122	< 1	0.03	< 1	0.006
278560 Dup		< 0.3	0.06	< 3	13	< 1	< 2	29.8	< 0.3	< 1	4	1	0.10	2	< 1	0.01	2.10	< 1	109	< 1	0.03	2	0.005
278562 Orig	15																						
278562 Dup	11																						
278578 Orig	2810																						
278578 Dup	2830																						
278583 Split Orig PREP DUP	1560	< 0.3	3.59	275	185	< 1	4	6.83	0.5	20	36	204	7.94	14	< 1	0.24	1.78	6	1460	< 1	2.81	32	0.029
278583 Split PREP DUP	1800	0.4	3.88	276	191	< 1	5	6.91	0.8	21	37	202	8.06	15	< 1	0.25	1.81	6	1480	< 1	2.84	33	0.030
278584 Orig		< 0.3	1.88	306	42	< 1	< 2	4.13	0.4	14	37	106	5.12	7	< 1	0.04	1.12	2	1050	1	1.51	21	0.011
278584 Dup		< 0.3	1.86	267	41	< 1	< 2	4.08	< 0.3	14	31	103	5.07	6	< 1	0.04	1.10	2	1020	< 1	1.48	21	0.011
278589 Orig	2060																						
278589 Dup	1870																						
278598 Orig	168	1.9	4.09	< 3	164	< 1	3	1.44	2.9	60	62	772	20.7	13	1	0.24	0.79	7	926	2	2.99	93	0.037
278598 Dup	202	1.8	4.07	7	169	< 1	< 2	1.40	2.7	58	63	771	20.6	13	< 1	0.23	0.78	7	933	3	2.98	91	0.036
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		2	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	5																						
Method Blank	< 5																						

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	688	21	0.23	< 4	278	10	0.03	< 5	30	82	149	32	698	23
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-4 Meas	55	< 5	1.74	8	215	8	0.28	< 5	< 10	86	32	16	73	42
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
SDC-1 Meas	23	< 5		17	174		0.09	< 5	< 10	32	< 5		98	23
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
GXR-6 Meas	88	< 5	0.01	27	38	< 2		9	< 10	112	< 5	12	119	58
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
OREAS 14P Meas														
OREAS 14P Cert														
Oreas 72a (4 Acid Digest) Meas			1.54											
Oreas 72a (4 Acid Digest) Cert			1.74											
DNC-1a Meas	3	< 5		31	129		0.28			141		17	58	32
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
SBC-1 Meas	31	< 5		21	173		0.50	< 5	< 10	211	< 5	34	171	109
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SdAR-M2 (U.S.G.S.) Meas	807			4	143				< 10	27	8	30	774	97
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire														

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
278544 Orig														
278544 Dup														
278546 Orig	< 3	< 5	0.02	28	132	3	0.26	< 5	< 10	140	< 5	18	57	20
278546 Dup	< 3	< 5	0.02	28	131	< 2	0.24	< 5	< 10	114	< 5	17	56	18
278553 Orig														
278553 Dup														
278560 Orig	< 3	< 5	< 0.01	< 4	66	< 2	< 0.01	< 5	< 10	4	< 5	2	4	< 5
278560 Dup	< 3	7	< 0.01	< 4	66	< 2	< 0.01	< 5	< 10	< 2	< 5	2	3	< 5
278562 Orig														
278562 Dup														
278578 Orig														
278578 Dup														
278583 Split Orig PREP DUP	7	< 5	1.77	12	482	< 2	0.17	< 5	< 10	121	10	9	101	68
278583 Split PREP DUP	8	< 5	1.84	13	492	< 2	0.18	< 5	< 10	123	11	10	105	72
278584 Orig	6	< 5	1.37	6	192	< 2	0.05	< 5	< 10	48	< 5	5	94	20
278584 Dup	7	< 5	1.47	6	190	< 2	0.05	< 5	< 10	47	< 5	4	94	20
278589 Orig														
278589 Dup														
278598 Orig	42	< 5	5.54	12	115	5	0.20	< 5	< 10	74	12	8	1020	74
278598 Dup	39	< 5	5.08	12	114	7	0.20	< 5	< 10	74	10	8	1010	74
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														

Quality Analysis ... *Innovative Technologies*

Date Submitted: 10-Aug-17
Invoice No.: A17-08446
Invoice Date: 19-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

146 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Dryden (10000ppb) Au - Fire Assay AA (QOP AA-Au)

REPORT **A17-08446**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 10-Aug-17
Invoice No.: A17-08446
Invoice Date: 19-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

146 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-08446**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278622	9	< 0.3	7.75	< 3	296	< 1	< 2	6.88	< 0.3	38	211	54	6.03	15	< 1	0.35	4.03	24	802	< 1	1.64	140	0.019
278623	6	< 0.3	7.72	< 3	71	< 1	< 2	6.32	0.4	38	195	56	6.05	14	< 1	0.16	4.00	21	764	< 1	1.70	137	0.016
278624	< 5	< 0.3	7.58	< 3	38	< 1	< 2	7.01	< 0.3	38	109	37	5.99	14	< 1	0.10	3.81	17	808	< 1	1.73	129	0.016
278625	< 5	< 0.3	7.26	< 3	34	< 1	< 2	7.74	0.3	36	124	58	5.67	13	< 1	0.09	3.70	13	870	< 1	1.77	114	0.016
278626	< 5	< 0.3	8.21	< 3	40	< 1	< 2	6.61	< 0.3	40	177	56	6.52	16	< 1	0.10	4.21	19	867	< 1	1.86	127	0.020
278627	5	< 0.3	7.47	< 3	42	< 1	< 2	6.40	< 0.3	38	187	55	6.13	15	< 1	0.10	3.98	15	816	< 1	1.91	117	0.019
278628	< 5	< 0.3	7.53	< 3	40	< 1	< 2	6.28	0.3	41	194	55	6.24	15	< 1	0.11	4.05	16	800	< 1	1.87	115	0.018
278629	5	< 0.3	7.43	< 3	35	< 1	< 2	7.07	< 0.3	39	201	60	6.20	15	1	0.11	3.79	15	911	< 1	1.85	110	0.022
278630	5	< 0.3	7.21	< 3	34	< 1	< 2	6.61	< 0.3	39	208	80	6.14	15	< 1	0.10	3.73	14	884	< 1	1.82	111	0.021
278631	8	< 0.3	2.65	6	31	< 1	< 2	5.93	< 0.3	40	208	52	6.20	15	< 1	0.10	2.68	27	893	< 1	1.51	105	0.022
278632	7	< 0.3	5.49	< 3	27	< 1	< 2	6.51	< 0.3	41	218	63	6.86	15	< 1	0.06	3.83	15	990	< 1	1.43	107	0.022
278633	5	< 0.3	6.30	< 3	22	< 1	< 2	8.18	0.3	41	185	83	7.47	16	< 1	0.10	3.35	11	1120	< 1	1.03	66	0.028
278634	7	< 0.3	6.58	< 3	22	< 1	< 2	8.16	< 0.3	43	134	72	7.72	17	< 1	0.10	3.52	11	970	< 1	1.13	67	0.025
278635	8	< 0.3	6.72	< 3	22	< 1	< 2	7.36	0.4	42	97	85	7.85	16	< 1	0.11	4.03	13	1020	< 1	1.42	78	0.020
278636	7	< 0.3	6.54	< 3	22	< 1	< 2	6.73	0.4	43	112	81	7.57	16	< 1	0.10	3.95	11	1040	< 1	1.57	78	0.022
278637	7	< 0.3	6.73	< 3	25	< 1	< 2	6.64	< 0.3	44	113	114	7.53	16	1	0.15	4.22	16	1000	< 1	1.79	91	0.023
278638	5	< 0.3	6.80	< 3	34	< 1	< 2	6.62	0.4	40	98	50	6.83	16	< 1	0.18	4.24	19	960	< 1	1.86	92	0.020
278639	< 5	< 0.3	6.84	< 3	46	< 1	< 2	7.19	< 0.3	42	161	79	6.95	16	< 1	0.17	3.96	13	1050	< 1	1.96	91	0.024
278640	1090																						
278641	< 5	< 0.3	6.63	< 3	670	1	< 2	4.90	< 0.3	24	89	51	5.59	17	2	0.92	2.95	22	952	< 1	2.15	29	0.081
278642	< 5	0.4	3.48	< 3	771	1	< 2	4.17	< 0.3	23	105	58	5.01	16	< 1	1.26	2.10	30	910	< 1	1.82	24	0.088
278643	< 5	< 0.3	6.47	< 3	227	< 1	< 2	6.10	< 0.3	36	174	70	6.82	15	< 1	0.57	4.07	22	1050	< 1	1.92	69	0.037
278644	5	< 0.3	6.93	< 3	73	< 1	< 2	5.95	0.4	42	198	45	7.08	17	< 1	0.25	4.46	16	951	< 1	2.03	85	0.026
278645	6	< 0.3	7.09	< 3	61	< 1	< 2	6.25	0.4	44	186	63	7.39	16	1	0.22	4.36	16	971	< 1	2.13	109	0.025
278646	< 5	< 0.3	7.30	< 3	25	< 1	< 2	6.77	0.4	43	113	45	7.34	16	< 1	0.11	4.63	13	1130	< 1	2.11	93	0.022
278647	7	< 0.3	7.05	< 3	26	< 1	< 2	5.79	0.3	44	124	56	7.08	16	< 1	0.10	4.52	15	979	< 1	2.00	112	0.023
278648	10	< 0.3	7.24	< 3	39	< 1	< 2	6.13	0.4	44	121	94	7.06	16	< 1	0.12	4.40	12	943	< 1	2.28	111	0.026
278649	10	< 0.3	6.93	< 3	196	< 1	< 2	6.97	< 0.3	41	109	96	6.47	15	< 1	0.48	4.14	16	958	< 1	2.15	107	0.024
278650	< 5																						
278651	< 5	< 0.3	7.31	< 3	713	< 1	< 2	5.92	< 0.3	45	136	75	7.14	19	< 1	1.33	4.09	33	1050	< 1	2.36	117	0.026
278652	69	< 0.3	5.88	< 3	545	< 1	< 2	5.90	< 0.3	36	92	53	5.64	17	< 1	1.33	3.44	30	966	< 1	2.17	89	0.018
278653	28	< 0.3	3.52	< 3	396	< 1	< 2	7.03	< 0.3	34	177	20	5.02	15	< 1	0.94	2.57	22	1020	< 1	2.15	94	0.023
278654	13	< 0.3	6.20	< 3	457	< 1	< 2	5.72	< 0.3	36	187	44	5.82	17	< 1	1.31	3.86	30	971	< 1	2.01	102	0.017
278655	13	< 0.3	6.51	< 3	569	< 1	< 2	7.44	< 0.3	34	121	46	5.11	18	2	1.15	3.26	24	985	< 1	2.51	110	0.024
278656	8	< 0.3	5.65	< 3	372	< 1	< 2	7.83	< 0.3	30	101	58	4.52	18	< 1	0.91	3.01	22	1000	< 1	2.28	87	0.016
278657	< 5	< 0.3	7.21	< 3	378	< 1	< 2	6.10	0.5	43	122	53	6.45	16	< 1	0.81	4.58	20	928	< 1	2.17	131	0.018
278658	< 5	< 0.3	7.52	< 3	52	< 1	< 2	6.33	< 0.3	40	131	58	6.50	16	< 1	0.11	4.67	10	916	< 1	2.43	133	0.021
278659	12	< 0.3	6.57	6	56	< 1	< 2	11.6	0.4	37	87	58	5.67	15	< 1	0.13	3.75	11	1220	< 1	1.92	117	0.022
278660	8	< 0.3	6.78	6	77	< 1	< 2	11.5	< 0.3	39	98	65	6.01	15	< 1	0.18	3.97	12	1220	< 1	2.03	124	0.023
278661	< 5	< 0.3	7.14	10	145	< 1	< 2	9.20	< 0.3	39	99	41	6.14	16	2	0.22	4.12	14	1060	< 1	2.08	128	0.022
278662	8	< 0.3	7.34	28	171	< 1	< 2	7.69	< 0.3	43	118	47	6.50	15	< 1	0.31	4.38	17	950	< 1	1.94	144	0.021
278663	< 5	< 0.3	7.28	37	321	< 1	< 2	7.15	< 0.3	38	200	17	6.38	16	< 1	0.45	4.39	16	912	< 1	2.07	141	0.023

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278664	5	< 0.3	7.33	32	155	< 1	< 2	9.75	< 0.3	38	172	24	6.07	15	< 1	0.32	3.85	14	952	< 1	2.33	143	0.020
278665	20	< 0.3	7.58	44	396	< 1	< 2	8.27	< 0.3	42	124	27	6.46	18	< 1	0.78	3.62	18	941	< 1	2.76	149	0.021
278666	94	< 0.3	8.28	126	313	1	< 2	7.40	< 0.3	55	126	56	6.68	18	< 1	0.52	2.90	16	936	< 1	2.92	184	0.025
278667	806	0.4	6.40	291	279	2	< 2	5.48	3.9	27	49	134	7.75	16	< 1	0.27	2.04	7	1600	3	2.92	58	0.054
278668	547	0.5	4.69	227	186	2	< 2	4.79	0.9	35	40	239	12.5	13	< 1	1.38	2.13	24	1740	2	1.81	51	0.099
278669	788	0.5	3.48	1280	303	2	3	4.91	< 0.3	42	31	297	12.8	10	< 1	0.93	1.61	16	1510	3	1.37	52	0.088
278670	1080																						
278671	325	< 0.3	1.46	2160	18	< 1	< 2	4.43	< 0.3	16	15	71	4.50	5	3	0.05	1.01	2	1350	< 1	0.96	10	0.061
278672	3100	< 0.3	2.46	1340	97	< 1	3	11.3	0.6	35	25	199	11.0	11	< 1	0.26	1.32	5	2220	< 1	1.38	41	0.033
278673	5090	< 0.3	1.73	303	61	< 1	< 2	16.1	2.2	16	17	567	7.25	6	1	0.11	1.11	3	3020	< 1	1.02	22	0.029
278674	6460	1.1	3.11	710	114	< 1	< 2	9.82	2.2	50	33	860	18.8	10	2	0.20	1.77	5	2540	10	1.33	72	0.031
278675	1590	0.3	4.59	557	336	1	< 2	7.87	2.4	21	64	256	10.6	20	< 1	0.60	2.22	15	1810	3	1.39	28	0.032
278676	2210	< 0.3	2.22	669	86	< 1	< 2	10.6	1.3	18	21	100	6.64	9	< 1	0.09	1.26	3	1940	< 1	0.88	19	0.020
278677	1100	0.3	3.54	338	285	< 1	< 2	2.70	2.0	31	33	173	10.1	15	< 1	0.61	1.75	11	1030	3	1.18	36	0.021
278678	516	0.6	4.82	327	96	< 1	< 2	0.82	6.3	57	58	416	20.7	17	1	0.56	2.36	13	900	4	1.83	88	0.033
278679	1420	1.0	7.91	370	106	< 1	< 2	1.80	4.5	33	54	186	13.4	26	6	0.26	3.19	15	1030	2	2.76	69	0.086
278680	< 5																						
278681	212	0.6	6.39	157	275	< 1	< 2	2.07	4.2	43	49	233	11.1	13	< 1	0.66	2.04	13	932	2	3.00	118	0.051
278682	745	0.5	3.12	161	248	< 1	6	6.43	0.9	25	29	216	10.8	14	< 1	0.43	1.58	10	1620	2	0.93	41	0.036
278683	95	< 0.3	1.67	48	112	< 1	< 2	10.5	0.4	15	32	133	6.37	7	< 1	0.12	1.00	4	2100	< 1	0.42	29	0.013
278684	45	0.5	3.82	32	316	< 1	< 2	4.06	0.7	41	289	41	16.6	20	1	0.38	3.63	24	1910	< 1	0.65	154	0.029
278685	7	< 0.3	7.73	53	380	< 1	< 2	3.28	0.6	57	253	15	11.1	16	1	1.01	3.66	24	1590	< 1	2.11	172	0.025
278686	85	< 0.3	8.41	61	111	1	< 2	5.67	< 0.3	69	202	78	8.58	20	2	0.27	3.69	14	1250	< 1	2.65	183	0.023
278687	< 5	0.4	7.76	92	97	< 1	< 2	6.25	0.6	75	182	36	10.9	17	1	0.13	3.95	16	1430	< 1	2.24	178	0.026
278688	< 5	< 0.3	7.19	94	89	< 1	< 2	7.76	0.6	84	165	33	10.6	18	< 1	0.12	4.00	16	1460	< 1	1.84	182	0.026
278689	7	< 0.3	7.64	127	181	< 1	< 2	7.92	0.7	84	152	85	11.5	19	< 1	0.35	3.80	17	1650	< 1	1.89	181	0.029
278690	< 5	< 0.3	7.94	100	145	< 1	< 2	5.91	0.7	70	175	80	11.5	19	< 1	0.28	3.84	16	1530	< 1	2.14	178	0.028
278691	8	< 0.3	7.98	146	773	< 1	< 2	4.94	1.4	77	204	51	12.2	18	< 1	0.98	3.28	25	1760	< 1	2.11	160	0.027
278692	907	0.4	3.43	166	147	< 1	< 2	4.91	3.3	76	51	416	16.1	13	< 1	0.27	1.86	10	1420	1	1.15	82	0.032
278693	1520	0.9	3.29	87	62	< 1	< 2	2.52	5.9	42	37	284	9.63	18	< 1	0.11	1.11	6	863	2	2.65	52	0.038
278694	4340	0.6	5.55	64	45	< 1	4	1.98	9.0	46	48	258	10.0	13	< 1	0.05	0.86	3	751	4	3.36	47	0.044
278695	470	0.4	6.04	92	79	< 1	3	1.13	6.1	32	39	208	6.91	14	3	0.27	1.04	6	593	5	3.61	33	0.047
278696	131	< 0.3	4.96	27	202	< 1	< 2	8.45	0.4	56	63	87	9.50	16	< 1	0.35	2.90	11	1730	< 1	1.24	106	0.031
278697	12	< 0.3	5.54	14	279	< 1	5	7.73	< 0.3	54	47	35	9.61	16	< 1	0.45	2.80	13	1590	< 1	1.62	92	0.036
278698	1760	0.4	5.84	136	50	< 1	2	3.27	5.9	27	38	131	8.58	17	< 1	0.12	2.43	15	1160	3	1.94	28	0.041
278699	837	0.5	6.52	136	47	< 1	< 2	2.43	6.2	28	32	103	6.25	14	2	0.07	1.69	8	995	3	3.16	31	0.049
278700	1070																						
278701	6140	0.5	6.26	374	117	< 1	< 2	4.15	7.9	33	46	119	8.22	15	< 1	0.24	2.31	13	1360	5	2.66	35	0.039
278702	4210	0.3	5.04	257	151	< 1	< 2	5.06	3.6	31	55	121	8.58	16	4	0.29	2.64	11	1810	1	1.96	44	0.061
278703	3800	0.9	4.73	862	117	< 1	< 2	2.90	6.1	39	45	167	8.08	15	< 1	0.18	1.93	10	1310	2	2.26	34	0.025
278704	2780	1.0	5.39	1490	137	< 1	< 2	5.77	4.5	46	56	153	7.30	15	3	0.10	2.00	5	1820	2	3.28	39	0.018
278705	855	0.9	4.21	142	76	< 1	< 2	1.88	7.8	67	47	538	16.3	11	5	0.07	0.78	4	764	2	3.05	86	0.042

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278706	182	1.0	5.59	5	137	< 1	< 2	1.79	7.4	60	39	466	15.3	15	< 1	0.11	0.88	3	710	2	4.05	83	0.043
278707	31	0.6	8.03	11	153	1	< 2	2.22	1.9	17	16	568	3.94	20	< 1	0.11	0.81	2	774	4	5.86	30	0.051
278708	456	0.4	5.87	91	308	< 1	< 2	6.59	0.8	49	77	206	6.52	16	< 1	0.35	2.16	9	1660	< 1	3.26	98	0.040
278709	18	< 0.3	5.46	34	216	< 1	< 2	8.69	< 0.3	61	90	221	10.5	15	< 1	0.23	3.38	9	1660	< 1	1.84	131	0.036
278710	< 5																						
278711	35	< 0.3	5.04	36	55	< 1	< 2	9.68	0.7	57	68	262	10.1	14	< 1	0.05	3.52	7	1760	< 1	1.65	116	0.034
278712	9	< 0.3	5.77	18	34	< 1	< 2	8.14	1.6	59	83	254	10.7	16	< 1	0.05	3.15	7	1710	< 1	1.99	106	0.042
278713	176	0.5	5.09	< 3	54	< 1	< 2	1.97	7.6	89	42	487	18.3	14	< 1	0.10	1.24	7	837	3	2.69	111	0.039
278714	20	< 0.3	3.62	112	81	< 1	2	7.64	0.7	62	110	147	11.3	17	< 1	0.07	2.78	10	2210	< 1	1.38	122	0.046
278715	28	< 0.3	4.90	62	38	< 1	< 2	9.73	0.8	54	99	228	9.46	13	< 1	0.06	3.03	10	1870	< 1	1.15	107	0.038
278716	7	0.4	4.88	38	58	< 1	< 2	8.52	0.4	53	123	203	9.74	13	< 1	0.07	3.01	11	1810	< 1	1.21	103	0.037
278717	365	0.3	4.56	36	46	< 1	< 2	7.86	7.2	52	92	222	12.7	14	< 1	0.05	1.71	6	1740	2	1.81	62	0.035
278718	4110	0.5	4.42	246	48	< 1	< 2	7.36	2.0	64	52	160	12.5	14	1	0.05	2.00	6	1600	< 1	1.57	83	0.031
278719	872	< 0.3	4.68	35	82	< 1	< 2	8.15	0.6	39	66	96	9.18	13	< 1	0.06	2.74	8	1810	< 1	1.41	76	0.057
278720	347	< 0.3	4.04	21	54	< 1	< 2	11.1	2.3	19	43	76	7.71	13	1	0.06	2.37	9	1970	1	1.05	35	0.038
278721	853	< 0.3	5.07	40	85	< 1	< 2	7.77	0.6	39	62	130	7.50	13	1	0.07	2.13	9	1620	< 1	1.72	77	0.054
278722	386	< 0.3	4.56	45	43	< 1	< 2	8.38	2.5	49	74	212	13.5	14	2	0.07	2.81	9	1960	< 1	1.23	70	0.032
278723	279	< 0.3	4.06	102	94	< 1	< 2	8.38	0.8	57	104	123	10.0	13	< 1	0.07	2.84	7	2070	< 1	1.41	108	0.041
278724	1670	0.4	5.46	68	33	< 1	< 2	7.25	3.4	46	117	160	14.1	18	2	0.07	3.40	11	1940	2	1.36	66	0.032
278725	180	< 0.3	7.02	118	48	< 1	< 2	6.85	0.6	35	349	12	6.89	15	< 1	0.06	4.48	9	1710	1	2.09	152	0.054
278726	307	0.8	4.27	< 3	18	< 1	< 2	0.93	6.7	59	56	1210	15.5	14	4	0.05	2.18	7	1200	4	2.34	74	0.026
278727	164	0.4	3.71	12	8	< 1	3	6.42	126	60	46	285	15.1	13	3	0.06	2.09	11	1260	5	1.03	66	0.021
278728	14	< 0.3	5.13	< 3	14	< 1	2	7.36	0.9	48	83	167	9.18	12	< 1	0.06	2.87	9	1900	< 1	1.40	98	0.039
278729	8	< 0.3	4.79	4	12	< 1	< 2	11.3	0.7	60	110	284	10.4	13	< 1	0.05	3.55	11	1820	< 1	0.39	136	0.033
278730	8710																						
278731	8	< 0.3	4.99	11	23	< 1	< 2	10.0	0.7	64	124	328	11.1	14	< 1	0.11	4.13	12	1620	< 1	0.39	150	0.035
278732	8	< 0.3	6.78	< 3	253	< 1	< 2	6.84	0.6	49	72	76	10.8	20	< 1	0.52	2.44	12	2310	< 1	1.84	67	0.043
278733	11	< 0.3	6.12	< 3	56	< 1	< 2	7.26	0.5	40	86	78	13.1	18	3	0.18	2.40	11	3010	< 1	1.22	57	0.034
278734	43	0.3	3.13	< 3	119	< 1	2	6.24	0.6	47	89	165	13.2	18	< 1	0.24	2.11	12	2740	< 1	0.93	59	0.045
278735	11	< 0.3	5.36	< 3	186	< 1	< 2	7.30	0.4	44	103	89	9.64	18	< 1	0.47	1.97	12	2000	< 1	1.75	61	0.052
278736	< 5	< 0.3	7.08	< 3	178	< 1	< 2	6.88	0.5	55	80	109	8.47	21	< 1	0.59	2.48	12	1390	< 1	2.28	79	0.050
278737	< 5	< 0.3	6.90	< 3	227	< 1	4	7.03	0.3	51	67	97	8.54	19	< 1	0.64	1.84	14	1660	< 1	2.06	64	0.049
278738	< 5	< 0.3	6.44	< 3	256	< 1	5	8.57	0.6	44	61	75	9.95	19	< 1	0.53	2.17	14	1730	< 1	1.56	60	0.042
278739	< 5	< 0.3	0.06	< 3	17	< 1	< 2	31.8	< 0.3	< 1	3	1	0.08	2	< 1	< 0.01	1.33	< 1	108	< 1	0.03	2	0.006
278740	< 5																						
278741	< 5	< 0.3	7.22	< 3	222	< 1	3	5.78	0.5	55	65	102	9.33	19	< 1	0.70	2.06	16	1570	< 1	2.24	71	0.048
278742	< 5	< 0.3	6.49	3	63	< 1	< 2	7.58	0.6	48	56	99	10.4	19	< 1	0.27	2.94	11	1480	< 1	1.87	65	0.043
278743	< 5	< 0.3	6.75	< 3	18	< 1	< 2	7.77	0.4	50	66	117	10.2	20	< 1	0.13	2.75	10	1660	< 1	2.21	65	0.046
278744	< 5	< 0.3	6.50	< 3	35	< 1	< 2	7.92	0.3	50	86	95	10.2	18	< 1	0.19	2.72	10	1470	< 1	1.85	64	0.042
278745	< 5	< 0.3	6.82	< 3	226	< 1	< 2	6.90	0.5	56	96	148	10.8	20	< 1	0.59	2.20	15	2230	< 1	1.67	68	0.047
278746	6	< 0.3	6.70	5	243	< 1	3	7.09	0.4	47	72	162	8.71	21	1	0.91	2.02	23	1720	< 1	1.85	54	0.048
278747	< 5	< 0.3	6.82	< 3	169	< 1	< 2	7.57	0.3	50	69	99	9.10	21	< 1	0.52	2.18	11	1710	< 1	2.08	60	0.049

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278748	< 5	< 0.3	6.82	< 3	181	< 1	< 2	8.13	0.4	49	64	123	10.5	19	< 1	0.42	2.22	11	2020	< 1	2.04	58	0.047
278749	< 5	0.3	6.31	< 3	60	< 1	< 2	7.68	0.6	44	53	125	13.2	18	3	0.18	2.85	11	2680	< 1	1.16	49	0.042
278750	7	< 0.3	6.40	< 3	96	< 1	2	7.48	0.7	42	63	115	13.0	18	1	0.22	2.92	12	2690	< 1	1.21	51	0.044
278751	7	0.3	6.40	8	79	< 1	< 2	7.57	0.7	46	62	108	13.3	18	7	0.18	2.98	13	2640	< 1	1.10	54	0.039
278752	< 5	< 0.3	6.91	< 3	291	< 1	< 2	7.14	0.4	46	63	108	9.72	18	1	0.56	2.57	15	1930	< 1	1.86	53	0.041
278753	9	< 0.3	6.51	< 3	199	< 1	< 2	7.08	0.5	46	93	108	11.2	18	< 1	0.36	2.84	12	2180	< 1	1.50	54	0.038
278754	9	< 0.3	3.74	< 3	331	< 1	< 2	6.15	0.5	46	86	123	9.65	18	< 1	0.35	2.14	11	1970	< 1	1.47	52	0.046
278755	10	< 0.3	5.08	4	206	< 1	2	7.69	0.8	41	200	59	8.84	21	< 1	0.28	2.76	11	1840	< 1	1.52	63	0.049
278756	< 5	< 0.3	6.25	< 3	67	< 1	< 2	8.36	< 0.3	44	88	101	9.08	16	< 1	0.18	2.80	10	1780	< 1	1.77	52	0.053
278757	8	< 0.3	6.75	< 3	105	< 1	< 2	7.38	0.5	48	83	127	10.2	19	< 1	0.31	3.56	11	1370	< 1	1.84	60	0.047
278758	< 5	< 0.3	6.95	< 3	177	< 1	< 2	6.92	0.4	50	57	114	9.98	21	< 1	0.36	2.28	10	1680	< 1	1.99	60	0.049
278759	5	< 0.3	6.67	8	315	< 1	< 2	7.80	0.6	50	55	99	9.85	20	< 1	0.74	2.23	16	1810	< 1	1.70	64	0.048
278760	1070																						
278761	7	< 0.3	6.40	< 3	169	< 1	< 2	8.04	0.5	46	56	102	11.6	18	< 1	0.65	2.43	17	2260	< 1	1.16	61	0.047
278762	18	< 0.3	6.43	< 3	213	< 1	< 2	6.94	0.7	46	62	60	10.7	19	1	1.22	2.27	29	1970	< 1	1.13	56	0.048
278763	18	< 0.3	6.95	< 3	518	2	< 2	1.42	< 0.3	< 1	9	7	0.83	21	2	0.91	0.24	15	247	1	2.30	4	0.005
278764	60	< 0.3	6.79	3	371	1	< 2	0.99	< 0.3	< 1	5	3	0.69	19	< 1	0.99	0.18	6	189	2	4.01	2	0.004
278765	54	< 0.3	4.12	< 3	350	2	< 2	1.04	< 0.3	< 1	9	2	0.51	17	< 1	1.36	0.19	9	198	1	2.54	2	0.004
278766	14	< 0.3	5.50	< 3	564	1	< 2	1.90	< 0.3	< 1	6	< 1	0.72	18	< 1	1.32	0.26	17	284	< 1	1.36	2	0.004
278767	30	< 0.3	6.50	4	431	2	< 2	3.07	< 0.3	< 1	8	3	0.84	18	1	1.10	0.26	10	450	2	3.12	3	0.005

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	4Acid ICPOES
278622	< 3	5	0.02	26	100	< 2	0.38	< 5	< 10	155	6	13	54	31	3.60	
278623	< 3	< 5	0.01	26	104	4	0.20	< 5	< 10	113	< 5	13	50	17	3.81	
278624	6	< 5	0.01	26	110	6	0.23	< 5	< 10	104	< 5	12	49	15	3.70	
278625	< 3	< 5	0.02	26	108	< 2	0.24	< 5	< 10	113	< 5	12	47	15	3.36	
278626	< 3	< 5	0.03	29	113	7	0.32	< 5	< 10	148	< 5	15	54	20	3.26	
278627	< 3	< 5	0.02	27	117	3	0.29	< 5	< 10	133	< 5	13	49	18	3.31	
278628	< 3	< 5	0.02	30	115	< 2	0.24	< 5	< 10	137	< 5	14	52	19	3.43	
278629	< 3	< 5	0.04	30	112	< 2	0.43	< 5	< 10	171	< 5	15	51	38	1.39	
278630	< 3	< 5	0.05	29	110	< 2	0.43	< 5	< 10	170	< 5	15	52	35	1.63	
278631	4	< 5	0.01	7	99	6	0.42	< 5	< 10	181	< 5	6	56	19	3.39	
278632	< 3	< 5	< 0.01	16	104	10	0.44	< 5	< 10	186	< 5	12	55	27	3.30	
278633	< 3	< 5	0.04	39	104	6	0.34	< 5	< 10	171	< 5	20	65	23	3.53	
278634	< 3	< 5	0.01	41	114	< 2	0.15	< 5	< 10	125	< 5	20	64	18	3.30	
278635	< 3	< 5	0.01	39	112	6	0.18	< 5	< 10	138	< 5	19	66	28	3.72	
278636	< 3	< 5	0.02	37	118	< 2	0.28	< 5	< 10	159	< 5	18	57	32	3.22	
278637	< 3	< 5	0.06	39	125	9	0.26	< 5	< 10	127	< 5	19	50	23	3.58	
278638	< 3	< 5	0.01	37	141	< 2	0.17	< 5	< 10	110	< 5	20	42	22	3.31	
278639	< 3	< 5	0.07	36	181	< 2	0.20	< 5	< 10	113	< 5	19	56	18	3.41	
278640																
278641	< 3	< 5	0.05	24	338	< 2	0.28	< 5	< 10	126	< 5	29	68	85	2.76	
278642	< 3	< 5	0.07	5	300	9	0.41	< 5	< 10	156	< 5	15	69	94	2.26	
278643	< 3	< 5	0.06	32	183	13	0.49	< 5	< 10	194	< 5	20	56	52	0.866	
278644	< 3	< 5	0.03	37	167	6	0.42	< 5	< 10	183	< 5	19	37	36	3.45	
278645	< 3	< 5	0.06	38	173	5	0.15	< 5	< 10	99	< 5	20	36	16	3.16	
278646	< 3	< 5	0.01	38	189	6	0.19	< 5	< 10	123	< 5	21	44	29	3.40	
278647	< 3	< 5	0.02	36	185	< 2	0.37	< 5	< 10	168	< 5	18	50	34	3.56	
278648	< 3	< 5	0.05	35	189	2	0.45	< 5	< 10	192	< 5	18	46	36	3.46	
278649	< 3	< 5	0.04	35	220	9	0.43	< 5	< 10	185	< 5	18	42	40	3.29	
278650															0.466	
278651	< 3	13	0.13	37	194	19	0.50	< 5	< 10	209	< 5	17	59	48	1.93	
278652	< 3	< 5	0.14	29	163	8	0.10	< 5	< 10	75	< 5	16	63	16	1.99	
278653	< 3	< 5	0.12	11	205	< 2	0.40	< 5	< 10	167	7	9	49	35	1.78	
278654	< 3	< 5	0.13	27	162	< 2	0.42	< 5	< 10	172	5	14	45	43	2.67	
278655	< 3	< 5	0.15	26	246	7	0.09	< 5	< 10	69	< 5	13	45	14	2.02	
278656	< 3	< 5	0.16	24	204	7	0.12	< 5	< 10	71	< 5	13	82	15	1.67	
278657	< 3	< 5	0.06	33	151	6	0.22	< 5	< 10	107	< 5	17	44	26	2.71	
278658	< 3	< 5	0.04	35	216	9	0.30	< 5	< 10	158	< 5	15	38	40	1.74	
278659	< 3	< 5	0.05	30	213	< 2	0.35	< 5	< 10	140	< 5	19	47	38	1.22	
278660	< 3	< 5	0.06	31	221	< 2	0.36	< 5	< 10	145	< 5	19	51	40	1.36	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	4Acid ICPOES
278661	< 3	< 5	0.03	31	190	3	0.36	< 5	< 10	147	< 5	16	56	40	3.56	
278662	< 3	< 5	0.01	32	184	9	0.35	< 5	< 10	161	< 5	17	39	40	2.91	
278663	< 3	< 5	< 0.01	32	183	< 2	0.38	< 5	< 10	162	< 5	16	36	39	3.35	
278664	< 3	< 5	0.01	32	226	6	0.16	< 5	< 10	102	< 5	17	45	34	3.29	
278665	< 3	< 5	0.02	33	256	< 2	0.15	< 5	< 10	83	< 5	16	51	27	3.48	
278666	< 3	< 5	0.06	37	368	5	0.31	< 5	< 10	139	< 5	18	68	39	2.44	
278667	4	< 5	0.99	21	379	6	0.35	< 5	< 10	131	10	16	470	117	1.22	
278668	7	< 5	2.07	17	300	2	0.30	< 5	< 10	125	< 5	17	235	87	1.26	
278669	13	< 5	2.26	11	306	3	0.21	< 5	< 10	79	< 5	12	233	57	1.04	
278670																
278671	4	< 5	0.61	< 4	205	< 2	0.02	< 5	< 10	11	< 5	13	171	10	1.08	
278672	10	< 5	1.57	8	648	< 2	0.08	< 5	< 10	60	9	15	218	40	1.15	
278673	10	< 5	0.85	7	820	5	0.04	< 5	< 10	37	6	17	224	15	1.15	
278674	10	< 5	4.14	9	471	< 2	0.10	< 5	< 10	57	7	13	359	46	1.22	
278675	11	< 5	1.00	9	485	< 2	0.15	< 5	< 10	136	8	10	761	66	1.19	
278676	8	< 5	0.55	6	519	< 2	0.04	< 5	< 10	62	12	12	169	25	1.18	
278677	9	< 5	1.87	10	197	3	0.13	< 5	< 10	66	< 5	7	457	58	1.08	
278678	16	< 5	5.79	13	122	18	0.20	< 5	< 10	78	20	8	1600	91	2.36	
278679	< 3	< 5	2.97	17	166	5	0.45	< 5	< 10	109	10	19	1470	256	2.46	
278680															0.554	
278681	5	< 5	2.30	14	230	6	0.29	< 5	< 10	66	15	16	882	168	1.18	
278682	6	< 5	1.69	9	241	< 2	0.10	< 5	< 10	66	6	11	227	50	1.17	
278683	5	< 5	0.41	6	303	9	0.07	< 5	< 10	48	< 5	14	60	20	0.864	
278684	4	< 5	0.23	14	80	8	0.54	< 5	< 10	221	9	8	211	54	2.37	
278685	6	< 5	0.02	35	247	< 2	0.37	< 5	< 10	191	< 5	16	126	49	2.64	
278686	< 3	< 5	0.02	38	320	< 2	0.20	< 5	< 10	123	< 5	18	102	37	2.41	
278687	< 3	< 5	0.12	38	301	3	0.49	< 5	< 10	203	5	18	172	50	1.80	
278688	< 3	< 5	0.07	40	288	2	0.46	< 5	< 10	211	< 5	19	189	53	2.14	
278689	6	< 5	0.16	36	317	2	0.54	< 5	< 10	210	12	21	245	53	1.02	
278690	5	< 5	0.18	38	328	< 2	0.56	< 5	< 10	221	10	18	246	55	1.13	
278691	< 3	< 5	0.50	36	367	7	0.53	< 5	< 10	209	17	18	459	53	1.47	
278692	10	< 5	2.83	11	207	11	0.14	< 5	< 10	78	12	12	723	52	2.05	
278693	10	< 5	2.65	< 4	237	2	0.23	< 5	< 10	72	8	8	1410	118	2.34	
278694	5	< 5	2.67	16	199	< 2	0.24	< 5	< 10	63	10	13	2160	109	2.01	
278695	< 3	< 5	1.58	12	187	< 2	0.22	< 5	< 10	63	< 5	11	1640	115	1.61	
278696	4	< 5	0.12	26	330	3	0.30	< 5	< 10	116	< 5	14	152	38	1.97	
278697	5	< 5	0.10	21	347	< 2	0.25	< 5	< 10	86	< 5	13	118	35	2.09	
278698	11	5	1.78	12	271	< 2	0.22	< 5	< 10	83	15	11	1110	103	2.22	
278699	10	< 5	1.28	12	259	< 2	0.23	< 5	< 10	67	< 5	11	1260	123	2.16	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	4Acid ICPOES
278700																
278701	5	< 5	1.55	17	319	< 2	0.33	< 5	< 10	93	< 5	12	1400	105	2.45	
278702	< 3	8	1.03	18	258	5	0.33	< 5	< 10	106	13	11	663	70	2.56	
278703	9	< 5	1.70	11	289	< 2	0.23	< 5	< 10	101	< 5	8	1200	89	2.23	
278704	15	< 5	1.61	15	440	< 2	0.34	< 5	< 10	102	32	12	1130	100	2.09	
278705	30	< 5	4.43	10	188	12	0.17	< 5	< 10	49	12	9	2030	82	2.24	
278706	27	< 5	4.25	11	232	4	0.22	< 5	< 10	55	8	12	1990	127	1.13	
278707	4	< 5	1.12	11	271	< 2	0.28	< 5	< 10	37	13	20	508	219	1.29	
278708	10	< 5	0.65	22	335	< 2	0.37	< 5	< 10	106	< 5	14	249	73	2.99	
278709	3	< 5	0.12	30	348	< 2	0.45	< 5	< 10	158	< 5	15	149	54	2.19	
278710															0.622	
278711	5	< 5	0.11	27	396	< 2	0.40	< 5	< 10	139	< 5	16	149	47	2.27	
278712	6	< 5	0.46	28	361	4	0.54	< 5	< 10	177	< 5	17	295	65	1.78	
278713	18	< 5	4.34	14	163	6	0.22	< 5	< 10	73	13	10	2210	94	2.81	
278714	7	< 5	0.31	17	305	13	0.82	< 5	< 10	228	11	12	216	67	3.42	
278715	10	< 5	0.14	25	318	7	0.70	< 5	< 10	196	7	16	141	58	3.38	
278716	6	< 5	0.33	25	290	3	0.67	< 5	< 10	188	8	15	180	60	1.96	
278717	14	< 5	2.38	12	306	< 2	0.22	< 5	< 10	71	17	12	1180	86	1.57	
278718	9	5	2.29	17	268	2	0.26	< 5	< 10	103	30	14	415	55	1.31	
278719	10	< 5	0.44	22	316	2	0.37	< 5	< 10	106	< 5	15	297	51	0.458	
278720	9	< 5	0.38	15	324	< 2	0.36	< 5	< 10	123	15	15	637	86	0.440	
278721	16	< 5	0.42	19	342	< 2	0.34	< 5	< 10	77	< 5	13	193	42	1.15	
278722	16	< 5	1.79	18	322	< 2	0.30	< 5	< 10	120	7	13	669	71	1.10	
278723	29	10	0.41	18	346	5	0.76	< 5	< 10	196	7	13	316	57	1.23	
278724	12	< 5	1.55	21	299	2	0.54	< 5	< 10	196	19	12	835	81	1.66	
278725	14	< 5	0.13	24	349	< 2	0.38	< 5	< 10	136	6	13	312	80	0.862	
278726	22	< 5	3.48	15	132	8	0.19	< 5	< 10	80	14	7	2200	83	0.918	
278727	33	< 5	4.07	13	184	5	0.13	< 5	< 10	59	10	13	> 10000	57	1.21	3.15
278728	18	< 5	0.32	26	313	< 2	0.24	< 5	< 10	94	< 5	15	321	24	1.70	
278729	9	< 5	0.20	30	363	< 2	0.38	< 5	< 10	121	< 5	15	121	31	2.60	
278730																
278731	5	< 5	0.21	33	357	4	0.49	< 5	< 10	153	< 5	16	112	39	1.71	
278732	< 3	< 5	0.11	37	194	< 2	0.47	< 5	< 10	169	< 5	22	104	56	2.70	
278733	< 3	< 5	0.17	35	163	13	0.35	< 5	< 10	202	< 5	21	88	61	3.81	
278734	< 3	< 5	0.34	12	119	8	0.82	< 5	< 10	251	< 5	10	101	60	3.29	
278735	< 3	< 5	0.11	29	138	20	0.88	< 5	< 10	247	< 5	18	87	65	3.29	
278736	3	< 5	0.09	40	131	< 2	0.12	< 5	< 10	73	< 5	22	97	13	3.23	
278737	< 3	< 5	0.11	38	122	5	0.15	< 5	< 10	85	< 5	22	85	13	3.06	
278738	< 3	< 5	0.06	35	125	< 2	0.23	< 5	< 10	108	< 5	20	87	21	3.11	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5		0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none	4Acid ICPOES
278739	< 3	< 5	< 0.01	< 4	67	< 2	< 0.01	< 5	< 10	< 2	< 5	2	3	< 5	3.91	
278740															0.420	
278741	4	< 5	0.18	40	135	11	0.19	< 5	< 10	106	< 5	22	107	21	3.42	
278742	5	< 5	0.11	36	200	12	0.31	< 5	< 10	122	< 5	22	94	27	3.48	
278743	< 3	< 5	0.13	37	179	2	0.39	< 5	< 10	133	< 5	22	104	31	3.30	
278744	< 3	< 5	0.09	36	164	3	0.24	< 5	< 10	126	< 5	22	100	25	3.76	
278745	5	< 5	0.20	38	92	< 2	0.21	< 5	< 10	115	< 5	24	104	13	3.41	
278746	< 3	< 5	0.11	38	106	3	0.14	< 5	< 10	83	< 5	21	88	11	3.03	
278747	< 3	< 5	0.11	38	134	< 2	0.14	< 5	< 10	76	< 5	23	101	14	3.63	
278748	7	< 5	0.41	39	169	20	0.45	< 5	< 10	151	< 5	23	93	39	3.42	
278749	< 3	< 5	0.21	41	126	3	0.68	< 5	< 10	247	< 5	22	109	57	1.69	
278750	< 3	< 5	0.21	39	133	< 2	0.74	< 5	< 10	259	< 5	21	109	60	1.54	
278751	< 3	< 5	0.19	42	138	5	0.61	< 5	< 10	240	< 5	23	111	56	3.45	
278752	< 3	< 5	0.10	43	160	12	0.35	< 5	< 10	131	< 5	23	88	35	3.13	
278753	5	< 5	0.11	41	118	6	0.41	< 5	< 10	204	< 5	24	91	49	3.64	
278754	< 3	< 5	0.07	12	110	24	0.80	< 5	< 10	266	< 5	13	87	42	3.35	
278755	< 3	< 5	0.03	23	134	4	0.72	< 5	< 10	232	< 5	17	84	52	3.50	
278756	< 3	< 5	0.08	37	229	5	0.31	< 5	< 10	152	< 5	21	79	28	3.32	
278757	< 3	< 5	0.05	44	201	< 2	0.26	< 5	< 10	141	< 5	23	86	36	3.83	
278758	< 3	< 5	0.14	40	144	< 2	0.18	< 5	< 10	83	< 5	23	105	16	3.41	
278759	4	< 5	0.13	36	155	< 2	0.27	< 5	< 10	98	< 5	21	98	24	3.29	
278760																
278761	3	< 5	0.11	38	146	4	0.50	< 5	< 10	165	< 5	22	98	42	3.32	
278762	5	< 5	0.07	35	160	11	0.43	< 5	< 10	138	< 5	20	98	44	2.98	
278763	9	< 5	0.01	< 4	101	< 2	0.04	< 5	< 10	6	< 5	13	29	41	2.71	
278764	3	< 5	0.01	< 4	155	< 2	0.02	< 5	< 10	5	< 5	11	20	41	3.26	
278765	4	< 5	< 0.01	< 4	117	< 2	0.02	< 5	< 10	< 2	< 5	7	17	35	2.95	
278766	4	< 5	< 0.01	< 4	93	< 2	0.02	< 5	< 10	3	< 5	11	21	37	2.70	
278767	7	< 5	0.02	< 4	196	< 2	0.02	< 5	< 10	3	< 5	13	32	40	1.87	

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		30.1	2.10	413	641	1	1330	0.90	3.4	5	18	1090	22.6	12	6	0.04	0.20	7	875	15	0.04	40	0.056
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-1 Meas		31.5	2.17	426	674	1	1390	0.95	3.6	4	12	1150	23.7	13	8	0.04	0.21	8	921	14	0.04	44	0.060
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.4	6.45	87	222	2	16	1.10	0.4	15	27	6480	3.03	16	< 1	3.84	1.75	11	157	317	0.50	50	0.132
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-4 Meas		3.5	6.32	96	298	2	9	1.09	0.5	14	46	6480	2.97	16	< 1	3.79	1.73	11	151	318	0.49	44	0.130
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
CZN-3 Meas																							
CZN-3 Cert																							
SDC-1 Meas			8.13	< 3	680	3		1.15		20	42	29	4.89	22	< 1	1.55	1.06	35	881		1.51	36	0.052
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			5.89	< 3	620	3		0.96		20	61	30	4.65	23	< 1	1.35	0.95	34	911		1.49	36	0.057
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.5	12.3	238	> 1000	1	< 2	0.17	0.3	13	57	65	5.57	27	< 1	1.21	0.61	32	1030	< 1	0.09	27	0.034
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
GXR-6 Meas		0.5	13.1	255	> 1000	1	< 2	0.18	0.5	15	58	71	5.85	30	< 1	1.20	0.64	34	1050	1	0.10	29	0.035
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
GBW 07239 Control Meas																							
GBW 07239 Control Cert																							
Oreas 72a (4 Acid Digest) Meas				4						148	188	304	9.36									6290	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid Digest) Meas				< 3						146	163	297	9.18									6250	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
MP-1b Meas																							
MP-1b Cert																							
DNC-1a Meas					99					56	123	94		13				4				250	
DNC-1a Cert					118					57	270	100		15				5.2				247	
DNC-1a Meas					99					55	228	96		14				4				247	
DNC-1a Cert					118					57	270	100		15				5.2				247	
CCU-1d Meas																							
CCU-1d Cert																							
CPB-2 Meas																							
CPB-2 Cert																							
SBC-1 Meas				23	802	3	< 2		0.5	23	95	30		27				151		2		86	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
PTC-1b Meas																							

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
PTC-1b Cert																							
SdAR-M2 (U.S.G.S.) Meas					> 1000	7	< 2		5.6	15	39	244		17	1			17		11		54	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.00 00		17.6	1.44			18		13		49	
SdAR-M2 (U.S.G.S.) Meas					> 1000	8	< 2		5.7	15	31	260		18	1			18		9		54	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.00 00		17.6	1.44			18		10		49	
OREAS 223 (Fire Assay) Meas	1760																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1810																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1850																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1840																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 220 (Fire Assay) Meas	827																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	840																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	856																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	847																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	880																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	865																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	879																						
OREAS 220 (Fire Assay) Cert	828																						
278632 Orig	6																						
278632 Dup	7																						
278634 Orig		< 0.3	6.61	3	22	< 1	2	8.21	0.4	43	163	73	7.77	18	< 1	0.11	3.56	11	972	< 1	1.14	66	0.025
278634 Dup		< 0.3	6.55	< 3	21	< 1	< 2	8.11	< 0.3	42	104	71	7.67	17	< 1	0.10	3.49	10	968	< 1	1.12	67	0.024
278641 Orig	< 5																						
278641 Dup	< 5																						
278649 Orig		< 0.3	6.87	< 3	193	< 1	< 2	6.91	0.4	41	106	95	6.39	15	2	0.48	4.09	16	950	< 1	2.11	107	0.023
278649 Dup		< 0.3	6.99	6	198	< 1	< 2	7.03	< 0.3	41	112	97	6.56	16	< 1	0.49	4.19	16	967	< 1	2.20	108	0.025
278651 Orig	5																						
278651 Dup	< 5																						
278671 Split Orig PREP DUP	325	< 0.3	1.46	2160	18	< 1	< 2	4.43	< 0.3	16	15	71	4.50	5	3	0.05	1.01	2	1350	< 1	0.96	10	0.061
278671 Split PREP DUP	328	< 0.3	1.41	2260	15	< 1	< 2	4.36	0.4	16	12	69	4.49	4	4	0.04	1.00	2	1300	< 1	0.94	13	0.059
278675 Orig		0.3	4.61	557	335	1	< 2	7.83	2.3	21	66	256	10.5	20	< 1	0.60	2.21	15	1810	2	1.38	25	0.031
278675 Dup		0.3	4.58	557	337	1	< 2	7.91	2.4	21	62	256	10.6	20	2	0.60	2.23	15	1810	3	1.40	32	0.033
278678 Orig	528																						
278678 Dup	503																						
278689 Orig	6																						
278689 Dup	7																						
278690 Orig		< 0.3	7.91	102	143	< 1	< 2	5.88	0.5	70	176	79	11.4	19	< 1	0.28	3.81	15	1510	< 1	2.13	177	0.028
278690 Dup		< 0.3	7.97	97	146	< 1	< 2	5.94	0.8	70	174	81	11.6	20	< 1	0.28	3.88	16	1550	< 1	2.16	178	0.029
278701 Orig	5810																						
278701 Dup	6460																						
278711 Orig	32																						
278711 Dup	37																						
278717 Orig		0.3	4.52	30	46	< 1	< 2	7.78	6.8	51	87	221	12.6	14	< 1	0.05	1.69	6	1720	3	1.80	62	0.035
278717 Dup		0.3	4.61	42	46	< 1	< 2	7.93	7.6	54	96	223	12.8	14	< 1	0.05	1.72	7	1760	2	1.81	62	0.035
278721 Split Orig PREP DUP	853	< 0.3	5.07	40	85	< 1	< 2	7.77	0.6	39	62	130	7.50	13	1	0.07	2.13	9	1620	< 1	1.72	77	0.054

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278721 Split PREP DUP	840	< 0.3	5.11	35	90	< 1	< 2	7.61	0.8	38	69	134	7.54	12	< 1	0.07	2.14	9	1590	< 1	1.70	75	0.053
278731 Orig		< 0.3	5.02	9	23	< 1	< 2	10.1	0.8	65	124	336	11.2	14	< 1	0.11	4.18	12	1650	< 1	0.40	152	0.036
278731 Dup		0.3	4.95	13	23	< 1	< 2	9.92	0.6	63	125	321	10.9	14	< 1	0.10	4.09	12	1600	< 1	0.39	149	0.035
278739 Orig	< 5																						
278739 Dup	< 5																						
278746 Orig	5																						
278746 Dup	6																						
278757 Orig	7	< 0.3	6.70	< 3	105	< 1	3	7.37	0.5	48	91	128	10.2	19	< 1	0.31	3.56	11	1370	< 1	1.84	61	0.046
278757 Dup	8	< 0.3	6.81	4	105	< 1	< 2	7.39	0.6	48	75	126	10.1	19	< 1	0.31	3.57	11	1370	< 1	1.84	59	0.049
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		3	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank	< 5																						
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Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
GXR-1 Meas	690	43	0.24	< 4	277	19	0.03	< 5	30	84	160	32	690	24	
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0	
GXR-1 Meas	719	37	0.25	< 4	287	16	0.03	< 5	30	87	165	33	723	24	
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0	
GXR-4 Meas	48	7	1.80	9	216	6	0.30	< 5	< 10	88	31	15	67	41	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
GXR-4 Meas	47	< 5	1.78	9	216	3	0.29	< 5	< 10	88	30	15	66	40	
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186	
CZN-3 Meas															51.9
CZN-3 Cert															50.9
SDC-1 Meas	21	< 5		18	177		0.20	< 5	< 10	52	< 5		97	24	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
SDC-1 Meas	18	< 5		13	163		0.64	< 5	< 10	103	< 5		95	58	
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00	
GXR-6 Meas	89	< 5	0.02	29	37	< 2		< 5	< 10	118	< 5	12	121	57	
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
GXR-6 Meas	89	< 5	0.02	30	39	3		< 5	< 10	128	< 5	13	127	63	
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110	
GBW 07239 Control Meas															0.013
GBW 07239 Control Cert															0.120
Oreas 72a (4 Acid Digest) Meas			1.61												
Oreas 72a (4 Acid Digest) Cert			1.74												
Oreas 72a (4 Acid Digest) Meas			1.57												
Oreas 72a (4 Acid Digest) Cert			1.74												
MP-1b Meas															16.9
MP-1b Cert															16.7
DNC-1a Meas	5	< 5		34	128		0.30			141		16	55	32	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
DNC-1a Meas	< 3	< 5		34	126		0.29			140		16	54	32	
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0	
CCU-1d Meas															2.61
CCU-1d Cert															2.63
CPB-2 Meas															6.10
CPB-2 Cert															6.04
SBC-1 Meas	29	< 5		22	175		0.54	< 5	< 10	217	< 5	32	174	104	
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
PTC-1b Meas															0.209
PTC-1b Cert															0.2083
SdAR-M2 (U.S.G.S.) Meas	801			5	149				< 10	27	8	29	767	97	
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259	
SdAR-M2 (U.S.G.S.) Meas	832			5	153				< 10	24	7	31	797	113	
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259	
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
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OREAS 223 (Fire Assay) Meas															
OREAS 223 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
OREAS 220 (Fire Assay) Meas															
OREAS 220 (Fire Assay) Cert															
278632 Orig															
278632 Dup															
278634 Orig	< 3	< 5	0.01	40	115	< 2	0.16	< 5	< 10	144	< 5	20	65	21	
278634 Dup	< 3	< 5	0.01	41	114	4	0.14	< 5	< 10	105	< 5	20	63	15	
278641 Orig															
278641 Dup															
278649 Orig	< 3	< 5	0.04	34	219	14	0.42	< 5	< 10	182	< 5	18	42	39	
278649 Dup	< 3	< 5	0.04	35	221	4	0.45	< 5	< 10	188	< 5	18	43	41	
278651 Orig															
278651 Dup															
278671 Split Orig PREP DUP	4	< 5	0.61	< 4	205	< 2	0.02	< 5	< 10	11	< 5	13	171	10	
278671 Split PREP DUP	5	< 5	0.61	< 4	206	< 2	0.02	< 5	< 10	10	< 5	13	171	10	
278675 Orig	8	< 5	0.99	8	486	4	0.15	< 5	< 10	136	8	10	752	66	
278675 Dup	15	6	1.01	9	484	< 2	0.15	< 5	< 10	137	8	10	770	67	
278678 Orig															
278678 Dup															
278689 Orig															
278689 Dup															
278690 Orig	3	< 5	0.17	38	328	3	0.57	< 5	< 10	223	9	18	246	55	
278690 Dup	7	< 5	0.18	38	328	< 2	0.56	< 5	< 10	220	11	18	247	55	
278701 Orig															
278701 Dup															
278711 Orig															
278711 Dup															
278717 Orig	16	< 5	2.33	12	306	3	0.21	< 5	< 10	70	16	12	1180	85	

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Zn
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	0.001
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	4Acid ICPOES
278717 Dup	12	< 5	2.42	12	307	< 2	0.22	< 5	< 10	72	18	12	1180	88	
278721 Split Orig PREP DUP	16	< 5	0.42	19	342	< 2	0.34	< 5	< 10	77	< 5	13	193	42	
278721 Split PREP DUP	14	< 5	0.43	19	339	< 2	0.46	< 5	< 10	108	6	13	194	71	
278731 Orig	5	< 5	0.21	33	358	4	0.52	< 5	< 10	158	< 5	16	111	41	
278731 Dup	5	< 5	0.20	33	356	4	0.47	< 5	< 10	147	< 5	15	112	37	
278739 Orig															
278739 Dup															
278746 Orig															
278746 Dup															
278757 Orig	< 3	< 5	0.05	44	200	3	0.24	< 5	< 10	137	< 5	23	86	34	
278757 Dup	< 3	< 5	0.05	44	202	< 2	0.29	< 5	< 10	145	< 5	24	86	39	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5	
Method Blank															
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Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Aug-17
Invoice No.: A17-08506
Invoice Date: 01-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

84 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Dryden (10000ppb) Au - Fire Assay AA (QOP AA-Au)

REPORT **A17-08506**

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:

Elitsa Hrischeva, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 11-Aug-17
Invoice No.: A17-08506
Invoice Date: 01-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

84 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-08506**

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:

Elitsa Hrischeva, Ph.D.
Quality Control

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

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278768	95	< 0.3	8.34	< 3	103	< 1	< 2	4.25	< 0.3	1	5	15	1.20	19	< 1	0.75	0.32	13	510	< 1	5.27	4	0.012
278769	100	< 0.3	6.04	< 3	363	< 1	< 2	7.81	0.5	41	87	113	12.5	17	< 1	0.81	3.29	23	2230	< 1	1.14	49	0.037
278770	< 5																						
278771	14	< 0.3	6.90	< 3	21	< 1	< 2	6.05	0.6	49	50	137	9.05	18	< 1	0.19	2.87	11	1640	< 1	2.36	50	0.041
278772	< 5	< 0.3	6.58	< 3	22	< 1	< 2	6.70	0.5	46	56	126	10.4	18	< 1	0.10	3.06	9	1950	< 1	1.81	52	0.043
278773	< 5	< 0.3	6.35	< 3	24	< 1	< 2	7.39	0.7	43	64	124	12.9	18	< 1	0.20	3.15	21	2210	< 1	1.06	51	0.045
278774	7	< 0.3	6.41	< 3	111	< 1	< 2	8.22	0.7	46	57	87	12.4	18	< 1	0.22	3.24	15	2350	< 1	1.22	55	0.042
278775	6	< 0.3	6.47	< 3	181	< 1	< 2	7.70	0.5	44	60	86	11.3	19	1	0.33	3.08	11	2170	< 1	1.47	55	0.032
278776	< 5	< 0.3	7.08	< 3	399	< 1	< 2	6.08	0.5	54	87	97	8.89	19	< 1	0.82	2.09	14	1830	< 1	1.98	57	0.046
278777	< 5	< 0.3	6.73	4	322	< 1	5	6.36	1.5	53	80	123	11.1	19	< 1	0.79	1.92	15	2370	< 1	1.56	65	0.051
278778	< 5	< 0.3	6.53	< 3	152	< 1	< 2	6.67	0.8	51	78	91	13.7	19	3	0.44	2.47	12	2770	< 1	1.16	61	0.046
278779	< 5	< 0.3	6.49	< 3	232	< 1	< 2	7.67	0.6	48	61	109	10.9	21	< 1	0.72	2.11	14	2420	< 1	1.43	58	0.049
278780	5	< 0.3	6.49	< 3	231	< 1	< 2	7.26	0.5	47	66	112	10.7	20	2	0.75	2.07	15	2290	< 1	1.48	58	0.049
278781	< 5	< 0.3	6.67	< 3	217	< 1	< 2	6.81	0.4	48	61	95	9.38	19	< 1	0.57	2.07	16	1800	< 1	1.85	55	0.049
278782	< 5	< 0.3	6.78	11	141	< 1	< 2	5.88	0.4	50	68	74	10.5	19	6	0.74	3.00	18	1330	< 1	1.86	64	0.051
278783	28	< 0.3	6.16	< 3	35	< 1	3	7.38	0.6	45	64	112	13.6	18	< 1	0.07	2.70	9	2640	< 1	1.32	55	0.050
278784	< 5	< 0.3	6.42	5	18	< 1	< 2	7.62	1.0	44	65	79	15.1	19	< 1	0.07	2.96	12	3160	< 1	1.00	67	0.045
278785	5	< 0.3	3.73	< 3	150	< 1	< 2	6.22	0.5	45	90	78	11.2	18	< 1	0.18	2.14	9	2380	< 1	1.32	58	0.051
278786	< 5	< 0.3	5.04	< 3	285	< 1	< 2	6.84	0.7	46	90	87	11.2	17	< 1	0.34	2.38	11	2380	< 1	1.47	58	0.050
278787	< 5	< 0.3	6.17	< 3	206	< 1	< 2	6.51	0.4	48	83	91	11.1	19	< 1	0.32	2.50	10	2200	< 1	1.79	61	0.043
278788	< 5	< 0.3	6.26	< 3	232	< 1	< 2	7.72	0.5	47	66	93	11.0	18	< 1	0.34	2.48	10	2250	< 1	1.75	58	0.041
278789	< 5	< 0.3	6.63	< 3	268	< 1	< 2	6.70	0.6	50	53	117	10.4	21	< 1	0.51	2.52	10	1930	< 1	1.98	60	0.051
278790	1050																						
278791	< 5	< 0.3	6.45	< 3	188	< 1	< 2	6.56	0.5	43	133	75	10.3	18	< 1	0.39	3.12	10	2050	< 1	1.83	69	0.054
278792	< 5	< 0.3	6.42	< 3	191	< 1	< 2	7.48	0.4	44	157	71	9.64	17	< 1	0.36	3.24	9	2050	< 1	1.76	76	0.057
278793	< 5	< 0.3	6.44	< 3	100	< 1	< 2	7.10	1.0	45	127	70	10.9	21	< 1	0.31	3.10	12	1870	< 1	1.77	66	0.056
278794	< 5	< 0.3	6.59	5	129	< 1	3	6.28	1.0	51	67	100	11.0	20	4	0.77	3.26	19	1520	< 1	1.96	57	0.053
278795	5	< 0.3	6.67	< 3	137	< 1	< 2	6.57	0.4	48	63	127	10.3	21	< 1	0.88	3.16	20	1290	< 1	1.93	58	0.055
278796	< 5	0.3	4.81	26	37	< 1	< 2	6.68	< 0.3	38	450	30	7.36	16	4	0.19	3.13	10	1510	< 1	1.74	87	0.062
278797	84	< 0.3	5.04	< 3	171	< 1	4	5.84	0.3	45	80	110	7.95	18	< 1	0.84	2.21	24	1210	< 1	1.66	50	0.052
278798	< 5	< 0.3	6.23	4	173	< 1	< 2	7.37	0.5	45	192	73	9.48	18	< 1	0.78	3.79	16	1260	< 1	1.24	67	0.051
278799	7	< 0.3	5.11	< 3	188	< 1	< 2	9.20	0.4	41	681	29	6.63	13	< 1	0.81	6.33	14	1330	< 1	0.99	118	0.078
278800	< 5																						
278801	< 5	< 0.3	6.31	4	256	< 1	< 2	7.39	0.6	40	217	64	9.45	18	3	0.78	4.11	15	1530	< 1	1.40	74	0.075
278802	< 5	< 0.3	6.68	< 3	54	< 1	< 2	6.70	0.5	50	42	108	9.76	20	< 1	0.34	2.86	11	1380	< 1	2.00	53	0.044
278803	< 5	< 0.3	6.76	< 3	122	< 1	< 2	6.02	0.5	50	49	109	9.35	19	2	0.48	2.30	13	1380	< 1	2.01	54	0.045
278804	< 5	< 0.3	6.52	< 3	241	< 1	< 2	6.61	0.7	48	59	90	10.7	17	< 1	0.46	2.33	14	1910	< 1	1.45	60	0.046
278805	< 5	< 0.3	6.95	< 3	199	< 1	< 2	7.13	0.4	51	64	97	10.1	20	< 1	0.57	1.83	13	1920	< 1	1.83	59	0.051
278806	< 5	< 0.3	6.88	< 3	214	< 1	< 2	7.61	0.3	49	59	75	9.16	18	< 1	0.65	1.76	13	1820	< 1	1.87	59	0.050
278807	5	< 0.3	4.26	< 3	206	< 1	< 2	5.32	0.3	48	150	93	8.05	19	< 1	0.72	1.62	15	1560	< 1	1.95	58	0.057
278808	< 5	< 0.3	5.67	12	155	< 1	< 2	6.21	< 0.3	47	147	99	8.17	18	2	0.64	1.98	12	1660	< 1	1.95	56	0.054
278809	< 5	< 0.3	7.18	< 3	224	< 1	2	6.07	0.5	53	73	99	9.05	22	< 1	0.83	1.74	15	1650	< 1	2.07	60	0.052

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278810	< 5	< 0.3	7.09	< 3	219	< 1	< 2	6.38	0.5	50	71	92	8.96	20	< 1	0.88	1.75	15	1670	< 1	2.02	60	0.052
278811	< 5	< 0.3	6.84	< 3	261	< 1	< 2	7.32	0.3	55	67	122	9.37	20	< 1	0.85	1.80	15	1860	< 1	1.94	61	0.048
278812	< 5	< 0.3	5.76	< 3	224	< 1	< 2	8.17	0.9	40	55	103	14.7	17	2	0.47	2.54	12	3490	< 1	0.84	51	0.040
278813	< 5	< 0.3	6.40	< 3	201	< 1	< 2	6.31	0.5	47	61	94	13.8	18	6	0.39	2.33	13	3090	< 1	1.26	64	0.046
278814	< 5	< 0.3	6.38	< 3	217	< 1	< 2	7.21	0.8	47	62	108	13.1	18	1	0.50	2.47	14	2640	< 1	1.42	64	0.050
278815	< 5	0.3	6.62	< 3	214	< 1	2	6.90	0.6	46	56	134	11.4	20	< 1	0.46	2.43	12	2300	< 1	1.83	56	0.051
278816	5	< 0.3	6.37	< 3	91	< 1	3	6.78	0.7	44	26	123	11.8	17	< 1	0.26	3.01	10	2390	< 1	1.52	47	0.039
278817	< 5	< 0.3	6.02	< 3	113	< 1	< 2	7.23	0.6	41	32	127	11.8	16	< 1	0.25	2.88	13	2400	< 1	1.33	40	0.037
278818	5	< 0.3	6.76	< 3	235	< 1	< 2	6.58	0.4	47	29	113	8.93	18	< 1	0.53	2.64	11	1560	< 1	1.90	55	0.031
278819	5	< 0.3	6.38	< 3	185	< 1	< 2	7.16	0.4	43	26	98	11.5	18	< 1	0.36	2.87	12	2330	< 1	1.48	47	0.030
278820	1060																						
278821	5	< 0.3	6.47	< 3	151	< 1	< 2	7.31	0.4	45	25	112	10.7	17	< 1	0.32	2.94	11	1910	< 1	1.65	49	0.030
278822	5	< 0.3	6.78	8	226	< 1	< 2	7.63	1.4	50	36	105	10.9	21	< 1	0.56	3.50	18	1610	< 1	1.52	65	0.035
278823	< 5	< 0.3	6.48	< 3	309	< 1	< 2	6.56	0.4	48	66	91	10.2	17	< 1	0.56	2.11	14	1860	< 1	1.85	59	0.047
278824	< 5	< 0.3	6.60	< 3	251	< 1	< 2	7.70	0.4	47	70	82	11.1	19	< 1	0.53	2.46	13	2020	< 1	1.93	59	0.050
278825	< 5	< 0.3	6.88	5	272	< 1	< 2	6.88	0.4	50	80	106	11.0	19	7	0.54	2.50	12	1970	< 1	2.01	57	0.052
278826	< 5	< 0.3	4.64	< 3	247	< 1	4	7.01	0.3	40	132	83	8.62	16	< 1	0.51	2.13	10	1650	< 1	1.83	60	0.055
278827	5	< 0.3	5.34	< 3	227	< 1	< 2	6.87	0.5	45	97	97	9.32	19	< 1	0.48	2.12	10	1840	< 1	2.05	50	0.058
278828	< 5	< 0.3	6.46	< 3	58	< 1	< 2	6.60	0.5	45	104	162	11.7	19	< 1	0.13	2.53	9	2230	< 1	1.85	54	0.049
278829	< 5	< 0.3	6.50	< 3	37	< 1	< 2	7.01	0.7	47	99	174	12.1	19	< 1	0.13	2.63	11	2250	< 1	1.59	59	0.049
278830	< 5																						
278831	< 5	< 0.3	6.76	< 3	277	< 1	4	7.37	0.5	51	63	92	9.52	24	< 1	0.46	2.10	11	1830	< 1	2.14	56	0.050
278832	5	< 0.3	6.17	< 3	184	< 1	< 2	8.59	0.5	48	50	100	12.0	18	< 1	0.33	2.43	12	2250	< 1	1.59	56	0.044
278833	< 5	0.4	5.87	< 3	381	< 1	< 2	6.95	0.6	43	20	83	13.0	18	< 1	0.85	3.13	14	2490	< 1	1.00	39	0.041
278834	< 5	< 0.3	6.10	< 3	413	< 1	< 2	6.32	0.6	43	21	107	10.8	15	< 1	1.08	2.84	16	1920	< 1	1.66	41	0.041
278835	< 5	< 0.3	6.58	< 3	315	< 1	< 2	5.69	0.7	57	41	98	10.4	19	< 1	0.72	2.57	12	1790	< 1	2.24	52	0.047
278836	< 5	< 0.3	6.47	< 3	155	< 1	< 2	6.59	0.6	46	25	107	11.8	18	< 1	0.33	2.89	12	2070	< 1	1.62	42	0.042
278837	< 5	< 0.3	4.04	< 3	126	< 1	< 2	6.41	0.7	42	52	97	11.1	17	1	0.12	2.26	9	2160	< 1	1.26	40	0.044
278838	< 5	< 0.3	5.06	< 3	150	< 1	< 2	6.33	0.5	46	40	114	11.1	18	< 1	0.22	2.66	10	1970	< 1	1.60	45	0.046
278839	< 5	< 0.3	6.57	< 3	136	< 1	< 2	6.70	0.9	48	37	107	10.2	19	1	0.23	2.52	9	1970	< 1	1.95	50	0.046
278840	< 5	< 0.3	6.68	< 3	92	< 1	< 2	6.65	0.6	47	34	97	11.7	19	< 1	0.12	2.83	8	2080	< 1	1.88	50	0.048
278841	< 5	< 0.3	6.20	< 3	54	< 1	< 2	7.83	0.5	45	26	103	12.3	19	1	0.19	2.89	10	2570	< 1	1.60	44	0.043
278842	< 5	< 0.3	5.47	< 3	491	< 1	< 2	6.88	0.7	47	40	97	15.0	17	< 1	0.99	3.26	18	2950	< 1	0.61	63	0.045
278843	6	< 0.3	5.06	< 3	215	< 1	< 2	8.79	0.5	65	74	284	10.5	13	< 1	0.80	3.50	14	1920	< 1	1.65	127	0.035
278844	7	0.3	5.36	< 3	258	< 1	< 2	7.39	0.6	66	85	309	11.2	13	< 1	0.78	3.68	13	1850	< 1	1.92	137	0.039
278845	6	0.7	5.82	< 3	198	< 1	< 2	7.99	< 0.3	51	124	287	7.93	15	< 1	0.60	3.78	10	1560	< 1	2.48	138	0.052
278846	5	< 0.3	5.65	< 3	227	< 1	< 2	7.40	0.3	58	175	194	9.60	14	< 1	0.66	4.19	13	1840	< 1	2.12	152	0.046
278847	6	< 0.3	4.24	5	280	< 1	< 2	7.70	0.5	58	141	256	10.5	12	< 1	0.75	3.22	13	2080	< 1	1.64	132	0.037
278848	6	0.3	4.88	< 3	212	< 1	< 2	8.13	< 0.3	61	114	289	9.60	14	< 1	0.59	3.36	11	1730	< 1	1.95	130	0.035
278849	16	< 0.3	5.30	< 3	290	< 1	< 2	8.50	0.5	58	181	254	9.87	13	< 1	0.72	3.95	15	1910	< 1	1.82	143	0.039
278850	1070																						
278851	37	< 0.3	5.43	< 3	282	< 1	< 2	8.31	0.3	57	107	260	8.82	13	< 1	0.56	3.52	11	1620	< 1	2.23	121	0.042

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278768	4	< 5	0.10	5	246	< 2	0.02	< 5	< 10	6	< 5	15	25	44	1.84
278769	< 3	< 5	0.11	37	129	< 2	0.62	< 5	< 10	225	< 5	20	112	57	2.81
278770															0.440
278771	< 3	< 5	0.10	44	173	3	0.29	< 5	< 10	114	< 5	22	87	30	3.27
278772	6	< 5	0.13	41	164	15	0.60	< 5	< 10	211	< 5	23	92	38	3.39
278773	< 3	< 5	0.19	40	88	12	0.81	< 5	< 10	263	< 5	22	87	46	3.28
278774	< 3	< 5	0.05	38	127	13	0.67	< 5	< 10	231	< 5	22	87	43	3.70
278775	< 3	< 5	0.03	38	156	< 2	0.25	< 5	< 10	161	< 5	22	95	38	3.65
278776	< 3	< 5	0.09	44	168	12	0.22	< 5	< 10	121	< 5	22	83	19	3.48
278777	11	< 5	0.17	35	135	5	0.21	< 5	< 10	99	8	22	96	15	3.42
278778	< 3	< 5	0.16	34	93	< 2	0.36	< 5	< 10	149	< 5	21	113	27	3.68
278779	< 3	< 5	0.14	36	116	< 2	0.25	< 5	< 10	102	< 5	22	105	16	1.61
278780	< 3	< 5	0.15	35	118	< 2	0.32	< 5	< 10	110	< 5	21	107	23	1.50
278781	< 3	< 5	0.14	37	137	11	0.36	< 5	< 10	126	< 5	21	88	28	3.04
278782	< 3	< 5	0.13	38	156	10	0.61	< 5	< 10	173	< 5	22	92	39	3.50
278783	< 3	< 5	0.20	34	157	9	0.71	< 5	< 10	200	< 5	21	97	41	3.43
278784	< 3	< 5	0.09	35	167	3	0.62	< 5	< 10	207	< 5	22	104	56	3.54
278785	4	< 5	0.06	14	174	11	0.90	< 5	< 10	249	< 5	13	96	61	3.40
278786	< 3	< 5	0.08	27	244	12	0.87	< 5	< 10	246	< 5	19	97	61	3.60
278787	5	< 5	0.09	35	188	3	0.28	< 5	< 10	175	< 5	21	90	51	3.75
278788	< 3	< 5	0.09	35	224	< 2	0.28	< 5	< 10	143	< 5	22	85	42	3.45
278789	< 3	< 5	0.11	36	187	< 2	0.28	< 5	< 10	98	< 5	22	82	28	2.49
278790															0.0660
278791	< 3	< 5	0.08	34	205	< 2	0.54	< 5	< 10	183	< 5	20	87	65	2.93
278792	< 3	< 5	0.08	33	208	9	0.44	< 5	< 10	136	< 5	20	86	50	3.68
278793	< 3	< 5	0.13	34	228	14	0.57	< 5	< 10	164	8	20	100	44	3.62
278794	< 3	< 5	0.17	38	217	11	0.73	< 5	< 10	210	< 5	23	90	46	3.55
278795	< 3	< 5	0.17	37	215	10	0.75	< 5	< 10	207	< 5	23	86	49	3.48
278796	5	< 5	0.04	17	141	13	0.52	< 5	< 10	182	< 5	14	81	75	3.27
278797	< 3	< 5	0.19	26	182	18	0.90	< 5	< 10	257	< 5	16	71	51	3.04
278798	< 3	< 5	0.07	34	145	< 2	0.23	< 5	< 10	128	< 5	24	97	38	3.16
278799	3	< 5	< 0.01	35	90	13	0.30	< 5	< 10	141	< 5	31	67	86	1.48
278800															0.498
278801	< 3	< 5	0.09	34	149	< 2	0.46	< 5	< 10	162	< 5	29	93	74	2.98
278802	< 3	< 5	0.10	41	159	7	0.28	< 5	< 10	108	< 5	24	99	26	3.59
278803	< 3	< 5	0.18	38	164	5	0.30	< 5	< 10	129	< 5	21	87	27	3.51
278804	< 3	< 5	0.14	35	124	13	0.55	< 5	< 10	158	< 5	21	95	33	3.63
278805	< 3	< 5	0.13	37	138	12	0.45	< 5	< 10	143	< 5	22	91	36	3.38
278806	< 3	< 5	0.11	37	164	13	0.34	< 5	< 10	112	< 5	22	90	31	3.51
278807	< 3	< 5	0.08	16	146	12	0.96	< 5	< 10	266	< 5	14	75	64	3.44
278808	4	< 5	0.10	31	130	< 2	0.23	< 5	< 10	118	6	22	88	34	3.30

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278809	< 3	< 5	0.13	39	148	< 2	0.21	< 5	< 10	101	< 5	23	94	24	1.45
278810	< 3	< 5	0.16	38	146	< 2	0.20	< 5	< 10	100	< 5	22	87	23	1.33
278811	< 3	< 5	0.15	37	145	< 2	0.32	< 5	< 10	122	< 5	23	87	32	3.29
278812	5	< 5	0.16	34	139	< 2	0.58	< 5	< 10	202	< 5	21	99	61	3.22
278813	4	< 5	0.21	35	155	< 2	0.54	< 5	< 10	160	< 5	22	102	46	3.79
278814	< 3	< 5	0.11	34	142	3	0.73	< 5	< 10	212	< 5	22	107	63	3.61
278815	5	< 5	0.28	39	159	< 2	0.76	< 5	< 10	229	< 5	23	96	59	3.44
278816	< 3	< 5	0.12	42	158	< 2	0.69	< 5	< 10	266	< 5	23	93	62	3.12
278817	< 3	6	0.16	40	129	9	0.50	< 5	< 10	226	< 5	23	83	59	3.67
278818	< 3	< 5	0.07	47	120	< 2	0.34	< 5	< 10	187	< 5	23	88	45	3.24
278819	< 3	< 5	0.05	43	112	5	0.40	< 5	< 10	202	< 5	24	88	53	4.20
278820															0.0640
278821	< 3	< 5	0.05	44	132	8	0.37	< 5	< 10	184	< 5	23	85	47	3.48
278822	7	< 5	0.07	45	139	2	0.50	< 5	< 10	212	< 5	23	92	53	3.07
278823	3	< 5	0.11	35	175	9	0.30	< 5	< 10	104	< 5	20	87	29	3.57
278824	< 3	< 5	0.09	37	179	< 2	0.48	< 5	< 10	136	< 5	22	97	42	3.66
278825	< 3	< 5	0.13	37	164	12	0.50	< 5	< 10	142	< 5	22	99	43	3.35
278826	< 3	< 5	0.08	22	180	< 2	0.83	< 5	< 10	228	< 5	15	77	60	3.64
278827	< 3	< 5	0.10	30	185	9	0.73	< 5	< 10	204	< 5	19	88	55	3.31
278828	< 3	< 5	0.41	36	182	14	0.36	< 5	< 10	161	< 5	21	96	44	3.42
278829	< 3	< 5	0.44	36	188	3	0.53	< 5	< 10	178	< 5	22	104	54	3.71
278830															0.440
278831	< 3	< 5	0.10	39	185	< 2	0.17	< 5	< 10	78	< 5	23	98	18	3.07
278832	< 3	< 5	0.28	36	173	< 2	0.35	< 5	< 10	131	< 5	23	110	37	3.82
278833	< 3	< 5	0.09	39	160	8	0.65	< 5	< 10	242	< 5	24	92	70	3.88
278834	< 3	< 5	0.11	40	170	16	0.66	< 5	< 10	235	< 5	25	96	65	4.07
278835	3	< 5	0.09	39	147	8	0.67	< 5	< 10	204	< 5	22	92	62	4.05
278836	< 3	< 5	0.10	42	148	< 2	0.63	< 5	< 10	241	< 5	26	110	70	3.93
278837	< 3	< 5	0.09	22	126	19	0.77	< 5	< 10	268	< 5	17	101	68	3.99
278838	< 3	< 5	0.13	33	122	5	0.73	< 5	< 10	259	< 5	21	116	71	4.20
278839	< 3	< 5	0.26	39	167	< 2	0.35	< 5	< 10	150	< 5	24	143	38	1.66
278840	< 3	< 5	0.24	40	159	< 2	0.35	< 5	< 10	141	< 5	24	128	36	1.70
278841	< 3	< 5	0.20	39	192	15	0.42	< 5	< 10	150	< 5	24	99	41	3.51
278842	< 3	< 5	0.58	28	192	6	0.64	< 5	< 10	188	< 5	19	99	62	3.20
278843	< 3	< 5	0.24	29	336	< 2	0.47	< 5	< 10	148	< 5	17	99	42	3.61
278844	< 3	< 5	0.19	31	340	3	0.64	< 5	< 10	191	< 5	17	103	51	2.32
278845	< 3	< 5	0.25	26	505	4	0.45	< 5	< 10	141	< 5	15	77	55	1.63
278846	5	< 5	0.10	29	405	4	0.47	< 5	< 10	163	< 5	16	86	60	3.85
278847	< 3	< 5	0.11	23	308	9	0.71	< 5	< 10	202	< 5	14	94	55	2.78
278848	< 3	< 5	0.07	28	354	3	0.38	< 5	< 10	156	< 5	16	88	49	3.90
278849	< 3	< 5	0.14	28	370	4	0.40	< 5	< 10	135	< 5	16	90	43	3.84

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr	Received Weight
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	Kg
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5	
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	none
278850															0.0660
278851	4	< 5	0.18	27	426	7	0.14	< 5	< 10	74	< 5	16	79	17	4.09

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		30.1	2.10	413	641	1	1330	0.90	3.4	5	18	1090	22.6	12	6	0.04	0.20	7	875	15	0.04	40	0.056
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-1 Meas		31.5	2.17	426	674	1	1390	0.95	3.6	4	12	1150	23.7	13	8	0.04	0.21	8	921	14	0.04	44	0.060
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.4	6.45	87	222	2	16	1.10	0.4	15	27	6480	3.03	16	< 1	3.84	1.75	11	157	317	0.50	50	0.132
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-4 Meas		3.5	6.32	96	298	2	9	1.09	0.5	14	46	6480	2.97	16	< 1	3.79	1.73	11	151	318	0.49	44	0.130
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			8.13	< 3	680	3		1.15		20	42	29	4.89	22	< 1	1.55	1.06	35	881		1.51	36	0.052
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			5.89	< 3	620	3		0.96		20	61	30	4.65	23	< 1	1.35	0.95	34	911		1.49	36	0.057
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.5	12.3	238	> 1000	1	< 2	0.17	0.3	13	57	65	5.57	27	< 1	1.21	0.61	32	1030	< 1	0.09	27	0.034
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
GXR-6 Meas		0.5	13.1	255	> 1000	1	< 2	0.18	0.5	15	58	71	5.85	30	< 1	1.20	0.64	34	1050	1	0.10	29	0.035
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
Oreas 72a (4 Acid Digest) Meas				4						148	188	304	9.36									6290	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid Digest) Meas				< 3						146	163	297	9.18									6250	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
DNC-1a Meas					99					56	123	94		13				4				250	
DNC-1a Cert					118					57	270	100		15				5.2				247	
DNC-1a Meas					99					55	228	96		14				4				247	
DNC-1a Cert					118					57	270	100		15				5.2				247	
SBC-1 Meas				23	802	3	< 2		0.5	23	95	30		27				151		2		86	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					> 1000	7	< 2		5.6	15	39	244		17	1			17		11		54	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		13		49	
SdAR-M2 (U.S.G.S.) Meas					> 1000	8	< 2		5.7	15	31	260		18	1			18		9		54	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.0000		17.6	1.44			18		10		49	
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 223 (Fire Assay) Meas	1790																						
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 220 (Fire Assay) Meas	858																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	874																						
OREAS 220 (Fire Assay) Cert	828																						
OREAS 220 (Fire Assay) Meas	837																						
OREAS 220 (Fire Assay) Cert	828																						
278773 Orig		< 0.3	6.37	< 3	24	< 1	< 2	7.42	0.8	43	65	126	13.0	18	1	0.20	3.15	21	2200	< 1	1.06	49	0.045
278773 Dup		< 0.3	6.32	< 3	24	< 1	< 2	7.35	0.6	42	63	122	12.8	18	< 1	0.20	3.14	21	2220	< 1	1.06	52	0.045
278778 Orig	< 5																						
278778 Dup	< 5																						
278787 Orig	< 5																						
278787 Dup	< 5																						
278788 Orig		< 0.3	6.23	4	232	< 1	< 2	7.72	0.4	47	68	92	11.1	18	< 1	0.34	2.50	10	2220	< 1	1.76	58	0.039
278788 Dup		< 0.3	6.28	< 3	231	< 1	< 2	7.72	0.5	46	63	94	11.0	19	2	0.34	2.45	10	2280	< 1	1.75	59	0.042
278796 Orig	< 5																						
278796 Dup	< 5																						
278804 Orig		< 0.3	6.44	< 3	240	< 1	< 2	6.56	0.5	47	57	95	10.6	17	< 1	0.45	2.30	14	1890	< 1	1.44	60	0.046
278804 Dup		< 0.3	6.60	< 3	242	< 1	< 2	6.66	0.8	50	62	86	10.8	18	< 1	0.46	2.35	14	1930	< 1	1.46	59	0.047
278817 Split Orig PREP DUP	< 5	< 0.3	6.02	< 3	113	< 1	< 2	7.23	0.6	41	32	127	11.8	16	< 1	0.25	2.88	13	2400	< 1	1.33	40	0.037
278817 Split PREP DUP	5	< 0.3	6.18	< 3	116	< 1	< 2	7.40	0.4	41	35	120	12.0	17	< 1	0.25	2.93	13	2420	< 1	1.36	44	0.032
278817 Orig	< 5																						
278817 Dup	< 5																						
278824 Orig	< 5																						
278824 Dup	< 5																						
278829 Orig		< 0.3	6.49	< 3	37	< 1	< 2	7.01	0.6	47	101	175	12.2	18	< 1	0.13	2.66	11	2260	< 1	1.60	60	0.048
278829 Dup		< 0.3	6.50	< 3	37	< 1	< 2	7.02	0.8	46	96	174	12.0	20	< 1	0.13	2.60	11	2230	< 1	1.58	58	0.051
278835 Orig	< 5																						
278835 Dup	< 5																						
278844 Orig		0.3	5.42	< 3	258	< 1	< 2	7.41	0.6	66	84	315	11.1	13	< 1	0.78	3.68	13	1850	< 1	1.89	137	0.038
278844 Dup		0.3	5.30	< 3	258	< 1	< 2	7.37	0.6	67	87	304	11.2	13	< 1	0.78	3.69	13	1850	< 1	1.94	137	0.039
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		3	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	690	43	0.24	< 4	277	19	0.03	< 5	30	84	160	32	690	24
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-1 Meas	719	37	0.25	< 4	287	16	0.03	< 5	30	87	165	33	723	24
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-4 Meas	48	7	1.80	9	216	6	0.30	< 5	< 10	88	31	15	67	41
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
GXR-4 Meas	47	< 5	1.78	9	216	3	0.29	< 5	< 10	88	30	15	66	40
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
SDC-1 Meas	21	< 5		18	177		0.20	< 5	< 10	52	< 5		97	24
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
SDC-1 Meas	18	< 5		13	163		0.64	< 5	< 10	103	< 5		95	58
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
GXR-6 Meas	89	< 5	0.02	29	37	< 2		< 5	< 10	118	< 5	12	121	57
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
GXR-6 Meas	89	< 5	0.02	30	39	3		< 5	< 10	128	< 5	13	127	63
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
Oreas 72a (4 Acid Digest) Meas			1.61											
Oreas 72a (4 Acid Digest) Cert			1.74											
Oreas 72a (4 Acid Digest) Meas			1.57											
Oreas 72a (4 Acid Digest) Cert			1.74											
DNC-1a Meas	5	< 5		34	128		0.30			141		16	55	32
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
DNC-1a Meas	< 3	< 5		34	126		0.29			140		16	54	32
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
SBC-1 Meas	29	< 5		22	175		0.54	< 5	< 10	217	< 5	32	174	104
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SdAR-M2 (U.S.G.S.) Meas	801			5	149				< 10	27	8	29	767	97
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
SdAR-M2 (U.S.G.S.) Meas	832			5	153				< 10	24	7	31	797	113
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire														

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Assay) Cert														
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
278773 Orig	< 3	< 5	0.20	40	89	17	0.82	< 5	< 10	264	< 5	22	87	49
278773 Dup	< 3	< 5	0.18	39	87	7	0.81	< 5	< 10	261	< 5	22	86	44
278778 Orig														
278778 Dup														
278787 Orig														
278787 Dup														
278788 Orig	< 3	< 5	0.09	35	221	5	0.27	< 5	< 10	155	< 5	22	83	46
278788 Dup	< 3	< 5	0.09	35	226	< 2	0.30	< 5	< 10	131	< 5	22	86	37
278796 Orig														
278796 Dup														
278804 Orig	< 3	< 5	0.14	36	124	9	0.48	< 5	< 10	143	< 5	21	94	31
278804 Dup	< 3	< 5	0.14	35	125	16	0.63	< 5	< 10	174	6	21	96	35
278817 Split Orig PREP DUP	< 3	6	0.16	40	129	9	0.50	< 5	< 10	226	< 5	23	83	59
278817 Split PREP DUP	< 3	< 5	0.15	41	134	10	0.47	< 5	< 10	234	< 5	23	85	61
278817 Orig														
278817 Dup														
278824 Orig														
278824 Dup														
278829 Orig	< 3	< 5	0.46	36	187	2	0.57	< 5	< 10	216	< 5	22	105	68
278829 Dup	< 3	< 5	0.42	36	189	3	0.48	< 5	< 10	140	< 5	22	103	39
278835 Orig														
278835 Dup														
278844 Orig	< 3	< 5	0.19	31	341	4	0.62	< 5	< 10	186	< 5	17	104	50
278844 Dup	7	< 5	0.20	30	338	2	0.67	< 5	< 10	195	< 5	17	103	52
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank														
Method Blank														
Method Blank														
Method Blank														
Method Blank														

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Aug-17
Invoice No.: A17-08717
Invoice Date: 18-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street,
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

34 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1F2-Tbay Total Digestion ICP(TOTAL)

Code Weight Report in Kg-Tbay Received and Pulp Weights-Tbay

REPORT **A17-08717**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Date Submitted: 16-Aug-17
Invoice No.: A17-08717
Invoice Date: 18-Sep-17
Your Reference:

Great Bear Resources
1110-1111 West Georgia Street,
Vancouver BC
Canada

ATTN: Bob Singh (res/inv)

CERTIFICATE OF ANALYSIS

34 Core samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-50-Dryden (10000ppb) Au - Fire Assay AA (QOP AA-Au)

REPORT **A17-08717**

Notes:

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

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
264 Government Road, Dryden, Ontario, Canada, P8N 2R3
TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Received Weight	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni
Unit Symbol	Kg	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm
Lower Limit		5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1
Method Code	none	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278852	5.10	6	< 0.3	4.65	< 3	163	< 1	< 2	9.02	0.5	60	212	257	9.44	11	< 1	0.39	3.68	9	1840	< 1	1.91	154
278853	3.61	7	< 0.3	4.88	< 3	206	< 1	2	8.44	< 0.3	68	206	276	10.00	12	2	0.46	3.99	10	1570	< 1	2.07	171
278854	3.82	10	< 0.3	5.08	< 3	529	2	3	8.51	< 0.3	52	231	214	10.7	10	< 1	1.34	4.07	22	2180	< 1	1.49	144
278855	2.60	6	< 0.3	4.73	4	833	1	< 2	7.88	< 0.3	58	150	139	13.7	10	5	1.64	4.02	25	2980	< 1	0.64	129
278856	1.75	32	0.4	4.94	6	319	< 1	< 2	8.32	< 0.3	59	169	243	13.0	10	1	0.81	3.56	16	2940	< 1	1.11	130
278857	2.29	256	1.5	5.34	222	80	< 1	< 2	2.80	0.7	20	38	230	10.9	14	< 1	0.30	3.09	16	946	2	2.53	44
278858	1.54	316	0.5	0.85	121	36	< 1	3	8.95	< 0.3	17	10	175	9.05	2	< 1	0.04	0.83	4	1670	< 1	0.38	34
278859	1.49	388	2.9	1.74	28	88	< 1	< 2	9.87	< 0.3	26	22	328	12.5	4	< 1	0.44	2.14	14	1250	1	0.65	53
278860	0.574	< 5	< 0.3	0.06	< 3	15	< 1	< 2	28.7	< 0.3	1	6	2	0.14	2	2	0.01	1.70	1	119	< 1	0.02	3
278861	1.47	56	4.0	0.49	6	24	< 1	< 2	10.5	< 0.3	25	11	461	13.4	1	< 1	0.02	2.26	9	2930	< 1	0.15	50
278862	1.35	503	2.8	1.12	10	71	< 1	3	9.19	< 0.3	19	16	233	10.9	8	2	0.06	2.53	14	3060	< 1	0.54	39
278863	1.46	242	0.8	2.75	31	65	< 1	< 2	9.15	0.6	9	18	84	4.68	11	1	0.20	1.20	6	1310	< 1	1.76	16
278864	1.45	88	0.9	1.85	6	77	< 1	< 2	6.57	0.5	7	26	95	5.34	8	< 1	0.26	1.24	7	1020	< 1	0.97	19
278865	1.84	113	0.5	2.17	135	67	< 1	3	9.53	1.5	11	29	139	6.81	6	< 1	0.12	1.20	4	1860	1	1.45	21
278866	1.38	34	< 0.3	0.39	451	< 7	< 1	< 2	2.69	< 0.3	3	8	28	1.91	1	< 1	0.03	0.29	4	494	< 1	0.19	5
278867	1.40	2170	1.2	0.78	30	16	< 1	< 2	6.26	< 0.3	5	32	45	2.79	3	1	0.04	0.75	13	677	< 1	0.37	15
278868	2.17	831	< 0.3	5.85	53	205	< 1	< 2	7.44	0.5	33	156	26	6.39	14	1	0.57	2.02	11	1750	< 1	3.31	128
278869	0.838	378	< 0.3	6.50	111	368	1	< 2	8.52	0.3	44	156	9	5.67	18	2	0.87	2.49	17	1820	< 1	3.46	159
278870	1.09	222	< 0.3	5.48	79	262	1	< 2	9.39	< 0.3	37	170	45	6.65	15	1	0.82	2.31	16	2060	< 1	2.85	135
278871	1.64	336	< 0.3	4.47	164	240	1	< 2	6.98	< 0.3	45	229	62	5.41	16	1	0.86	1.20	16	1920	< 1	4.05	169
278872	1.70	2640	0.7	0.58	130	18	< 1	3	3.52	0.3	20	15	201	17.1	< 1	3	0.04	2.43	4	6420	< 1	0.19	37
278873	1.50	347	0.3	1.77	182	42	< 1	< 2	6.17	0.6	7	49	101	8.34	4	1	0.06	1.84	4	2970	< 1	0.93	25
278874	1.58	479	0.5	4.87	97	138	< 1	< 2	5.48	0.4	20	107	45	4.33	13	2	0.12	0.87	5	1130	< 1	3.22	70
278875	1.36	90	< 0.3	6.07	88	133	< 1	< 2	9.79	< 0.3	39	106	92	4.34	13	< 1	0.21	1.43	6	1700	< 1	3.70	121
278876	2.91	30	< 0.3	6.92	43	116	< 1	< 2	7.88	< 0.3	40	108	41	6.62	13	2	0.21	3.27	9	1280	< 1	2.90	133
278877	2.43	6	< 0.3	7.52	42	89	< 1	< 2	8.31	< 0.3	46	123	53	7.43	15	< 1	0.42	3.69	15	1170	< 1	2.45	149
278878	3.03	8	< 0.3	7.69	39	126	< 1	< 2	8.28	< 0.3	47	144	61	7.33	14	< 1	0.65	3.61	19	1180	< 1	2.51	150
278879	3.58	37	< 0.3	7.64	20	294	< 1	< 2	9.42	< 0.3	45	134	51	6.89	15	2	0.77	3.81	29	1200	< 1	1.98	147
278880	0.0840	1070	0.3	6.81	< 3	148	< 1	2	6.90	0.6	47	140	149	8.29	12	2	0.26	4.26	13	1330	< 1	2.08	108
278881	3.57	29	< 0.3	5.42	22	76	< 1	< 2	7.45	< 0.3	48	214	39	6.81	15	< 1	0.43	3.68	29	1020	< 1	1.51	116
278882	3.97	8	< 0.3	7.41	7	28	< 1	< 2	8.16	< 0.3	42	197	83	7.88	15	< 1	0.20	4.07	15	1140	< 1	1.67	78
278883	3.48	5	< 0.3	7.20	< 3	132	< 1	< 2	7.57	< 0.3	39	128	93	8.06	16	2	0.68	3.86	33	1160	< 1	1.54	66
278884	4.14	5	< 0.3	7.45	< 3	159	1	< 2	8.45	< 0.3	40	125	91	8.17	16	2	0.48	3.94	23	1270	< 1	1.76	69
278885	1.62	7	< 0.3	7.13	< 3	199	< 1	< 2	7.38	< 0.3	42	83	75	8.49	16	< 1	0.68	3.94	29	1140	< 1	1.59	58

Analyte Symbol	P	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.001	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
278852	0.034	3	< 5	0.19	29	359	< 2	0.18	< 5	< 10	95	6	16	97	21
278853	0.033	6	< 5	0.14	31	353	< 2	0.23	< 5	< 10	94	< 5	16	97	21
278854	0.062	7	7	0.29	26	410	< 2	0.26	< 5	< 10	112	11	19	114	32
278855	0.029	10	< 5	0.11	27	374	2	0.40	< 5	< 10	179	< 5	16	120	60
278856	0.031	8	< 5	1.01	26	374	4	0.42	< 5	< 10	175	< 5	17	212	60
278857	0.049	41	5	5.99	13	333	2	0.20	< 5	< 10	89	12	13	190	97
278858	0.018	12	< 5	6.76	< 4	260	8	0.03	< 5	< 10	38	< 5	13	73	17
278859	0.023	25	< 5	11.0	7	159	9	0.08	< 5	< 10	73	< 5	16	56	36
278860	0.006	< 3	< 5	0.03	< 4	62	< 2	< 0.01	< 5	< 10	< 2	< 5	2	5	< 5
278861	0.007	46	< 5	11.9	5	54	8	0.01	< 5	< 10	31	< 5	13	132	12
278862	0.010	30	< 5	7.82	5	464	4	0.04	< 5	< 10	65	< 5	13	127	19
278863	0.046	6	< 5	2.32	5	445	< 2	0.05	< 5	< 10	50	< 5	9	73	24
278864	0.018	22	< 5	2.86	6	302	< 2	0.07	< 5	< 10	51	< 5	8	114	32
278865	0.018	11	< 5	3.74	7	444	4	0.09	< 5	< 10	38	< 5	11	253	41
278866	0.021	5	< 5	0.68	< 4	52	< 2	< 0.01	< 5	< 10	4	< 5	3	21	< 5
278867	0.008	14	< 5	1.52	< 4	66	< 2	0.04	< 5	< 10	18	< 5	7	21	6
278868	0.027	13	< 5	1.15	23	364	7	0.33	< 5	< 10	141	< 5	13	104	40
278869	0.016	8	< 5	0.12	28	344	3	0.15	< 5	< 10	109	< 5	14	95	23
278870	0.032	8	< 5	0.76	23	298	7	0.31	< 5	< 10	157	6	14	83	36
278871	0.029	10	< 5	0.59	17	232	12	0.42	< 5	< 10	189	< 5	11	66	42
278872	0.003	19	< 5	7.46	< 4	50	< 2	0.03	< 5	< 10	37	5	9	176	16
278873	0.012	14	< 5	3.36	7	392	< 2	0.10	< 5	< 10	64	< 5	8	108	24
278874	0.022	11	< 5	1.34	12	504	5	0.26	< 5	< 10	72	9	7	60	27
278875	0.035	51	< 5	0.40	21	884	< 2	0.28	< 5	< 10	83	< 5	17	72	26
278876	0.030	8	< 5	0.04	29	325	< 2	0.22	< 5	< 10	99	< 5	17	76	33
278877	0.024	4	< 5	0.05	31	212	< 2	0.42	< 5	< 10	185	< 5	17	66	47
278878	0.041	< 3	< 5	0.06	32	210	5	0.44	< 5	< 10	186	< 5	18	68	54
278879	0.028	4	< 5	0.11	32	173	6	0.44	< 5	< 10	184	< 5	19	56	42
278880	0.034	9	16	0.20	46	102	< 2	0.14	6	< 10	132	< 5	22	71	16
278881	0.026	< 3	< 5	0.03	19	106	< 2	0.48	< 5	< 10	208	< 5	14	39	33
278882	0.025	4	< 5	0.01	39	120	< 2	0.17	< 5	< 10	136	< 5	22	49	28
278883	0.043	3	< 5	0.04	38	153	< 2	0.15	< 5	< 10	91	< 5	23	44	20
278884	0.045	< 3	< 5	0.07	39	196	< 2	0.24	< 5	< 10	145	< 5	24	63	35
278885	0.038	4	< 5	0.02	39	161	2	0.20	< 5	< 10	120	< 5	24	53	39

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas		31.5	2.15	412	708	1	1380	0.88	2.7	7	17	1150	23.3	7	7	0.05	0.21	8	877	15	0.05	43	0.058
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-1 Meas		30.9	1.91	415	660	1	1370	0.90	2.6	7	14	1140	23.1	6	9	0.05	0.21	8	927	16	0.05	44	0.059
GXR-1 Cert		31.0	3.52	427	750	1.22	1380	0.960	3.30	8.20	12.0	1110	23.6	13.8	3.90	0.050	0.217	8.20	852	18.0	0.0520	41.0	0.0650
GXR-4 Meas		3.5	6.41	97	158	2	22	1.09	0.6	16	35	6480	3.03	16	3	3.37	1.76	11	157	317	0.54	43	0.130
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
GXR-4 Meas		3.3	6.40	91	188	2	19	1.05	0.4	16	44	6150	2.90	15	3	3.67	1.69	11	148	311	0.52	47	0.126
GXR-4 Cert		4.0	7.20	98.0	1640	1.90	19.0	1.01	0.860	14.6	64.0	6520	3.09	20.0	0.110	4.01	1.66	11.1	155	310	0.564	42.0	0.120
SDC-1 Meas			8.05	7	630	3		1.08		20	51	28	4.75	22	2	1.45	1.02	34	874		1.57	36	0.050
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
SDC-1 Meas			7.85	< 3	623	3		1.08		18	56	29	4.63	23	2	1.90	1.00	33	867		1.57	35	0.052
SDC-1 Cert			8.34	0.220	630	3.00		1.00		18.0	64.00	30.000	4.82	21.00	0.20	2.72	1.02	34	880.00		1.52	38.0	0.0690
GXR-6 Meas		0.5	12.0	253	> 1000	1	< 2	0.15	0.6	16	63	70	5.88	26	3	1.86	0.61	32	1080	2	0.10	27	0.036
GXR-6 Cert		1.30	17.7	330	1300	1.40	0.290	0.180	1.00	13.8	96.0	66.0	5.58	35.0	0.0680	1.87	0.609	32.0	1010	2.40	0.104	27.0	0.0350
OREAS 14P Meas										676		9190	31.9									> 10000	
OREAS 14P Cert										750		9970	37.2									21000	
Oreas 72a (4 Acid Digest) Meas				5						150	195	309	9.48									6460	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
Oreas 72a (4 Acid Digest) Meas				< 3						153	177	308	9.40									6340	
Oreas 72a (4 Acid Digest) Cert				14.7						157	228	316	9.63									6930.000	
DNC-1a Meas					98					55	234	98		12				5				255	
DNC-1a Cert					118					57	270	100		15				5.2				247	
DNC-1a Meas					96					55	224	99		12				5				250	
DNC-1a Cert					118					57	270	100		15				5.2				247	
SBC-1 Meas				25	794	3	< 2		0.3	24	84	30		25				158		1		89	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SBC-1 Meas				20	775	3	< 2		0.4	24	72	29		25				156		2		84	
SBC-1 Cert				25.7	788.0	3.20	0.70		0.40	22.7	109	31.0000		27.0				163		2		83	
SdAR-M2 (U.S.G.S.) Meas					> 1000	7	< 2		5.5	15	43	236		17	2			18		12		55	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.000		17.6	1.44			18		13		49	
SdAR-M2 (U.S.G.S.) Meas					> 1000	7	< 2		5.2	14	31	231		16	2			18		12		53	
SdAR-M2 (U.S.G.S.) Cert					990	6.6	1.05		5.1	12.4	49.6	236.000		17.6	1.44			18		13		49	
OREAS 223 (Fire Assay) Meas	1790																						

Analyte Symbol	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	Mg	Li	Mn	Mo	Na	Ni	P
Unit Symbol	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	%	ppm	ppm	ppm	%	ppm	%
Lower Limit	5	0.3	0.01	3	7	1	2	0.01	0.3	1	1	1	0.01	1	1	0.01	0.01	1	1	1	0.01	1	0.001
Method Code	FA-AA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 223 (Fire Assay) Cert	1780																						
OREAS 220 (Fire Assay) Meas	858																						
OREAS 220 (Fire Assay) Cert	828																						
278864 Orig		0.9	1.87	4	77	< 1	< 2	6.60	0.6	7	23	97	5.41	8	< 1	0.26	1.25	7	1030	< 1	0.98	18	0.018
278864 Dup		0.9	1.83	8	76	< 1	< 2	6.53	0.5	7	29	92	5.27	7	7	0.26	1.22	7	1020	1	0.96	21	0.017
278866 Orig	33																						
278866 Dup	35																						
278873 Orig	347																						
278878 Orig		< 0.3	7.66	36	126	< 1	< 2	8.25	< 0.3	48	141	61	7.27	14	1	0.65	3.57	19	1170	< 1	2.49	150	0.041
278878 Dup		< 0.3	7.73	42	127	< 1	< 2	8.31	< 0.3	47	147	60	7.39	14	< 1	0.65	3.64	19	1180	< 1	2.54	149	0.041
278884 Orig	5																						
278884 Dup	5																						
278885 Split Orig PREP DUP	7	< 0.3	7.13	< 3	199	< 1	< 2	7.38	< 0.3	42	83	75	8.49	16	< 1	0.68	3.94	29	1140	< 1	1.59	58	0.038
278885 Split PREP DUP	8	< 0.3	7.12	< 3	201	< 1	< 2	7.39	< 0.3	43	85	72	8.54	16	2	0.67	3.95	29	1150	< 1	1.58	56	0.039
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	1	< 0.001
Method Blank		< 0.3	< 0.01	< 3	< 7	< 1	< 2	< 0.01	< 0.3	< 1		< 1	< 0.01	< 1	< 1	< 0.01	< 0.01	< 1		< 1	< 0.01	< 1	< 0.001

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
GXR-1 Meas	726	40	0.25	< 4	293	15	0.03	< 5	40	87	160	35	731	28
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-1 Meas	726	23	0.25	< 4	292	14	0.03	< 5	30	87	170	35	729	26
GXR-1 Cert	730	122	0.257	1.58	275	13.0	0.036	0.390	34.9	80.0	164	32.0	760	38.0
GXR-4 Meas	67	5	1.81	8	217	4	0.29	< 5	< 10	88	34	15	69	40
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
GXR-4 Meas	52	< 5	1.73	8	212	< 2	0.27	< 5	< 10	86	32	15	67	38
GXR-4 Cert	52.0	4.80	1.77	7.70	221	0.970	0.29	3.20	6.20	87.0	30.8	14.0	73.0	186
SDC-1 Meas	20	< 5		16	172		0.23	< 5	< 10	62	< 5		97	33
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
SDC-1 Meas	21	< 5		16	171		0.20	5	< 10	58	7		95	43
SDC-1 Cert	25.00	0.54		17.00	180.00		0.606	0.70	3.10	102.00	0.80		103.00	290.00
GXR-6 Meas	90	< 5	0.02	26	34	< 2		< 5	< 10	154	< 5	11	130	71
GXR-6 Cert	101	3.60	0.0160	27.6	35.0	0.0180		2.20	1.54	186	1.90	14.0	118	110
OREAS 14P Meas														
OREAS 14P Cert														
Oreas 72a (4 Acid Digest) Meas			1.64											
Oreas 72a (4 Acid Digest) Cert			1.74											
Oreas 72a (4 Acid Digest) Meas			1.60											
Oreas 72a (4 Acid Digest) Cert			1.74											
DNC-1a Meas	6	< 5		31	129		0.28			140		16	57	33
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
DNC-1a Meas	6	< 5		30	127		0.27			140		16	58	32
DNC-1a Cert	6.3	0.96		31	144		0.29			148		18.0	70	38.0
SBC-1 Meas	30	< 5		20	174		0.51	< 5	< 10	215	5	31	180	106
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SBC-1 Meas	30	< 5		20	175		0.50	< 5	< 10	211	< 5	32	176	105
SBC-1 Cert	35.0	1.01		20.0	178.0		0.51	0.89	5.76	220.0	1.60	36.5	186	134.0
SdAR-M2 (U.S.G.S.) Meas	823			4	141				< 10	26	7	28	783	115
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
SdAR-M2 (U.S.G.S.) Meas	803			4	144				< 10	25	9	29	760	93
SdAR-M2 (U.S.G.S.) Cert	808			4.1	144				2.53	25.2	2.8	32.7	760	259
OREAS 223 (Fire Assay) Meas														
OREAS 223 (Fire Assay) Cert														

Analyte Symbol	Pb	Sb	S	Sc	Sr	Te	Ti	Tl	U	V	W	Y	Zn	Zr
Unit Symbol	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	3	5	0.01	4	1	2	0.01	5	10	2	5	1	1	5
Method Code	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP
OREAS 220 (Fire Assay) Meas														
OREAS 220 (Fire Assay) Cert														
278864 Orig	22	6	2.91	6	305	< 2	0.06	< 5	< 10	51	< 5	8	118	33
278864 Dup	21	< 5	2.81	6	299	< 2	0.07	< 5	< 10	51	< 5	8	111	32
278866 Orig														
278866 Dup														
278873 Orig														
278878 Orig	< 3	< 5	0.06	32	208	2	0.44	< 5	< 10	183	< 5	18	68	54
278878 Dup	4	< 5	0.06	33	211	8	0.45	< 5	< 10	190	< 5	18	68	55
278884 Orig														
278884 Dup														
278885 Split Orig PREP DUP	4	< 5	0.02	39	161	2	0.20	< 5	< 10	120	< 5	24	53	39
278885 Split PREP DUP	< 3	< 5	0.02	39	161	< 2	0.29	< 5	< 10	161	< 5	24	53	49
Method Blank														
Method Blank														
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5
Method Blank	< 3	< 5	< 0.01	< 4	< 1	< 2	< 0.01	< 5	< 10	< 2	< 5	< 1	< 1	< 5